Oggetto

La presente relazione ha lo scopo di illustrare i criteri seguiti per redigere il progetto illuminotecnico e fornire indicazioni relative alla modalità di esecuzione e ai materiali da utilizzare per la realizzazione dell'impianto di illuminazione per una nuova lottizzazione di iniziativa privata denominata PP3 situata in Via Leopardi nel comune di Zanè (VI).

Principali Norme e Leggi di riferimento

L'individuazione della tipologia di strada, la selezione delle categorie illuminotecniche, il dimensionamento dell'impianto di illuminazione sia dal punto di vista illuminotecnico che impiantistico, il contenimento dell'inquinamento luminoso e il risparmio energetico sono stati fatti in ottemperanza ai seguenti Decreti, Norme e Leggi:

Decreto Ministero Trasporti Edizione 5 Novembre 2001	Norme funzionali e geometriche per la costruzione delle strade
UNI 11248 edizione ottobre 2012	Illuminazione stradale: selezione categorie illuminotecniche
UNI EN 13201-2 edizione settembre 2004	Illuminazione stradale: requisiti prestazionali
UNI EN 13201-3 edizione settembre 2004	Illuminazione stradale: calcolo delle prestazioni
UNI EN 13201-4 edizione settembre 2004	Illuminazione stradale: metodi di misurazione delle prestazioni fotometriche
CEI 64-8 edizione novembre 2012	Impianti elettrici utilizzatori a tensione nominale non superiore a 1000V in ca e 1500V in cc
LR 17/09 edizione agosto 2009	Norme per il contenimento dell'inquinamento luminoso il risparmio energetico per esterni e per la tutela dell'ambiente e dell'attività svolta dagli osservatori astronomici

Normative specifiche sulle apparecchiature utilizzate

Generalità

L'ambito oggetto di studio riguarda la strada di asservimento alla nuova lottizzazione a carattere commerciale e residenziale in previsione di costruzione in Via Leopardi a Zanè e la nuova rotatoria che modifica l'innesto di questa strada con la strada provinciale n° 349 denominata Via Manzoni.
In Via Manzoni è attualmente presente, nel lato direzione verso Thiene, una illuminazione costituita da pali a sbraccio di altezza 8 m fuori terra e da corpi illuminanti di tipo stradale equipaggiati con lampade a vapori di mercurio da 125W; almeno quattro di questi corpi illuminanti (indicati nella planimetria allegata con i n° 926-927-928-929) ricadranno nell'area di intervento ma, rispetto alla rotatoria, si verranno a trovare in posizione tale da non essere più utili ai fini dell'illuminazione e quindi non saranno considerati nel calcolo illuminotecnico (anche perché il tipo di lampada è obsoleto e non più ammesso dalla direttiva 2002/95/CE); nel lato opposto della strada vi sono due pali per arredo urbano altezza 5 m fuori terra e lampada a vapori di mercurio da 125W (indicati nella planimetria allegata con i n° 938-939) che, ricadendo proprio in mezzo al nuovo assetto viario, dovranno essere completamente rimossi.
In Via Leopardi non è attualmente presente nessun tipo di illuminazione della strada e quindi questa dovrà essere integralmente predisposta.

Definizione dello zone di studio

Le zone di studio su cui sarà impostato il calcolo illuminotecnico sono le seguenti:

Carreggiata in ingresso e uscita dalla nuova rotatoria di Via Manzoni e carreggiata di Via Leopardi

Pista ciclopedonale di Via Manzoni e Via Leopardi

Rotatoria

Passaggi pedonali

Parcheggi pubblici di Via Leopardi

Individuazione della categoria illuminotecnica di ingresso

Non essendoci una classificazione della classe stradale ne per Via Manzoni ne per Via Leopardi a cui riferirsi e da cui partire per definire le categorie illuminotecniche di ingresso, considerando la tipologia di insediamenti a carattere sia residenziale che commerciale che le due strade asserviranno, tenendo in considerazione lo studio trasportistico relativo ai flussi di traffico esistenti e ipotizzati per il futuro (vedasi relazione fatta dallo studio Trasport8 srl di Padova in data 24/10/2013) si conviene di assegnare le seguenti classi stradali:

Via Manzoni Strada Urbana Interquartiere con limite di velocità 50km/h Tipo E

Via Leopardi Strada Locale Urbana con limite di velocità 50km/h Tipo F

a cui corrispondono le seguenti categorie illuminotecniche d'ingresso:

Via Manzoni categoria ME2

Via Leopardi categoria ME3b

Analisi dei rischi per l'individuazione della categoria illuminotecnica di progetto e di esercizio

Dall'esame del nuovo assetto viario, non avendo a disposizione dati relativi a incidenti pregressi, alla loro gravità e frequenza, e considerando che i potenziali rischi sono rappresentati dall'innesto dal traffico proveniente da Via Leopardi, dai due passaggi pedonali prima e dopo la rotatoria e dalla presenza di piste ciclo pedonali, tenendo conto dei parametri di influenza come "complessità del campo visivo normale" e " segnaletica cospicua nelle zone conflittuali", considerando la diminuzione del traffico dalle ore 23,00 alle ore 7,00, come risulta dallo studio trasportistico relativo ai flussi di traffico veicolare esistenti e ipotizzati per il futuro, si ritiene possibile decrementare la categoria illuminotecnica d'ingresso di due livelli ottenendo così le seguenti categorie illuminotecniche di progetto:

Via Manzoni categoria ME4b

Via Leopardi categoria ME5

Dalle categorie illuminotecniche individuate per le due strade si possono determinare anche le categorie illuminotecniche delle piste ciclo pedonali e della rotatoria ottenendo la seguente classificazione:

piste ciclo pedonali categorie S3

rotatoria categoria CE3

parcheggi pubblici categoria S3

I due passaggi pedonali saranno illuminati localmente con appositi corpi illuminanti che daranno valori di illuminamento orizzontale e verticale tali da garantire una sicura visibilità dei pedoni.

Tabelle riassuntiva requisiti illuminotecnici dell'impianto di illuminazione

In funzione dell'analisi dei rischi e delle considerazioni fatte considerando che la pavimentazione delle strade in oggetto sia di classe C2 e cioè in asfalto, con coefficiente medio di luminanza Q0 pari a 0.07 l'impianto di illuminazione avrà le seguenti prestazioni illuminotecniche:

Carreggiata di Via Leopardi categoria ME5 (paragrafo 4 prospetto 1a Norma UNI 13201-2)

Luminanza cd/m^2			U_0 uniformità generale		U_0 uniformità longitudinale		Ti abbagliamento max %		SR illuminazione di contiguità	
Valore min. UNI 13201-2	Valore max. LR 17/09	Valore progetto	Valore min. UNI 13201-2	Valore progetto	Valore min. UNI 13201-2	Valore progetto	Valore Max. UNI 13201-2	Valore progetto	Valore min. UNI 13201-2	Valore progetto
0,5	0,57	0,52	0,35	0,4	0,4	0,59	15	10	0,5	0,64

Piste ciclopedonali di Via Manzoni Categoria S3 (paragrafo 6 prospetto 3 Norma UNI 13201-2)

Illuminamento medio lux			Illuminamento minimo lux	
Valore min. UNI 13201-2	Valore max. LR 17/09	Valore progetto	Valore Norma UNI 13201-2	Valore progetto
7,5	8,6	15	1,5	3,57

Piste ciclopedonali di Via Leopardi Categoria S3 (paragrafo 6 prospetto 3 Norma UNI 13201-2)

Illuminamento medio lux			Illuminamento minimo lux	
Valore min. UNI 13201-2	Valore max. LR 17/09	Valore progetto	Valore Norma UNI 13201-2	Valore progetto
7,5	8,6	9,5	1,5	2,92

Rotatoria Categoria CE3 (paragrafo 6 prospetto 2 Norma UNI 13201-2)

Illuminamento medio lux			Uniformità Emin/Emed	
Valore min. UNI 13201-2	Valore max. LR 17/09	Valore progetto	Valore Norma UNI 13201-2	Valore progetto
15	17,2	17	0,4	0,56

Parcheggi di Via Leopardi Categoria S3 (paragrafo 6 prospetto 3 Norma UNI 13201-2)

Illuminamento medio lux			Illuminamento minimo lux	
Valore min. UNI 13201-2	Valore max. LR 17/09	Valore progetto	Valore Norma UNI 13201-2	Valore progetto
7,5	10	12	1,5	1.64
		22		9.91
		19		5.76
		19		4.62

Passaggi pedonali di Via Manzoni

Illuminamento medio lux		Uniformità Emin/Emed
Valore min. progetto	Valore max. progetto	Valore progetto
107	138	0,56
97	141	0,44

Geometria dell'installazione

Per i punti luminosi di Via Leopardi 1 n° 1-2-3-4-5-6-7-8-9-10 si utilizzeranno apparecchi di illuminazione per montaggio su palo a sbraccio di 1,5m, posti a 2,5 m dalla sede stradale, con altezza fuori terra di 8 m a disposizione unilaterale con interdistanza di 32 m così da avere un rapporto tra interdistanza e altezza superiore a 3,7.

Per i punti luminosi di Via Manzoni n° 11-17 si utilizzeranno apparecchi di illuminazione per montaggio su palo a sbraccio di 1,5m, posti a lato della sede stradale, ad altezza di 9 m.

Per i punti luminosi di Via Manzoni n° 12-16 si utilizzeranno apparecchi di illuminazione per montaggio testa palo, posti a lato della pista ciclopedonale, ad altezza di 8 m.

Per i punti luminosi di Via Manzoni n° 13-15 si utilizzeranno apparecchi di illuminazione per montaggio su palo a doppio sbraccio di 1m, posti nell'aiuola spartitraffico, ad altezza di 9 m.

Per l'illuminazione della rotatoria si utilizzeranno apparecchi di illuminazione per montaggio testa palo su un unico palo, posti al centro della rotatoria stessa, ad altezza di 14m.

Per l'illuminazione dei due passaggi pedonali si utilizzeranno apparecchi di illuminazione specifici con lampada al sodio alta pressione da 150W dotati anche di cartello luminoso con la scritta 2passaggio pedonale", posti uno subito prima e uno subito dopo alle strisce pedonali e rispetto al senso di marcia degli autoveicoli, ad altezza di 5,2m.

Tutti i corpi illuminanti nelle strade e nelle rotatorie saranno posizionati ad inclinazione zero rispetto al terreno in modo che sia nullo il flusso disperso verso l'alto.

Sostegni metallici

I pali per tutti i corpi illuminanti, ad eccezione del punto luminoso n° 14 saranno pali troncoconici a sezione circolare diritti o con sbraccio, zincati e verniciati; avranno diametro di base 148 o 158 mm, testa 60 mm, spessore 3 mm, altezza fuori terra 8 o 9 m, di cui 0,8 m da innestare in apposito plinto; saranno completi di foro entrata cavi debitamente arrotondato e smussato, attacco di messa a terra, asola per morsettiera, e morsettiera in classe di isolamento II, grado di protezione IP54, completa di portello, composta da morsetti 4 poli a 3 vie per sezioni fino a 16 mmq e portafusibile sezionabile completo di fusibile da 6A.
Nella sezione d'incastro sarà effettuata una applicazione a caldo di guaina termorestringente a scopo anticorrosivo.
Il plinto di fondazione sarà costituito da un monoblocco in calcestruzzo dimensionato per zona di installazione tipo 1 e categoria del terreno tipo III
Per il punto luminoso n° 14 si utilizzerà un palo a sezione troncoconica o poligonale zincato e verniciato con diametro di base 255 mm, testa 75 mm, spessore 4 mm, altezza fuori terra 14 m, di cui 1 m da innestare in apposito plinto. Il palo sarà del tipo ribaltabile a movimentazione manuale per agevolare le operazioni di manutenzione.
Per tutti i pali i plinti di fondazione saranno costituiti da un monoblocco in calcestruzzo dimensionato per zona di installazione tipo 1 e categoria del terreno tipo III.

Impianto elettrico

Si alimenterà l'impianto tramite un quadro ad alimentazione monofase, in resina, grado di protezione IP54, dotato di vano per contatori ENEL e equipaggiato con interruttore generale automatico magnetotermico differenziale autoripristinante con Idn tarabile da 0,25A a 25A e tempo di ritardo tarabile da 0,03s a 5s, scaricatori di sovratensione e interruttore crepuscolare astronomico.
La protezione contro i contatti indiretti sarà realizzata prevedendo quadro elettrico, corpi illuminanti, cavi, morsettiere alla base dei sostegni metallici e derivazioni di classe II; la linea di alimentazione non necessiterà quindi di conduttore di terra.
La protezione contro i contatti diretti sarà realizzata mediante isolamento totale delle parti attive così da impedirne il contatto diretto, e segregazione delle stesse entro involucri che assicurano almeno il grado di protezione IP2X.
Il quadro elettrico sarà posto vicino alla nuova cabina di trasformazione.
Le linee in partenza saranno protette contro sovraccarico e cortocircuito da interruttori automatici magnetotermici e posate entro cavidotto flessibile a doppia parete in polietilene ad alta densità diametro 125 mm di tipo pesante interrato ad una profondità di almeno 0,6 m e costituite da conduttori del tipo FG7R di sezione tale da non superare la caduta di tensione massima ammessa del 5%.
Le derivazione alle lampade saranno effettuate con conduttori del tipo FG7R di sezione 1,5 mmq in apposita morsettiera con grado di isolamento II posta sul palo e contenente fusibili di protezione della derivazione stessa da 6A tipo gG.
Il quadro dovrà alimentare 24 corpi illuminanti per un totale di 1733W ma risulta essere dimensionato per una potenza di 3kW per l'eventuale aggiunta di nuovi centri luminosi

Linea 1
centri luminosi n° 5-6-7-8-9-10
potenza totale 0,249kW

- cavo FG7R 1x16mmq F+N

Linea 2
centri luminosi n° 1-2-3-4-11-12-13-1-4-15-16-17-18-19-20-21
potenza totale 1,484kW

- cavo FG7R 1x16mmq F+N

Corpi illuminanti

Per tutti i punti luminosi, ad eccezione di quelli relativi ai passaggi pedonali, sono stati scelti apparecchi di illuminazione a led che risultano avere impegni ridotti di potenza elettrica, consentono di avere condizioni massime di interdistanza dei pali, minimizzano i costi e interventi di manutenzione, hanno efficienza luminosa superiore a 90 lm/W, non emettono luce verso l'alto e permettono di rispettare i livelli minimi di luminanza o di illuminamento previsti dalle norme di sicurezza eccedendo al massimo di circa il 15%.
Tutti gli apparecchi di illuminazione sono provvisti di apposito dispositivo che riduce il flusso luminoso in misura superiore al 30% rispetto al pieno regime di operatività entro le ore 24,00 e fino alle ore 06,00.

Allegati

Alla presente relazione sono allegati i seguenti documenti in formato cartaceo:

- calcolo illuminotecnico
- schede tecniche apparecchi di illuminazione con curve fotometriche, istruzioni di montaggio, funzionamento e manutenzione
- schede tecniche dei pali
- dichiarazione di rispondenza del progetto alle Norme e Leggi vigenti

Lottizzazione PP3

Piano di lottizzazione PP3

Data: 11.02.2015
Redattore: Roberto Rossato

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Indice

Lottizzazione PP3
Copertina progetto 1
Indice 2
AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-M 4.5-3M ITALO 1 0F3 STE-M 4....
Scheda tecnica apparecchio 4
AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-M 4.5-4M ITALO 1 0F3 STE-M 4....
Scheda tecnica apparecchio 5
AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-S 4.50-1M ITALO 1 0F3 STE-S 4...
Scheda tecnica apparecchio 6
AEC ILLUMINAZIONE SRL Q5DX-001 Q5 OP DX VP 150W SHP-TS
Scheda tecnica apparecchio 7
AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-S 4.5-2M ITALO 1 0F3 STE-S 4....
Scheda tecnica apparecchio 8
Scena esterna
Lista pezzi lampade 9
Rendering 3D 10
Superfici esterne
StrisciepedonaliversoThiene
Isolinee (E, perpendicolare) 11
StrisciepedonaliversoSchio
Isolinee (E, perpendicolare) 12
Ciclopedonale esternaViaManzoni
Isolinee (E, perpendicolare) 13
Via Leopardi
Isolinee (E, perpendicolare) 14
Ingressorotatoria
Isolinee (E, perpendicolare) 15
UscitaRotatoria
Isolinee (E, perpendicolare) 16
SvincoloViaLeopardi
Isolinee (E, perpendicolare) 17
18Parcheggi Via Leopardi
Isolinee (E, perpendicolare) 18
3Parcheggi Via Leopardi
Isolinee (E, perpendicolare) 19
5sxParcheggi Via Leopardi
Isolinee (E, perpendicolare) 20
5dxParcheggi Via Leopardi
Isolinee (E, perpendicolare) 21
Griglia di calcolo rotatoria
Grafica dei valori (E, perpendicolare) 22
Via Leopardi
Dati di pianificazione 23
Risultati illuminotecnici 24
Campi di valutazione
Campo di valutazione Carreggiata 1
Panoramica risultati 26
Isolinee (E) 27
Osservatore
Osservatore 1
Isolinee (L) 28
Osservatore 2
Isolinee (L) 29
Campo di valutazione Pista ciclopedonale

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Indice

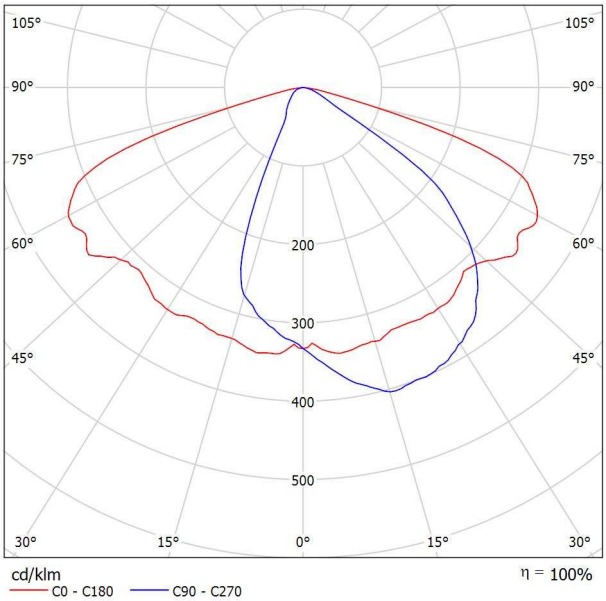
Panoramica risultati 30
Isolinee (E) 31

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-M 4.5-3M ITALO 1 0F3 STE-M 4.5-3M / Scheda tecnica apparecchio

Per un'immagine della lampada consultare il nostro catalogo lampade.

Emissione luminosa 1:



Classificazione lampade secondo CIE: 100
CIE Flux Code: 46 80 98 100 100

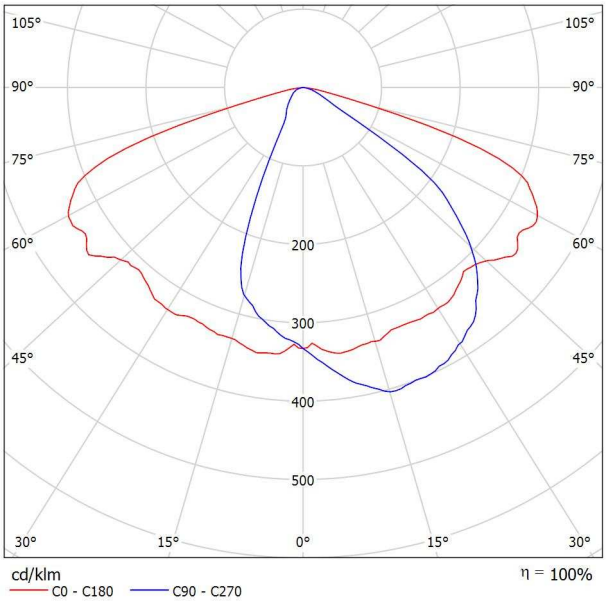
A causa dell'assenza di simmetria, per questa lampada non è possibile rappresentare la tabella UGR.

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-M 4.5-4M ITALO 1 0F3 STE-M 4.5-4M / Scheda tecnica apparecchio

Per un'immagine della lampada consultare il nostro catalogo lampade.

Emissione luminosa 1:



Classificazione lampade secondo CIE: 100
CIE Flux Code: 46 80 98 100 100

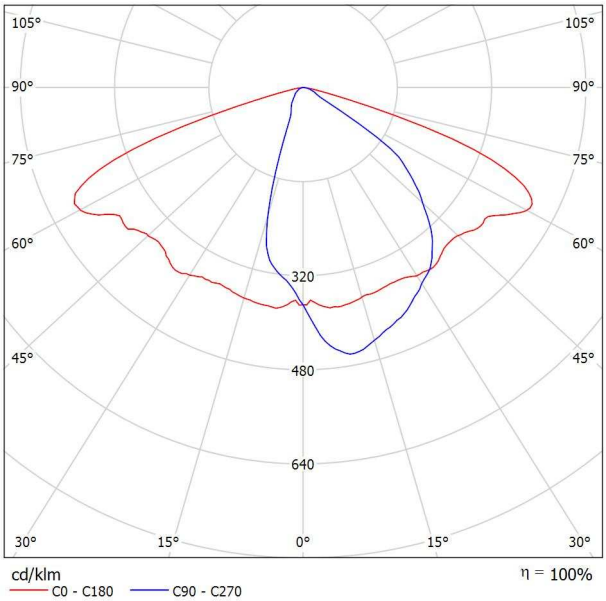
A causa dell'assenza di simmetria, per questa lampada non è possibile rappresentare la tabella UGR.

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-S 4.50-1M ITALO 1 0F3 STE-S 4.50-1M / Scheda tecnica apparecchio

Per un'immagine della lampada consultare il nostro catalogo lampade.

Emissione luminosa 1:



Classificazione lampade secondo CIE: 100
CIE Flux Code: 46 82 98 100 100

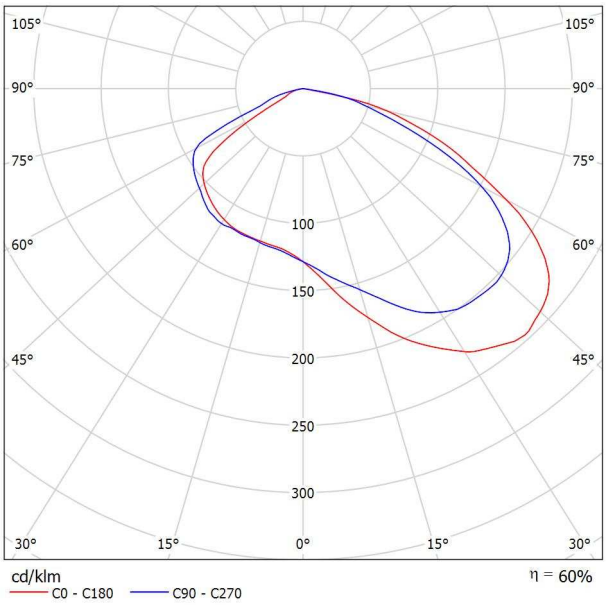
A causa dell'assenza di simmetria, per questa lampada non è possibile rappresentare la tabella UGR.

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

AEC ILLUMINAZIONE SRL Q5DX-001 Q5 OP DX VP 150W SHP-TS / Scheda tecnica apparecchio

Per un'immagine della lampada consultare il nostro catalogo lampade.

Emissione luminosa 1:



Classificazione lampade secondo CIE: 100
CIE Flux Code: 41 80 98 100 60

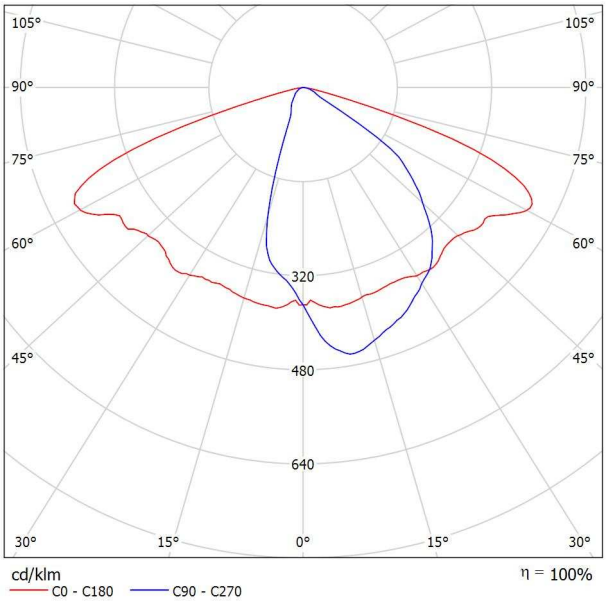
A causa dell'assenza di simmetria, per questa lampada non è possibile rappresentare la tabella UGR.

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-S 4.5-2M ITALO 1 0F3 STE-S 4.5-2M / Scheda tecnica apparecchio

Per un'immagine della lampada consultare il nostro catalogo lampade.

Emissione luminosa 1:



Classificazione lampade secondo CIE: 100
CIE Flux Code: 46 82 98 100 100

A causa dell'assenza di simmetria, per questa lampada non è possibile rappresentare la tabella UGR.

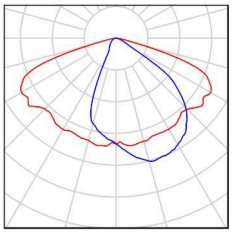
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / Lista pezzi lampade

6 Pezzo

AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-M 4.5-3M ITALO 1 0F3 STE-M 4.5-3M
Articolo No.: ITALO 1 0F3 STE-M 4.5-3M
Flusso luminoso (Lampada): 6590 lm
Flusso luminoso (Lampadine): 6590 lm
Potenza lampade: 61.0 W
Classificazione lampade secondo CIE: 100
CIE Flux Code: 46 80 98 100 100
Dotazione: 1 x L-IT1-0F3-4000-525-3M (Fattore di correzione 1.000).

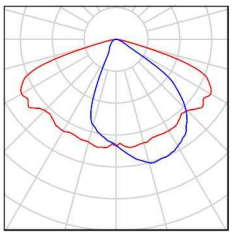
Per un'immagine della lampada consultare il nostro catalogo lampade.



4 Pezzo

AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-M 4.5-4M ITALO 1 0F3 STE-M 4.5-4M
Articolo No.: ITALO 1 0F3 STE-M 4.5-4M
Flusso luminoso (Lampada): 8770 lm
Flusso luminoso (Lampadine): 8770 lm
Potenza lampade: 78.0 W
Classificazione lampade secondo CIE: 100
CIE Flux Code: 46 80 98 100 100
Dotazione: 1 x L-IT1-0F3-4000-525-4M (Fattore di correzione 1.000).

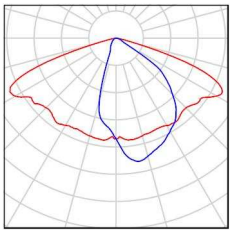
Per un'immagine della lampada consultare il nostro catalogo lampade.



2 Pezzo

AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-S 4.50-1M ITALO 1 0F3 STE-S 4.50-1M
Articolo No.: ITALO 1 0F3 STE-S 4.50-1M
Flusso luminoso (Lampada): 2040 lm
Flusso luminoso (Lampadine): 2040 lm
Potenza lampade: 20.0 W
Classificazione lampade secondo CIE: 100
CIE Flux Code: 46 82 98 100 100
Dotazione: 1 x L-IT1-0F3-4000-500-1M (Fattore di correzione 1.000).

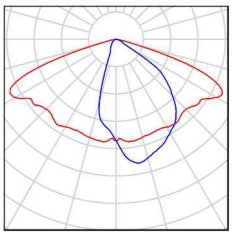
Per un'immagine della lampada consultare il nostro catalogo lampade.



10 Pezzo

AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-S 4.5-2M ITALO 1 0F3 STE-S 4.5-2M
Articolo No.: ITALO 1 0F3 STE-S 4.5-2M
Flusso luminoso (Lampada): 4440 lm
Flusso luminoso (Lampadine): 4440 lm
Potenza lampade: 41.5 W
Classificazione lampade secondo CIE: 100
CIE Flux Code: 46 82 98 100 100
Dotazione: 1 x L-IT1-0F3-4000-525-2M (Fattore di correzione 1.000).

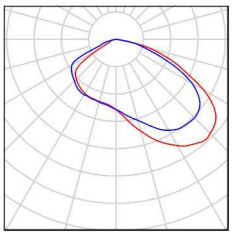
Per un'immagine della lampada consultare il nostro catalogo lampade.



4 Pezzo

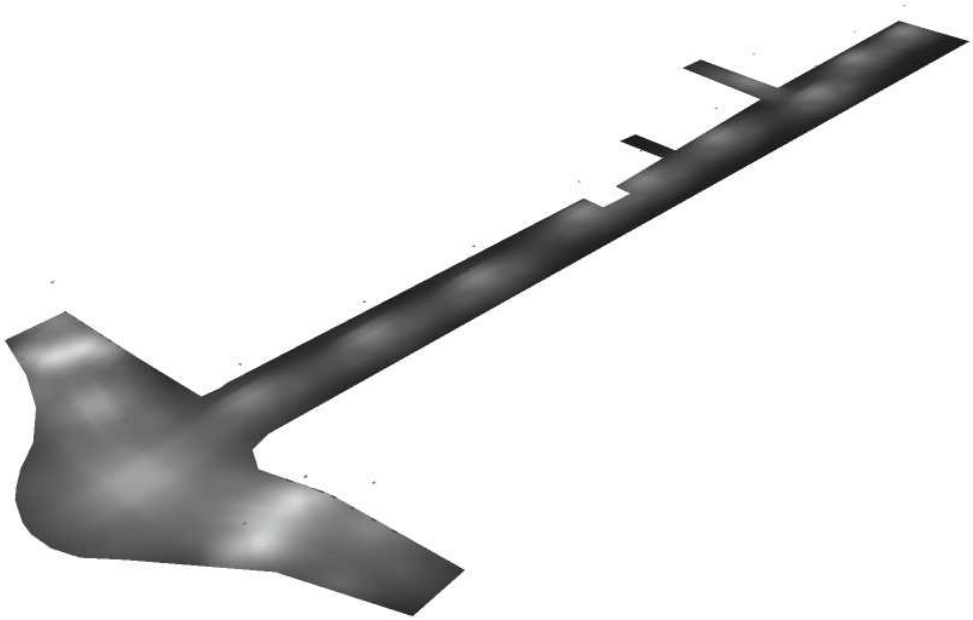
AEC ILLUMINAZIONE SRL Q5DX-001 Q5 OP DX VP 150W SHP-TS
Articolo No.: Q5DX-001
Flusso luminoso (Lampada): 9018 lm
Flusso luminoso (Lampadine): 15000 lm
Potenza lampade: 150.0 W
Classificazione lampade secondo CIE: 100
CIE Flux Code: 41 80 98 100 60
Dotazione: 1 x NAV-TS 150W SUPER (Fattore di correzione 1.000).

Per un'immagine della lampada consultare il nostro catalogo lampade.



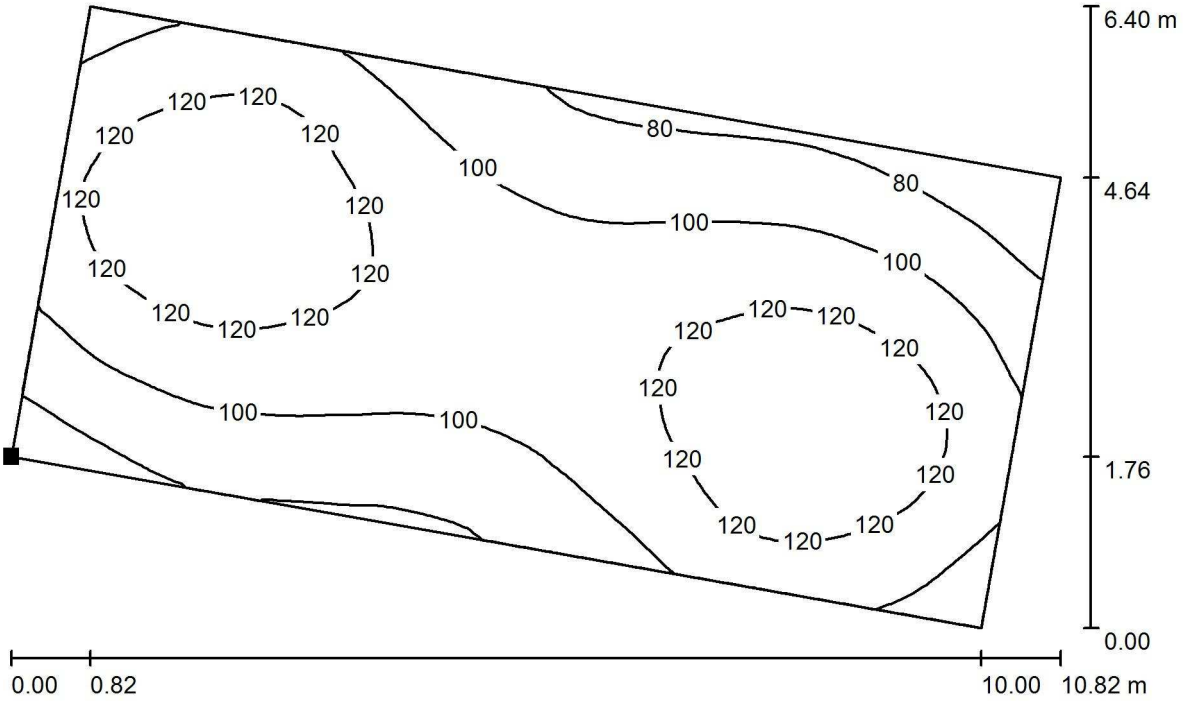
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / Rendering 3D



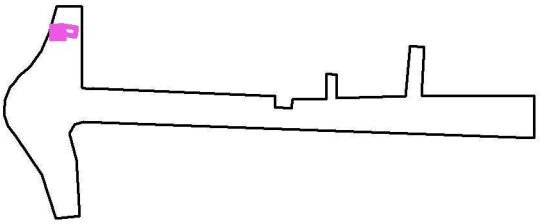
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / StrisciepedonaliversoThiene / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 78

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(31.991 m, 507.181 m, 0.850 m)

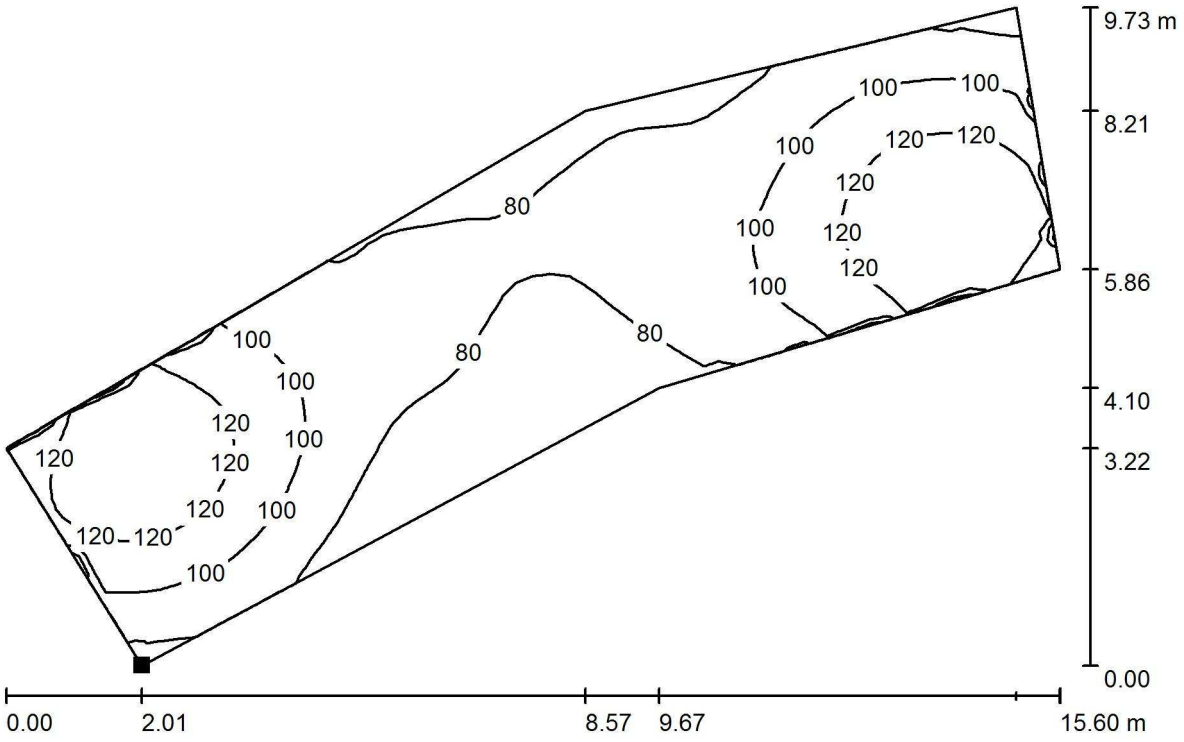


Reticolo: 64 x 32 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
107	60	138	0.561	0.436

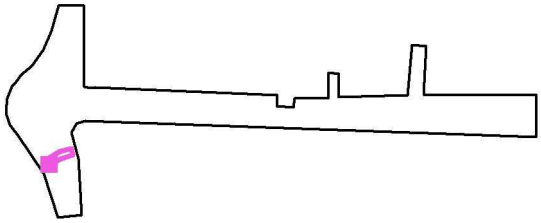
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / StrisciepedonaliversoSchio / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 112

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(25.519 m, 428.843 m, 0.850 m)

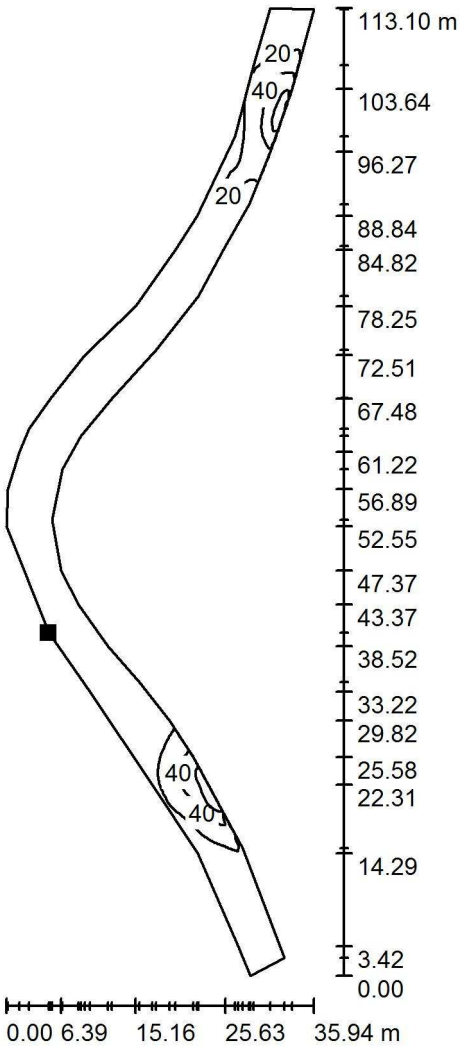


Reticolo: 64 x 32 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
97	63	141	0.647	0.446

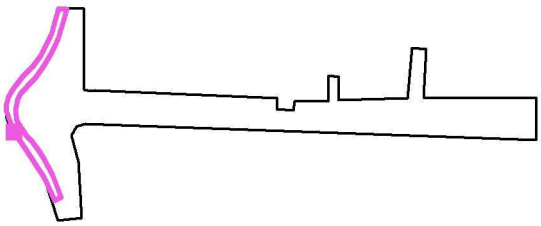
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / Ciclopedonale esternaViaManzoni / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 885

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(4.849 m, 449.564 m, 0.000 m)

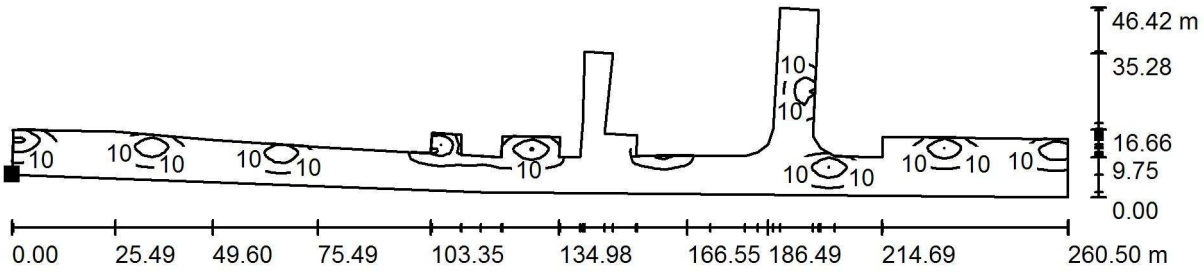


Reticolo: 128 x 128 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
15	3.57	82	0.242	0.044

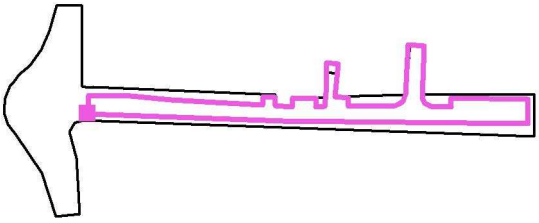
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / Via Leopardi / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 1863

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(49.300 m, 458.665 m, 0.850 m)

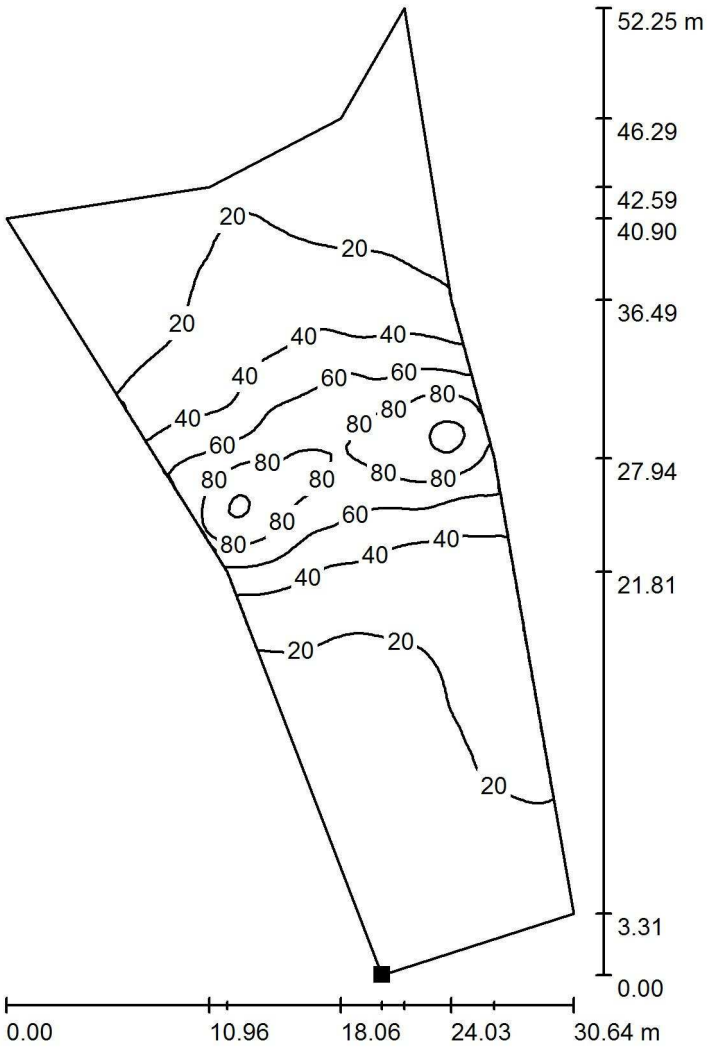


Reticolo: 128 x 128 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
7.61	0.01	32	0.002	0.000

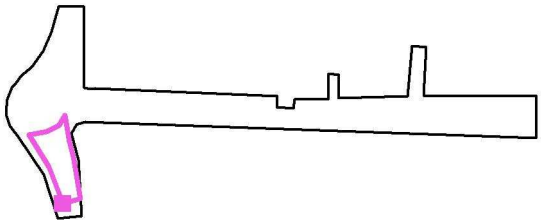
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / Ingressorotatoria / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 409

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(33.500 m, 406.500 m, 0.000 m)

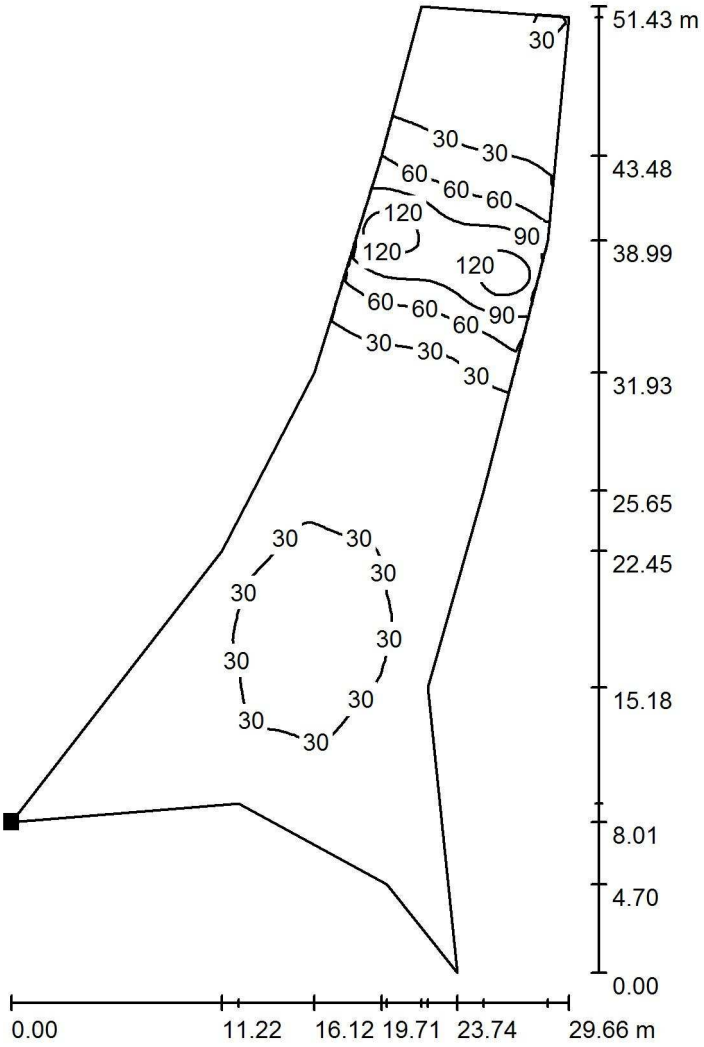


Reticolo: 128 x 128 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
32	5.94	105	0.187	0.056

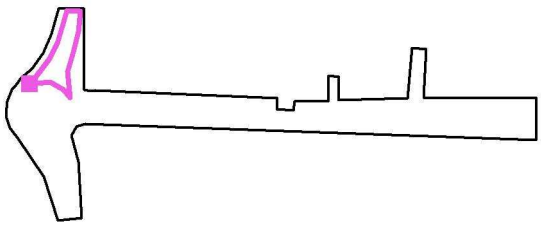
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / UscitaRotatoria / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 403

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(14.004 m, 478.285 m, 0.850 m)

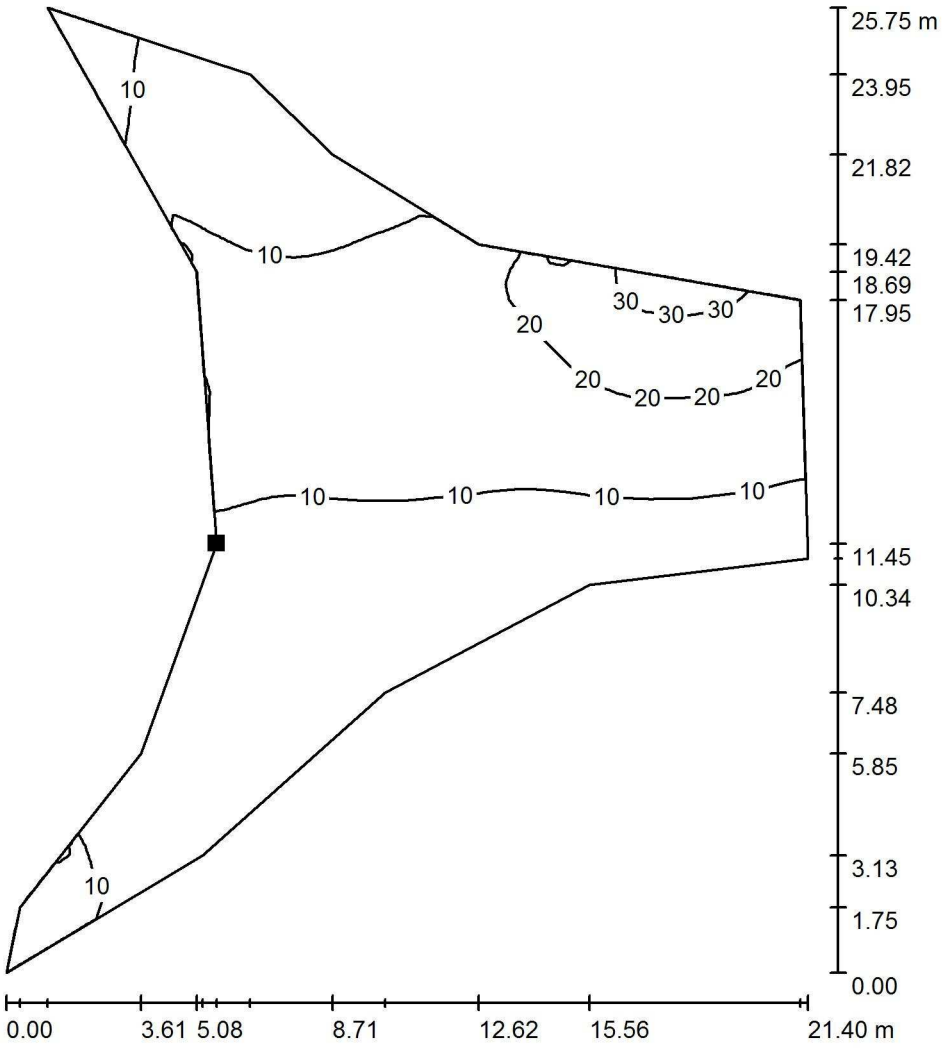


Reticolo: 128 x 128 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
33	8.22	137	0.248	0.060

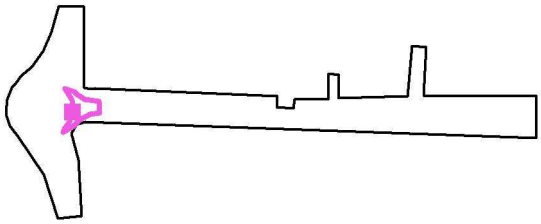
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / SvincoloViaLeopardi / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 202

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(39.316 m, 460.300 m, 0.850 m)

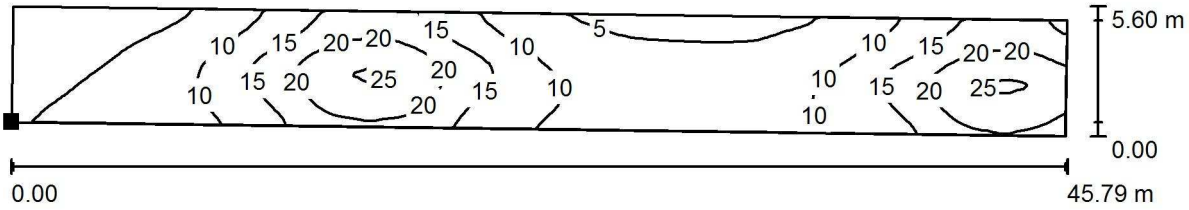


Reticolo: 64 x 64 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
11	3.33	33	0.294	0.102

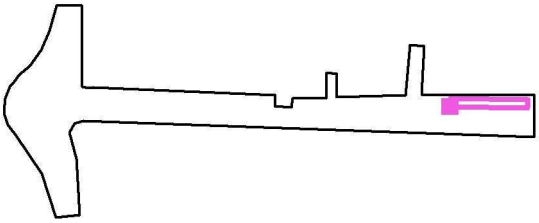
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / 18Parcheggi Via Leopardi / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 328

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(263.790 m, 463.015 m, 0.100 m)

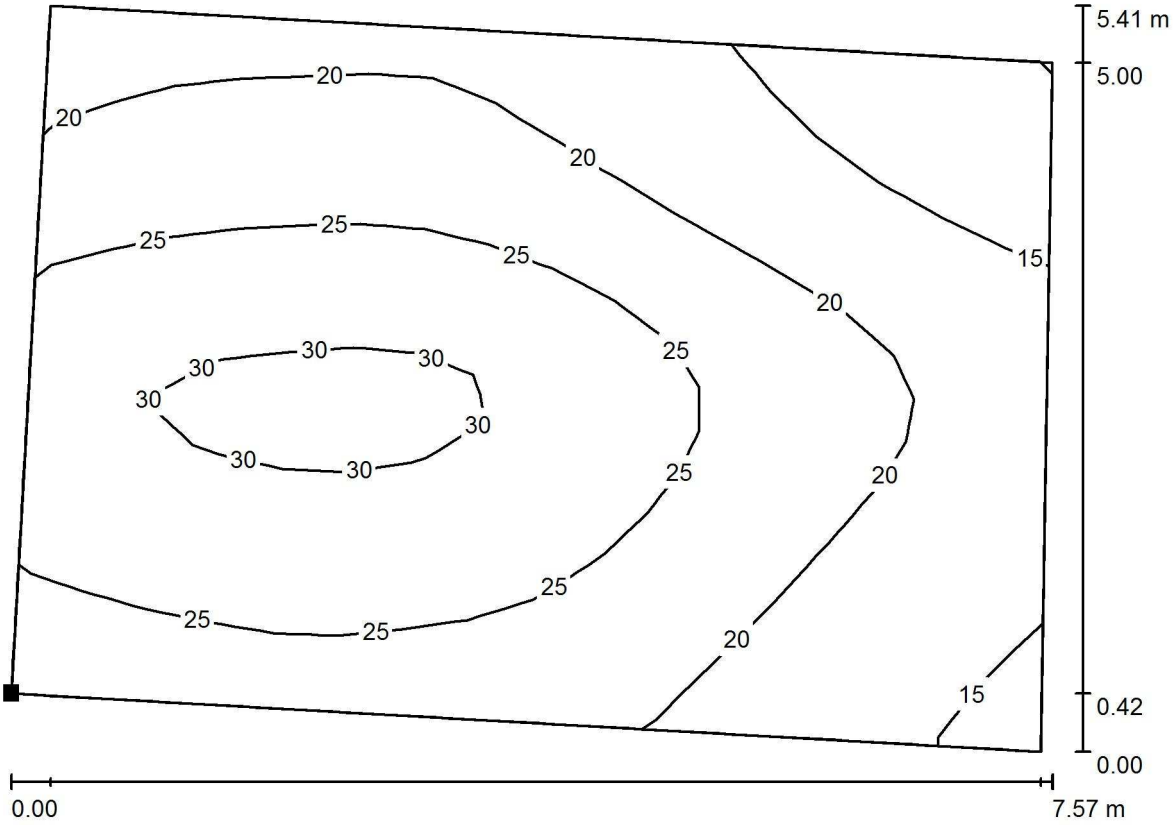


Reticolo: 128 x 32 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
12	1.64	26	0.137	0.063

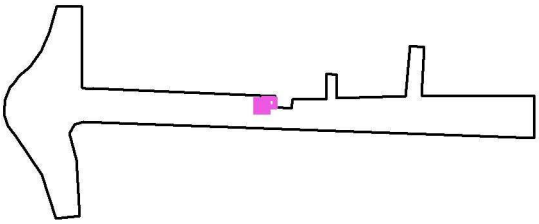
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / 3Parcheggi Via Leopardi / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 55

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(152.654 m, 463.885 m, 0.850 m)

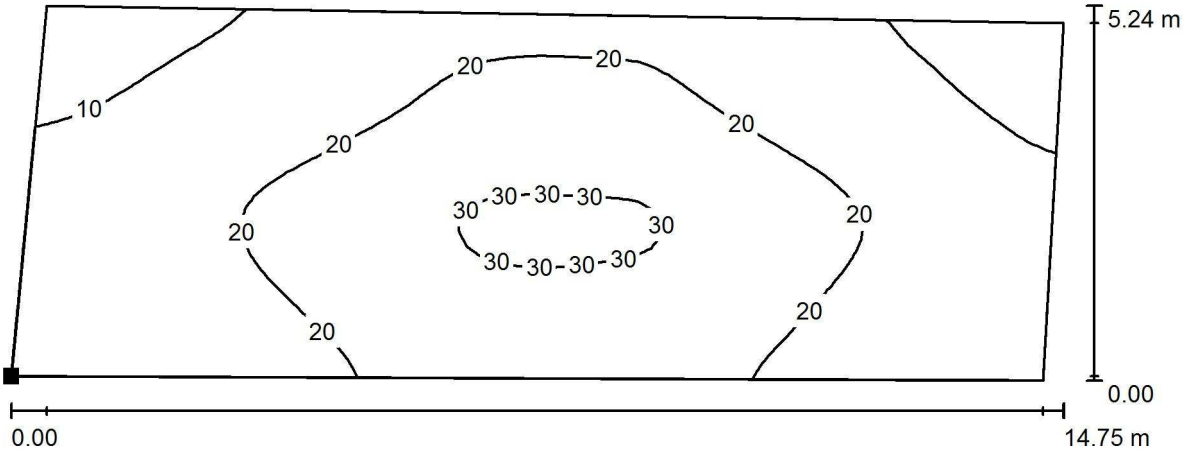


Reticolo: 16 x 16 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
22	9.91	32	0.444	0.312

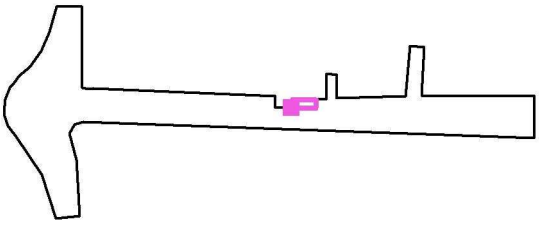
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / 5sxParcheggi Via Leopardi / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 106

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(169.821 m, 462.910 m, 0.850 m)

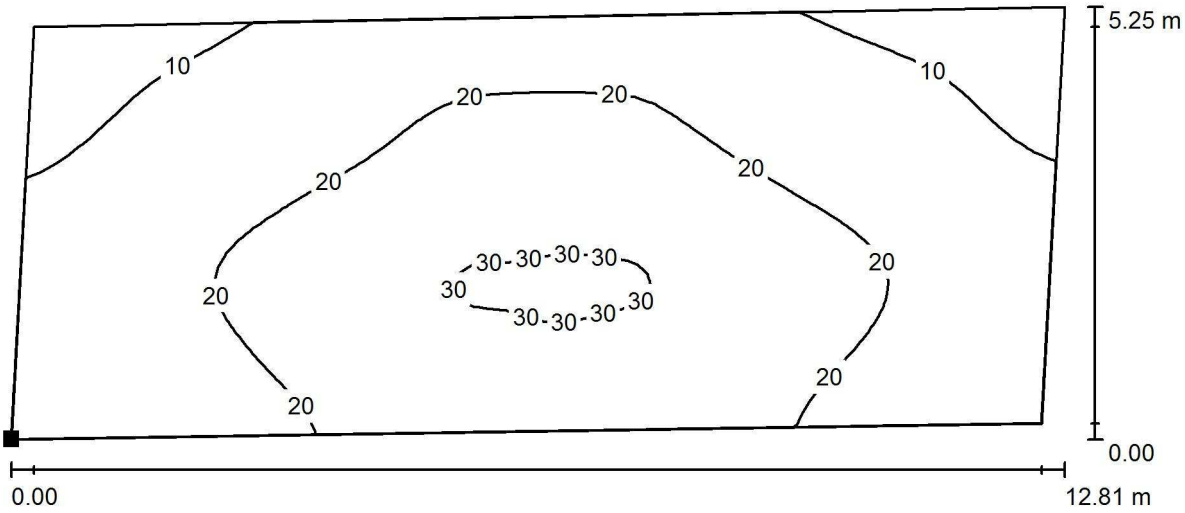


Reticolo: 64 x 32 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
19	5.76	32	0.309	0.182

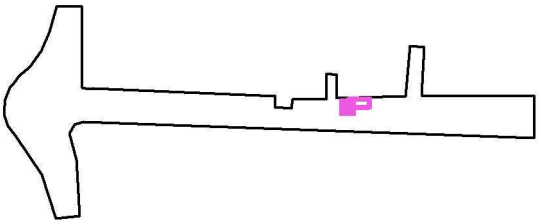
Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Scena esterna / 5dxParcheggi Via Leopardi / Isolinee (E, perpendicolare)



Valori in Lux, Scala 1 : 92

Posizione della superficie nella scena esterna:
Punto contrassegnato:
(203.320 m, 463.215 m, 0.850 m)

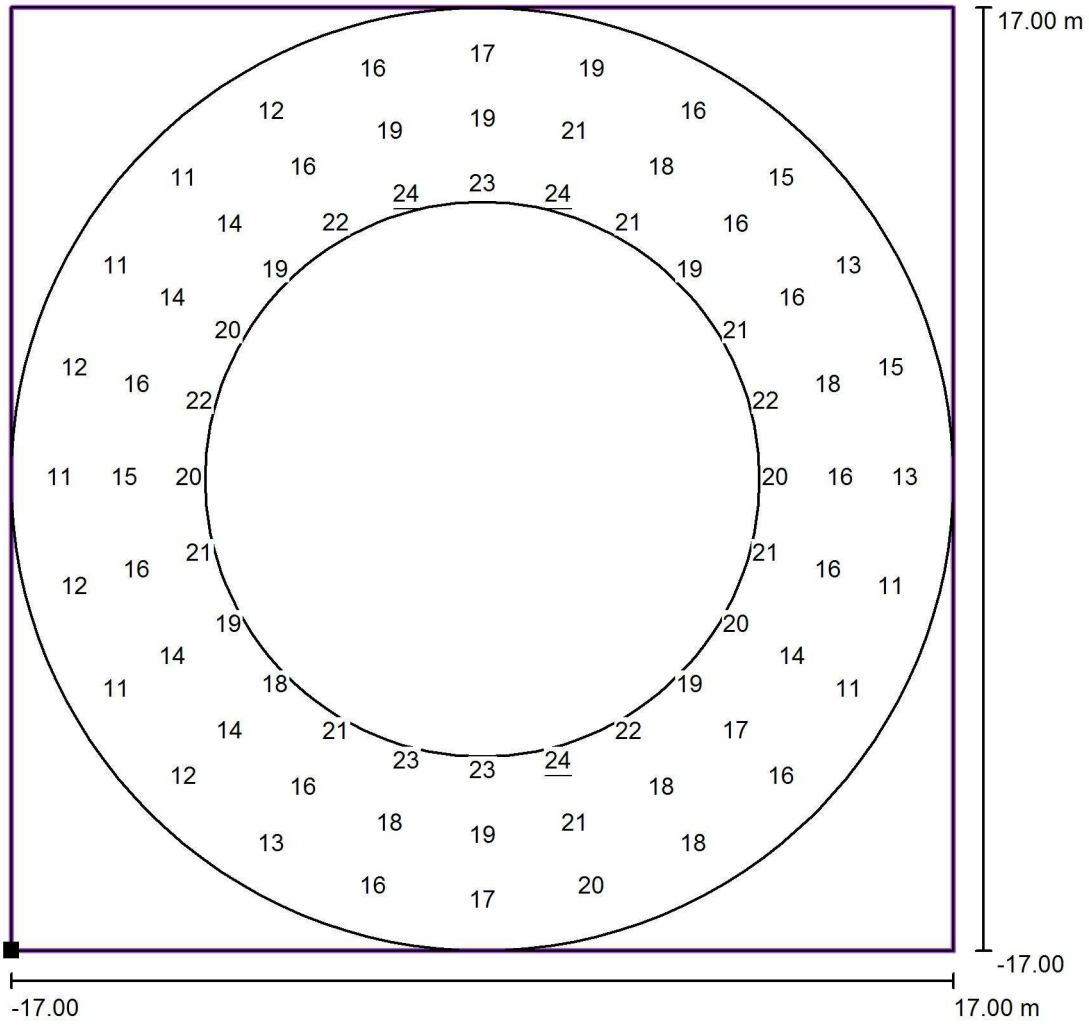


Reticolo: 64 x 32 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
19	4.62	32	0.248	0.147

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

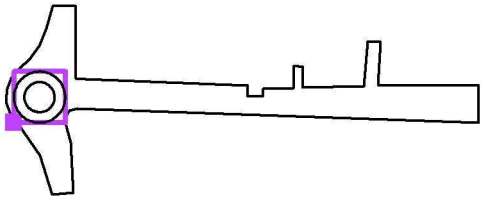
Scena esterna / Griglia di calcolo rotatoria / Grafica dei valori (E, perpendicolare)



Valori in Lux, Scala 1 : 273

Impossibile visualizzare tutti i valori calcolati.

Posizione della superficie nella scena esterna:
Punto contrassegnato: (5.100 m, 445.400 m, 0.000 m)



Reticolo: 24 x 6 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
17	9.26	24	0.56	0.38

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

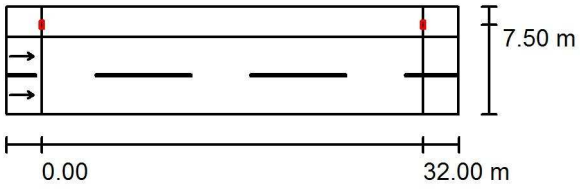
Via Leopardi / Dati di pianificazione

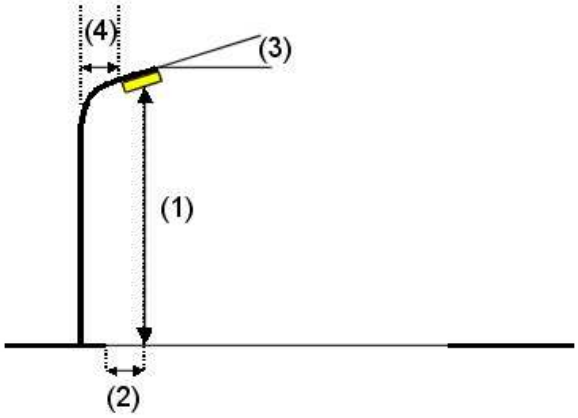
Profilo strada

Pista ciclopedonale	(Larghezza: 2.500 m)
Carreggiata 1	(Larghezza: 6.500 m, Numero corsie: 2, Manto stradale: R3, q0: 0.070)

Fattore di manutenzione: 0.80

Disposizioni lampade





Lampada:	AEC ILLUMINAZIONE SRL ITALO 1 0F3 STE-S 4.5-2M ITALO 1 0F3 STE-S 4.5-2M
Flusso luminoso (Lampada):	4440 lm
Flusso luminoso (Lampadine):	4440 lm
Potenza lampade:	41.5 W
Disposizione:	un lato, in alto
Distanza pali:	32.000 m
Altezza di montaggio (1):	8.000 m
Altezza fuochi:	7.894 m
Distanza dal bordo stradale (2):	-1.000 m
Inclinazione braccio (3):	0.0 °
Lunghezza braccio (4):	1.500 m

Valori massimi dell'intensità luminosa

per 70°:	473 cd/klm
per 80°:	32 cd/klm
per 90°:	0.00 cd/klm

Per tutte le direzioni che, per le lampade installate e utilizzabili, formano l'angolo indicato con le verticali inferiori.

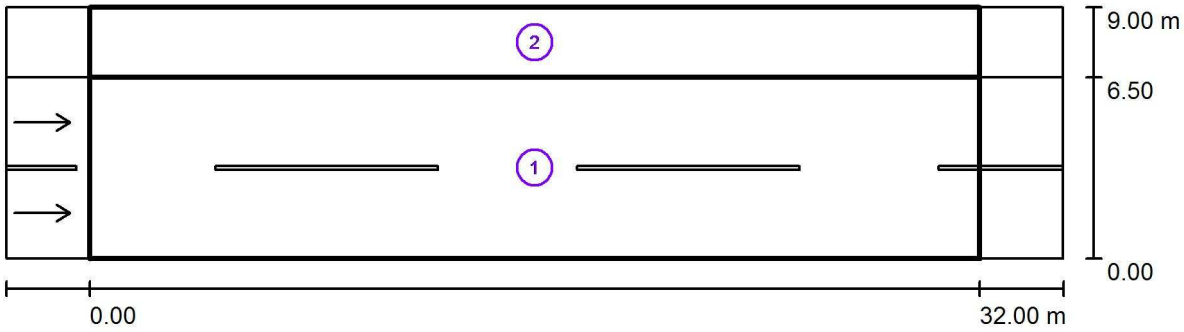
Nessuna intensità luminosa superiore a 90°.

La disposizione rispetta la classe di intensità luminosa G4.

La disposizione rispetta la classe degli indici di abbagliamento D.6.

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Via Leopardi / Risultati illuminotecnici



Fattore di manutenzione: 0.80

Scala 1:272

Lista campo di valutazione

1 Campo di valutazione Carreggiata 1
Lunghezza: 32.000 m, Larghezza: 6.500 m
Reticolo: 11 x 6 Punti
Elementi stradali corrispondenti: Carreggiata 1.
Manto stradale: R3, q0: 0.070
Classe di illuminazione selezionata: ME5 (Tutti i requisiti fotometrici sono rispettati.)

	L_m [cd/m²]	U0	UI	TI [%]	SR
Valori reali calcolati:	0.52	0.40	0.59	10	0.64
Valori nominali secondo la classe:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15	≥ 0.50
Rispettato/non rispettato:	✓	✓	✓	✓	✓

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Via Leopardi / Risultati illuminotecnici

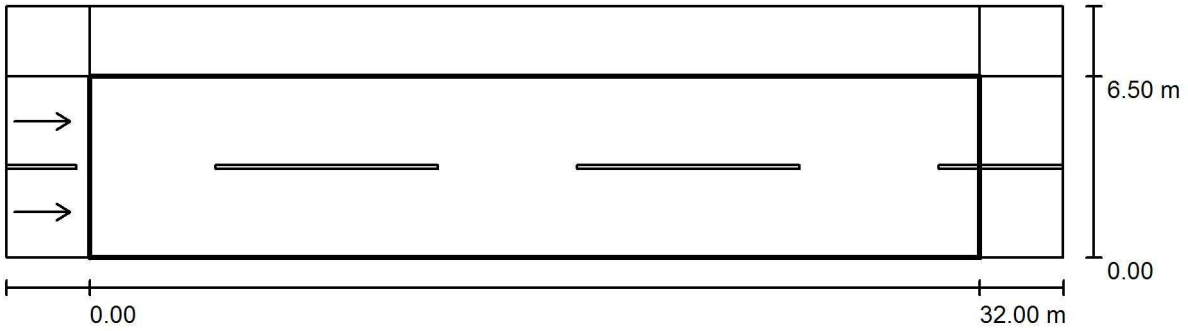
Lista campo di valutazione

2 Campo di valutazione Pista ciclopedonale
Lunghezza: 32.000 m, Larghezza: 2.500 m
Reticolo: 11 x 3 Punti
Elementi stradali corrispondenti: Pista ciclopedonale.
Classe di illuminazione selezionata: S3 (Tutti i requisiti fotometrici sono rispettati.)

	E_m [lx]	E_{min} [lx]
Valori reali calcolati:	9.56	2.92
Valori nominali secondo la classe:	≥ 7.50	≥ 1.50
Rispettato/non rispettato:	✓	✓

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Via Leopardi / Campo di valutazione Carreggiata 1 / Panoramica risultati



Fattore di manutenzione: 0.80

Scala 1:272

Reticolo: 11 x 6 Punti
Elementi stradali corrispondenti: Carreggiata 1.
Manto stradale: R3, q0: 0.070
Classe di illuminazione selezionata: ME5

(Tutti i requisiti fotometrici sono rispettati.)

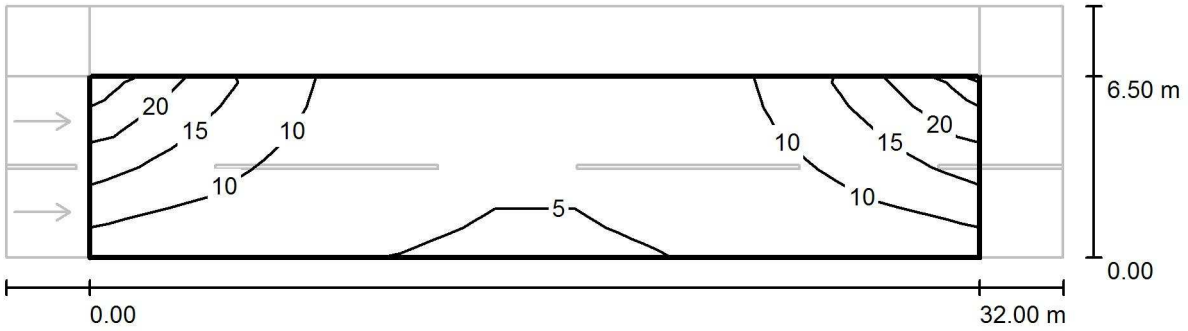
	L_m [cd/m²]	U0	UI	TI [%]	SR
Valori reali calcolati:	0.52	0.40	0.59	10	0.64
Valori nominali secondo la classe:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15	≥ 0.50
Rispettato/non rispettato:	✓	✓	✓	✓	✓

Osservatori corrispondenti (2 Pezzo):

No.	Osservatore	Posizione [m]	L_m [cd/m²]	U0	UI	TI [%]
1	Osservatore 1	(-60.000, 1.625, 1.500)	0.56	0.40	0.59	5
2	Osservatore 2	(-60.000, 4.875, 1.500)	0.52	0.42	0.59	10

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Via Leopardi / Campo di valutazione Carreggiata 1 / Isolinee (E)



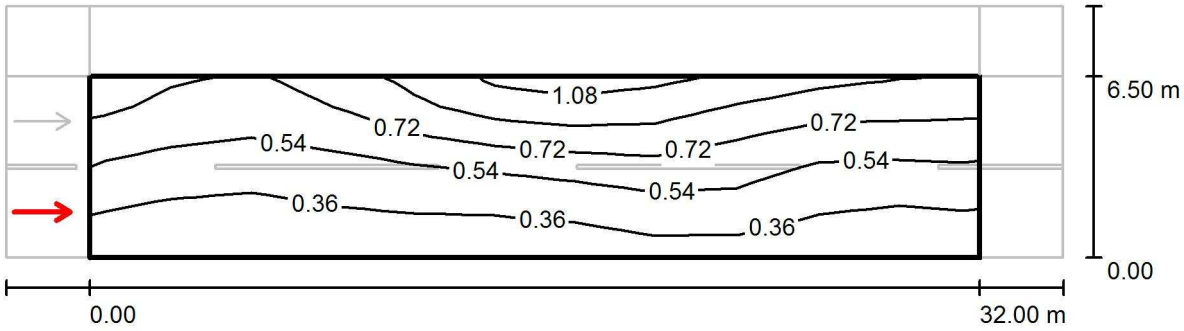
Valori in Lux, Scala 1 : 272

Reticolo: 11 x 6 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
9.33	3.85	24	0.413	0.162

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Via Leopardi / Campo di valutazione Carreggiata 1 / Osservatore 1 / Isolinee (L)



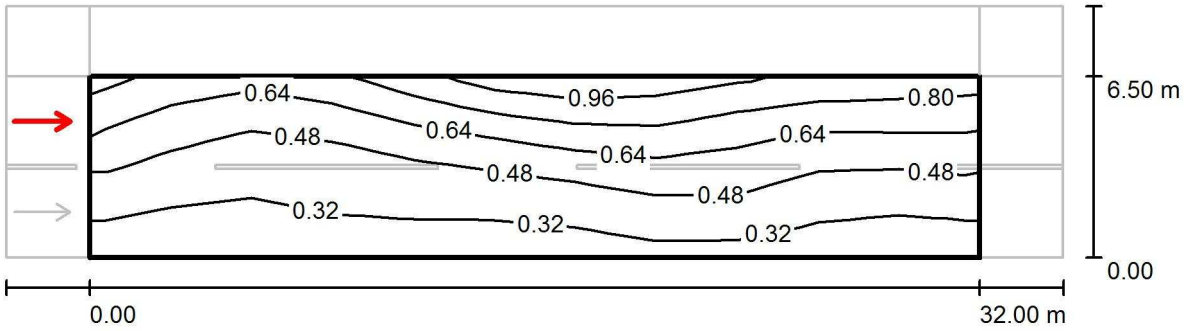
Valori in Candela/m², Scala 1 : 272

Reticolo: 11 x 6 Punti
Posizione dell'osservatore: (-60.000 m, 1.625 m, 1.500 m)
Manto stradale: R3, q0: 0.070

	L_m [cd/m²]	U0	UI	TI [%]
Valori reali calcolati:	0.56	0.40	0.59	5
Valori nominali secondo la classe ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Rispettato/non rispettato:	✓	✓	✓	✓

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Via Leopardi / Campo di valutazione Carreggiata 1 / Osservatore 2 / Isolinee (L)



Valori in Candela/m², Scala 1 : 272

Reticolo: 11 x 6 Punti
Posizione dell'osservatore: (-60.000 m, 4.875 m, 1.500 m)
Manto stradale: R3, q0: 0.070

	L_m [cd/m²]	U0	UI	TI [%]
Valori reali calcolati:	0.52	0.42	0.59	10
Valori nominali secondo la classe ME5:	≥ 0.50	≥ 0.35	≥ 0.40	≤ 15
Rispettato/non rispettato:	✓	✓	✓	✓

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Via Leopardi / Campo di valutazione Pista ciclopedonale / Panoramica risultati

Fattore di manutenzione: 0.80

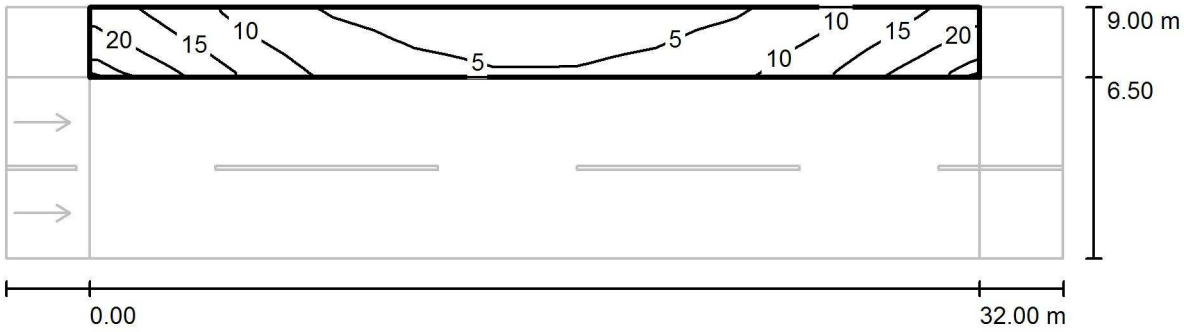
Scala 1:272

Reticolo: 11 x 3 Punti
Elementi stradali corrispondenti: Pista ciclopedonale.
Classe di illuminazione selezionata: S3 (Tutti i requisiti fotometrici sono rispettati.)

	E_m [lx]	E_{min} [lx]
Valori reali calcolati:	9.56	2.92
Valori nominali secondo la classe:	≥ 7.50	≥ 1.50
Rispettato/non rispettato:	✓	✓

Redattore Roberto Rossato
Telefono 0445/532582
Fax 0445/532582
e-Mail r_rossato@libero.it

Via Leopardi / Campo di valutazione Pista ciclopedonale / Isolinee (E)



Valori in Lux, Scala 1 : 272

Reticolo: 11 x 3 Punti

E_m [lx]	E_{min} [lx]	E_{max} [lx]	E_{min} / E_m	E_{min} / E_{max}
9.56	2.92	23	0.305	0.125

ISTRUZIONI DI MONTAGGIO E MANUTENZIONE

Fig. 1

Viti M8 + rondelle grower e rondelle piane
Chiave brugola: 6mm
Momento torcente: 10Nm

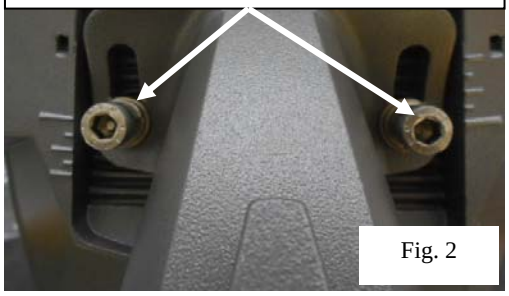


Fig. 2

MONTAGGIO E MANUTENZIONE

Montaggio su testa-palo o braccio
ITALO 1 viene fornito con attacco universale testa-palo/braccio in funzione della versione ordinata:

- attacco Ø33mm-60mm.
- attacco Ø60mm-76mm.

Posizionare l'attacco come indicato in Fig. 5A (Testa-palo) o in Fig. 5B (Braccio).
Inclinazioni possibili:

- attacco testa-palo: 0°, +5°, +10°, +15°, +20°
- attacco braccio: 0°, -5°, -10°, -15°, -20°

Utilizzare le opportune tacche di regolazione come indicato in Fig. 3A e 3B.

La regolazione dell'inclinazione dell'apparecchio può essere effettuata allentando solamente le due viti (Fig. 2).

Fissare l'attacco all'apparecchio con le due viti M8 secondo le indicazioni di Fig. 2.

Fissare l'attacco al palo/braccio secondo le indicazioni di Fig. 4.

Per evitare un eventuale allentamento dei grani, vengono forniti 2 dadi in acciaio inox 8Ma, da serrare sui grani con come indicato in Fig. 4.

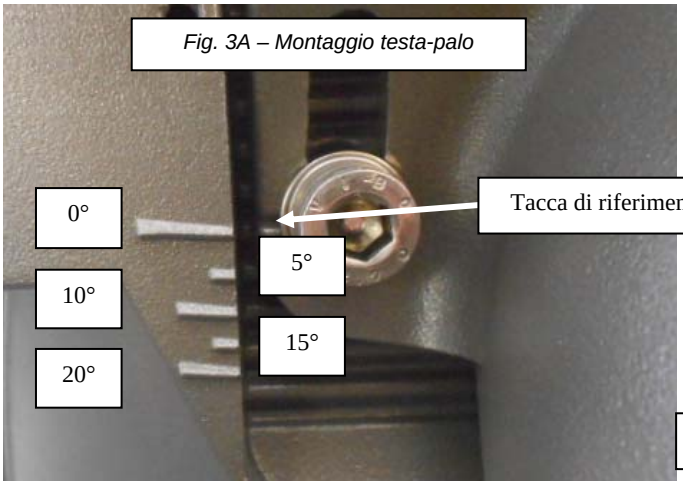


Fig. 3A – Montaggio testa-palo

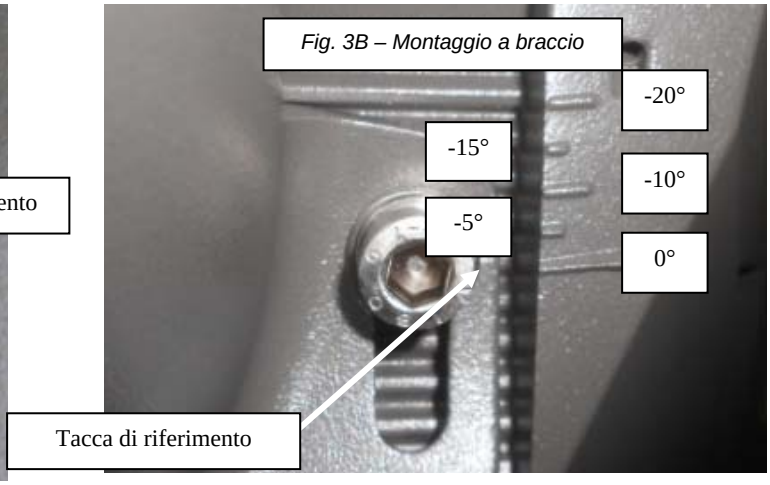


Fig. 3B – Montaggio a braccio

Grani M8
Chiave brugola: 4mm
Momento torcente: 8Nm

Dadi M8
Chiave inglese: 13mm
Momento torcente: 8Nm

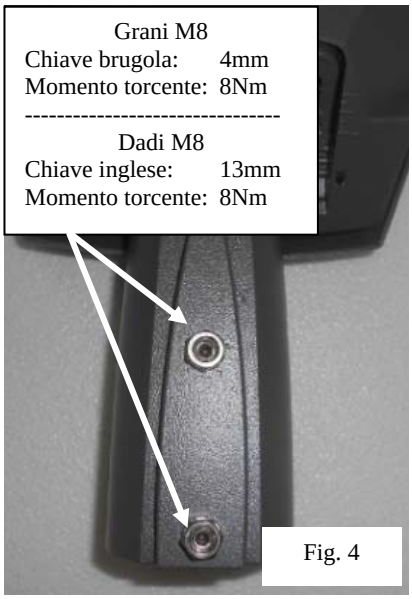


Fig. 4

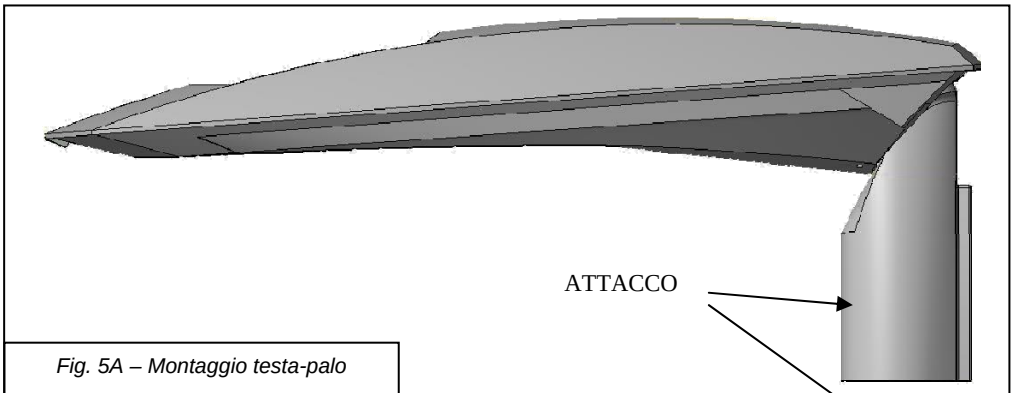


Fig. 5A – Montaggio testa-palo

Fig. 5B – Montaggio a braccio

Collegamenti elettrici

Per accedere alle parti elettriche, occorre sbloccare il gancio di chiusura (A – Fig. 6) e sollevare la copertura fino all'azione della cerniera (Fig.7).

- ***Apparecchio con pressacavo***: seguire le indicazioni di Fig. 8. Non è necessario serrare il fermacavo del sezionatore sulla guaina esterna del cavo di alimentazione. Il fermacavo deve comunque essere serrato per mantenere i cavi in posizione.
- ***Apparecchio con membrana***: seguire le indicazioni di Fig. 9. è necessario serrare il fermacavo del sezionatore sulla guaina esterna del cavo di alimentazione.

In caso l'apparecchio sia fornito con opzione PLM, prima della chiusura, annotarsi il serial number del dispositivo di telecontrollo.

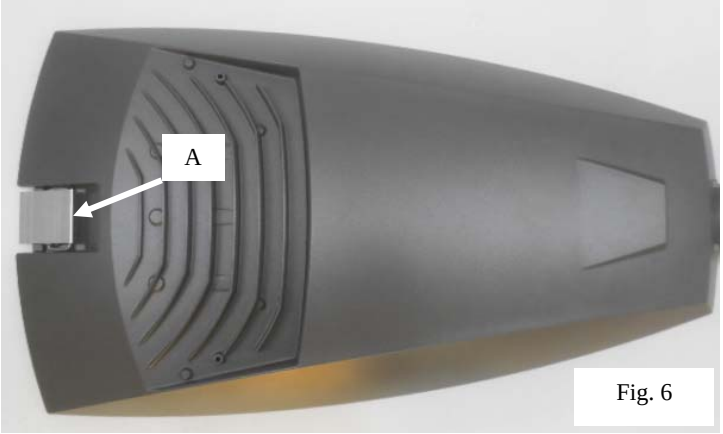


Fig. 6

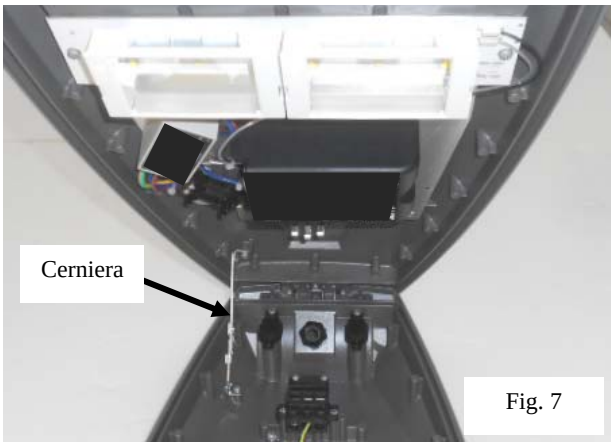


Fig. 7

VERSIONE CON PRESSACAVO

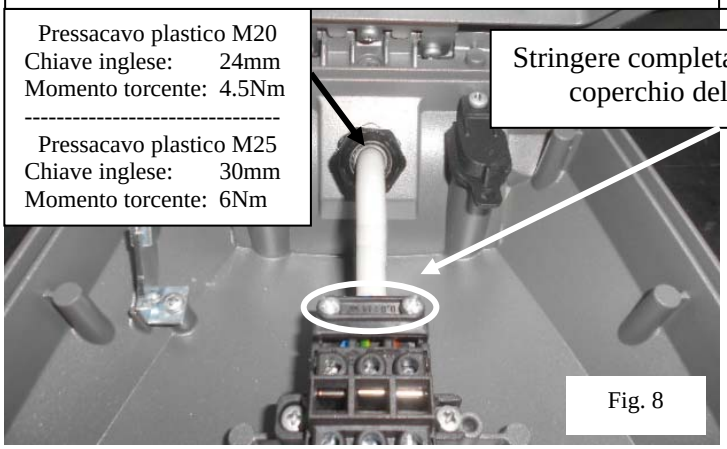


Fig. 8

VERSIONE CON MEMBRANA

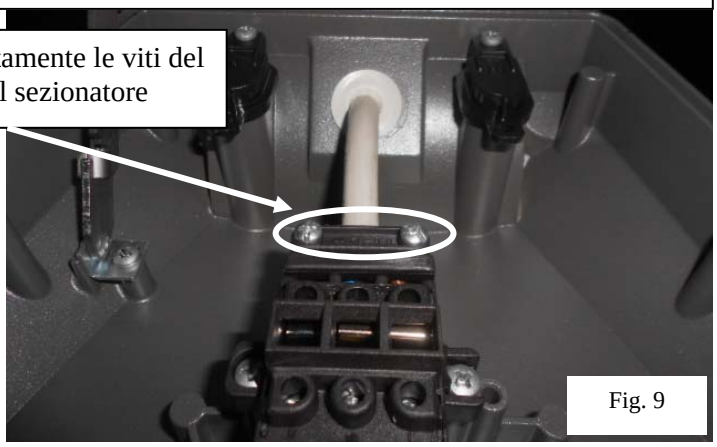
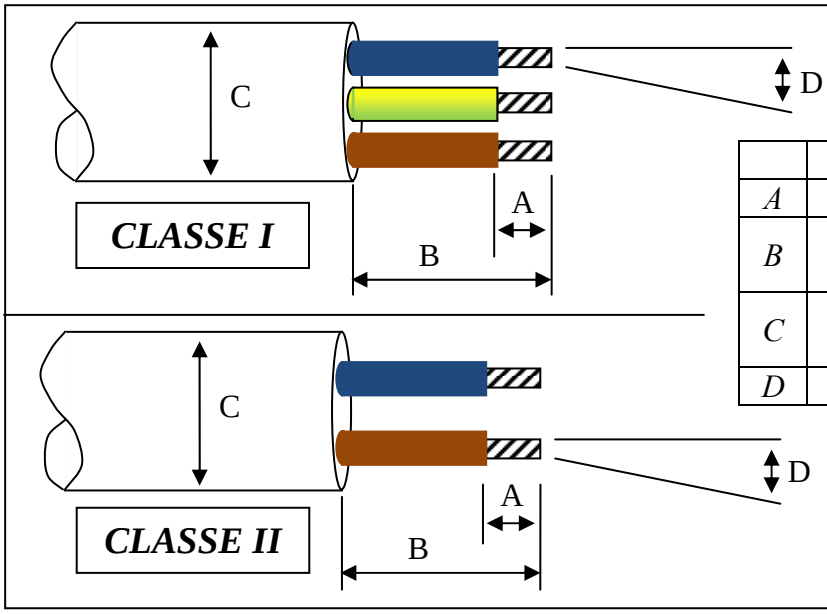


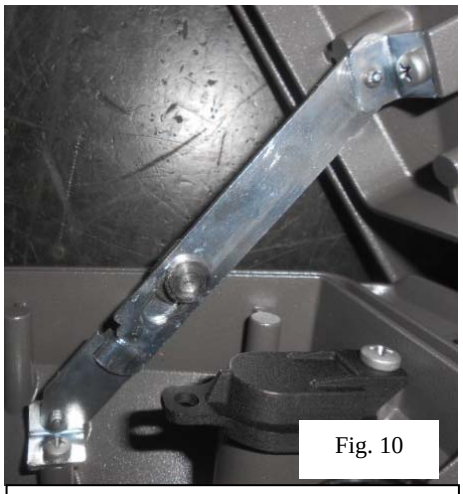
Fig. 9



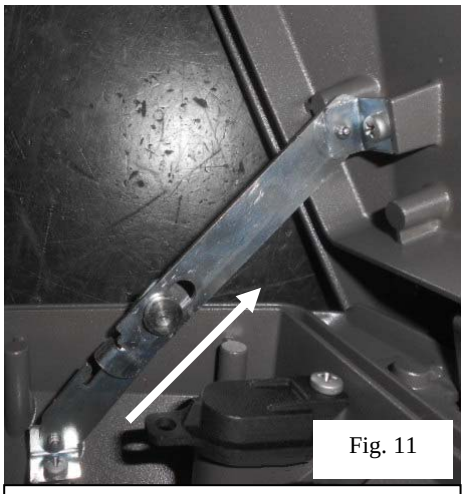
	Pressacavo	*Membrana*
A	*6 ÷7 mm*	*6 ÷7 mm*
B	*< 40mm (per cavi 2.5mmq)* *< 25mm (per cavi 1.5mmq)*	*< 25mm*
C	*M20: 8 ÷ 12mm* *M25: 10 ÷ 17mm*	*8 ÷ 12mm*
D	*≤ 2.5mmq*	*≤ 2.5mmq*

Chiusura apparecchio

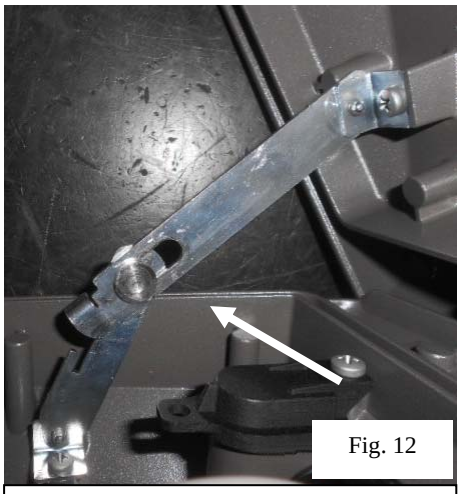
Per richiudere l'apparecchio seguire le indicazioni da Fig. 10 a Fig. 12.



Posizione iniziale



Alzare la copertura



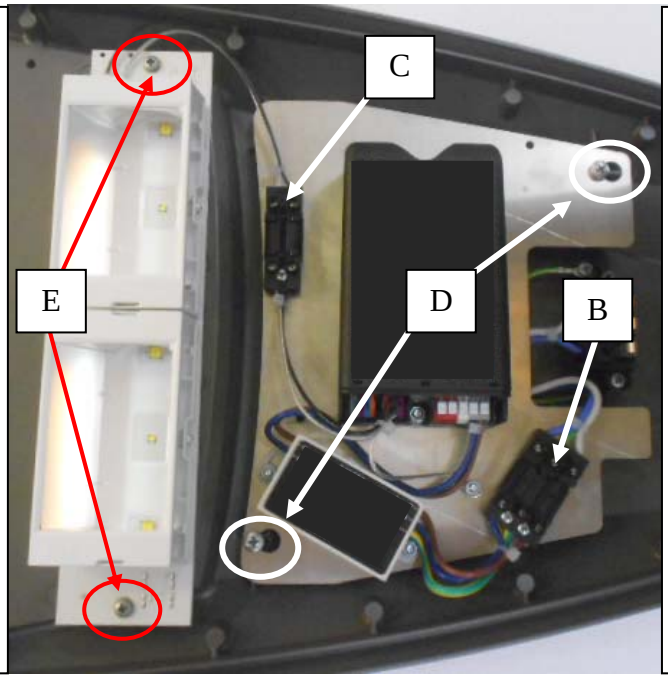
Sbloccare il perno della cerniera e abbassare la copertura

Estrazione modulo LED

1) Scollegare il connettore LED (C);
2) Allentare le viti (E);
3) Estrarre il modulo LED.

Inserimento modulo LED

1) Posizionare correttamente il modulo LED;
2) Stringere le viti (E);
3) Collegare il connettore LED (C).



Estrazione piastra cablaggio

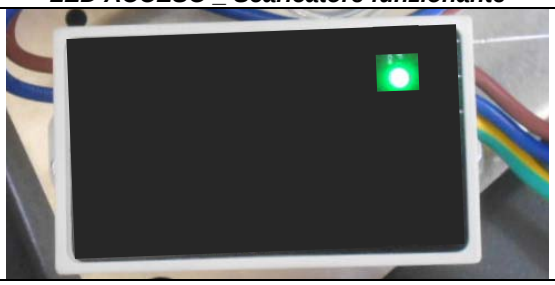
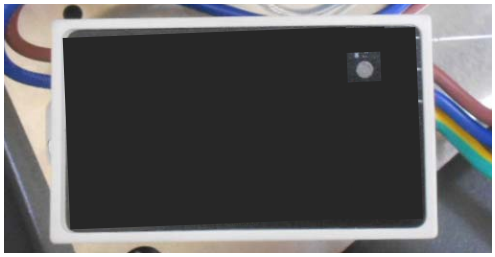
1) Scollegare il connettore di alimentazione (B);
2) Scollegare il connettore LED (C);
3) Allentare le 2 viti (D);
4) Estrarre il cablaggio.

Inserimento piastra cablaggio

1) Posizionare correttamente la piastra cablaggio;
2) Stringere le 2 viti (D);
3) Collegare il connettore LED (C);
4) Collegare il connettore di alimentazione (B).

MANUTENZIONE SPD

Il dispositivo di protezione installato nell'apparecchio è dotato di un sistema di interruzione del circuito a fine vita che esclude l'alimentazione dell'apparecchio.
In caso di spegnimento dell'apparecchio ad impianto alimentato, controllare l'attività del dispositivo tramite il LED di segnalazione.
Per questa operazione, utilizzare l'apposito accessorio richiesto direttamente ad AEC Illuminazione.

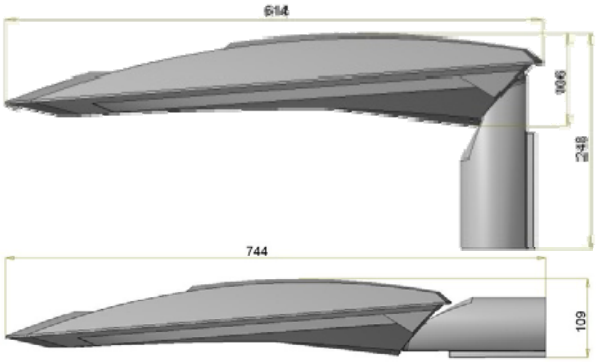
LED ACCESO _ Scaricatore funzionante	*LED SPENTO _ Scaricatore a fine vita da sostituire*
	

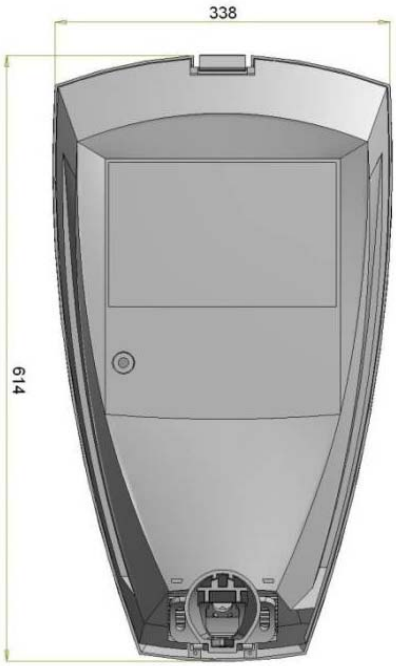
ISTRUZIONI DI MONTAGGIO E MANUTENZIONE

L'apparecchio ITALO 1 è classificato come "**EXEMPT GROUP**" secondo la norma **IEC/EN 62471** sulla sicurezza fotobiologica.

NESSUN RISCHIO

per gli operatori e gli utilizzatori finali.





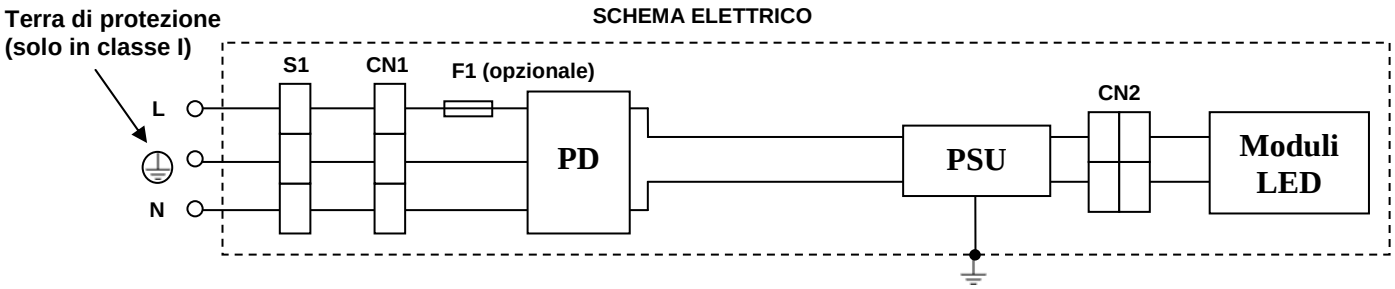
Superficie laterale:	0.06m^2
Superficie di base:	0.18m^2
Coefficiente di forma:	1.2
Altezza massima:	15m
Temperatura ambiente	35°C
Uso	Interno / Esterno
ITALO 1 1M	5.2kg ÷ 5.9kg
ITALO 1 2M	5.3kg ÷ 6.7kg
ITALO 1 3M	6.0kg ÷ 6.9kg
ITALO 1 4M	6.1kg ÷ 7.0kg

INFORMAZIONI AGLI UTENTI

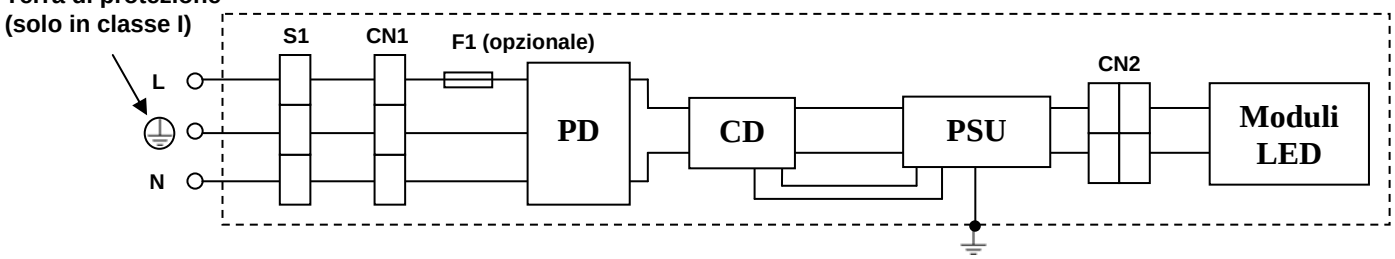
Ai sensi dell'art. 13 del Decreto Legislativo 25 luglio 2005, n. 151: "Attuazione delle Direttive 2002/95/CE, 2002/96/CE e 2003/108/CE, relative alla riduzione dell'uso di sostanze pericolose nelle apparecchiature elettriche ed elettroniche, nonché allo smaltimento dei rifiuti".

Il simbolo del cassonetto barrato riportato sull'apparecchiatura indica che il prodotto, alla fine della propria vita utile, deve essere trattato separatamente dai rifiuti domestici. L'utente dovrà, pertanto, conferire l'apparecchiatura giunta a fine vita agli idonei centri di raccolta differenziata dei rifiuti elettrici ed elettronici, oppure riconsegnarla al rivenditore al momento dell'acquisto di una nuova apparecchiatura di tipo equivalente, in ragione di uno a uno. L'adeguata raccolta differenziata per l'avvio successivo dell'apparecchio dismesso al riciclaggio, al trattamento e allo smaltimento ambientalmente compatibile, contribuisce ad evitare possibili effetti negativi sull'ambiente e sulla salute e favorisce il riciclo dei materiali di cui è composta l'apparecchiatura. Lo smaltimento abusivo del prodotto da parte dell'utente comporta l'applicazione delle sanzioni amministrative di cui al D.Lgs. n. 22/1997 (articolo 50 e seguenti).

SCHEMA ELETTRICO

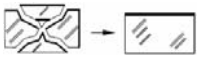


SCHEMA ELETTRICO CON PLM



F	Fusibile 250Vac 10A (da prevedere esternamente se non presente nell'apparecchio)	**PD**	Circuito di protezione
CN	Connettore	**PSU**	Alimentatore LED
S	Sezionatore	**CD**	Dispositivo di controllo

NOTE



a) L'apparecchio è adatto al montaggio su superfici normalmente infiammabili.
b) L'apparecchio in classe II deve essere installato in modo che le parti metalliche esposte non siano in contatto elettrico con parti dell'installazione elettrica collegata ad un conduttore di protezione.
c) L'apparecchio è stato progettato e viene costruito nel rispetto delle normative in vigore: è necessario che l'installazione sia eseguita correttamente secondo le istruzioni.
d) È altresì necessario conservare queste istruzioni e metterle a disposizione di tutti gli operatori che si occuperanno della normale manutenzione. L'inadempienza di quanto sopra comporta l'automatica decadenza della nostra responsabilità.

ZambelliPio s.a.s.
Rappresentanze elettroindustriali
Via Trieste, 69 - 45030 Crespino (RO)
Tel. 0425 - 77225 – Fax 0425 - 785007
E-mail: infotec@zambellipiosas.it - infocom@zambellipiosas.it
Web site: www.zambellipiosas.it

PALO CONICO VERNICIATO MODELLO PC 388V

Palo troncoconico diritto a sezione circolare serie PC prodotto dalla ditta Cml S.r.l., realizzato in lamiera di acciaio S 235 JR (UNI EN 10025).
Palo modello **PC 388V** ricavato da un trapezio piegato longitudinalmente fino ad ottenere la conformazione a tronco di cono e successivamente saldato mediante processo automatico certificato IIS,avente diametro di base 148mm, diametro di testa 60mm, spessore 3mm, peso 68Kg, altezza totale 8800mm di cui 800 da innestare in apposito plinto.
Il sostegno è provvisto delle 03 lavorazioni standard della base che comprendono l'asola entrata cavi a 600mm, l'attacco m.a.t. a bandiera con marchio Cml a 900mm e l'asola per morsettiera di dimensione 186x45mm a 1800mm.
Protezione contro la corrosione mediante zincatura a caldo di tutti gli elementi componenti, eseguita in conformità alla normativa UNI EN 1461 e successivamente verniciato RAL ……
Verniciatura realizzata con il seguente ciclo: asportazione meccanica dei residui di zinco, sgrassaggio, risciacquo acqua di rete, decapaggio acido, risciacquo acqua di rete, passivazione dello zinco a base di zirconio, risciacquo acqua di rete, risciacquo acqua demineralizzata, asciugatura in forno, verniciatura con polveri poliestere. La verniciatura dovrà avere spessore medio 70/80 micron e soddisfare le norme DIN 53152 – 53156 – 53151; dovrà garantire resistenza alla corrosione della nebbia salina per circa 1000 ore, come da norma ASPM-B-117-61.
I pali sono costruiti in conformità alla norma UNI EN 40-5 e alle norme collegate: Tolleranze dimensionali secondo UNI EN 40-2, materiali UNI EN 40-5, specifica dei carichi caratteristici UNI EN 40-3-1, verifica mediante calcolo UNI EN 40-3-3, protezione della superficie UNI EN 40-4.
In conformità alla legislazione vigente CEE 89/106 del 21/12/88 e DPR 246 del 21/04/93, in ogni singolo palo sarà applicata una targa adesiva con la marcatura CE e dovrà riportare il numero d'identificazione dell'ente notificato, la norma di riferimento EN 40-5, il codice univoco del prodotto, l'anno di marcatura e l'identificazione del produttore.
Documentazione tecnica: Tabella delle prestazioni del palo elaborata secondo UNI EN 40-3-3, dichiarazione di conformità CE per ogni lotto di fornitura.

ACCESSORI:

Portello Zippo per feritoia 186x45mm serie Gico realizzato in zama presso-fusa con trattamento superficiale mediante zincatura, per rendere l'intero corpo resistente all'invecchiamento e agli agenti atmosferici e successivamente verniciato RAL …… Guarnizione perimetrale realizzata in gomma EPDM, con estremità del bordo a flangia che aderisce perfettamente tra il portello e la superficie del palo per garantire un grado di protezione IP54.
Il portello è dotato di doppia serratura esagonale in acciaio inox per serraggio su palo e di morsettiera da incasso serie Gico 416/1 in classe II corredata di morsetto 4x16mmq e di nr. 01 portafusibile sezionabile.

ZambelliPio s.a.s.
Rappresentanze elettroindustriali
Via Trieste, 69 - 45030 Crespino (RO)
Tel. 0425 - 77225 – Fax 0425 - 785007
E-mail: infotec@zambellipiosas.it - infocom@zambellipiosas.it
Web site: www.zambellipiosas.it

PALO CONICO VERNICIATO MODELLO PC 398V

Palo troncoconico diritto a sezione circolare serie PC prodotto dalla ditta Cml S.r.l., realizzato in lamiera di acciaio S 235 JR (UNI EN 10025).
Palo modello **PC 398V** ricavato da un trapezio piegato longitudinalmente fino ad ottenere la conformazione a tronco di cono e successivamente saldato mediante processo automatico certificato IIS,avente diametro di base 158mm, diametro di testa 60mm, spessore 3mm, peso 80Kg, altezza totale 9800mm di cui 800 da innestare in apposito plinto.
Il sostegno è provvisto delle 03 lavorazioni standard della base che comprendono l'asola entrata cavi a 600mm, l'attacco m.a.t. a bandiera con marchio Cml a 900mm e l'asola per morsettiera di dimensione 186x45mm a 1800mm.
Protezione contro la corrosione mediante zincatura a caldo di tutti gli elementi componenti, eseguita in conformità alla normativa UNI EN 1461 e successivamente verniciato RAL ……
Verniciatura realizzata con il seguente ciclo: asportazione meccanica dei residui di zinco, sgrassaggio, risciacquo acqua di rete, decapaggio acido, risciacquo acqua di rete, passivazione dello zinco a base di zirconio, risciacquo acqua di rete, risciacquo acqua demineralizzata, asciugatura in forno, verniciatura con polveri poliestere. La verniciatura dovrà avere spessore medio 70/80 micron e soddisfare le norme DIN 53152 – 53156 – 53151; dovrà garantire resistenza alla corrosione della nebbia salina per circa 1000 ore, come da norma ASPM-B-117-61.
I pali sono costruiti in conformità alla norma UNI EN 40-5 e alle norme collegate: Tolleranze dimensionali secondo UNI EN 40-2, materiali UNI EN 40-5, specifica dei carichi caratteristici UNI EN 40-3-1, verifica mediante calcolo UNI EN 40-3-3, protezione della superficie UNI EN 40-4.
In conformità alla legislazione vigente CEE 89/106 del 21/12/88 e DPR 246 del 21/04/93, in ogni singolo palo sarà applicata una targa adesiva con la marcatura CE e dovrà riportare il numero d'identificazione dell'ente notificato, la norma di riferimento EN 40-5, il codice univoco del prodotto, l'anno di marcatura e l'identificazione del produttore.
Documentazione tecnica: Tabella delle prestazioni del palo elaborata secondo UNI EN 40-3-3, dichiarazione di conformità CE per ogni lotto di fornitura.

ACCESSORI:

Portello Zippo per feritoia 186x45mm serie Gico realizzato in zama presso-fusa con trattamento superficiale mediante zincatura, per rendere l'intero corpo resistente all'invecchiamento e agli agenti atmosferici e successivamente verniciato RAL …... Guarnizione perimetrale realizzata in gomma EPDM, con estremità del bordo a flangia che aderisce perfettamente tra il portello e la superficie del palo per garantire un grado di protezione IP54.
Il portello è dotato di doppia serratura esagonale in acciaio inox per serraggio su palo e di morsettiera da incasso serie Gico 416/1 in classe II corredata di morsetto 4x16mmq e di nr. 01 portafusibile sezionabile.

DICHIARAZIONE DI CONFORMITÀ

Il seguente costruttore

Costruttore: **AEC ILLUMINAZIONE S.r.l.**

Indirizzo: Zona industriale Castelnuovo n°256
52010 Subbiano (AR) - Italia

dichiara qui di seguito che il prodotto

ECOARKE' 150W SHP OPDX CL.2 COL. 02
Cod. PEA2RAKM15A2_02

apparecchio di illuminazione per l'istallazione fissa

presenta caratteristiche fotometriche conformi a quanto previsto dalla seguente legge

Regione Veneto - Legge Regionale n° 17 del 7 agosto 2009

Subbiano, 17/12/10
[PL]

AEC ILLUMINAZIONE S.r.l.

Rapporto di rilievo
Test Report

Costruttore *(Manufacturer)*	AEC ILLUMINAZIONE SRL Via Righi, 4 Castelnuovo di Subbiano (AR)
Tipo di prodotto *(Product type)*	Apparecchio di illuminazione per esterni *(Outdoor lighting fixture)*
Codice fotometria *(Photometry code)*	ITALO 1 0F3 STE-M 4.5-3M
Rilievo fotometrico *(Photometric measurement)*	ITALO 1 0F3 STE-M 4.5-3M
Descrizione apparecchio *(Fitting description)*	ITALO 1 0F3 STE-M 4.5-3M
Data delle prove *(Date of test)*	01-04-2014

Responsabile laboratorio fotometrico *(Photometric Laboratory manager)*	Luca Vagheggi	
Tecnico laboratorio che ha eseguito la misura *(Laboratory operator)*	Alessio Vagheggi	

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

Documentazione e Allegati
(Documentation and Annex)

Rapporto di Rilievo *(Test Report)*	**Descrizione generale** *(General description)*	
	Responsabile laboratorio fotometrico *(Photometric Laboratory Manager)*	
	Oggetto delle prove *(Object of the tests)*	
	Dati apparecchio *(Luminaire data)*	
	Normative di riferimento *(Reference standards)*	
	Condizioni di prova e strumentazione di misura *(Test conditions and measurement instruments)*	
	Dati rilievo *(Test data)*	
	Incertezza strumentale *(Instrumental accuracy)*	
Allegati *(Annex)*	**Matrice delle Intensità (cd/Klm)** *(Intensity table)*	√
	Diagramma Polare *(Polar diagram)*	√
	Diagramma Cartesiano *(Cartesian diagram)*	
	Classificazione Energetica *(Energy saving classification)*	
	Isolux *(Isolux diagram)*	
	Isocandela *(Isocandle diagram)*	
	Classificazione Strade *(Street classification)*	
	Classificazione Strade IES TM-15 *(IES TM-15 street classification)*	
	File Fotometrico Eulumdat *(Eulumdat photometric file)*	
	File Fotometrico IES *(IES photometric file)*	

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

OGGETTO DELLE PROVE

(Object of tests)

Costruttore *(Manufacturer)*	AEC ILLUMINAZIONE SRL
Tipo di prodotto *(Product type)*	Apparecchio di illuminazione per esterni *(Outdoor lighting fixture)*
Codice fotometria *(Photometry code)*	ITALO 1 0F3 STE-M 4.5-3M
Rilievo fotometrico *(Photometric measurement)*	ITALO 1 0F3 STE-M 4.5-3M
Descrizione apparecchio *(Fitting description)*	ITALO 1 0F3 STE-M 4.5-3M
Data delle prove *(Date of test)*	01-04-2014
Numero di esemplari provati *(Number of test samples)*	1
Numero rilievi *(Number of measurements)*	1

DATI APPARECCHIO

(Fitting data)

Geometria apparecchio *(Fitting shape)*	Rettangolare *(Rectangular)*
Dimensioni apparecchio *(Fitting dimensions)*	615x343x106 mm
Dimensioni area luminosa *(Luminous area dimensions)*	120x220 mm
Tipo sorgente *(Type of source)*	9 LED 4000K CRI70min.
Efficienza nominale sorgente *(Rated source efficiency)*	140lm/W@525mA Tj=85°C
Flusso e potenza apparecchio *(Luminaire luminous flux and input power)*	6590lm_61W
Efficienza sistema *(System efficiency)*	108 lm/W

NORMATIVE DI RIFERIMENTO

(Reference standards)

Normative di riferimento *(Reference standards)*	UNI EN 13032-1:2012 "Misurazione e presentazione dei dati fotometrici di lampade e apparecchi di illuminazione" Parte1: Misurazione e formato di file. *UNI EN 13032-1:2012 "Measurement and presentation of photometric data of lamps and luminaires" Part1: Measurement and file format.* UNI 11356:2010 "Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED"
Valutazione luce parassita *(Light inside evaluation)*	In accordo con Annex A UNI EN 13032-1 *(According to Annex A UNI EN 13032-1)*

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

CONDIZIONI DI PROVA E STRUMENTAZIONI DI MISURA

(Test conditions and measuring instruments)

Laboratorio fotometrico *(Photometric laboratory)*	Interno AEC ILLUMINAZIONE srl, in regime di sistema di qualità aziendale certificato ISO 9001:2008, certificato UL *(Internal AEC ILLUMINAZIONE srl, under ISO 9001:2008 quality system and UL certified)*			
Condizioni ambientali *(Environmental conditions)*	Temperatura ambiente 25°+/-1° C *(Ambient temperature)*			
	Umidità relativa 50+/-5% *(Relative humidity)*			
	Movimento aria nell'area di prova <0.2m/s *(Air flow in the test area)*			
Condizioni geometriche di misura *(Geometrical test conditions)*	In conformità alla UNI EN 13032-1:2012, alla UNI 11356:2010 e alle specifiche tecniche dello strumento di misura ed alle specifiche tecniche dell'apparecchio in prova. *(According to UNI EN 13032-1:2012,UNI 11356:2010 and technical specification of measuring instrument and technical specification of fixture under test.)*			
Goniofotometro *(Goniophotometer)*	A rotazione dell'apparecchio secondo EN 13032 e raccomandazione CIE 121 *Rotational according to EN 13032 and CIE 121 raccomandation*			
	☐ LAB 1	PRC KROCHMAN 702		
	☑ LAB 2	Oxytech T2		
	Distanza di misura *(Measuring distance)*	☑ 9.03m	☐ 14m	☐ 17m
Wattmetro *(Power meter)*	☐ Stabilizzatore/Analizzatore AGILENT 6812B *(AC source stabilizer/analyzer AGILENT 6812B)* ☑ Wattmetro Kinetiq N4L PPA2510 *(Kinetiq N4L PPA2510 Power Analyzer)*			
Luxmetro *(Luxmeter)*	☑ C&G			
Alimentazione campione in prova *(Power supply of tested sample)*	☐ Stabilizzatore/Analizzatore AGILENT 6812B *(AC source stabilizer/analyzer AGILENT 6812B)* ☑ Stabilizzatore ELETTROTEST TPS/M 6000 *(Stabilizer ELETTROTEST TPS/M)*			
	Tensione di alimentazione 230V+/-0.2% *(AC power supply voltage)*			
	Frequenza di alimentazione 50Hz+/-0.1% (AC power supply frequency)			
	Distorsione armonica <0.5% *(Harmonic distortion)*			

I risultati delle verifiche e prove qui riportati, si riferiscono esclusivamente agli esemplari esaminati e descritti nella presente Relazione. L'estensione del riferimento ad esemplari che non siano quelli sottoposti alle verifiche descritte in seguito esula dallo scopo delle verifiche stesse. E' vietata la riproduzione integrale o parziale senza l'autorizzazione scritta di Aec illuminazione srl. L'immagine dell'apparecchio nella prima pagina è puramente indicativa della tipologia di apparecchio sottoposto a test.

(Result of tests and verification here reported are solely recere to the samples under test and described in this report. Scope of tests described in this report cannot be extended to other samples different to those referred. Partial or integral reproduction or copy of this report is forbidden without written authorization by AEC Illuminazione srl.) The image of the luminaire on the first page is merely indicative of the kind of luminaire under test.

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

DATI RILIEVO

(Measurement data)

Posizione di Misura *(Measurement position)*	Verticale *(Vertical)*
Tipo di rilievo *(Measurement type)*	C-Gamma
Tempo di stabilizzazione *(Time of stabilization)*	60 minuti *(60 minutes)*
Stabilizzazione flusso *(Flux stabilization)*	In accordo alla UNI 11356:2010 e EN 13032-1:2012, stabilità raggiunta con variazioni di flusso <1% *According to UNI 11356:2010 and EN 13032-1:2012, less than 1% of luminous flux variation*
Stabilizzazione Potenza *(Power stabilization)*	In accordo alla UNI 11356:2010 e EN 13032-1:2012, stabilità raggiunta con variazioni di flusso <1% *According to UNI 11356:2010 and EN 13032-1:2012,less than 1% of input power variation*

INCERTEZZA STRUMENTALE

(Instrumental accuracy)

Encoder goniofotometro Oxytech T2 *(Goniophotometer Oxytech T2 encoder)*	Precisione angolare in C – gamma *(C-gamma angular precision)*	± 0.044°
Luxmetro C&G *(C&G luxmeter)*	f1'	< 1,23%
Wattmetro Kinetiq N4L PPA2510 *(Kinetiq N4L PPA2510 power analyzer)*	Accuratezza di potenza *(Power accuracy)*	< [0.05% + 0.03%/pf +(0.01%/kHz)/pf] Rdg + 0.05%VA Rng

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm
Valore Massimo	580.16 cd/klm	Posizione	C=150.00 G=58.00	Asimmetrico	

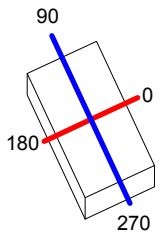
Apparecchio Rettangolare	Lung. 615 mm	Larg. 343 mm	Alt. 106 mm		
Area Luminosa Rettangolare	Lung. 120 mm	Larg. 220 mm	Alt. 0 mm		
Area Luminosa Orizzontale	0.026400 m2	Area Luminosa Piano 180°	0.000000 m2		
Area Luminosa Piano 0°	0.000000 m2	Area Luminosa Piano 270°	0.000000 m2		
Area Luminosa Piano 90°	0.000000 m2	Area Luminosa a 76°	0.006387 m2		
Tipo di Simmetria	Asimmetrico	Massimo Angolo Gamma	180		
Distanza di rilievo	0.00	Flusso di rilievo	6590.00 lm		
Operatore	Alessio Vagheggi	Tensione alimentazione			
Temperatura	25.00 °C	Corrente di alimentazione			
Umidità		Fotocellula			
Note					

Lampade Apparecchio

Archivio	Codice	Nome	Flusso [lm]	Pot. [W]	Q.tà
Eulumdat	L-IT1-0F3-4000-525-3M	L-IT1-0F3-4000-525-3M - 61.00 W	6590.00	61.00	1

C.I.E.	46 80 98 100 100	D DIN 5040	A30
F UTE	1.00 F	B NBN	BZ 5 / 1 / BZ 4

615mm x 343mm

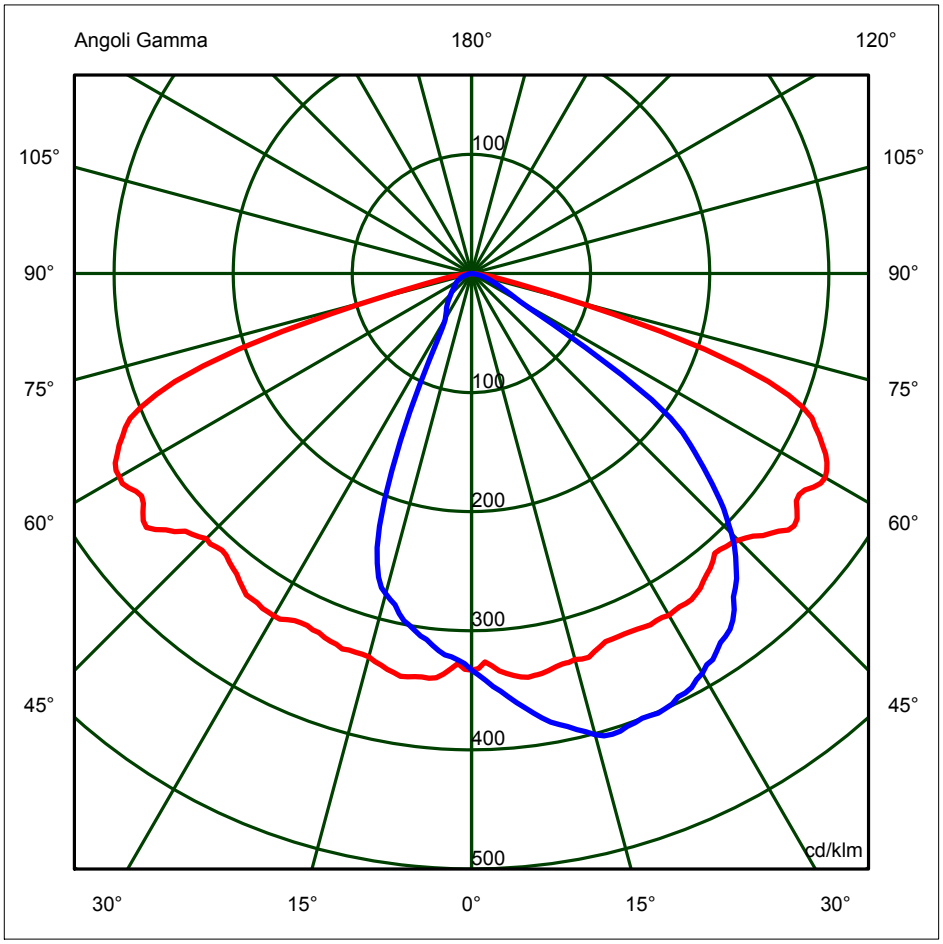


Semipiani C

180.0 — 0.0

270.0 — 90.0

ULOR	0.00 %
DLOR	100.00 %
RN	0.00 %



Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 1/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 0.0	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87
G 1.0	331.76	332.13	332.40	333.12	333.69	334.23	334.40	334.62	335.05	335.32	335.51	336.07	336.34
G 2.0	326.27	327.60	328.31	329.52	331.86	332.85	334.15	335.97	337.07	338.49	339.16	339.72	340.73
G 3.0	329.95	331.05	333.47	333.78	333.58	334.06	334.41	334.28	334.83	334.79	338.09	341.08	343.67
G 4.0	334.43	335.93	337.81	338.68	339.02	339.22	341.02	341.66	342.76	343.59	341.94	342.08	342.71
G 5.0	337.10	339.47	342.03	343.66	344.14	344.89	346.29	347.57	348.55	349.10	349.03	347.45	346.30
G 6.0	339.42	343.04	344.95	346.82	348.30	348.88	350.81	352.37	352.97	353.18	353.86	353.28	351.71
G 7.0	341.32	343.14	346.12	348.48	350.04	353.55	354.91	355.84	357.90	358.25	357.64	357.84	357.14
G 8.0	342.31	344.94	347.85	351.76	353.77	356.21	358.55	359.31	360.32	361.64	361.80	362.85	361.77
G 9.0	341.49	345.42	350.20	354.06	357.16	360.02	361.91	364.80	365.85	367.54	368.29	368.17	368.39
G 10.0	340.84	345.78	351.42	355.25	359.47	363.69	366.31	369.18	371.19	372.90	372.88	374.54	374.57
G 11.0	339.62	346.34	351.57	356.69	360.14	364.44	369.51	373.30	376.54	375.98	378.00	379.43	380.07
G 12.0	337.87	345.11	351.63	356.65	362.19	366.38	371.45	376.75	379.12	379.80	381.80	383.94	383.88
G 13.0	336.64	344.76	351.07	355.85	360.96	366.34	372.34	377.55	379.30	384.50	386.51	388.82	390.29
G 14.0	336.68	342.41	350.75	356.44	362.55	367.73	373.61	379.36	382.90	387.97	390.07	393.12	393.15
G 15.0	335.56	344.00	350.20	358.10	362.55	370.07	377.04	380.42	385.82	390.09	395.24	394.94	395.22
G 16.0	336.70	344.94	352.26	358.34	362.55	370.20	376.99	384.04	388.81	393.27	397.04	396.54	398.12
G 17.0	336.86	344.19	351.34	359.26	363.59	373.02	378.07	385.26	391.20	395.92	397.56	398.42	397.81
G 18.0	333.78	343.80	352.55	358.67	364.24	373.63	381.60	388.50	394.04	396.95	400.78	400.32	402.11
G 19.0	331.33	340.46	350.31	358.63	365.79	375.50	382.63	389.87	395.93	398.40	403.49	404.61	406.49
G 20.0	328.80	339.33	350.86	357.17	368.17	378.93	386.49	391.99	396.78	399.75	403.73	407.94	407.64
G 21.0	328.81	339.80	351.27	359.29	370.10	379.38	387.11	392.20	398.33	400.52	404.58	408.18	407.40
G 22.0	328.78	340.56	351.25	360.05	370.07	379.32	385.88	391.23	396.53	401.55	404.54	406.39	407.42
G 23.0	328.67	340.55	352.77	362.92	373.32	379.13	386.71	390.91	395.60	400.98	404.05	405.11	406.22
G 24.0	328.93	339.79	352.93	365.16	374.07	379.68	385.26	390.20	394.41	399.39	402.26	404.05	405.90
G 25.0	329.41	340.22	352.56	366.34	376.30	382.80	386.67	390.86	393.80	396.68	401.29	402.33	402.87
G 26.0	330.20	341.85	352.74	365.83	378.58	382.98	385.86	390.86	393.28	393.39	399.29	400.84	401.83
G 27.0	331.00	343.30	355.90	368.54	379.01	384.46	386.81	390.67	393.23	392.95	397.06	398.54	400.29
G 28.0	330.23	347.40	360.34	371.10	380.72	385.09	389.68	392.35	392.79	392.34	395.49	396.09	398.01
G 29.0	330.10	348.92	364.40	374.85	384.73	388.02	392.19	391.27	391.67	390.91	393.13	392.65	395.24
G 30.0	331.44	350.03	366.04	379.92	387.92	390.47	391.27	389.80	388.80	388.12	391.66	390.72	391.61
G 31.0	330.42	352.37	368.89	382.36	391.36	389.64	389.20	386.92	385.73	386.09	388.66	389.21	391.14
G 32.0	329.79	353.17	372.78	385.85	392.71	389.80	385.62	384.34	383.55	384.45	384.84	388.60	390.07
G 33.0	330.40	355.07	375.09	389.60	395.89	389.28	383.72	381.11	381.93	384.03	382.43	387.08	389.27
G 34.0	330.22	357.10	378.06	391.79	395.18	390.25	383.17	379.47	378.51	381.50	380.76	385.08	387.49
G 35.0	328.55	358.83	379.69	393.35	396.46	389.87	382.83	377.60	377.10	378.42	377.36	384.02	385.58
G 36.0	326.70	358.74	381.95	395.90	399.99	391.07	382.40	376.43	374.64	375.90	377.81	382.27	383.36
G 37.0	323.35	357.08	383.88	398.30	400.16	391.17	383.07	375.83	372.48	374.83	377.42	379.60	382.49
G 38.0	320.71	355.03	384.14	401.18	401.34	390.43	381.25	372.88	370.99	373.96	376.22	376.43	381.63
G 39.0	318.41	355.55	385.92	402.83	403.32	390.95	380.03	373.55	371.05	371.91	376.72	375.22	378.33
G 40.0	315.23	354.63	385.09	403.37	405.37	391.14	380.37	373.50	371.26	372.75	374.17	374.46	373.36
G 41.0	311.24	353.57	386.20	405.91	404.89	391.48	379.11	373.11	373.26	371.48	375.09	373.24	369.92
G 42.0	311.78	353.98	389.22	407.10	407.57	393.11	380.91	376.19	373.74	372.31	375.24	372.86	363.61
G 43.0	313.44	357.65	390.85	409.98	408.78	394.98	381.85	377.45	375.66	375.13	374.33	370.15	361.47
G 44.0	314.44	360.52	395.40	412.43	411.36	397.61	384.46	380.07	380.22	378.37	375.15	367.21	358.38
G 45.0	316.71	363.06	397.58	416.76	414.74	399.16	389.16	386.71	384.28	384.98	374.83	364.71	354.22
G 46.0	319.63	366.22	402.39	420.41	420.38	406.50	396.50	393.22	392.06	392.78	377.08	362.64	349.74
G 47.0	323.29	368.63	407.85	427.10	426.03	413.27	403.54	405.26	403.05	400.17	382.86	361.66	342.80
G 48.0	328.86	371.95	410.51	432.07	431.58	420.51	412.44	419.69	417.78	413.08	388.87	360.55	334.50
G 49.0	332.53	374.75	411.97	434.54	436.72	429.89	424.66	432.21	434.46	422.72	395.89	359.69	326.68
G 50.0	336.55	378.73	413.61	436.85	442.31	438.42	441.10	449.78	453.62	436.20	399.94	353.27	317.63
G 51.0	342.22	384.36	417.81	439.10	448.10	450.59	459.29	469.79	473.93	447.83	402.25	345.84	304.97
G 52.0	343.83	387.47	421.65	443.24	455.54	465.03	478.28	492.84	493.25	457.39	398.39	333.65	290.23
G 53.0	342.30	389.22	424.37	449.22	466.76	483.63	498.24	514.41	510.11	460.92	389.79	315.17	273.76
G 54.0	337.77	387.44	425.69	453.62	478.13	502.36	520.30	538.93	522.78	460.29	372.63	295.60	256.15
G 55.0	332.86	383.29	423.09	455.48	486.54	517.66	544.25	556.28	528.24	449.72	351.48	274.68	239.70
G 56.0	331.78	380.85	422.30	456.13	491.70	531.05	561.86	573.19	528.13	432.85	325.30	254.03	225.70
G 57.0	333.68	380.05	423.35	458.21	495.17	538.47	575.29	578.90	522.13	408.15	296.56	233.76	207.45
G 58.0	338.47	386.26	428.94	466.78	503.26	543.39	579.31	577.47	508.15	377.25	270.11	214.01	184.90
G 59.0	341.90	393.44	437.92	478.71	514.79	549.51	578.96	565.76	484.94	342.12	243.31	188.60	154.75
G 60.0	342.78	402.96	449.39	493.63	530.00	557.21	573.72	543.01	450.38	304.30	216.72	157.63	119.77
G 61.0	341.00	409.06	460.85	507.05	545.47	566.61	564.36	510.51	406.88	268.52	185.97	123.06	88.75
G 62.0	337.97	411.44	470.20	518.21	556.48	572.18	553.45	471.63	357.30	230.72	151.60	92.96	66.26
G 63.0	333.66	412.93	479.30	526.38	560.97	569.37	536.97	434.22	304.46	190.32	116.77	69.73	53.14
G 64.0	327.58	412.46	485.88	531.58	559.70	563.20	514.42	396.74	257.72	147.68	86.43	56.15	46.68
G 65.0	322.26	411.83	486.58	536.15	558.31	546.82	486.14	357.65	215.56	111.22	66.73	48.46	42.81
G 66.0	315.66	407.82	485.89	534.26	546.46	523.11	450.86	318.72	176.72	85.24	53.80	42.90	38.59
G 67.0	310.52	402.17	479.38	525.88	531.41	496.34	416.55	275.60	141.80	68.67	46.60	38.71	34.91
G 68.0	300.01	391.64	467.83	510.56	508.57	464.36	377.88	232.50	111.32	56.69	42.39	35.19	31.62
G 69.0	285.14	376.19	452.04	484.94	480.56	431.19	339.03	189.30	87.40	48.80	37.98	32.58	28.63
G 70.0	265.16	358.36	429.53	455.71	445.60	395.97	296.18	149.82	68.62	41.66	34.43	29.51	26.11
G 71.0	238.67	333.65	401.02	419.42	404.28	351.35	251.78	117.57	54.35	35.65	30.51	26.82	23.84
G 72.0	206.01	298.39	362.22	377.63	359.89	305.18	205.56	89.42	43.71	30.94	26.92	24.26	21.65

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento 100.00% | Sistema Coordinate CG | Flusso Totale 6590.00 lm

Tabella Intensità Luminose - cd/klm Tabella 2/18

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 0.0	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87
G 1.0	336.67	337.16	337.13	337.65	337.26	337.11	337.11	336.94	336.55	336.68	336.56	336.78	336.07
G 2.0	341.08	341.37	341.70	342.18	341.95	341.85	341.97	342.07	341.00	340.46	340.70	340.98	340.63
G 3.0	344.99	346.25	346.40	347.79	347.48	347.30	346.61	346.90	346.55	345.65	343.71	343.41	341.85
G 4.0	348.11	349.99	351.60	351.89	350.97	351.47	351.01	350.77	348.26	347.40	345.01	340.19	339.44
G 5.0	347.02	353.19	355.51	356.58	357.39	356.84	356.04	355.31	353.61	349.71	344.35	344.44	346.39
G 6.0	351.35	350.65	358.22	360.85	361.56	362.13	360.70	359.31	357.76	349.16	349.89	351.59	352.57
G 7.0	356.18	355.44	360.19	364.44	366.46	367.20	366.28	364.20	358.91	354.63	356.05	358.00	357.38
G 8.0	361.66	361.08	361.00	368.32	372.67	372.56	370.89	368.62	359.75	361.42	363.57	364.07	364.82
G 9.0	367.50	366.18	366.01	373.56	377.34	377.83	375.58	372.54	364.36	366.10	368.38	370.19	370.01
G 10.0	374.22	372.77	370.70	375.70	381.81	382.44	380.34	376.03	369.69	370.83	374.59	374.12	375.71
G 11.0	379.15	374.95	374.16	376.62	384.81	385.64	384.67	378.19	374.94	376.79	378.64	379.59	379.60
G 12.0	383.55	380.52	377.33	375.37	387.36	388.85	387.28	377.30	380.06	381.71	383.15	382.63	385.74
G 13.0	387.71	383.91	381.66	379.59	389.93	393.01	390.65	382.14	384.21	386.51	388.28	390.15	389.12
G 14.0	391.41	387.62	383.66	382.85	393.11	396.44	393.95	383.54	385.64	388.87	392.68	395.07	392.37
G 15.0	393.26	391.39	387.09	386.15	395.82	400.92	395.54	386.35	388.09	391.95	396.14	397.65	396.27
G 16.0	395.94	391.91	388.32	389.10	398.98	403.82	398.14	387.94	390.76	394.88	397.43	399.63	397.83
G 17.0	396.91	395.45	391.52	391.87	400.52	404.42	397.43	389.91	393.37	397.59	399.88	401.88	399.10
G 18.0	400.35	397.80	394.58	391.66	401.48	403.97	397.72	389.91	395.92	400.52	404.29	405.18	402.94
G 19.0	403.74	400.71	396.80	392.86	398.24	401.93	396.44	391.52	397.15	402.26	405.96	406.64	404.77
G 20.0	405.72	402.45	397.27	392.69	397.38	401.40	394.29	392.90	400.11	403.49	407.24	406.30	406.62
G 21.0	405.68	402.90	397.81	391.50	394.90	399.95	392.42	392.96	399.08	405.11	407.89	408.43	408.03
G 22.0	405.25	403.79	398.03	390.38	394.79	400.24	391.78	392.03	398.53	403.92	406.22	407.44	407.69
G 23.0	404.85	403.49	396.81	389.41	390.32	400.94	389.36	390.43	396.95	402.81	407.32	407.68	406.65
G 24.0	405.56	402.12	396.13	387.29	386.62	399.90	386.07	388.66	394.61	400.63	405.20	407.92	407.25
G 25.0	405.03	400.25	394.95	386.16	385.20	398.71	384.45	387.59	392.03	397.83	401.10	407.66	406.47
G 26.0	401.56	398.94	394.46	384.08	384.26	395.46	383.80	385.52	391.73	397.81	400.71	403.08	403.46
G 27.0	400.41	396.78	393.12	384.53	382.49	395.30	382.00	384.15	391.67	397.74	400.58	402.62	400.77
G 28.0	397.89	397.65	392.58	384.09	381.09	393.63	380.81	381.59	391.73	399.14	398.50	399.97	397.14
G 29.0	395.48	397.53	394.38	382.21	378.65	389.75	377.83	381.79	391.43	398.24	397.38	397.69	394.52
G 30.0	394.29	397.21	392.30	382.98	376.88	387.59	375.63	380.14	390.67	397.16	396.63	395.93	391.43
G 31.0	394.25	396.89	389.59	380.31	373.97	383.29	373.82	378.82	389.09	394.68	395.30	393.41	389.03
G 32.0	394.63	393.66	388.46	380.07	373.83	382.21	370.93	379.04	386.32	392.42	393.86	391.20	387.78
G 33.0	391.91	389.73	386.24	381.62	371.79	377.98	368.05	377.82	384.31	390.13	391.49	390.53	387.47
G 34.0	390.62	389.26	385.39	379.02	369.06	373.79	364.95	375.24	383.09	387.82	389.12	389.05	386.86
G 35.0	388.17	387.57	384.89	376.52	366.59	371.87	362.35	373.29	383.46	387.45	386.32	387.70	384.29
G 36.0	384.01	385.91	383.11	373.05	363.15	369.25	360.74	371.60	380.50	383.67	384.47	385.09	383.08
G 37.0	381.49	383.54	378.73	367.67	358.57	364.52	356.19	366.62	375.45	378.56	382.23	381.44	380.67
G 38.0	378.13	378.45	373.56	361.98	352.18	358.19	351.63	362.75	371.48	375.67	377.78	378.43	378.09
G 39.0	372.50	372.39	367.54	357.82	347.40	349.30	344.98	358.51	365.06	370.87	376.04	375.55	376.04
G 40.0	368.69	365.29	363.38	352.82	340.87	344.66	340.56	353.75	360.07	367.39	372.49	372.48	374.60
G 41.0	363.68	360.83	358.81	348.52	335.19	339.33	334.67	347.82	353.66	362.60	368.84	371.23	371.73
G 42.0	357.20	355.05	351.16	343.08	329.00	332.05	327.63	338.70	347.32	356.84	362.57	366.66	369.17
G 43.0	353.62	351.24	341.75	334.33	321.61	325.06	319.35	331.26	340.11	350.51	356.44	361.47	366.49
G 44.0	346.87	343.38	333.59	323.61	313.88	317.65	310.92	322.35	331.15	341.96	347.12	357.82	365.13
G 45.0	342.58	334.10	325.11	313.99	305.17	308.68	301.90	313.34	320.69	332.60	341.33	352.10	365.61
G 46.0	333.79	324.02	315.33	303.58	293.80	298.76	292.54	305.03	312.02	323.60	332.91	348.09	363.48
G 47.0	324.61	314.16	304.69	293.18	283.94	289.36	283.35	294.42	300.53	312.63	323.76	340.94	362.04
G 48.0	314.67	303.30	293.63	282.28	272.82	278.38	271.57	285.14	290.50	302.20	315.14	333.22	359.54
G 49.0	303.73	292.68	282.16	270.76	260.41	266.08	260.65	273.20	279.67	291.93	304.69	325.47	357.30
G 50.0	292.07	279.99	268.47	258.77	249.94	255.06	250.76	260.67	267.55	278.36	291.52	315.98	351.83
G 51.0	278.51	267.71	256.26	246.74	237.73	243.42	238.98	247.50	256.47	267.00	277.43	303.55	344.45
G 52.0	263.89	253.21	243.08	235.77	225.90	232.89	228.26	235.08	244.40	254.77	262.97	288.01	331.23
G 53.0	250.40	238.61	230.29	223.61	214.78	221.84	215.95	222.68	231.31	241.44	248.14	272.48	314.09
G 54.0	237.04	226.21	217.21	209.80	200.01	206.59	201.13	208.77	216.06	227.48	235.62	257.62	295.83
G 55.0	222.36	211.04	197.23	188.72	177.17	184.53	178.97	188.98	196.99	211.42	221.81	242.36	275.46
G 56.0	204.49	190.59	168.64	159.76	145.85	152.29	147.63	159.35	170.26	190.59	203.26	226.88	255.76
G 57.0	181.08	161.66	133.61	123.43	108.94	114.14	110.07	123.11	136.44	160.82	179.58	208.59	235.81
G 58.0	149.09	126.86	98.18	88.35	77.97	81.13	78.02	88.46	99.73	124.86	148.17	183.62	215.29
G 59.0	114.40	92.12	72.16	64.18	56.31	58.39	56.64	63.89	71.63	92.60	113.03	153.23	189.86
G 60.0	84.25	67.90	55.70	50.40	45.98	47.06	46.14	50.61	54.86	67.64	83.27	118.60	157.40
G 61.0	62.58	54.26	46.51	44.43	40.21	41.86	40.21	43.83	47.59	53.45	62.68	87.93	123.56
G 62.0	51.27	46.56	41.90	39.93	36.19	37.42	36.15	39.94	42.37	46.41	51.86	66.13	92.47
G 63.0	45.19	41.77	37.93	36.31	32.81	33.49	33.07	36.41	38.30	41.74	45.20	53.34	69.98
G 64.0	41.05	37.77	34.56	33.15	29.98	29.95	30.05	32.86	34.70	37.86	40.31	46.41	56.73
G 65.0	37.21	34.13	31.80	29.99	27.45	27.64	27.37	29.81	31.58	34.21	36.27	41.98	48.37
G 66.0	34.01	31.25	29.31	27.40	25.82	25.24	25.16	26.78	28.55	31.06	33.18	37.81	42.92
G 67.0	30.73	28.38	26.34	25.16	23.54	23.46	22.89	24.61	26.43	28.69	30.15	34.64	38.92
G 68.0	28.00	26.12	24.19	22.79	21.62	20.87	21.25	22.40	23.91	26.79	28.31	31.61	35.62
G 69.0	26.25	23.71	22.13	21.23	19.86	19.03	19.47	20.90	22.02	24.53	25.71	28.75	32.20
G 70.0	23.48	21.65	20.72	19.71	18.04	17.28	17.61	19.70	19.91	22.35	23.20	25.86	29.22
G 71.0	20.90	19.99	18.65	17.88	15.99	16.16	15.94	18.22	18.44	19.82	20.99	23.71	26.64
G 72.0	18.87	18.30	16.58	16.38	14.39	14.32	14.48	16.62	16.61	17.85	19.20	21.63	23.94

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 3/18**

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 0.0	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87
G 1.0	335.61	335.18	335.34	334.90	334.51	334.13	333.98	333.70	333.27	332.84	332.32	332.13	331.65
G 2.0	339.39	338.47	337.62	336.80	335.72	334.40	333.14	331.44	329.87	328.00	327.64	327.00	325.96
G 3.0	338.56	336.16	335.71	336.03	335.94	335.85	335.10	333.64	333.66	333.18	332.50	331.11	329.85
G 4.0	340.28	341.38	341.44	342.08	342.88	342.94	343.23	341.72	340.76	338.13	337.16	334.95	332.54
G 5.0	346.31	347.98	348.95	349.62	349.06	349.92	348.11	346.27	344.25	342.89	340.73	337.49	334.85
G 6.0	353.78	354.86	354.86	354.75	354.50	352.54	351.26	349.41	347.11	343.25	341.59	338.65	335.49
G 7.0	359.36	360.28	358.99	358.29	356.92	355.55	353.05	350.55	347.89	343.96	341.31	338.39	335.57
G 8.0	365.17	364.59	362.27	361.91	361.11	358.05	355.79	353.12	349.76	346.35	341.82	337.83	334.16
G 9.0	370.90	368.27	365.11	363.66	362.46	359.73	358.00	354.56	350.87	347.22	342.81	338.61	334.74
G 10.0	375.26	373.15	371.37	368.33	366.11	363.38	359.70	357.00	351.90	347.64	343.40	336.68	334.43
G 11.0	379.38	377.50	375.78	371.82	368.57	365.43	361.95	358.88	352.87	347.33	341.40	335.55	331.58
G 12.0	383.26	380.38	379.08	375.94	371.97	368.71	361.95	358.70	352.13	346.13	339.88	335.54	330.32
G 13.0	388.50	386.50	381.42	378.00	375.07	370.05	363.88	357.14	350.32	342.90	337.39	332.19	328.69
G 14.0	390.99	389.09	384.09	381.17	375.95	369.25	363.65	357.50	351.08	341.34	335.64	330.29	327.15
G 15.0	394.19	390.26	387.27	383.03	376.29	369.10	363.50	357.61	350.29	340.78	333.19	327.14	324.07
G 16.0	395.20	392.02	387.92	384.25	378.19	368.84	364.02	358.53	349.61	340.88	332.55	324.94	320.54
G 17.0	397.78	392.96	389.39	386.84	378.69	369.03	363.57	357.95	351.82	342.37	332.54	324.84	317.29
G 18.0	401.72	396.12	392.73	387.47	381.50	371.48	365.31	357.75	350.70	343.63	332.41	323.57	316.68
G 19.0	402.76	398.94	394.56	389.82	383.96	375.02	366.07	358.75	351.48	342.28	333.37	324.00	314.65
G 20.0	403.87	400.95	397.26	390.77	384.66	376.16	368.51	359.44	353.06	342.71	331.34	321.83	312.96
G 21.0	405.75	403.00	398.25	391.82	384.28	378.11	368.89	360.13	353.69	343.28	330.77	320.31	312.73
G 22.0	404.40	400.04	399.22	394.40	385.14	376.96	369.84	362.16	352.14	341.59	329.46	318.68	309.91
G 23.0	404.24	401.24	398.94	393.81	385.95	379.28	373.23	362.50	352.62	340.43	327.49	317.20	306.88
G 24.0	402.84	398.66	399.09	393.67	388.44	382.11	376.49	366.05	353.55	339.22	327.51	316.46	306.67
G 25.0	401.72	398.23	396.79	393.21	390.04	384.50	378.87	367.40	355.10	340.94	326.17	314.95	306.55
G 26.0	401.00	397.39	395.86	393.03	388.73	385.97	380.40	367.40	358.31	343.22	326.28	315.51	305.26
G 27.0	397.99	396.76	395.17	391.00	389.18	384.74	380.70	370.06	361.00	345.70	327.07	313.74	303.73
G 28.0	395.65	394.90	392.79	389.52	388.36	386.42	381.68	371.33	362.24	347.22	329.21	314.47	301.51
G 29.0	392.54	391.08	389.01	389.17	389.61	389.02	385.78	374.84	363.18	348.31	331.73	314.17	298.03
G 30.0	388.70	388.47	387.77	385.98	388.93	390.89	387.79	377.03	366.47	349.64	331.87	314.75	295.24
G 31.0	387.20	385.57	385.74	385.12	388.98	390.79	389.64	380.31	369.81	352.39	331.53	313.17	293.68
G 32.0	385.18	383.76	382.70	385.00	387.02	390.88	389.36	385.45	375.64	355.44	331.42	311.46	293.10
G 33.0	385.47	380.81	381.20	383.98	384.96	389.81	391.17	387.85	376.91	357.52	329.86	308.24	292.49
G 34.0	384.49	380.03	376.70	379.89	384.24	390.60	394.68	389.45	379.89	358.49	329.59	305.19	290.09
G 35.0	382.08	377.55	374.52	378.49	382.83	393.10	395.25	390.53	381.15	358.20	329.56	304.33	286.17
G 36.0	380.29	376.86	372.43	377.37	382.03	392.97	397.06	393.86	381.72	358.99	326.46	301.53	282.69
G 37.0	378.65	374.92	372.63	375.15	383.18	393.19	399.09	398.11	382.79	357.92	323.42	297.58	279.47
G 38.0	376.84	374.86	372.44	374.74	381.76	394.11	401.33	399.33	384.03	355.23	320.21	291.80	274.40
G 39.0	377.62	376.43	371.29	373.13	380.15	392.18	403.21	401.17	381.71	354.83	318.31	286.68	269.67
G 40.0	374.86	374.78	370.45	370.72	379.89	392.81	402.47	401.84	382.69	353.69	316.14	282.16	265.47
G 41.0	373.22	374.01	370.52	371.50	378.12	391.85	404.64	402.33	383.81	352.99	313.70	279.70	261.65
G 42.0	373.07	373.91	372.53	373.17	379.12	393.62	405.32	406.42	387.12	353.28	312.77	278.51	258.21
G 43.0	372.37	374.84	374.35	375.81	381.15	397.82	408.67	408.48	391.33	354.98	314.00	278.91	257.46
G 44.0	374.39	377.34	379.10	381.81	385.01	400.90	411.14	410.92	396.14	356.61	315.72	278.63	254.68
G 45.0	375.83	381.92	384.14	387.27	388.65	405.06	413.42	415.38	398.59	360.99	314.76	277.43	252.41
G 46.0	379.36	391.10	392.32	396.34	395.11	409.32	418.50	422.20	403.55	364.05	318.09	278.24	249.80
G 47.0	384.50	400.92	404.77	404.53	404.35	414.86	424.20	427.11	407.88	367.27	320.97	278.39	248.75
G 48.0	389.39	411.04	416.97	415.27	413.17	420.77	430.03	430.38	412.65	371.72	323.29	281.67	249.86
G 49.0	395.09	425.32	432.40	430.96	425.00	430.05	434.68	433.03	413.15	372.96	330.25	285.41	251.68
G 50.0	397.75	435.82	452.07	448.00	439.47	438.98	440.77	435.03	412.65	376.93	334.78	290.20	250.75
G 51.0	399.43	447.42	473.52	470.03	455.35	449.74	447.87	439.15	415.16	381.56	341.49	294.45	249.91
G 52.0	397.69	457.26	492.12	490.98	475.64	464.30	454.42	443.27	420.38	386.65	346.35	295.70	246.47
G 53.0	389.90	461.40	510.10	512.69	498.13	479.75	463.42	447.71	425.00	389.06	344.97	293.24	238.18
G 54.0	372.23	461.64	521.22	535.47	519.92	499.18	473.82	448.54	425.31	385.35	340.91	284.82	224.16
G 55.0	350.72	451.36	526.48	555.31	542.05	517.23	483.59	450.77	423.84	382.15	336.28	275.30	208.92
G 56.0	324.67	433.60	527.80	571.22	561.45	529.66	492.53	452.89	419.04	379.40	334.07	269.28	194.57
G 57.0	297.48	407.31	522.17	578.86	575.18	539.40	496.47	458.87	421.25	381.92	335.74	266.70	185.07
G 58.0	270.33	377.37	506.91	575.26	580.16	543.95	504.43	469.09	428.00	389.99	339.37	266.43	180.05
G 59.0	242.72	341.67	483.25	561.11	576.75	551.18	516.02	480.77	439.04	396.89	342.10	264.72	172.83
G 60.0	215.51	306.33	448.37	535.76	572.11	558.73	529.56	495.45	452.84	402.40	341.34	259.53	164.27
G 61.0	183.80	268.83	402.95	506.14	561.70	564.35	543.47	508.46	464.63	407.85	341.12	252.33	154.54
G 62.0	150.12	230.54	353.47	470.66	551.48	568.83	556.19	520.50	472.45	411.88	338.70	245.41	142.66
G 63.0	115.90	189.01	302.60	435.25	536.27	566.19	564.77	528.53	478.33	412.53	333.70	237.53	131.40
G 64.0	86.43	146.06	255.99	398.71	514.94	558.98	565.15	535.42	481.58	412.45	329.17	229.37	122.10
G 65.0	65.86	111.43	214.35	358.19	487.48	542.37	558.93	536.61	482.29	410.52	323.19	221.23	111.52
G 66.0	54.46	85.69	175.85	319.03	453.65	519.84	546.44	532.58	484.10	406.35	318.18	212.28	102.03
G 67.0	47.64	68.47	140.83	275.63	418.22	496.22	527.88	523.45	479.26	401.49	311.38	204.32	93.68
G 68.0	42.94	56.23	111.13	231.32	379.52	465.03	506.44	509.18	469.52	393.71	299.27	190.38	84.06
G 69.0	38.44	48.11	86.83	190.19	339.14	431.66	480.06	486.40	455.11	378.53	283.37	173.66	75.78
G 70.0	34.20	40.70	68.41	151.99	295.72	392.97	444.74	456.30	432.76	360.74	264.97	152.39	68.29
G 71.0	30.78	36.10	54.67	119.07	250.00	349.19	405.18	421.12	402.43	334.81	238.30	131.57	62.21
G 72.0	27.50	31.54	44.19	91.53	203.27	302.82	359.82	378.20	363.63	297.99	206.01	111.17	56.49

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 4/18**

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 0.0	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87
G 1.0	330.90	330.38	330.19	329.29	328.95	328.52	328.14	327.97	328.03	328.02	328.28	327.58	327.75
G 2.0	325.23	326.22	326.36	326.41	326.20	325.93	325.87	325.34	324.93	325.07	325.61	325.15	324.91
G 3.0	327.59	325.58	323.29	321.83	320.77	318.38	317.26	319.28	320.58	321.82	321.36	321.96	322.17
G 4.0	331.25	328.75	326.51	324.45	321.50	319.72	317.57	315.88	314.34	314.21	317.88	319.02	319.25
G 5.0	332.73	330.53	328.26	325.34	323.63	320.58	318.45	315.46	313.82	311.19	309.72	313.96	315.90
G 6.0	333.08	332.10	329.67	326.07	324.02	322.05	318.68	315.69	312.58	310.23	309.56	308.05	312.62
G 7.0	332.71	330.57	328.67	325.57	323.82	322.22	319.73	315.92	314.09	311.11	307.85	306.70	308.17
G 8.0	332.02	329.44	326.99	325.03	322.60	320.80	317.59	315.18	314.06	311.84	306.91	304.66	301.08
G 9.0	331.28	327.68	325.99	323.44	320.41	318.41	317.37	314.68	312.88	309.78	306.82	303.00	299.36
G 10.0	330.59	325.22	324.06	321.18	319.23	316.25	314.87	313.18	311.33	308.75	304.16	299.22	296.19
G 11.0	328.68	325.26	321.83	319.69	316.84	313.25	312.45	311.48	309.73	306.70	302.17	297.51	292.72
G 12.0	326.95	323.05	320.22	315.97	313.23	312.21	310.75	308.88	307.48	305.31	301.14	295.19	289.12
G 13.0	325.56	321.72	316.41	314.34	309.48	309.09	307.38	306.00	305.11	302.13	296.69	291.47	284.98
G 14.0	323.31	317.11	313.44	310.29	307.29	304.77	303.94	303.55	298.57	296.32	292.83	288.05	281.39
G 15.0	319.52	314.62	309.63	306.54	303.21	302.18	300.77	299.05	295.64	292.83	289.00	283.72	277.54
G 16.0	316.52	310.90	306.74	303.08	299.48	298.48	296.51	295.57	294.11	289.60	285.12	280.53	274.12
G 17.0	313.47	309.03	303.57	301.12	297.60	295.56	294.40	290.92	288.90	285.71	281.20	277.41	269.64
G 18.0	312.18	308.09	302.89	297.72	294.39	292.22	290.56	286.87	284.43	281.65	278.51	272.82	263.10
G 19.0	310.08	305.16	298.97	294.21	292.29	291.73	286.14	281.95	279.50	276.06	272.86	268.35	256.72
G 20.0	308.49	303.88	298.36	293.31	287.37	285.51	282.22	276.41	275.11	271.87	268.01	259.70	247.20
G 21.0	306.58	300.49	295.63	289.18	283.96	281.95	277.71	273.18	269.61	266.56	259.44	248.50	232.36
G 22.0	302.70	298.33	294.28	286.85	280.98	277.57	273.70	269.63	265.43	257.06	245.72	227.95	210.35
G 23.0	301.56	296.40	291.74	286.58	278.45	272.62	268.63	265.46	256.66	242.05	225.83	205.74	185.91
G 24.0	299.31	293.42	288.19	280.03	276.30	269.10	264.47	256.62	243.62	223.78	201.79	181.87	158.66
G 25.0	297.99	291.63	284.59	277.49	274.20	265.06	259.21	244.63	225.59	201.32	178.02	156.93	133.37
G 26.0	297.29	288.52	279.87	273.07	269.54	262.66	251.41	231.13	206.89	177.97	152.86	130.35	108.64
G 27.0	294.97	285.61	276.69	269.25	266.69	257.85	240.47	212.55	183.43	154.75	127.11	104.07	83.82
G 28.0	290.17	282.76	274.91	266.54	260.28	249.59	226.06	192.79	162.55	130.74	100.84	79.75	64.81
G 29.0	287.84	279.67	271.89	262.73	256.29	238.22	207.90	171.26	139.29	105.73	78.23	62.70	52.87
G 30.0	286.58	276.62	268.34	260.35	250.03	224.57	189.64	149.90	114.65	82.93	61.30	52.36	46.70
G 31.0	284.25	273.64	265.17	254.72	243.23	210.19	169.36	126.87	91.14	65.57	51.40	47.50	44.04
G 32.0	282.50	271.07	260.72	250.18	234.17	193.32	150.10	104.62	71.60	54.49	46.86	45.41	42.39
G 33.0	279.75	266.30	256.83	245.45	221.05	174.94	128.30	84.73	58.50	48.61	45.51	43.22	41.47
G 34.0	273.78	261.66	254.05	238.74	206.67	155.15	106.05	68.76	51.15	46.38	44.04	42.19	39.98
G 35.0	272.61	258.76	250.21	229.31	189.31	134.68	87.93	58.67	48.40	45.25	42.59	41.35	38.91
G 36.0	268.96	254.10	245.21	217.26	171.57	114.64	71.65	52.75	47.07	43.67	40.94	39.37	37.85
G 37.0	263.71	251.06	241.15	202.08	153.50	95.83	61.63	48.97	45.14	42.44	39.82	37.80	36.23
G 38.0	256.94	245.48	234.42	188.22	135.46	80.30	54.61	46.78	43.89	40.71	39.03	36.41	34.84
G 39.0	252.86	241.75	226.43	174.38	116.71	68.92	50.62	45.95	43.18	39.47	37.71	34.63	33.56
G 40.0	249.87	235.95	215.23	159.95	99.72	61.09	48.56	44.78	42.97	38.63	36.73	33.51	32.42
G 41.0	244.95	229.86	203.14	144.07	83.57	55.43	47.27	43.64	41.39	37.56	35.31	32.83	30.92
G 42.0	241.64	224.76	189.46	125.40	71.59	51.21	46.95	42.93	40.51	36.26	34.37	32.03	30.49
G 43.0	236.70	219.11	174.45	108.30	63.18	49.55	46.19	41.85	39.24	35.48	32.92	31.06	29.71
G 44.0	232.59	213.23	160.20	91.86	57.41	47.88	44.92	40.74	38.10	34.45	32.17	29.84	28.33
G 45.0	230.38	204.89	146.66	79.01	53.91	47.08	44.10	40.41	36.79	33.53	31.34	28.80	27.22
G 46.0	226.94	195.26	131.73	69.82	51.36	46.20	43.14	39.55	35.87	32.31	29.82	28.12	26.01
G 47.0	224.49	183.51	117.15	63.24	49.66	45.67	42.28	38.87	34.78	31.53	28.83	26.96	25.15
G 48.0	220.19	171.06	101.98	59.05	48.39	44.72	40.44	37.43	33.61	30.38	27.87	26.10	24.62
G 49.0	216.47	159.51	88.68	55.36	46.84	43.74	39.97	36.21	32.45	29.70	27.06	25.08	23.49
G 50.0	212.95	147.85	77.56	53.40	47.14	42.88	38.74	35.29	32.18	28.58	26.53	24.84	23.21
G 51.0	208.10	134.41	69.94	51.68	47.38	42.37	38.36	34.25	31.06	27.73	25.59	23.88	22.47
G 52.0	200.39	121.62	64.81	50.70	46.48	41.32	37.91	33.61	30.53	26.71	24.59	23.23	21.87
G 53.0	187.16	107.58	60.55	50.18	45.93	41.20	37.75	33.27	29.38	26.09	23.90	22.73	21.58
G 54.0	170.13	94.39	57.77	49.13	45.23	40.86	37.39	32.90	28.64	25.78	23.46	22.31	20.50
G 55.0	150.91	83.29	56.46	48.75	45.22	40.42	36.99	31.95	28.67	25.31	23.26	21.55	19.81
G 56.0	134.60	75.04	55.73	48.89	45.42	40.78	35.69	31.62	28.12	25.08	22.78	20.75	19.18
G 57.0	120.97	70.29	55.81	49.04	45.00	40.34	34.95	31.16	27.45	24.55	22.19	19.95	18.60
G 58.0	110.74	66.94	55.05	49.39	45.39	40.15	34.62	30.54	26.89	24.05	21.36	19.77	18.23
G 59.0	101.29	64.11	55.06	49.78	45.68	39.94	34.63	29.73	26.28	23.08	20.98	19.11	17.58
G 60.0	92.07	61.76	53.66	49.70	45.75	40.21	35.19	29.41	25.54	22.76	20.41	18.54	16.75
G 61.0	83.74	59.79	53.38	50.03	45.84	40.46	35.03	28.98	24.81	22.09	20.11	18.60	16.07
G 62.0	75.26	57.67	52.07	49.83	46.10	40.68	34.12	28.82	24.65	21.65	19.63	17.54	15.61
G 63.0	69.60	56.12	51.18	50.21	46.35	40.85	33.73	28.43	24.13	21.56	19.08	17.32	15.12
G 64.0	65.87	55.24	50.47	49.98	47.09	41.10	33.41	27.96	23.97	21.14	18.57	16.21	14.90
G 65.0	63.13	54.62	50.84	50.22	47.30	41.67	33.29	28.17	23.44	20.33	18.02	16.02	14.65
G 66.0	61.64	55.11	51.23	50.49	47.28	42.28	33.04	27.77	22.59	19.74	16.97	15.66	14.37
G 67.0	59.50	54.91	50.58	51.34	48.17	42.57	33.50	27.34	22.32	18.93	16.50	14.93	13.93
G 68.0	56.73	53.81	50.73	52.41	49.17	43.00	33.45	27.13	21.72	18.06	15.66	14.28	13.41
G 69.0	54.45	53.00	50.07	52.53	49.25	43.38	33.70	26.61	21.06	16.73	14.63	13.43	12.56
G 70.0	52.05	51.26	49.95	52.30	49.16	41.98	33.46	25.99	20.30	15.71	13.78	12.93	11.89
G 71.0	49.38	48.36	48.55	50.47	48.20	40.56	32.49	25.30	18.92	14.54	13.03	11.84	10.98
G 72.0	46.61	45.15	47.21	47.30	46.17	39.09	31.27	24.44	18.03	13.38	12.06	10.75	10.25

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 5/18**

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 0.0	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87	332.87
G 1.0	327.83	327.84	327.60	327.91	327.71	327.26	327.46	328.04	328.26	328.62	328.41	328.66	329.14
G 2.0	324.87	324.53	324.69	323.91	324.24	324.14	323.48	323.79	324.51	324.65	325.09	325.31	325.30
G 3.0	322.16	322.29	322.29	322.09	321.69	322.14	321.83	321.54	321.28	320.48	317.93	316.26	318.29
G 4.0	319.75	320.58	320.88	320.74	318.87	318.60	318.65	318.52	314.51	315.33	316.69	317.25	319.46
G 5.0	316.05	317.38	317.71	317.58	316.88	315.70	313.77	311.28	313.60	315.86	318.29	320.16	321.28
G 6.0	313.89	313.75	313.87	313.18	312.90	311.79	307.63	308.92	312.12	314.17	317.58	320.63	322.03
G 7.0	310.55	310.52	309.51	309.53	308.25	305.96	303.61	306.54	310.50	313.75	316.16	318.95	321.00
G 8.0	306.05	306.73	307.25	305.97	303.89	298.82	302.07	304.02	306.48	310.04	313.89	316.33	319.45
G 9.0	302.25	303.83	303.46	302.60	300.13	296.34	299.42	302.57	305.23	308.59	310.70	312.98	317.35
G 10.0	298.35	300.52	299.87	298.96	296.63	293.50	296.31	301.45	305.51	309.19	309.44	311.59	314.53
G 11.0	293.95	296.50	296.99	295.39	292.36	292.44	295.50	300.87	304.25	308.02	309.34	310.41	311.55
G 12.0	285.14	290.69	291.88	289.94	285.14	290.05	295.32	300.50	302.80	305.17	307.39	308.24	310.62
G 13.0	280.43	285.32	285.42	286.17	281.66	287.25	292.28	296.48	298.34	301.52	303.85	307.22	307.88
G 14.0	275.60	281.09	282.09	281.35	278.50	285.08	290.00	291.27	291.75	295.90	299.33	303.56	305.78
G 15.0	273.56	276.94	278.32	278.79	275.95	281.54	286.97	288.25	288.70	291.52	295.66	300.86	302.95
G 16.0	268.10	270.46	274.32	273.81	271.87	278.02	281.93	285.82	286.72	287.95	292.27	297.75	299.40
G 17.0	261.24	263.53	266.69	266.69	266.08	272.55	278.03	282.75	283.72	286.91	289.67	291.92	296.22
G 18.0	253.54	252.63	255.80	255.86	257.81	265.98	271.87	277.23	281.56	283.30	285.75	288.49	292.12
G 19.0	243.14	240.79	243.38	242.78	246.34	258.22	266.27	271.83	275.17	278.71	281.75	285.72	288.17
G 20.0	230.66	225.22	225.80	224.65	233.15	245.98	256.97	265.09	268.85	274.32	278.31	280.74	285.17
G 21.0	214.20	203.25	203.75	201.34	214.56	229.85	244.27	256.09	263.72	269.25	273.57	278.53	283.03
G 22.0	192.09	179.91	178.62	177.21	192.07	208.42	225.53	243.26	254.10	263.88	269.08	275.35	279.46
G 23.0	164.91	153.09	152.57	150.94	166.44	184.26	204.79	225.16	241.62	255.83	264.32	270.15	274.06
G 24.0	140.10	127.28	127.33	125.84	141.09	158.63	181.25	202.45	223.08	244.17	257.94	266.94	270.81
G 25.0	114.81	102.57	102.44	101.96	117.29	133.72	155.97	178.35	200.21	226.45	248.40	261.74	265.92
G 26.0	91.89	80.03	80.51	80.58	93.43	109.71	130.31	154.37	177.78	206.69	234.39	255.25	263.30
G 27.0	71.74	62.92	63.66	62.83	72.58	84.63	104.37	129.18	155.40	185.77	214.30	244.44	257.87
G 28.0	57.70	52.28	52.82	51.45	56.43	65.43	80.31	103.39	130.70	163.88	194.05	229.53	251.32
G 29.0	47.97	45.85	47.26	45.88	48.20	53.23	63.29	79.05	105.33	140.03	171.60	210.34	241.44
G 30.0	44.59	43.08	44.38	43.42	44.45	46.14	52.22	60.98	82.60	114.95	149.00	190.63	226.85
G 31.0	42.96	41.49	41.98	41.49	42.94	44.13	46.86	51.10	64.73	90.72	126.31	169.61	211.35
G 32.0	41.26	40.26	40.58	39.68	40.73	42.33	45.18	46.87	54.25	70.62	103.36	149.73	193.75
G 33.0	39.78	38.85	39.06	37.80	39.11	41.12	42.94	44.75	48.78	57.16	84.17	128.27	174.89
G 34.0	38.53	36.81	37.67	37.15	37.91	39.85	41.30	43.02	46.24	50.50	68.11	106.08	156.26
G 35.0	36.69	35.90	36.67	35.66	36.76	38.52	40.23	41.82	44.55	47.54	58.49	87.92	135.56
G 36.0	35.82	35.19	35.53	35.19	35.35	37.19	38.79	40.75	43.61	46.07	52.27	72.24	114.77
G 37.0	34.47	33.42	34.31	33.67	33.93	35.60	37.38	39.54	43.07	45.23	48.83	60.59	96.01
G 38.0	33.38	32.54	32.78	31.97	32.39	34.75	36.15	38.21	41.63	44.15	47.32	54.13	80.45
G 39.0	32.33	31.29	31.74	31.26	31.93	33.81	35.29	37.45	40.42	43.39	46.22	50.20	68.97
G 40.0	31.21	29.99	30.18	30.30	30.57	33.15	33.70	35.85	38.65	42.26	45.30	49.09	60.57
G 41.0	29.72	28.21	29.40	29.04	29.57	31.80	33.10	34.86	37.42	41.65	44.52	48.27	55.24
G 42.0	29.14	27.28	27.98	28.00	28.59	30.38	32.43	34.20	36.71	40.45	43.79	47.58	52.49
G 43.0	28.27	26.66	26.91	26.35	27.85	29.20	31.86	33.46	35.73	38.84	42.26	46.87	50.02
G 44.0	27.25	25.95	25.57	25.61	26.83	27.80	30.97	32.60	35.03	37.88	41.69	44.91	48.82
G 45.0	26.39	25.10	24.43	24.29	25.35	27.34	29.16	31.65	33.82	36.21	40.22	43.89	47.53
G 46.0	24.92	24.65	23.93	23.40	24.04	26.46	28.31	30.31	32.19	35.09	38.68	42.73	46.04
G 47.0	24.10	23.44	22.74	22.31	23.15	25.69	27.29	29.34	31.23	34.31	38.15	42.38	44.65
G 48.0	22.81	22.33	21.51	21.22	22.30	24.51	26.11	28.24	30.58	33.53	37.23	41.66	44.18
G 49.0	22.14	21.58	20.69	20.60	22.37	23.54	25.26	27.78	29.78	32.67	36.73	40.41	43.32
G 50.0	21.23	20.42	20.20	19.87	21.98	22.70	24.28	26.67	29.09	31.75	35.77	39.76	42.86
G 51.0	20.54	19.85	19.16	19.37	20.95	22.18	23.71	25.63	28.25	30.86	34.94	38.58	42.68
G 52.0	20.14	19.48	18.39	18.78	20.28	21.65	23.22	24.84	27.35	30.22	33.59	38.14	41.75
G 53.0	20.10	19.10	17.77	18.43	19.82	20.93	22.62	24.10	26.53	29.16	32.68	37.40	41.45
G 54.0	19.64	18.42	17.12	18.09	19.14	19.83	22.25	23.25	25.76	28.98	32.10	37.40	40.75
G 55.0	19.00	18.01	16.91	17.79	19.07	19.26	21.62	23.07	25.18	28.51	31.53	36.94	40.09
G 56.0	18.53	17.21	16.13	17.51	18.71	18.90	20.68	22.81	24.65	28.15	31.39	35.77	39.61
G 57.0	17.93	17.05	15.82	16.95	18.71	18.47	20.11	22.07	24.22	27.98	30.85	35.74	39.95
G 58.0	17.70	16.75	15.37	16.24	18.66	17.75	19.15	21.39	23.98	26.93	31.07	34.90	39.91
G 59.0	17.41	16.83	14.79	15.78	17.74	17.18	19.27	20.63	23.59	26.37	30.28	35.05	40.41
G 60.0	17.02	16.12	14.55	15.72	17.05	16.71	18.79	19.82	22.88	25.58	29.92	35.07	40.10
G 61.0	16.82	15.54	13.74	15.46	16.54	16.30	18.32	19.43	23.03	25.19	29.24	34.38	40.25
G 62.0	16.51	14.91	13.30	15.01	15.84	16.06	17.47	19.19	22.41	24.86	28.32	33.99	40.39
G 63.0	15.70	14.71	12.77	14.33	15.51	15.65	17.01	18.86	21.48	24.31	28.08	34.06	40.94
G 64.0	14.84	14.12	11.94	13.39	14.78	15.31	16.18	18.13	20.61	23.95	27.89	33.27	40.95
G 65.0	14.17	13.49	11.42	12.82	14.04	14.99	15.64	18.22	20.03	23.64	27.44	33.24	41.81
G 66.0	13.54	12.83	10.79	12.09	13.40	14.39	15.22	17.48	19.35	23.54	27.69	33.45	42.53
G 67.0	12.75	11.80	10.46	11.59	12.66	13.56	14.58	16.77	18.60	22.89	27.77	33.29	43.16
G 68.0	12.11	11.08	10.26	10.70	11.77	12.77	13.99	16.17	18.31	21.34	27.71	33.32	42.64
G 69.0	11.33	10.26	9.71	10.01	11.39	11.83	13.21	15.19	16.90	20.51	27.27	32.99	42.54
G 70.0	10.55	10.06	9.12	9.35	10.62	11.13	12.13	14.36	16.17	19.61	26.36	33.26	42.37
G 71.0	10.03	9.50	8.47	8.87	9.66	10.32	11.27	13.07	15.28	18.89	25.16	32.75	41.44
G 72.0	9.22	8.58	7.56	8.39	9.01	9.56	10.42	12.10	14.23	17.49	23.82	31.69	39.41

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 6/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 0.0	332.87	332.87	332.87	332.87	332.87	332.87	332.87
G 1.0	328.94	329.23	329.44	329.98	330.01	330.36	331.10
G 2.0	325.27	324.95	325.21	324.69	324.70	324.68	325.00
G 3.0	319.91	321.75	323.10	324.24	325.41	327.17	328.30
G 4.0	320.47	322.47	325.13	327.59	329.66	330.84	332.23
G 5.0	322.07	323.35	326.43	329.09	331.80	332.96	334.59
G 6.0	323.95	326.25	328.20	330.95	333.73	335.69	337.21
G 7.0	324.82	326.23	329.63	331.18	333.49	337.80	338.86
G 8.0	323.39	326.81	330.22	332.62	334.04	336.61	339.71
G 9.0	321.30	324.19	328.83	330.86	331.74	333.08	338.18
G 10.0	319.09	323.61	325.19	327.46	329.58	332.03	335.32
G 11.0	315.74	319.87	323.62	325.28	326.93	329.35	334.35
G 12.0	313.33	316.01	319.74	323.67	325.43	328.79	331.65
G 13.0	311.21	313.91	317.30	322.60	325.09	327.43	331.22
G 14.0	307.29	310.85	314.22	318.46	324.25	327.02	330.15
G 15.0	306.39	308.79	310.80	315.75	320.12	325.04	330.24
G 16.0	301.45	303.49	306.92	311.06	315.54	322.22	328.74
G 17.0	298.82	301.17	302.98	306.30	311.79	320.03	327.67
G 18.0	294.97	299.32	300.71	304.49	309.39	317.43	325.16
G 19.0	292.88	296.03	299.30	303.46	308.45	314.76	322.70
G 20.0	289.25	292.34	298.63	300.99	307.51	314.46	321.67
G 21.0	285.00	289.04	295.08	300.27	305.80	313.00	321.28
G 22.0	281.05	285.75	291.15	298.06	306.05	313.36	319.53
G 23.0	279.46	283.56	289.82	296.69	304.77	310.76	319.05
G 24.0	275.34	281.83	286.52	293.45	302.45	307.71	317.79
G 25.0	271.50	278.57	283.22	291.63	298.67	304.13	315.67
G 26.0	267.74	273.75	280.39	288.86	295.92	302.01	316.68
G 27.0	264.64	269.95	276.76	284.20	292.65	301.83	316.91
G 28.0	260.50	266.18	273.11	282.49	291.89	303.98	316.78
G 29.0	257.86	261.51	269.33	279.03	290.12	302.18	315.99
G 30.0	252.38	257.55	265.59	275.54	288.00	300.50	315.01
G 31.0	242.07	255.12	261.17	272.50	284.11	297.88	312.67
G 32.0	231.81	250.21	260.17	269.75	283.07	293.91	311.38
G 33.0	220.03	246.59	259.02	268.67	279.75	291.20	308.05
G 34.0	204.28	240.11	253.72	266.35	275.60	288.22	306.77
G 35.0	189.51	229.79	247.78	262.98	272.43	285.11	302.90
G 36.0	170.96	218.05	242.49	257.58	268.35	282.71	300.80
G 37.0	151.88	204.15	237.67	253.09	263.63	279.03	297.47
G 38.0	134.57	189.98	232.37	247.47	258.63	273.94	292.77
G 39.0	116.26	175.19	224.88	242.26	253.88	268.60	287.65
G 40.0	98.20	159.27	215.20	236.93	248.61	263.47	282.58
G 41.0	82.99	141.48	203.82	231.30	244.15	259.39	278.82
G 42.0	70.63	124.01	190.05	224.28	241.75	258.87	277.05
G 43.0	62.82	105.81	174.91	218.70	238.62	255.63	276.54
G 44.0	57.76	90.92	161.26	212.63	234.44	253.55	276.92
G 45.0	54.83	78.19	147.41	205.47	231.23	253.04	278.52
G 46.0	51.17	69.48	133.19	194.50	226.93	250.69	279.51
G 47.0	49.53	63.77	118.67	182.89	223.71	249.97	280.92
G 48.0	47.98	59.91	103.46	169.15	219.28	249.87	282.68
G 49.0	47.50	55.98	88.64	157.17	215.33	248.76	285.54
G 50.0	46.82	53.47	77.41	145.06	212.39	250.12	290.37
G 51.0	46.11	51.39	70.55	132.77	205.77	250.81	295.76
G 52.0	45.17	50.12	65.86	120.28	196.98	248.50	296.77
G 53.0	44.93	49.77	62.56	106.22	183.80	239.75	293.67
G 54.0	44.69	49.31	59.78	93.37	167.20	225.58	284.13
G 55.0	44.76	48.62	58.46	82.22	148.43	209.88	275.53
G 56.0	44.52	48.57	56.94	75.33	130.95	196.80	270.34
G 57.0	44.69	48.44	56.70	70.98	117.95	189.15	267.26
G 58.0	44.65	48.95	54.99	67.84	108.21	182.24	266.52
G 59.0	44.55	49.32	54.09	65.29	99.92	176.21	266.18
G 60.0	44.66	49.69	53.00	62.03	91.56	165.80	262.40
G 61.0	45.29	49.63	52.23	59.18	83.60	155.58	256.30
G 62.0	45.64	49.27	51.39	56.41	74.73	145.50	248.48
G 63.0	46.27	49.62	51.96	55.38	68.97	134.34	240.23
G 64.0	47.45	49.73	52.12	54.97	65.23	123.81	232.52
G 65.0	47.54	50.15	51.93	55.05	62.93	113.74	222.99
G 66.0	48.28	51.10	51.75	54.67	61.47	104.14	214.31
G 67.0	48.19	52.41	52.02	54.09	59.97	95.70	203.02
G 68.0	48.58	53.75	51.48	53.14	57.86	86.64	188.64
G 69.0	48.94	54.00	50.93	51.65	55.42	77.54	170.60
G 70.0	48.77	52.86	50.62	49.33	52.12	69.17	150.51
G 71.0	47.30	50.82	48.58	47.31	49.57	61.96	130.59
G 72.0	45.74	47.91	46.99	44.71	45.78	56.62	110.26

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 7/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 73.0	166.15	253.40	313.59	325.62	311.31	254.02	159.81	68.70	36.17	26.66	24.33	21.91	19.59
G 74.0	123.73	198.54	253.10	261.90	255.59	203.41	120.23	52.10	29.98	23.96	21.50	19.57	18.04
G 75.0	88.06	142.90	188.78	196.22	193.53	154.44	87.15	38.77	25.48	21.40	19.38	17.88	16.05
G 76.0	62.26	98.04	133.17	137.63	138.56	110.58	60.55	29.75	22.22	18.67	17.39	15.53	14.15
G 77.0	45.83	66.98	89.68	94.22	94.60	75.56	41.56	22.99	19.17	16.83	15.33	13.40	12.48
G 78.0	34.94	48.68	61.64	63.94	63.71	49.11	28.18	18.68	16.61	14.22	13.74	11.34	10.47
G 79.0	27.86	37.23	44.17	44.74	43.74	32.33	20.23	15.05	13.77	11.91	11.38	9.31	9.22
G 80.0	22.59	30.85	35.06	33.13	29.95	21.91	15.38	12.53	11.24	9.88	9.31	7.64	7.97
G 81.0	18.12	25.15	28.79	25.74	21.50	15.61	11.96	10.00	8.82	7.78	7.16	6.30	6.20
G 82.0	13.51	20.13	22.71	19.51	15.46	11.56	8.97	7.62	6.89	6.25	5.30	4.83	4.92
G 83.0	8.94	14.59	17.02	14.24	10.73	8.02	6.34	5.54	5.00	4.57	3.82	3.51	3.54
G 84.0	5.08	9.39	11.22	9.32	7.13	4.96	4.07	3.47	3.25	2.86	2.48	2.20	2.12
G 85.0	2.29	5.00	6.04	5.14	3.95	2.64	2.21	1.81	1.74	1.49	1.43	1.18	1.20
G 86.0	0.69	1.95	2.76	2.21	1.79	0.97	1.06	0.83	0.78	0.64	0.74	0.59	0.56
G 87.0	0.15	0.52	0.94	0.72	0.58	0.31	0.33	0.20	0.31	0.22	0.27	0.22	0.20
G 88.0	0.02	0.08	0.14	0.14	0.13	0.04	0.06	0.05	0.03	0.03	0.04	0.05	0.07
G 89.0	0.01	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 8/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 73.0	17.14	16.36	14.67	14.69	13.36	13.26	12.99	14.38	15.12	16.31	17.53	19.36	21.74
G 74.0	15.91	14.80	13.23	13.16	11.98	12.10	11.77	12.65	14.03	15.03	15.97	17.66	18.94
G 75.0	14.41	13.10	11.78	11.86	10.73	10.93	10.55	11.53	12.49	13.66	14.45	15.64	17.08
G 76.0	12.45	11.58	10.09	10.58	9.66	9.62	9.48	10.14	10.92	11.96	12.85	14.01	15.62
G 77.0	10.98	10.37	9.05	9.20	8.26	8.35	8.27	9.06	9.13	10.07	10.94	12.36	13.53
G 78.0	9.39	8.87	7.85	7.89	7.11	7.21	7.15	8.02	7.84	8.49	9.30	10.70	11.63
G 79.0	8.10	7.56	6.84	6.65	6.18	6.20	6.04	6.58	6.71	7.29	7.58	8.99	9.70
G 80.0	6.92	6.31	5.78	5.38	4.94	5.34	5.14	5.51	5.60	6.27	6.28	7.43	7.94
G 81.0	5.51	4.80	4.66	4.49	4.23	4.36	4.22	4.43	4.54	5.15	5.21	5.78	6.35
G 82.0	4.13	3.58	3.56	3.50	3.23	3.40	3.23	3.43	3.49	3.73	3.91	4.32	4.73
G 83.0	3.00	2.57	2.39	2.56	2.45	2.46	2.12	2.49	2.34	2.78	2.90	3.09	3.29
G 84.0	1.99	1.53	1.54	1.82	1.54	1.70	1.35	1.51	1.53	1.87	1.87	2.07	2.21
G 85.0	1.11	1.01	0.90	1.09	0.98	1.02	0.87	0.93	0.87	1.11	1.12	1.16	1.25
G 86.0	0.59	0.47	0.49	0.55	0.47	0.54	0.52	0.42	0.36	0.60	0.60	0.58	0.60
G 87.0	0.21	0.18	0.15	0.22	0.20	0.24	0.22	0.21	0.15	0.21	0.23	0.23	0.25
G 88.0	0.04	0.05	0.04	0.06	0.05	0.09	0.10	0.06	0.06	0.06	0.05	0.05	0.04
G 89.0	0.00	0.00	0.02	0.02	0.01	0.02	0.03	0.02	0.01	0.01	0.02	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 9/18**

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 73.0	25.18	27.21	37.04	69.47	160.21	253.12	309.45	324.47	312.25	248.98	166.08	90.21	50.52
G 74.0	22.45	23.75	30.87	51.01	120.83	202.18	254.10	262.43	251.10	195.33	123.14	70.64	44.35
G 75.0	19.82	21.26	25.94	38.17	87.54	155.33	195.59	195.41	187.50	139.69	88.35	54.92	38.33
G 76.0	17.22	18.46	21.77	29.13	60.67	111.79	140.15	138.37	131.38	97.60	62.62	43.55	33.36
G 77.0	14.68	16.46	18.50	22.90	41.33	76.03	95.93	94.20	88.91	67.05	45.69	35.16	28.40
G 78.0	12.62	14.20	15.88	18.21	28.27	50.73	64.77	63.49	60.52	48.60	35.07	28.78	23.28
G 79.0	10.67	11.97	13.43	15.11	20.27	33.18	42.89	44.31	44.43	37.69	27.91	22.74	18.70
G 80.0	8.78	9.88	11.51	12.36	15.47	22.34	29.33	32.20	34.49	30.84	22.79	17.70	14.07
G 81.0	7.18	8.10	9.27	9.78	12.02	15.50	20.91	25.18	27.79	25.31	18.13	13.65	10.11
G 82.0	5.55	6.14	6.95	7.62	9.48	11.22	15.30	19.90	21.80	19.88	13.78	9.40	7.09
G 83.0	4.06	4.30	5.07	5.61	7.01	7.56	11.07	14.29	15.95	14.42	9.27	6.04	4.40
G 84.0	2.73	2.65	3.10	3.50	4.48	4.81	7.18	9.19	10.62	9.64	5.23	3.57	2.58
G 85.0	1.55	1.33	1.55	1.87	2.35	2.58	3.92	4.89	5.99	5.03	2.45	1.66	1.12
G 86.0	0.73	0.55	0.74	0.79	0.89	1.03	1.76	2.17	2.66	2.01	0.76	0.63	0.39
G 87.0	0.31	0.18	0.23	0.25	0.25	0.35	0.47	0.61	0.89	0.57	0.20	0.16	0.09
G 88.0	0.09	0.03	0.04	0.03	0.04	0.06	0.11	0.08	0.11	0.03	0.03	0.04	0.02
G 89.0	0.02	0.01	0.01	0.00	0.00	0.02	0.03	0.00	0.01	0.00	0.01	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 10/18**

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 73.0	43.41	42.52	44.45	44.35	42.47	35.87	29.41	22.84	16.83	12.39	10.89	9.71	9.21
G 74.0	39.36	39.10	40.48	40.14	38.03	33.44	26.96	20.60	15.32	10.84	9.59	8.27	8.22
G 75.0	34.78	35.23	36.19	35.57	33.75	29.63	23.98	18.13	13.32	9.56	8.43	6.88	7.26
G 76.0	30.45	30.93	31.67	30.34	28.82	25.13	20.65	15.63	11.17	7.78	6.90	5.74	6.09
G 77.0	25.88	25.91	26.55	25.27	24.07	20.72	16.97	12.71	8.93	6.46	5.78	4.57	5.14
G 78.0	21.30	21.65	22.03	20.42	19.48	16.13	13.55	9.74	7.03	5.21	4.51	3.58	4.05
G 79.0	16.90	17.26	17.55	15.91	15.40	11.99	10.23	7.41	5.47	3.94	3.70	2.89	3.09
G 80.0	12.92	13.15	13.06	12.18	11.18	8.74	7.34	5.24	3.94	2.84	2.70	2.38	2.42
G 81.0	9.68	9.65	9.68	8.91	7.75	6.10	5.02	3.70	2.90	2.22	2.05	1.86	1.93
G 82.0	6.56	6.75	6.65	6.06	5.14	3.97	3.24	2.52	1.94	1.73	1.50	1.46	1.53
G 83.0	4.20	4.10	4.17	3.84	3.55	2.51	2.17	1.68	1.33	1.23	1.02	1.15	1.08
G 84.0	2.07	2.19	2.34	1.92	2.06	1.44	1.41	1.06	0.79	0.84	0.70	0.85	0.83
G 85.0	0.85	0.96	1.08	0.86	1.11	0.69	0.67	0.50	0.42	0.49	0.42	0.51	0.48
G 86.0	0.34	0.36	0.40	0.26	0.38	0.19	0.26	0.18	0.20	0.17	0.18	0.21	0.28
G 87.0	0.10	0.10	0.07	0.08	0.06	0.04	0.06	0.05	0.04	0.06	0.06	0.07	0.11
G 88.0	0.01	0.02	0.04	0.02	0.00	0.00	0.02	0.01	0.01	0.02	0.02	0.02	0.01
G 89.0	0.01	0.01	0.02	0.00	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm Tabella 11/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 73.0	8.11	7.96	7.02	7.73	8.30	8.75	9.40	10.83	12.70	15.93	21.94	29.70	36.86
G 74.0	6.92	7.18	6.15	6.62	7.33	7.80	8.41	9.59	11.23	14.44	20.18	26.76	33.01
G 75.0	6.02	5.96	5.46	5.75	6.43	6.91	7.35	8.12	9.74	12.69	18.09	23.62	28.87
G 76.0	5.34	4.87	4.62	4.73	5.27	5.93	6.07	6.82	8.25	11.03	15.49	19.98	24.45
G 77.0	4.48	3.99	3.93	3.81	4.26	4.86	5.05	5.48	6.83	9.23	12.79	16.86	20.15
G 78.0	3.80	3.38	3.44	3.22	3.50	3.78	3.96	4.37	5.37	7.01	9.85	13.48	16.07
G 79.0	2.91	2.77	2.98	2.63	2.90	3.07	3.18	3.35	4.22	5.40	7.46	10.19	12.14
G 80.0	2.19	2.31	2.42	2.25	2.36	2.44	2.59	2.65	3.16	4.11	5.25	7.35	8.97
G 81.0	1.61	1.86	1.85	1.80	1.79	1.80	1.93	2.14	2.41	2.91	3.69	5.01	6.38
G 82.0	1.35	1.49	1.49	1.37	1.35	1.31	1.52	1.50	1.86	2.11	2.66	3.40	4.20
G 83.0	1.17	1.11	1.20	1.07	1.07	0.92	1.14	1.11	1.24	1.39	1.80	2.19	2.68
G 84.0	0.84	0.90	0.90	0.77	0.78	0.68	0.87	0.74	0.75	0.90	1.10	1.40	1.42
G 85.0	0.53	0.58	0.61	0.53	0.48	0.42	0.59	0.43	0.39	0.46	0.59	0.70	0.71
G 86.0	0.25	0.35	0.28	0.28	0.23	0.24	0.33	0.15	0.15	0.17	0.23	0.23	0.30
G 87.0	0.09	0.15	0.11	0.09	0.07	0.07	0.07	0.03	0.03	0.06	0.05	0.07	0.09
G 88.0	0.02	0.04	0.03	0.01	0.02	0.02	0.01	0.01	0.01	0.02	0.01	0.00	0.02
G 89.0	0.01	0.01	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.02	0.01	0.00	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 12/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 73.0	42.98	44.23	44.50	41.95	42.05	50.80	89.64
G 74.0	38.69	39.81	40.50	38.27	38.67	44.09	71.05
G 75.0	34.26	34.81	36.10	34.79	35.09	38.22	54.90
G 76.0	28.73	30.39	31.08	30.36	30.71	33.03	43.36
G 77.0	23.55	25.62	26.18	25.72	26.05	27.74	35.30
G 78.0	18.98	20.68	21.46	21.39	21.49	22.78	28.55
G 79.0	14.53	15.69	17.11	16.79	17.03	18.11	22.90
G 80.0	10.76	12.01	12.91	12.62	13.47	14.18	17.39
G 81.0	7.69	8.80	9.34	9.19	9.38	10.08	13.00
G 82.0	5.07	6.11	6.56	6.05	6.18	7.08	9.32
G 83.0	3.28	4.03	4.22	3.62	3.78	4.23	6.08
G 84.0	1.81	2.23	2.34	2.01	1.98	2.25	3.53
G 85.0	0.91	0.89	1.10	0.81	0.95	0.99	1.57
G 86.0	0.38	0.25	0.36	0.27	0.26	0.25	0.63
G 87.0	0.08	0.05	0.05	0.09	0.10	0.07	0.12
G 88.0	0.01	0.01	0.02	0.01	0.02	0.03	0.02
G 89.0	0.00	0.01	0.01	0.01	0.01	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm Tabella 13/18

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 14/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm Tabella 15/18

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm Tabella 16/18

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm Tabella 17/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	ITALO 1 0F3 STE-M 4.5-3M	Codice	L-IT1-0F3-4000-525-3M
Nome	ITALO 1 0F3 STE-M 4.5-3M	Nome	ITALO 1 0F3 STE-M 4.5-3M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	6590.00 lm

Tabella Intensità Luminose - cd/klm Tabella 18/18

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Rapporto di rilievo
Test Report

Costruttore *(Manufacturer)*	AEC ILLUMINAZIONE SRL Via Righi, 4 Castelnuovo di Subbiano (AR)
Tipo di prodotto *(Product type)*	Apparecchio di illuminazione per esterni *(Outdoor lighting fixture)*
Codice fotometria *(Photometry code)*	ITALO 1 0F3 STE-S 4.5-2M
Rilievo fotometrico *(Photometric measurement)*	ITALO 1 0F3 STE-S 4.5-2M
Descrizione apparecchio *(Fitting description)*	ITALO 1 0F3 STE-S 4.5-2M
Data delle prove *(Date of test)*	01-04-2014

Responsabile laboratorio fotometrico *(Photometric Laboratory manager)*	Luca Vagheggi	
Tecnico laboratorio che ha eseguito la misura *(Laboratory operator)*	Alessio Vagheggi	

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

Documentazione e Allegati
(Documentation and Annex)

Rapporto di Rilievo *(Test Report)*	**Descrizione generale** *(General description)*	
	Responsabile laboratorio fotometrico *(Photometric Laboratory Manager)*	
	Oggetto delle prove *(Object of the tests)*	
	Dati apparecchio *(Luminaire data)*	
	Normative di riferimento *(Reference standards)*	
	Condizioni di prova e strumentazione di misura *(Test conditions and measurement instruments)*	
	Dati rilievo *(Test data)*	
	Incertezza strumentale *(Instrumental accuracy)*	
Allegati *(Annex)*	**Matrice delle Intensità (cd/Klm)** *(Intensity table)*	√
	Diagramma Polare *(Polar diagram)*	√
	Diagramma Cartesiano *(Cartesian diagram)*	
	Classificazione Energetica *(Energy saving classification)*	
	Isolux *(Isolux diagram)*	
	Isocandela *(Isocandle diagram)*	
	Classificazione Strade *(Street classification)*	
	Classificazione Strade IES TM-15 *(IES TM-15 street classification)*	
	File Fotometrico Eulumdat *(Eulumdat photometric file)*	
	File Fotometrico IES *(IES photometric file)*	

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

OGGETTO DELLE PROVE

(Object of tests)

Costruttore *(Manufacturer)*	AEC ILLUMINAZIONE SRL
Tipo di prodotto *(Product type)*	Apparecchio di illuminazione per esterni *(Outdoor lighting fixture)*
Codice fotometria *(Photometry code)*	ITALO 1 0F3 STE-S 4.5-2M
Rilievo fotometrico *(Photometric measurement)*	ITALO 1 0F3 STE-S 4.5-2M
Descrizione apparecchio *(Fitting description)*	ITALO 1 0F3 STE-S 4.5-2M
Data delle prove *(Date of test)*	01-04-2014
Numero di esemplari provati *(Number of test samples)*	1
Numero rilievi *(Number of measurements)*	1

DATI APPARECCHIO

(Fitting data)

Geometria apparecchio *(Fitting shape)*	Rettangolare *(Rectangular)*
Dimensioni apparecchio *(Fitting dimensions)*	615x343x106 mm
Dimensioni area luminosa *(Luminous area dimensions)*	60x220 mm
Tipo sorgente *(Type of source)*	6 LED 4000K CRI70min.
Efficienza nominale sorgente *(Rated source efficiency)*	140lm/W@525mA Tj=85°C
Flusso e potenza apparecchio *(Luminaire luminous flux and input power)*	4440lm_41.5W
Efficienza sistema *(System efficiency)*	107 lm/W

NORMATIVE DI RIFERIMENTO

(Reference standards)

Normative di riferimento *(Reference standards)*	UNI EN 13032-1:2012 "Misurazione e presentazione dei dati fotometrici di lampade e apparecchi di illuminazione" Parte1: Misurazione e formato di file. *UNI EN 13032-1:2012 "Measurement and presentation of photometric data of lamps and luminaires" Part1: Measurement and file format.* UNI 11356:2010 "Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED"
Valutazione luce parassita *(Light inside evaluation)*	In accordo con Annex A UNI EN 13032-1 *(According to Annex A UNI EN 13032-1)*

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

CONDIZIONI DI PROVA E STRUMENTAZIONI DI MISURA

(Test conditions and measuring instruments)

Laboratorio fotometrico *(Photometric laboratory)*	Interno AEC ILLUMINAZIONE srl, in regime di sistema di qualità aziendale certificato ISO 9001:2008, certificato UL *(Internal AEC ILLUMINAZIONE srl, under ISO 9001:2008 quality system and UL certified)*			
Condizioni ambientali *(Environmental conditions)*	Temperatura ambiente 25°+/-1° C *(Ambient temperature)*			
	Umidità relativa 50+/-5% *(Relative humidity)*			
	Movimento aria nell'area di prova <0.2m/s *(Air flow in the test area)*			
Condizioni geometriche di misura *(Geometrical test conditions)*	In conformità alla UNI EN 13032-1:2012, alla UNI 11356:2010 e alle specifiche tecniche dello strumento di misura ed alle specifiche tecniche dell'apparecchio in prova. *(According to UNI EN 13032-1:2012,UNI 11356:2010 and technical specification of measuring instrument and technical specification of fixture under test.)*			
Goniofotometro *(Goniophotometer)*	A rotazione dell'apparecchio secondo EN 13032 e raccomandazione CIE 121 *Rotational according to EN 13032 and CIE 121 raccomandation*			
	☐ LAB 1	PRC KROCHMAN 702		
	☑ LAB 2	Oxytech T2		
	Distanza di misura *(Measuring distance)*	☑ 9.03m	☐ 14m	☐ 17m
Wattmetro *(Power meter)*	☐ Stabilizzatore/Analizzatore AGILENT 6812B *(AC source stabilizer/analyzer AGILENT 6812B)* ☑ Wattmetro Kinetiq N4L PPA2510 *(Kinetiq N4L PPA2510 Power Analyzer)*			
Luxmetro *(Luxmeter)*	☑ C&G			
Alimentazione campione in prova *(Power supply of tested sample)*	☐ Stabilizzatore/Analizzatore AGILENT 6812B *(AC source stabilizer/analyzer AGILENT 6812B)* ☑ Stabilizzatore ELETTROTEST TPS/M 6000 *(Stabilizer ELETTROTEST TPS/M)*			
	Tensione di alimentazione 230V+/-0.2% *(AC power supply voltage)*			
	Frequenza di alimentazione 50Hz+/-0.1% (AC power supply frequency)			
	Distorsione armonica <0.5% *(Harmonic distortion)*			

I risultati delle verifiche e prove qui riportati, si riferiscono esclusivamente agli esemplari esaminati e descritti nella presente Relazione. L'estensione del riferimento ad esemplari che non siano quelli sottoposti alle verifiche descritte in seguito esula dallo scopo delle verifiche stesse. E' vietata la riproduzione integrale o parziale senza l'autorizzazione scritta di Aec illuminazione srl. L'immagine dell'apparecchio nella prima pagina è puramente indicativa della tipologia di apparecchio sottoposto a test.

(Result of tests and verification here reported are solely recere to the samples under test and described in this report. Scope of tests described in this report cannot be extended to other samples different to those referred. Partial or integral reproduction or copy of this report is forbidden without written authorization by AEC Illuminazione srl.) The image of the luminaire on the first page is merely indicative of the kind of luminaire under test.

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

DATI RILIEVO

(Measurement data)

Posizione di Misura *(Measurement position)*	Verticale *(Vertical)*
Tipo di rilievo *(Measurement type)*	C-Gamma
Tempo di stabilizzazione *(Time of stabilization)*	60 minuti *(60 minutes)*
Stabilizzazione flusso *(Flux stabilization)*	In accordo alla UNI 11356:2010 e EN 13032-1:2012, stabilità raggiunta con variazioni di flusso <1% *According to UNI 11356:2010 and EN 13032-1:2012, less than 1% of luminous flux variation*
Stabilizzazione Potenza *(Power stabilization)*	In accordo alla UNI 11356:2010 e EN 13032-1:2012, stabilità raggiunta con variazioni di flusso <1% *According to UNI 11356:2010 and EN 13032-1:2012,less than 1% of input power variation*

INCERTEZZA STRUMENTALE

(Instrumental accuracy)

Encoder goniofotometro Oxytech T2 *(Goniophotometer Oxytech T2 encoder)*	Precisione angolare in C – gamma *(C-gamma angular precision)*	± 0.044°
Luxmetro C&G *(C&G luxmeter)*	f1'	< 1,23%
Wattmetro Kinetiq N4L PPA2510 *(Kinetiq N4L PPA2510 power analyzer)*	Accuratezza di potenza *(Power accuracy)*	< [0.05% + 0.03%/pf +(0.01%/kHz)/pf] Rdg + 0.05%VA Rng

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm
Valore Massimo	651.37 cd/klm	Posizione	C=150.00 G=56.00	Asimmetrico	

Apparecchio Rettangolare	Lung.	615 mm	Larg.	343 mm	Alt.	106 mm	
Area Luminosa Rettangolare	Lung.	60 mm	Larg.	220 mm	Alt.	0 mm	

Area Luminosa Orizzontale	0.013200 m2	Area Luminosa Piano 180°	0.000000 m2
Area Luminosa Piano 0°	0.000000 m2	Area Luminosa Piano 270°	0.000000 m2
Area Luminosa Piano 90°	0.000000 m2	Area Luminosa a 76°	0.003193 m2

Tipo di Simmetria	Asimmetrico	Massimo Angolo Gamma	180
Distanza di rilievo	0.00	Flusso di rilievo	4440.00 lm

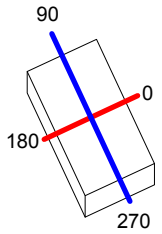
Operatore	Alessio Vagheggi	Tensione alimentazione	
Temperatura	25.00 °C	Corrente di alimentazione	
Umidità		Fotocellula	
Note			

Lampade Apparecchio

Archivio	Codice	Nome	Flusso [lm]	Pot. [W]	Q.tà
Eulumdat	L-IT1-0F3-4000-525-2M	L-IT1-0F3-4000-525-2M - 41.50 W	4440.00	41.50	1

C.I.E.	47 82 98 100 100	D DIN 5040	A30
F UTE	1.00 F	B NBN	BZ 5 / 0.8 / BZ 4

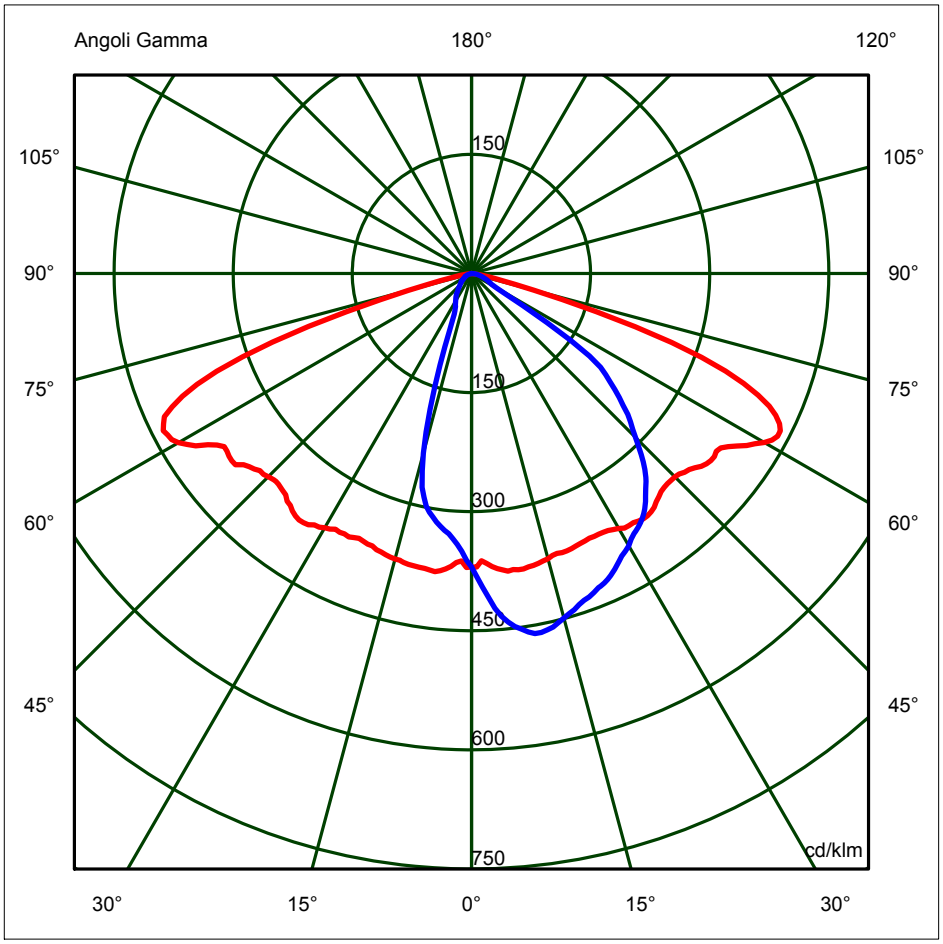
615mm x 343mm



Semipiani C

180.0 — 0.0

270.0 — 90.0



ULOR	0.00 %
DLOR	100.00 %
RN	0.00 %

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 1/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	369.58	370.42	371.10	372.24	373.09	374.09	374.66	375.97	376.66	377.59	378.31	378.90	379.66
G 2.0	361.95	364.65	366.34	369.36	372.50	375.43	378.43	380.57	382.75	384.69	386.75	388.25	389.87
G 3.0	365.59	368.04	370.08	373.25	375.52	377.68	379.69	381.56	382.65	384.27	389.72	395.27	399.63
G 4.0	369.83	372.33	375.64	378.79	382.89	386.15	388.60	391.36	394.21	397.02	399.95	401.67	405.09
G 5.0	373.00	376.98	382.24	386.49	389.92	393.76	397.95	401.00	404.33	406.80	409.70	412.12	413.58
G 6.0	375.35	380.35	385.86	390.57	395.77	401.18	405.47	409.75	412.38	415.93	417.37	419.79	420.90
G 7.0	377.71	383.89	390.42	397.09	402.21	409.06	414.29	420.14	423.91	426.00	426.50	425.71	426.17
G 8.0	376.49	386.44	393.33	401.90	409.01	417.01	423.11	429.33	432.88	434.29	434.92	433.84	433.88
G 9.0	377.76	388.54	397.88	407.41	416.62	426.02	431.47	437.57	442.31	443.03	443.23	443.16	440.94
G 10.0	377.75	389.08	401.06	410.65	421.84	429.53	437.86	443.84	449.21	450.60	450.38	448.06	445.41
G 11.0	376.24	389.08	402.75	413.85	425.22	434.71	442.55	448.09	452.89	454.06	455.98	454.28	450.00
G 12.0	375.84	389.09	405.10	418.66	429.27	438.01	446.62	450.45	454.37	457.56	457.21	454.54	452.09
G 13.0	374.56	389.98	405.76	422.56	432.74	442.93	448.43	454.08	457.79	458.14	458.57	454.49	452.27
G 14.0	373.04	389.61	407.56	425.21	437.32	447.33	450.13	455.29	456.62	459.62	458.11	456.09	451.69
G 15.0	371.91	389.45	407.11	425.38	439.70	447.77	453.28	456.02	456.26	459.56	457.69	454.12	450.40
G 16.0	369.30	389.61	408.47	427.08	440.07	448.28	453.83	455.64	456.41	457.59	457.47	454.36	449.89
G 17.0	368.46	391.26	410.02	427.24	441.78	449.30	453.97	453.44	455.41	453.66	453.75	451.10	447.36
G 18.0	369.44	392.22	410.91	429.50	443.42	449.46	451.60	452.67	453.53	452.94	452.12	449.10	445.93
G 19.0	369.28	392.82	412.34	430.95	443.08	448.52	451.47	450.65	452.55	451.76	448.99	447.37	441.22
G 20.0	368.63	392.42	413.09	431.59	444.24	449.06	449.85	449.07	450.62	449.93	447.98	444.86	439.30
G 21.0	367.43	392.94	414.76	433.18	442.98	447.30	446.93	447.36	448.18	445.16	444.54	441.70	437.69
G 22.0	366.49	391.87	416.23	432.88	442.55	447.07	447.86	445.43	445.81	444.12	440.24	437.83	433.24
G 23.0	365.87	391.79	417.59	433.34	444.97	444.66	444.70	443.26	442.19	439.26	437.90	434.39	432.02
G 24.0	364.92	392.90	418.11	435.43	444.74	447.09	443.47	439.98	437.65	436.81	435.17	431.66	431.18
G 25.0	365.40	393.76	420.78	437.32	443.48	445.50	442.74	434.88	432.46	434.20	432.48	428.06	427.00
G 26.0	365.23	396.22	423.96	438.47	440.98	442.83	438.29	429.60	427.80	429.66	431.01	424.60	425.15
G 27.0	365.68	399.04	425.36	440.33	440.84	440.49	433.45	425.97	424.42	425.06	425.86	420.24	420.07
G 28.0	366.46	399.34	427.91	441.24	441.74	436.37	429.85	422.77	420.22	421.10	421.32	416.75	416.64
G 29.0	368.57	403.89	429.84	444.05	442.14	435.38	426.80	417.69	417.09	418.27	419.28	414.39	413.48
G 30.0	370.73	406.96	433.46	445.27	442.03	432.10	423.96	416.46	412.82	415.80	415.38	411.67	410.57
G 31.0	373.98	410.77	437.01	447.38	440.28	429.51	423.29	411.65	409.72	411.80	412.72	410.28	408.18
G 32.0	374.32	414.06	440.64	447.04	441.07	425.77	420.20	409.31	406.69	407.70	409.62	405.85	403.38
G 33.0	374.13	418.40	444.60	447.94	442.81	422.86	415.28	405.65	404.55	404.64	405.79	401.80	398.73
G 34.0	375.92	423.03	448.52	448.28	441.83	420.71	410.80	401.63	402.86	399.38	402.34	396.07	396.32
G 35.0	377.25	425.85	449.52	445.98	437.64	416.51	406.11	399.26	399.06	398.76	398.35	393.59	393.07
G 36.0	377.09	427.56	451.34	446.38	433.31	411.60	399.81	395.38	396.14	396.83	395.31	389.75	389.42
G 37.0	375.76	425.80	452.25	448.11	430.28	410.09	396.79	394.58	393.92	393.83	391.14	384.94	385.65
G 38.0	373.50	424.71	451.07	447.97	428.98	406.73	393.32	391.59	392.73	391.15	387.30	382.20	379.99
G 39.0	369.76	422.00	449.76	449.86	428.09	405.56	394.25	391.28	391.65	389.74	384.08	377.03	372.96
G 40.0	366.94	420.41	449.04	450.03	428.27	406.59	395.09	391.89	393.88	388.64	382.14	372.71	366.55
G 41.0	363.97	419.80	448.53	448.85	428.53	407.74	398.87	394.47	395.92	390.86	381.21	368.22	360.90
G 42.0	362.53	421.58	446.76	448.58	428.17	411.32	401.25	398.07	396.77	390.20	378.72	365.68	355.75
G 43.0	361.85	422.37	446.82	448.21	430.78	414.83	407.89	403.60	400.48	392.37	377.56	361.42	350.11
G 44.0	361.92	423.27	449.23	449.40	433.28	420.99	413.90	411.20	405.51	396.02	376.96	356.79	345.41
G 45.0	362.12	425.16	453.13	453.07	438.55	429.42	424.90	424.39	413.21	398.93	378.34	354.55	339.40
G 46.0	363.50	428.12	458.46	461.36	449.01	440.05	435.98	438.35	426.63	406.89	382.53	354.16	333.77
G 47.0	366.83	431.30	464.75	470.28	458.32	453.48	450.66	455.92	442.28	417.76	385.89	353.68	329.17
G 48.0	368.98	434.07	472.50	481.90	473.70	469.76	472.21	478.30	461.70	430.24	390.75	350.99	322.92
G 49.0	372.74	436.23	479.70	494.91	493.80	490.17	497.54	501.94	480.84	440.01	393.77	344.72	312.16
G 50.0	377.66	442.91	485.27	508.18	511.56	512.58	522.37	527.06	500.60	449.27	392.72	336.27	299.56
G 51.0	380.80	448.80	492.39	521.07	530.16	539.32	548.32	551.46	515.01	453.65	385.39	324.62	285.48
G 52.0	382.55	456.38	503.25	534.86	550.05	565.95	577.85	570.84	526.68	453.21	376.55	307.62	268.50
G 53.0	382.96	463.10	511.73	548.22	569.61	593.09	602.24	588.00	533.45	448.03	360.84	289.90	253.02
G 54.0	380.95	467.02	522.31	562.26	587.68	615.42	625.61	601.60	533.72	432.98	339.10	269.83	237.19
G 55.0	383.06	471.13	528.38	570.99	600.83	631.42	643.69	608.46	528.31	411.31	316.18	248.73	222.42
G 56.0	389.84	477.07	535.78	576.27	606.48	639.68	651.17	606.67	510.20	379.54	287.85	229.00	206.97
G 57.0	398.65	486.52	543.65	582.07	608.39	640.66	649.47	594.20	482.46	344.85	258.39	211.55	192.06
G 58.0	408.70	500.04	556.74	591.08	611.09	635.65	638.51	569.77	447.41	310.23	234.19	194.53	172.19
G 59.0	416.31	514.14	573.98	600.76	613.95	625.11	611.21	530.09	404.59	276.06	212.68	173.36	145.71
G 60.0	425.63	526.20	586.36	611.26	618.66	610.24	577.23	480.05	357.50	244.16	190.82	146.25	112.30
G 61.0	432.56	534.99	595.49	617.27	619.14	593.59	537.62	421.85	305.60	213.94	164.26	113.13	78.62
G 62.0	436.55	541.26	603.56	621.42	614.45	573.84	494.60	363.49	256.36	181.87	133.17	83.25	54.10
G 63.0	436.49	543.75	605.49	620.03	602.58	546.74	448.95	310.18	211.04	147.10	99.95	59.71	40.16
G 64.0	431.54	540.66	602.86	610.99	585.48	513.80	404.42	263.36	171.16	112.97	71.29	44.62	35.35
G 65.0	422.54	536.00	596.17	599.13	561.39	474.74	358.66	223.10	136.34	83.52	52.11	38.06	32.84
G 66.0	410.43	527.18	584.37	580.38	532.96	434.59	313.83	186.33	107.07	62.62	42.49	34.73	30.83
G 67.0	391.95	514.96	568.91	556.75	499.99	395.82	271.19	153.54	82.65	49.70	38.01	32.19	28.83
G 68.0	369.65	493.26	545.08	525.65	461.58	352.97	234.21	124.00	65.31	42.73	34.90	30.19	27.03
G 69.0	342.74	465.35	512.00	487.14	426.09	313.15	197.80	97.29	53.08	38.25	32.71	27.82	25.36
G 70.0	308.33	429.55	472.76	440.30	382.50	273.33	163.78	77.49	45.61	34.08	30.61	25.75	24.17
G 71.0	266.60	386.27	427.57	393.30	334.47	231.42	131.86	61.41	40.21	31.22	27.62	23.87	21.93
G 72.0	216.83	335.26	374.33	340.99	285.64	190.88	102.67	49.70	35.22	28.01	24.92	21.92	20.31

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 2/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	380.12	380.55	380.58	381.60	381.80	381.98	382.24	382.69	382.63	382.50	381.95	380.70	380.47
G 2.0	391.94	393.03	393.74	394.29	394.36	394.94	394.62	395.21	394.97	393.66	392.82	390.70	389.79
G 3.0	402.69	404.38	406.41	407.62	409.02	408.48	407.94	408.63	407.33	405.50	403.76	401.50	397.63
G 4.0	412.88	417.20	419.90	421.92	423.14	422.72	420.71	419.84	418.68	416.13	413.13	405.13	402.33
G 5.0	415.69	423.45	428.29	431.94	432.37	433.31	432.40	429.58	426.43	422.99	414.97	413.99	413.05
G 6.0	421.25	422.63	433.93	437.55	440.10	441.42	439.97	438.43	434.70	426.17	425.78	424.81	421.85
G 7.0	427.81	430.75	436.92	443.32	446.09	447.89	447.22	444.53	439.18	433.10	433.04	433.10	432.27
G 8.0	432.81	434.65	436.13	446.29	450.95	452.20	453.29	448.99	438.23	440.09	438.24	439.41	441.07
G 9.0	440.11	440.40	438.97	450.41	455.66	457.12	456.04	450.73	441.46	443.96	444.13	444.30	445.84
G 10.0	443.95	442.15	441.03	449.86	458.18	460.47	458.34	449.98	441.80	444.27	445.58	448.11	449.87
G 11.0	445.96	443.60	441.01	445.76	457.40	460.44	458.27	447.91	441.81	442.85	447.24	450.86	453.01
G 12.0	448.05	444.79	441.20	439.34	455.31	458.89	456.20	440.87	441.06	444.15	448.30	454.82	454.72
G 13.0	449.39	446.08	439.87	435.53	450.77	456.87	452.68	438.48	439.84	444.33	450.26	454.18	456.92
G 14.0	447.91	443.82	437.12	434.87	446.00	452.96	447.57	434.91	437.53	441.93	447.93	453.70	457.37
G 15.0	447.50	440.85	434.22	432.37	444.03	449.25	443.63	432.36	433.31	439.66	446.34	450.86	453.70
G 16.0	443.79	437.80	429.50	428.73	441.25	445.71	438.40	426.89	431.51	438.15	442.60	449.30	452.15
G 17.0	442.95	434.19	428.39	426.26	437.73	442.81	436.09	425.06	429.04	435.21	440.38	445.94	449.84
G 18.0	439.65	434.25	426.16	422.71	433.31	438.45	431.54	422.22	427.81	432.73	439.89	444.59	449.79
G 19.0	437.30	431.59	424.15	421.16	429.85	435.33	428.05	419.62	426.88	431.41	437.23	443.89	445.09
G 20.0	435.91	431.30	424.22	418.55	426.26	433.37	424.58	417.91	425.60	428.57	435.25	441.97	442.14
G 21.0	433.34	427.94	421.45	417.37	421.98	430.22	421.41	416.29	424.81	428.58	434.12	439.92	439.97
G 22.0	431.76	424.44	420.06	412.88	418.40	426.65	418.16	417.13	421.11	426.65	431.60	436.27	438.23
G 23.0	428.86	422.64	417.34	410.88	414.03	424.96	413.02	413.92	419.09	422.62	428.30	432.17	435.88
G 24.0	425.66	420.72	414.51	409.68	409.12	421.22	410.04	410.36	417.45	420.71	425.00	429.22	431.27
G 25.0	425.39	417.60	413.07	406.99	405.27	417.84	405.66	408.75	414.99	418.87	424.38	427.41	427.50
G 26.0	422.00	416.12	411.72	405.20	400.14	412.85	401.63	404.64	413.94	416.96	421.60	424.28	426.81
G 27.0	421.02	414.24	409.60	403.91	395.16	408.08	396.67	401.00	411.93	415.56	419.84	422.22	424.09
G 28.0	419.01	413.55	407.35	401.40	393.89	403.01	392.70	398.33	407.03	412.59	416.19	419.10	419.67
G 29.0	413.12	410.09	404.33	398.36	388.22	399.74	390.40	396.52	403.66	410.94	412.30	415.70	416.14
G 30.0	411.39	406.65	401.00	394.50	384.04	395.95	387.75	394.07	399.64	408.32	410.69	411.88	411.86
G 31.0	406.16	405.23	398.93	389.79	380.69	390.18	382.83	390.68	396.24	406.45	407.55	408.68	409.03
G 32.0	402.35	401.35	395.47	386.77	377.62	386.26	380.30	385.91	394.31	402.74	403.21	405.01	405.97
G 33.0	398.51	396.78	391.49	385.51	376.45	382.99	377.41	384.12	392.24	400.00	399.96	400.03	402.31
G 34.0	395.20	392.07	385.71	381.47	372.63	379.75	375.38	380.81	388.16	393.90	395.20	396.19	398.75
G 35.0	390.37	388.11	381.47	378.36	369.27	375.76	370.45	376.77	384.63	389.18	390.21	393.28	394.89
G 36.0	386.34	384.11	375.78	371.59	362.90	369.76	363.99	371.03	377.87	385.01	386.41	390.66	390.80
G 37.0	379.03	379.09	370.90	365.89	357.01	363.80	357.30	363.41	372.06	379.31	381.19	386.18	387.01
G 38.0	374.62	374.22	364.40	358.86	351.43	355.95	349.50	357.72	366.19	372.96	376.22	379.45	382.74
G 39.0	368.27	367.75	359.21	352.28	343.18	348.49	343.05	352.23	359.02	365.40	369.62	375.10	376.83
G 40.0	361.70	359.80	352.14	343.75	334.99	341.72	335.05	344.84	349.86	357.38	361.15	369.70	371.54
G 41.0	355.03	351.87	343.10	335.31	324.37	333.76	326.77	335.94	341.94	348.60	352.89	363.53	367.80
G 42.0	346.54	342.54	332.76	326.18	316.38	324.53	317.71	327.44	332.16	340.60	345.72	357.35	364.98
G 43.0	337.94	332.52	321.56	317.43	309.33	313.85	309.28	317.91	324.25	330.48	339.04	349.72	360.63
G 44.0	330.82	324.24	311.44	306.44	300.73	303.32	298.83	307.67	314.20	321.40	331.60	343.33	357.92
G 45.0	322.38	313.14	299.54	295.38	289.43	292.00	288.27	294.31	303.02	312.72	323.46	338.36	356.32
G 46.0	313.14	302.02	288.83	284.52	278.20	282.01	277.93	284.38	292.93	302.20	315.33	333.05	354.71
G 47.0	304.32	292.72	277.32	274.87	266.74	273.80	267.74	274.36	280.69	291.43	306.01	326.94	352.81
G 48.0	295.31	279.96	267.14	263.27	256.11	264.90	256.40	263.13	268.42	280.11	296.24	320.76	350.11
G 49.0	283.62	267.72	257.53	253.27	244.34	252.67	245.04	252.13	256.65	269.33	284.10	310.73	343.81
G 50.0	269.95	256.36	246.04	243.10	234.42	242.91	234.67	241.55	246.08	256.62	272.22	297.65	335.44
G 51.0	256.81	243.67	234.97	232.70	224.61	232.13	225.29	231.83	237.41	243.98	258.43	283.26	323.97
G 52.0	242.25	232.06	224.46	222.70	216.03	221.04	216.04	222.28	228.64	232.15	244.78	268.83	312.54
G 53.0	230.70	221.46	215.37	211.75	206.48	211.59	205.59	213.48	217.00	221.56	232.82	251.45	293.69
G 54.0	218.95	210.62	205.85	199.89	195.42	200.78	194.14	202.98	204.06	210.68	221.02	234.51	274.02
G 55.0	206.77	200.46	191.81	183.64	175.87	181.35	174.68	186.32	188.44	199.05	208.36	219.87	253.24
G 56.0	191.53	183.08	166.29	158.03	145.60	150.33	145.00	159.48	164.28	181.67	192.83	206.22	232.11
G 57.0	171.38	156.39	131.83	121.68	107.85	112.97	107.87	122.26	130.54	155.64	171.15	191.63	213.58
G 58.0	142.70	121.01	93.44	83.17	71.76	76.27	72.38	82.90	93.82	121.84	141.86	171.74	195.90
G 59.0	108.04	83.93	62.69	54.17	47.18	49.97	46.85	53.61	62.76	85.33	107.07	144.61	172.88
G 60.0	75.15	56.03	43.51	38.66	35.10	36.69	34.68	37.90	43.73	57.44	74.71	110.52	146.69
G 61.0	51.48	40.59	35.28	33.55	30.96	31.25	30.73	33.21	35.48	41.58	51.55	78.10	113.92
G 62.0	39.76	34.77	32.07	30.68	28.84	28.93	28.44	30.55	31.42	35.12	38.93	53.10	83.78
G 63.0	34.55	32.21	29.28	28.77	26.61	26.59	26.42	28.07	29.49	32.13	34.12	40.14	59.33
G 64.0	32.47	29.95	27.61	26.89	24.55	24.90	24.45	25.90	27.54	29.74	31.99	35.01	44.37
G 65.0	30.38	28.03	26.06	25.15	23.38	23.85	23.07	24.38	25.92	27.65	30.37	32.15	37.68
G 66.0	28.48	26.25	24.17	23.62	22.21	22.91	21.63	22.78	24.23	26.51	28.32	30.08	33.94
G 67.0	26.42	24.80	22.99	22.23	21.15	21.56	20.43	21.35	22.75	24.79	26.55	28.59	32.07
G 68.0	24.91	23.46	21.59	20.89	19.66	20.33	19.29	20.21	21.86	23.37	25.02	26.37	30.02
G 69.0	23.15	21.80	20.78	19.72	18.15	18.81	18.11	18.71	20.47	21.76	23.20	24.96	27.91
G 70.0	21.72	20.41	19.39	18.63	16.97	17.15	17.32	17.69	19.39	20.30	21.95	23.64	26.08
G 71.0	20.20	19.23	17.89	17.30	15.68	16.15	15.94	16.90	18.22	19.43	20.47	22.31	24.31
G 72.0	18.61	17.94	16.79	16.40	14.99	14.65	15.23	16.02	16.97	18.08	19.80	20.72	22.01

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento 100.00% | Sistema Coordinate CG | Flusso Totale 4440.00 lm

Tabella Intensità Luminose - cd/klm Tabella 3/18

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	379.30	378.80	377.86	377.19	376.51	374.91	374.04	373.08	372.18	371.06	370.19	369.12	368.41
G 2.0	387.83	385.40	384.17	382.31	379.30	376.24	372.84	369.36	366.17	363.26	362.08	359.98	359.45
G 3.0	391.56	386.20	383.82	381.90	379.93	377.60	375.56	372.56	369.82	367.53	364.52	361.55	358.89
G 4.0	399.39	398.13	395.83	392.33	388.72	386.29	383.66	380.40	375.56	371.78	369.75	365.90	362.24
G 5.0	411.39	409.83	406.56	404.78	400.05	396.31	391.86	387.59	383.44	378.65	373.42	368.02	363.53
G 6.0	421.18	419.78	416.97	413.30	408.66	403.55	399.43	393.04	388.08	382.38	376.28	371.25	365.04
G 7.0	430.59	429.59	426.50	422.96	418.50	412.93	407.63	399.42	391.94	385.90	378.21	371.30	363.89
G 8.0	438.01	437.10	434.45	430.52	426.21	420.73	414.08	404.65	394.83	386.61	377.09	368.69	362.08
G 9.0	444.45	443.78	442.71	438.67	433.26	428.27	419.20	409.70	398.03	387.12	376.00	367.23	360.08
G 10.0	450.78	449.07	447.99	443.76	438.95	432.38	423.02	413.41	401.29	388.77	375.77	366.13	356.63
G 11.0	454.26	453.71	450.82	448.72	443.54	436.85	428.62	416.80	403.24	388.19	375.56	363.97	352.77
G 12.0	457.21	455.58	453.75	451.07	445.99	439.27	429.90	419.65	406.20	390.35	374.74	360.81	351.13
G 13.0	458.65	457.32	455.94	452.74	449.28	443.48	434.05	422.09	406.99	390.90	374.06	358.89	347.21
G 14.0	458.13	458.79	458.05	455.34	451.15	443.81	436.81	424.62	409.26	390.59	372.29	356.75	343.86
G 15.0	457.54	460.20	459.10	456.58	452.63	446.75	437.64	425.97	410.57	391.69	372.14	355.49	340.39
G 16.0	456.55	458.92	457.59	457.89	454.15	448.96	439.47	426.57	410.39	389.90	371.49	353.03	336.93
G 17.0	455.34	456.25	457.09	454.02	452.81	448.70	441.16	428.55	410.56	391.70	370.29	352.44	335.15
G 18.0	454.50	455.04	455.39	453.56	452.83	450.04	443.96	430.16	411.11	388.61	368.65	349.11	331.53
G 19.0	450.18	454.45	452.93	453.44	453.81	449.68	445.79	430.89	410.65	389.47	367.77	347.39	327.78
G 20.0	445.64	451.00	449.95	451.83	451.64	448.82	444.25	430.44	412.64	389.90	364.95	345.37	325.90
G 21.0	442.23	447.03	448.92	450.09	449.51	447.93	443.49	432.55	414.17	390.25	364.92	341.10	322.03
G 22.0	440.33	442.47	445.33	445.05	447.12	445.53	441.63	432.49	416.58	391.59	363.56	339.23	321.35
G 23.0	437.53	440.41	441.88	443.23	444.79	443.12	441.04	433.95	418.40	391.86	362.38	338.20	320.61
G 24.0	433.54	434.69	437.05	439.87	443.01	442.23	441.39	435.31	419.62	392.78	364.00	336.89	317.09
G 25.0	430.81	429.97	432.37	436.05	439.19	441.03	441.20	435.60	421.96	396.05	365.89	335.94	316.06
G 26.0	428.12	425.99	428.92	431.64	437.95	440.71	443.95	438.23	423.46	397.99	364.74	333.74	314.34
G 27.0	425.90	423.63	424.67	428.65	435.05	439.68	447.12	438.86	425.01	399.55	365.80	332.69	311.72
G 28.0	419.53	419.20	424.08	424.97	431.25	438.89	446.03	440.85	426.89	400.34	364.80	331.67	309.83
G 29.0	417.11	416.61	420.37	420.97	427.85	436.36	444.57	443.39	431.36	402.97	367.90	330.82	306.15
G 30.0	412.33	413.26	415.31	418.58	424.07	433.27	443.29	445.15	434.37	406.59	369.66	332.54	305.77
G 31.0	410.53	409.22	412.86	415.26	420.20	431.64	441.50	445.84	438.04	407.89	372.54	330.76	303.00
G 32.0	405.58	407.69	408.47	410.92	417.10	429.12	439.77	448.72	443.16	409.90	373.36	331.75	301.74
G 33.0	402.19	403.58	405.69	408.62	410.95	425.18	436.54	449.89	446.06	415.12	377.24	332.05	299.94
G 34.0	399.58	401.72	403.20	400.14	406.49	419.54	435.32	450.03	449.20	420.19	378.45	330.65	297.90
G 35.0	397.78	400.86	399.46	395.97	401.56	417.02	435.34	450.10	450.47	426.32	378.82	329.06	295.30
G 36.0	394.20	397.09	399.04	393.31	401.14	413.37	435.56	449.66	452.16	429.25	377.28	326.68	290.63
G 37.0	392.92	393.64	396.44	394.68	399.94	409.49	433.47	447.41	453.09	428.66	374.52	322.40	284.56
G 38.0	389.42	392.05	394.45	396.75	398.91	408.68	429.97	446.98	454.02	429.12	370.53	317.05	278.14
G 39.0	384.26	389.75	392.95	396.45	399.24	405.56	428.96	448.06	455.04	424.91	368.88	313.58	271.92
G 40.0	382.97	390.17	394.76	395.57	398.03	405.55	426.71	446.50	452.64	422.73	363.92	309.14	269.58
G 41.0	379.76	390.17	396.98	396.47	399.78	408.22	426.30	446.94	450.85	420.88	362.09	304.91	264.73
G 42.0	378.94	389.85	399.73	397.87	403.75	409.97	427.11	446.80	451.90	419.97	360.85	300.26	259.96
G 43.0	379.21	392.85	402.82	403.13	406.35	412.00	428.96	446.38	449.41	421.12	359.37	295.95	256.55
G 44.0	381.20	395.60	407.98	410.51	412.97	419.06	434.17	450.24	451.46	421.90	360.12	293.70	251.87
G 45.0	382.33	400.64	417.16	421.87	423.46	428.87	438.89	456.34	454.24	425.45	361.93	292.18	249.04
G 46.0	381.92	409.45	431.24	436.50	437.34	439.30	448.48	463.00	458.81	430.47	364.11	292.79	246.32
G 47.0	384.39	419.38	445.99	455.43	454.67	453.26	460.88	472.69	464.33	432.83	364.16	292.12	242.31
G 48.0	386.79	431.75	461.24	476.49	475.90	471.16	476.28	482.32	470.92	435.43	367.95	292.25	239.54
G 49.0	388.92	440.50	480.42	499.91	499.88	492.79	493.98	493.06	477.11	441.28	370.82	293.46	236.78
G 50.0	390.64	448.53	497.72	525.71	525.49	514.45	512.44	505.35	486.49	446.56	374.65	297.43	233.69
G 51.0	387.71	453.73	514.89	550.28	552.93	539.70	530.44	518.48	493.59	451.45	382.60	299.11	225.96
G 52.0	377.35	451.67	528.42	573.38	579.96	565.13	550.50	531.91	502.98	455.92	383.05	296.30	214.48
G 53.0	363.32	445.51	535.88	590.22	603.74	588.52	568.25	547.45	513.65	460.62	382.33	289.71	199.38
G 54.0	341.23	430.39	537.18	601.52	626.74	611.48	586.69	560.50	522.57	463.51	380.62	280.58	185.61
G 55.0	315.40	407.44	529.16	606.53	641.74	628.72	601.41	568.19	530.66	467.71	380.11	272.95	174.45
G 56.0	288.22	379.34	512.91	603.75	651.37	638.05	610.90	575.49	537.08	472.74	386.42	269.28	165.69
G 57.0	259.70	345.07	485.68	590.13	650.46	640.81	614.78	581.73	545.41	484.65	395.84	272.88	159.98
G 58.0	235.62	311.16	447.14	565.84	637.13	637.36	616.29	591.90	558.18	499.34	409.37	275.39	153.92
G 59.0	212.70	276.20	404.63	530.12	611.89	625.12	619.67	603.45	571.88	512.43	417.94	276.37	147.73
G 60.0	190.12	243.20	356.03	481.17	577.26	611.89	621.36	612.59	584.96	524.29	425.98	275.91	143.47
G 61.0	164.52	213.57	307.42	422.67	536.35	594.72	622.33	619.30	595.62	532.59	431.50	274.35	138.56
G 62.0	133.27	182.51	258.17	364.28	494.22	571.41	618.44	621.13	601.67	538.64	433.20	271.95	132.38
G 63.0	99.93	149.50	211.96	309.26	451.46	546.31	606.61	618.56	604.95	544.59	435.69	267.75	125.61
G 64.0	70.77	113.40	171.77	264.07	406.49	513.51	589.16	613.46	602.93	547.04	431.41	259.58	120.69
G 65.0	52.20	83.84	136.51	223.37	361.18	478.53	566.98	596.18	597.00	544.60	426.73	248.67	116.25
G 66.0	42.61	62.26	107.15	186.54	314.65	437.15	537.94	576.21	587.42	532.21	412.49	237.19	112.13
G 67.0	38.25	50.40	82.75	153.43	271.50	395.53	504.29	554.11	569.88	516.39	395.40	222.14	107.48
G 68.0	35.33	43.27	65.07	123.95	232.03	352.75	467.30	524.96	545.53	494.08	372.74	204.30	101.29
G 69.0	31.80	38.27	52.22	98.01	196.70	311.55	425.61	488.63	510.84	464.59	343.55	183.61	93.51
G 70.0	28.86	34.54	43.82	77.08	163.06	271.21	379.42	444.75	471.73	430.46	306.86	159.23	82.70
G 71.0	26.57	31.14	38.22	61.94	130.10	231.68	332.61	393.55	426.21	385.38	265.24	132.34	69.53
G 72.0	24.89	28.38	33.70	49.55	101.63	189.91	285.62	340.25	372.93	332.73	215.97	104.98	55.94

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 4/18**

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	367.38	366.39	365.50	364.77	363.79	363.58	362.52	362.09	362.12	361.47	361.53	361.32	361.27
G 2.0	358.62	357.76	356.72	356.42	355.28	353.75	352.74	351.36	351.87	350.99	349.83	349.05	349.26
G 3.0	355.83	353.64	351.19	348.32	345.01	342.52	339.81	340.58	341.58	341.41	341.67	341.02	341.05
G 4.0	358.02	353.32	348.81	346.15	341.90	338.66	335.39	333.95	331.23	329.34	332.56	333.77	333.26
G 5.0	359.50	353.91	349.11	343.42	339.71	336.37	332.95	330.12	326.99	324.02	321.13	326.18	327.76
G 6.0	360.01	353.63	347.10	341.31	336.53	333.27	328.70	327.38	323.84	322.05	319.59	317.66	321.36
G 7.0	357.15	351.87	344.00	337.97	333.43	329.28	326.89	323.30	321.40	318.35	316.52	314.23	316.60
G 8.0	354.16	348.62	341.00	335.23	329.05	325.63	323.10	320.26	318.09	315.38	312.06	310.69	307.65
G 9.0	352.73	343.93	336.90	331.81	326.15	322.45	318.84	317.43	314.86	313.21	311.23	307.13	305.00
G 10.0	347.05	338.32	332.00	327.10	323.43	320.07	315.83	313.60	312.12	309.15	306.72	304.33	299.92
G 11.0	344.18	334.98	326.82	323.72	320.08	318.21	314.87	312.30	310.29	307.18	303.96	299.24	295.67
G 12.0	339.33	330.69	324.11	319.55	318.76	315.92	311.34	308.85	307.01	303.17	300.37	294.03	287.67
G 13.0	335.79	326.05	319.16	316.88	314.75	312.48	309.16	305.95	302.16	298.66	292.71	285.66	279.39
G 14.0	333.53	322.82	315.17	313.25	310.03	308.11	305.13	301.82	296.47	293.18	285.22	277.06	265.89
G 15.0	329.18	319.71	313.33	308.95	305.67	302.03	300.03	296.94	292.12	284.87	276.60	263.40	250.34
G 16.0	326.01	317.27	311.45	306.10	300.70	296.37	295.58	292.59	287.02	275.89	261.48	243.84	229.10
G 17.0	321.79	315.38	309.06	302.36	297.89	292.83	290.92	285.92	277.16	260.24	242.77	220.98	203.85
G 18.0	318.92	310.11	304.15	299.18	294.67	289.53	286.05	276.31	261.95	240.74	217.97	197.18	177.66
G 19.0	314.06	306.71	301.03	294.50	291.36	286.48	278.44	262.85	241.37	218.57	193.28	171.60	150.80
G 20.0	311.94	304.88	298.11	292.83	288.68	280.91	266.52	245.18	219.43	193.83	168.70	146.05	125.21
G 21.0	310.41	302.49	293.99	289.91	284.53	271.41	251.36	222.84	195.80	168.91	143.48	119.45	99.42
G 22.0	308.69	300.28	292.32	286.60	278.78	259.48	233.05	200.13	169.44	142.31	115.92	94.37	77.24
G 23.0	308.13	299.44	290.17	283.15	271.06	245.12	212.65	176.87	143.96	115.38	90.44	73.24	61.98
G 24.0	306.43	296.49	287.17	278.83	261.02	227.96	191.99	153.82	118.08	91.33	70.80	59.52	53.26
G 25.0	304.10	295.59	284.98	273.60	248.88	209.98	170.69	130.01	94.32	71.60	58.58	52.94	49.80
G 26.0	300.03	292.30	281.76	265.45	234.46	190.58	148.75	106.06	75.39	60.36	52.71	50.24	48.53
G 27.0	298.41	288.12	277.87	256.41	217.01	170.59	126.97	86.09	62.00	53.23	49.91	48.45	46.18
G 28.0	294.86	284.76	271.98	243.69	199.16	148.97	104.60	70.34	55.34	51.17	48.41	46.01	43.84
G 29.0	291.17	280.81	265.97	228.51	182.44	128.67	85.25	60.14	51.34	48.78	46.54	43.65	42.51
G 30.0	289.55	276.96	258.66	213.15	162.88	109.43	69.95	54.03	49.73	47.03	44.85	41.93	40.84
G 31.0	286.18	272.93	249.46	198.51	144.69	92.22	60.20	50.85	47.80	45.56	43.10	40.99	39.72
G 32.0	282.53	267.72	238.41	183.70	127.27	77.04	54.22	49.32	46.07	43.88	41.82	39.37	37.93
G 33.0	278.37	261.57	224.49	167.46	108.33	67.45	51.97	47.82	44.95	42.39	40.66	38.21	35.53
G 34.0	274.23	256.60	211.20	149.38	91.83	60.10	50.40	46.60	43.54	41.11	39.31	37.11	34.33
G 35.0	273.27	250.37	198.29	130.76	77.42	55.05	49.28	45.62	41.72	39.62	37.71	36.10	32.90
G 36.0	269.05	242.10	185.20	114.00	66.86	52.10	47.86	44.21	40.98	38.15	36.42	34.99	31.70
G 37.0	263.23	231.15	169.65	98.81	61.19	50.31	46.75	43.15	39.66	37.09	35.10	33.46	30.88
G 38.0	256.89	217.29	154.74	84.92	56.56	49.24	45.33	43.11	38.10	36.09	34.02	31.80	29.83
G 39.0	250.39	204.15	138.17	74.15	53.64	48.46	44.83	42.15	36.72	35.05	32.97	30.89	29.12
G 40.0	243.82	190.08	121.19	67.18	51.91	47.46	43.83	40.94	35.86	33.23	31.34	29.31	27.77
G 41.0	237.59	176.50	105.76	62.24	50.65	46.47	42.83	39.60	34.81	32.24	29.93	28.11	26.89
G 42.0	229.97	164.22	91.30	57.50	50.16	45.49	41.16	37.83	34.28	30.96	28.30	27.03	25.63
G 43.0	221.94	151.51	79.29	54.33	48.83	43.76	39.42	37.15	33.35	30.36	27.45	25.84	24.77
G 44.0	214.79	139.31	70.63	51.62	47.88	42.56	38.09	35.39	32.36	29.66	26.38	25.46	23.75
G 45.0	206.58	125.84	64.62	50.40	46.40	41.76	37.50	34.27	31.25	28.32	25.81	24.44	22.31
G 46.0	195.82	112.52	60.53	49.39	45.42	40.77	37.20	33.26	30.10	27.44	25.69	24.22	21.29
G 47.0	185.13	99.33	57.29	47.24	43.92	39.71	36.00	32.22	29.20	26.78	24.81	23.37	21.10
G 48.0	173.24	87.82	55.16	46.60	42.91	38.46	35.05	31.50	28.19	25.62	24.17	22.09	20.74
G 49.0	163.19	78.23	52.65	45.76	42.04	37.55	33.69	30.42	27.65	25.17	23.08	21.60	20.17
G 50.0	151.87	71.18	50.51	44.63	40.55	36.52	33.02	29.91	26.40	24.15	22.17	20.73	19.34
G 51.0	137.87	66.08	49.58	44.09	39.48	35.42	32.00	29.17	25.49	23.14	21.14	20.03	18.03
G 52.0	123.97	62.11	48.34	43.09	38.29	34.36	31.10	28.56	24.50	22.54	20.17	18.69	17.52
G 53.0	109.48	59.18	47.22	41.82	37.78	34.16	30.32	27.58	23.18	21.38	19.18	18.28	16.81
G 54.0	97.95	56.63	46.59	40.26	37.01	33.70	29.43	25.70	22.22	20.08	18.36	17.08	16.29
G 55.0	88.25	55.45	44.84	39.91	35.70	32.83	28.77	24.76	21.15	19.03	17.86	16.28	15.52
G 56.0	82.62	54.75	44.54	39.00	34.59	31.87	27.45	23.76	20.29	17.70	16.87	15.59	14.43
G 57.0	77.95	52.74	43.18	38.39	33.76	31.35	26.30	23.22	19.71	17.28	15.62	14.48	13.55
G 58.0	76.25	50.93	42.12	37.26	33.27	30.38	24.65	22.06	18.91	16.26	14.49	13.61	12.75
G 59.0	74.23	49.62	40.78	35.97	32.81	29.12	23.51	20.83	17.93	15.59	13.93	13.00	12.15
G 60.0	72.41	47.25	39.02	34.93	31.74	28.30	22.90	19.51	17.37	14.92	13.35	12.53	11.69
G 61.0	71.23	45.04	36.77	34.28	31.09	26.41	21.80	18.61	16.65	14.22	12.85	12.12	11.47
G 62.0	69.67	42.62	34.90	32.52	29.59	24.99	21.02	17.42	15.78	13.87	12.58	11.63	10.85
G 63.0	68.31	40.14	33.72	31.17	27.92	23.81	19.94	16.71	14.85	13.51	12.35	11.12	10.19
G 64.0	65.57	38.10	32.12	29.94	26.32	22.66	19.21	16.55	14.37	12.65	11.76	10.50	9.75
G 65.0	61.93	36.23	30.93	28.89	25.70	21.91	18.86	16.40	13.75	12.53	11.12	10.05	9.31
G 66.0	57.42	34.74	29.52	27.25	24.54	21.43	18.43	15.94	13.44	12.17	10.82	9.74	8.76
G 67.0	51.41	33.06	28.41	25.81	23.78	21.37	17.80	15.75	13.40	11.92	10.56	9.37	8.94
G 68.0	45.89	31.25	26.75	25.06	23.48	21.11	17.84	16.18	13.35	11.61	10.44	9.42	8.75
G 69.0	41.16	28.95	26.02	24.53	22.82	20.87	18.39	15.67	13.17	10.73	9.73	8.77	7.99
G 70.0	35.81	27.20	25.29	23.17	22.04	20.73	17.81	15.45	12.55	10.10	9.40	8.08	7.41
G 71.0	32.49	25.47	23.54	22.35	21.40	20.28	17.19	14.84	11.83	9.57	8.48	7.25	6.70
G 72.0	28.85	23.07	22.26	20.28	20.43	19.30	16.84	14.34	10.96	8.53	7.56	6.42	6.16

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 5/18**

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	361.30	361.03	361.04	360.76	360.51	361.00	360.95	361.25	361.71	362.31	362.41	362.78	362.93
G 2.0	349.83	349.25	350.09	350.34	350.27	350.87	351.42	351.98	352.79	353.09	354.19	355.08	355.92
G 3.0	341.23	340.65	341.70	341.61	341.65	341.70	342.42	342.17	342.35	342.71	342.61	342.11	344.07
G 4.0	334.28	334.66	334.94	334.93	334.50	335.53	335.29	334.96	331.88	332.58	335.17	338.41	340.16
G 5.0	327.75	329.43	328.85	330.70	330.74	329.85	328.45	323.37	325.36	328.49	331.43	334.71	336.55
G 6.0	322.71	324.47	325.13	325.55	325.31	324.73	318.25	320.10	322.61	324.46	327.83	330.34	331.98
G 7.0	319.43	320.46	320.69	320.74	320.12	317.73	313.82	316.77	319.67	321.81	324.47	327.02	331.14
G 8.0	313.72	315.35	316.09	317.27	315.74	309.42	310.89	313.69	315.53	318.72	322.24	324.38	327.64
G 9.0	309.22	310.56	310.61	311.28	309.94	304.97	306.94	308.98	311.86	316.37	319.16	322.64	325.07
G 10.0	304.06	305.56	305.28	304.83	302.66	299.38	302.34	304.87	308.91	313.11	315.74	319.70	321.90
G 11.0	295.64	298.20	298.58	298.79	294.21	293.83	298.31	300.95	304.62	309.74	313.45	315.89	318.90
G 12.0	283.90	286.55	287.99	288.70	283.67	288.89	291.78	297.39	301.18	307.00	310.58	313.11	317.06
G 13.0	271.18	274.61	276.22	274.54	272.59	278.82	284.46	291.83	297.24	300.65	305.98	310.44	314.27
G 14.0	257.32	255.52	256.11	258.99	259.19	267.98	275.83	283.98	290.99	295.90	300.52	306.26	309.73
G 15.0	237.09	234.89	234.31	237.56	240.67	251.96	264.39	274.13	282.67	290.35	296.05	299.56	305.03
G 16.0	213.47	209.60	207.51	210.29	215.91	230.92	245.40	260.76	273.85	285.12	291.30	294.59	300.18
G 17.0	187.27	181.05	178.68	182.17	189.90	206.16	222.64	242.24	260.93	275.22	284.41	290.00	296.43
G 18.0	160.90	151.59	149.36	152.07	161.08	178.92	198.23	219.12	239.99	260.39	274.43	284.09	289.60
G 19.0	134.85	123.36	121.86	124.60	135.05	152.13	172.84	193.68	216.33	240.07	259.59	276.85	284.46
G 20.0	108.55	100.06	98.30	100.14	109.58	126.46	146.65	167.12	192.00	217.21	242.66	265.89	278.77
G 21.0	86.41	79.65	78.86	79.61	86.97	100.96	120.65	142.34	167.17	193.63	223.03	250.39	269.31
G 22.0	68.70	64.12	64.83	64.08	69.76	78.99	96.03	116.60	142.38	169.40	200.01	232.33	258.79
G 23.0	56.34	54.53	55.64	54.67	57.69	63.38	75.31	91.34	116.00	144.47	177.06	211.66	244.65
G 24.0	50.63	48.99	51.25	49.91	51.15	53.76	61.93	72.02	91.29	119.28	154.04	191.28	228.99
G 25.0	47.57	46.26	48.58	47.21	47.46	49.80	53.77	58.65	72.20	94.88	130.09	170.65	210.54
G 26.0	46.48	45.23	46.08	44.72	45.40	47.06	49.79	52.10	60.07	75.30	107.45	148.74	190.14
G 27.0	44.73	43.28	44.57	42.61	43.71	45.45	47.09	50.38	54.42	62.69	87.10	126.47	170.92
G 28.0	42.99	41.77	42.82	41.52	42.04	43.51	45.12	48.69	51.63	55.63	70.53	104.27	150.04
G 29.0	41.21	39.54	41.51	39.92	40.63	41.73	44.21	46.03	49.66	51.89	60.12	84.72	128.48
G 30.0	39.83	38.28	40.14	38.19	38.80	40.86	41.84	44.37	46.94	49.74	54.41	69.66	108.22
G 31.0	38.06	37.29	38.71	37.06	38.22	39.50	40.92	42.20	45.12	47.97	51.70	59.80	89.84
G 32.0	36.22	35.91	37.20	35.57	36.65	38.43	39.95	40.50	42.94	46.92	49.99	54.15	75.59
G 33.0	35.18	34.84	36.14	35.05	35.53	37.03	38.23	39.83	41.61	45.06	48.16	51.90	65.57
G 34.0	33.86	34.21	34.77	34.73	33.81	34.69	36.57	38.15	40.46	43.48	46.50	50.36	59.25
G 35.0	32.97	32.75	33.64	33.29	32.43	33.39	35.60	37.28	39.60	42.16	45.06	48.86	54.47
G 36.0	31.55	31.38	32.29	31.61	31.49	32.66	34.23	35.94	37.67	40.55	43.27	47.91	52.03
G 37.0	30.18	30.06	30.38	29.65	30.33	31.84	33.25	34.72	36.74	39.49	42.11	46.35	51.08
G 38.0	28.48	27.77	28.82	27.71	29.17	30.12	31.70	33.81	36.10	38.26	41.32	45.92	50.00
G 39.0	27.31	26.21	27.25	26.59	28.07	28.85	30.57	32.25	35.10	37.55	40.15	44.35	48.87
G 40.0	25.95	24.97	25.82	25.33	27.14	27.42	29.73	31.07	34.28	36.37	39.63	42.75	47.70
G 41.0	24.79	23.98	25.01	24.34	25.64	26.49	28.92	30.14	33.20	35.52	38.80	41.77	46.18
G 42.0	24.03	23.11	23.59	23.70	24.68	25.62	27.60	29.04	32.42	34.01	37.83	40.54	45.27
G 43.0	23.79	22.39	22.30	22.81	24.00	24.68	26.30	28.22	31.20	33.16	36.65	39.43	44.42
G 44.0	22.96	21.84	21.34	21.55	22.75	23.91	25.51	27.43	29.46	31.87	35.14	39.21	43.01
G 45.0	22.00	20.80	20.77	20.53	21.72	22.54	24.33	26.11	28.60	30.80	33.92	38.29	42.35
G 46.0	20.43	19.94	19.88	19.58	20.94	21.88	23.43	25.51	27.48	30.17	33.08	37.05	40.77
G 47.0	19.55	19.51	18.92	18.80	20.30	21.33	22.86	24.46	26.96	29.01	32.31	35.71	39.41
G 48.0	19.10	19.02	18.43	18.42	19.66	20.74	21.89	23.39	26.17	28.46	31.61	35.14	38.63
G 49.0	18.32	18.11	18.07	17.71	19.35	19.91	21.10	22.57	25.49	27.87	31.01	34.26	37.68
G 50.0	17.88	17.36	17.18	16.79	18.35	19.09	20.30	21.64	24.18	26.38	30.18	32.92	36.59
G 51.0	17.25	16.77	17.03	16.19	17.35	18.39	19.80	21.06	23.27	25.52	29.07	32.02	35.32
G 52.0	16.44	15.80	15.90	15.63	16.21	17.79	19.36	19.99	22.39	24.77	28.22	31.09	34.66
G 53.0	16.10	15.09	15.69	15.32	15.29	16.91	18.78	19.87	21.69	23.87	27.32	30.65	33.91
G 54.0	15.13	14.56	15.00	14.40	14.48	16.09	17.84	19.30	20.43	22.98	25.70	29.78	33.33
G 55.0	14.33	13.80	13.82	13.68	14.00	15.20	16.72	18.40	19.57	22.33	24.68	29.05	32.15
G 56.0	13.34	13.09	12.70	13.17	13.15	14.15	15.76	17.62	18.60	21.16	23.50	27.92	31.69
G 57.0	12.75	11.93	11.88	12.64	12.77	13.41	14.91	16.00	17.77	19.77	22.60	26.95	31.05
G 58.0	12.36	11.24	11.28	11.79	12.15	12.62	14.40	15.07	16.67	18.58	21.38	25.70	29.94
G 59.0	12.12	10.31	11.12	10.78	11.49	12.43	13.67	14.20	15.68	17.94	20.43	24.23	28.21
G 60.0	11.40	10.34	10.04	10.05	10.87	11.94	13.00	13.58	15.03	17.26	19.56	22.78	26.79
G 61.0	10.68	9.85	9.82	9.54	10.30	11.24	12.23	12.91	14.26	16.44	18.68	21.63	25.71
G 62.0	10.26	9.39	9.41	9.23	10.18	10.53	11.39	12.23	13.80	15.53	18.05	20.75	24.33
G 63.0	9.59	8.76	9.21	8.75	9.79	9.85	10.97	11.73	13.20	14.66	17.33	20.09	23.23
G 64.0	9.24	8.56	8.91	8.40	9.37	9.58	10.50	11.60	12.85	14.13	16.64	19.46	22.27
G 65.0	8.77	8.64	8.26	8.37	8.66	9.30	9.92	11.14	12.64	13.67	15.93	18.86	21.63
G 66.0	8.37	8.10	8.06	8.37	8.04	8.86	9.86	10.72	12.21	13.59	15.60	18.35	21.24
G 67.0	8.12	7.89	7.61	8.24	8.00	8.59	9.43	10.45	11.76	13.40	15.78	17.91	20.72
G 68.0	7.95	7.64	7.46	7.73	7.78	8.31	8.86	10.28	11.28	13.15	15.51	18.44	20.56
G 69.0	7.46	7.15	6.99	7.04	7.43	7.92	8.51	10.11	10.68	12.89	15.37	18.48	21.13
G 70.0	6.85	6.83	6.62	6.53	7.00	7.34	7.81	9.61	10.10	12.65	15.18	18.41	20.96
G 71.0	5.97	6.17	6.11	5.87	6.35	6.63	7.31	8.94	9.53	11.68	14.73	18.02	20.52
G 72.0	5.32	5.26	5.54	5.37	5.82	5.95	6.64	7.74	8.57	10.92	14.27	17.37	20.00

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 6/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	364.09	364.64	364.86	365.48	366.77	367.28	368.39
G 2.0	356.56	357.46	358.00	358.27	358.60	359.74	360.34
G 3.0	347.22	349.44	352.73	355.71	358.45	360.87	362.63
G 4.0	342.37	345.88	349.72	354.55	359.39	362.83	365.67
G 5.0	339.24	342.73	347.31	353.77	358.85	362.52	367.18
G 6.0	336.85	340.99	346.83	352.36	357.44	362.65	368.06
G 7.0	334.57	338.77	344.57	348.20	355.30	363.18	370.86
G 8.0	330.96	334.90	341.96	348.04	354.86	362.86	370.29
G 9.0	326.78	331.46	339.10	344.68	350.90	359.53	369.31
G 10.0	323.57	327.74	334.51	339.82	348.33	356.93	366.48
G 11.0	320.32	324.79	329.39	335.35	343.67	351.94	364.66
G 12.0	317.77	320.25	325.50	330.34	339.79	348.78	361.99
G 13.0	315.38	317.30	321.82	327.80	335.02	347.07	359.79
G 14.0	311.55	315.14	318.84	325.87	333.00	343.57	357.66
G 15.0	308.68	312.07	316.46	321.75	330.56	341.17	355.35
G 16.0	304.57	308.98	313.59	319.20	325.97	336.64	352.43
G 17.0	300.39	305.55	309.10	314.87	322.47	332.67	350.13
G 18.0	296.48	301.95	305.99	310.41	319.36	331.11	348.24
G 19.0	290.76	296.35	302.13	307.47	313.44	327.41	346.33
G 20.0	285.90	292.94	299.07	302.89	310.86	325.09	345.20
G 21.0	281.49	289.29	296.26	299.93	308.60	321.97	343.70
G 22.0	277.90	287.81	292.12	297.19	305.34	321.13	342.19
G 23.0	272.48	283.96	290.10	293.70	304.44	319.92	341.54
G 24.0	263.83	280.54	286.71	292.12	301.60	316.37	340.76
G 25.0	250.25	273.75	282.68	290.35	300.49	314.93	336.07
G 26.0	235.02	263.94	278.67	288.15	298.25	312.23	333.00
G 27.0	217.50	254.71	275.29	285.87	295.60	309.31	332.91
G 28.0	200.10	242.59	271.66	282.53	292.06	307.77	331.32
G 29.0	182.05	230.83	267.22	279.28	290.74	306.03	331.02
G 30.0	162.67	216.48	261.12	276.42	289.09	305.11	331.34
G 31.0	144.02	201.68	250.99	272.74	286.26	302.13	332.26
G 32.0	124.95	185.09	239.50	267.75	283.03	300.40	332.46
G 33.0	107.47	167.03	227.20	261.95	280.70	298.11	331.67
G 34.0	90.51	148.88	212.99	255.57	278.05	296.40	329.58
G 35.0	77.52	130.81	200.13	251.04	273.67	294.50	328.78
G 36.0	67.43	112.91	185.61	241.44	268.86	290.14	325.74
G 37.0	60.65	97.65	171.03	231.58	262.76	285.47	319.95
G 38.0	56.58	85.28	154.79	219.38	256.40	280.19	316.44
G 39.0	53.60	75.58	137.93	203.76	249.00	275.34	311.70
G 40.0	51.61	68.00	120.83	190.04	242.01	271.63	305.49
G 41.0	50.05	62.91	105.51	176.08	236.09	265.33	302.18
G 42.0	48.68	58.16	91.05	164.04	229.34	260.85	298.33
G 43.0	48.04	55.03	80.66	152.98	222.52	255.13	296.31
G 44.0	47.45	52.67	72.15	140.32	215.29	252.92	295.24
G 45.0	46.53	51.02	65.55	126.59	205.25	249.76	291.86
G 46.0	45.43	49.75	60.53	113.18	195.40	244.66	291.07
G 47.0	44.23	48.34	57.04	99.02	184.95	241.95	290.57
G 48.0	43.50	46.97	53.39	87.94	174.06	239.17	293.01
G 49.0	42.24	46.38	51.38	77.35	162.53	236.84	294.05
G 50.0	40.72	45.01	49.46	71.24	151.21	232.58	295.88
G 51.0	39.50	44.24	48.09	66.12	137.46	226.25	297.13
G 52.0	38.70	43.60	47.73	62.66	123.41	215.50	293.60
G 53.0	38.23	42.30	47.18	59.96	108.95	201.11	285.76
G 54.0	37.51	41.34	46.74	57.24	96.90	187.63	276.53
G 55.0	36.52	39.75	45.34	56.09	87.72	175.71	269.84
G 56.0	35.26	38.48	43.85	54.35	82.09	167.91	268.24
G 57.0	34.35	37.27	42.48	53.52	77.23	161.34	272.67
G 58.0	33.47	36.92	41.43	51.89	75.20	155.17	275.72
G 59.0	32.23	36.15	39.75	49.51	73.28	149.10	275.73
G 60.0	31.63	34.81	38.36	47.66	71.21	142.53	276.36
G 61.0	30.66	33.57	36.34	45.02	70.11	137.02	274.18
G 62.0	29.47	32.14	34.93	42.65	68.34	131.79	270.79
G 63.0	27.85	30.77	33.21	40.59	66.79	126.86	265.54
G 64.0	26.55	29.84	32.30	38.61	64.09	121.36	258.20
G 65.0	25.78	28.64	30.97	36.74	60.98	115.75	250.37
G 66.0	24.80	27.85	30.39	34.99	56.34	111.16	238.08
G 67.0	24.01	27.13	29.27	32.55	51.41	105.90	223.87
G 68.0	23.25	26.37	28.26	30.96	45.86	99.71	204.40
G 69.0	22.61	25.55	26.90	29.26	40.85	93.05	182.63
G 70.0	22.04	24.21	25.35	27.67	36.76	83.31	158.61
G 71.0	21.05	22.84	23.74	25.61	33.32	71.07	132.04
G 72.0	20.15	21.38	22.18	23.74	29.44	56.68	104.96

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 7/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 73.0	164.44	273.64	313.26	284.02	235.17	152.49	79.06	41.55	30.86	25.58	22.76	20.28	18.74
G 74.0	118.34	206.23	245.67	226.89	189.81	121.22	62.10	34.95	27.17	22.91	20.95	18.66	17.60
G 75.0	81.73	147.97	179.87	169.52	146.95	93.88	48.81	29.48	23.68	20.70	19.28	17.16	16.02
G 76.0	56.49	101.58	125.64	121.32	108.15	71.23	39.73	24.94	20.98	18.34	17.33	15.85	14.73
G 77.0	39.96	68.53	85.11	83.91	77.02	52.14	32.18	20.94	18.33	16.67	15.48	14.42	13.65
G 78.0	29.96	47.14	58.33	57.61	53.56	37.00	24.94	17.95	16.30	15.12	13.92	12.84	12.21
G 79.0	23.15	34.29	42.39	40.34	38.04	26.71	19.87	15.27	14.13	13.17	12.39	11.19	11.11
G 80.0	17.82	26.71	31.79	29.25	26.85	19.70	15.44	12.85	12.10	11.54	10.75	9.62	9.62
G 81.0	13.11	20.28	24.32	21.93	20.02	15.27	11.96	10.36	10.08	9.48	9.17	8.03	8.30
G 82.0	8.95	14.98	18.20	15.99	14.86	11.69	9.00	8.30	8.48	7.60	7.51	6.78	6.98
G 83.0	5.74	10.36	12.83	11.45	10.42	8.33	6.60	6.26	6.73	5.85	6.08	5.49	5.75
G 84.0	3.28	6.45	8.35	7.95	7.07	5.64	4.60	4.52	4.90	4.43	4.77	4.41	4.50
G 85.0	1.58	3.63	4.71	4.49	4.09	3.45	3.07	3.16	3.23	3.24	3.36	3.29	3.46
G 86.0	0.71	1.77	2.38	2.17	2.05	1.77	1.70	1.81	1.90	2.09	2.12	2.23	2.33
G 87.0	0.18	0.78	0.97	0.77	0.83	0.80	0.80	0.86	0.94	0.99	1.14	1.18	1.31
G 88.0	0.05	0.20	0.25	0.14	0.22	0.24	0.28	0.28	0.39	0.38	0.44	0.45	0.63
G 89.0	0.01	0.04	0.07	0.03	0.04	0.05	0.06	0.09	0.11	0.07	0.13	0.11	0.19
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 8/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 73.0	17.15	16.90	15.63	15.20	14.33	13.68	14.20	15.00	16.02	17.02	18.10	19.30	20.35
G 74.0	15.91	15.86	14.81	14.24	13.23	13.14	13.20	14.19	14.90	15.97	16.54	17.36	18.78
G 75.0	14.96	14.95	13.55	13.13	12.16	12.14	12.26	13.14	13.71	14.46	15.18	16.10	17.35
G 76.0	14.03	13.60	12.51	12.18	10.88	11.51	11.14	11.93	12.56	12.87	13.84	14.88	15.95
G 77.0	13.01	12.34	11.49	11.05	9.64	10.69	10.13	11.04	11.09	11.67	12.56	13.59	14.58
G 78.0	11.70	11.06	10.01	9.97	8.80	9.39	8.69	10.03	10.15	10.80	11.07	12.17	12.77
G 79.0	10.21	10.03	8.96	8.72	8.21	8.55	7.48	8.95	8.94	9.68	9.89	10.55	11.30
G 80.0	8.76	8.97	7.88	7.80	7.24	7.76	6.75	7.95	7.88	8.62	8.53	9.28	9.72
G 81.0	7.45	7.75	6.97	6.70	6.46	6.66	6.35	7.01	7.22	7.38	7.64	8.05	8.22
G 82.0	6.46	6.56	6.18	5.79	5.66	5.87	5.67	5.88	6.37	6.24	6.63	6.68	6.98
G 83.0	5.57	5.63	5.21	4.89	4.91	5.14	5.07	4.80	5.56	5.36	5.48	5.46	6.09
G 84.0	4.59	4.57	4.14	4.09	4.30	4.34	4.09	4.09	4.52	4.56	4.38	4.63	4.92
G 85.0	3.53	3.53	3.43	3.32	3.52	3.70	3.40	3.37	3.57	3.56	3.51	3.68	3.72
G 86.0	2.44	2.52	2.47	2.61	2.49	3.01	2.67	2.68	2.58	2.77	2.64	2.55	2.33
G 87.0	1.31	1.58	1.54	1.69	1.72	2.12	1.81	1.80	1.46	1.75	1.62	1.43	1.20
G 88.0	0.57	0.77	0.82	0.93	0.87	1.23	0.97	0.92	0.72	0.79	0.76	0.62	0.49
G 89.0	0.17	0.27	0.24	0.32	0.21	0.54	0.38	0.30	0.20	0.28	0.17	0.22	0.12
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 9/18**

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 73.0	23.10	25.55	29.79	41.12	78.31	152.24	236.24	284.22	312.93	270.23	165.29	80.27	43.58
G 74.0	21.38	23.87	26.65	33.99	61.92	120.40	191.69	225.91	245.85	204.86	119.57	60.45	33.22
G 75.0	19.11	21.11	23.58	28.69	49.25	93.43	146.92	168.39	181.25	146.81	82.65	46.78	25.69
G 76.0	17.14	19.06	20.70	24.50	38.92	70.47	109.13	119.53	125.03	100.69	57.08	36.77	20.30
G 77.0	15.62	17.05	17.90	20.59	30.64	51.78	77.63	83.44	85.70	68.67	40.24	29.17	16.20
G 78.0	13.83	14.60	15.51	17.96	23.62	37.44	53.99	57.44	57.97	47.47	29.41	23.30	12.76
G 79.0	12.20	12.96	12.96	14.97	18.76	27.68	37.68	40.34	42.04	35.14	22.58	17.93	9.90
G 80.0	10.56	10.84	11.03	12.52	14.78	20.38	26.74	29.59	30.73	26.81	18.14	13.39	7.32
G 81.0	8.83	9.06	9.42	10.18	11.61	15.68	19.37	22.44	22.99	20.76	13.61	8.87	5.02
G 82.0	7.60	7.38	7.74	7.92	9.23	11.62	14.60	16.58	17.13	15.58	9.37	5.40	3.29
G 83.0	5.94	5.89	6.20	6.29	7.09	8.28	10.55	11.96	12.16	10.62	5.92	3.34	1.96
G 84.0	4.50	4.68	4.73	4.56	5.13	5.63	7.11	7.60	7.93	6.77	3.26	1.90	1.11
G 85.0	3.37	3.30	3.23	3.03	3.30	3.48	4.19	4.54	4.48	3.71	1.63	0.98	0.54
G 86.0	2.19	1.98	1.98	1.88	1.83	1.87	2.13	2.26	2.24	1.69	0.73	0.39	0.24
G 87.0	1.15	0.97	0.99	0.89	0.90	0.89	0.78	0.99	0.90	0.62	0.22	0.14	0.10
G 88.0	0.51	0.37	0.37	0.35	0.35	0.33	0.23	0.26	0.23	0.17	0.07	0.04	0.05
G 89.0	0.12	0.11	0.06	0.11	0.10	0.07	0.04	0.03	0.04	0.03	0.01	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 10/18**

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 73.0	25.23	21.15	20.25	18.67	19.11	18.41	16.63	13.11	9.96	7.34	6.48	5.63	5.50
G 74.0	22.39	18.39	18.30	17.13	17.21	16.90	15.27	11.44	8.61	6.05	5.41	4.50	4.43
G 75.0	19.31	15.96	16.10	14.70	14.90	14.49	13.27	9.52	6.98	4.76	4.33	3.72	3.46
G 76.0	15.74	13.36	13.77	12.72	12.17	11.95	10.71	7.55	5.29	3.84	3.26	2.71	2.52
G 77.0	12.79	10.85	11.07	10.19	9.60	9.17	7.64	5.61	3.82	2.91	2.42	2.08	1.90
G 78.0	9.80	8.51	8.50	7.62	7.06	6.36	5.31	3.65	2.58	1.91	1.54	1.35	1.43
G 79.0	7.53	6.53	6.38	5.29	4.70	4.04	3.37	2.14	1.61	1.13	1.02	0.81	0.89
G 80.0	5.61	4.48	4.41	3.45	2.86	2.17	1.80	1.10	0.84	0.54	0.57	0.33	0.42
G 81.0	3.92	2.96	2.68	2.03	1.47	1.07	0.80	0.58	0.39	0.30	0.26	0.15	0.16
G 82.0	2.43	1.70	1.45	1.02	0.63	0.43	0.35	0.24	0.13	0.05	0.12	0.04	0.06
G 83.0	1.32	0.84	0.64	0.37	0.25	0.14	0.13	0.07	0.03	0.02	0.05	0.02	0.03
G 84.0	0.63	0.35	0.31	0.14	0.10	0.05	0.06	0.04	0.03	0.03	0.01	0.01	0.03
G 85.0	0.30	0.15	0.12	0.06	0.06	0.02	0.03	0.02	0.02	0.01	0.01	0.01	0.02
G 86.0	0.11	0.07	0.05	0.04	0.05	0.01	0.02	0.02	0.01	0.02	0.02	0.01	0.02
G 87.0	0.03	0.04	0.02	0.02	0.05	0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.02
G 88.0	0.01	0.03	0.01	0.01	0.04	0.01	0.00	0.01	0.00	0.03	0.01	0.01	0.02
G 89.0	0.01	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm Tabella 11/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 73.0	4.30	4.54	4.70	4.60	4.89	5.26	5.59	6.68	7.63	9.56	13.22	16.71	18.04
G 74.0	3.53	3.64	3.88	3.71	3.91	4.40	4.45	5.71	6.42	8.41	11.55	14.99	16.47
G 75.0	2.83	2.77	2.97	2.84	3.08	3.61	3.54	4.58	5.18	7.01	9.80	12.91	14.27
G 76.0	2.19	2.14	2.30	2.20	2.42	2.73	2.63	3.32	3.80	5.60	7.45	10.44	11.65
G 77.0	1.65	1.64	1.61	1.73	1.83	1.97	1.77	2.18	2.74	3.96	5.41	7.79	8.97
G 78.0	1.14	1.26	1.22	1.23	1.25	1.25	1.32	1.41	1.82	2.70	3.54	5.35	6.25
G 79.0	0.70	0.83	0.73	0.84	0.78	0.79	0.78	0.84	1.14	1.60	2.10	3.27	3.96
G 80.0	0.37	0.38	0.37	0.37	0.34	0.34	0.43	0.46	0.62	0.93	1.17	1.79	2.29
G 81.0	0.16	0.16	0.14	0.13	0.13	0.12	0.14	0.20	0.27	0.42	0.49	0.84	0.98
G 82.0	0.06	0.06	0.02	0.07	0.05	0.05	0.04	0.10	0.12	0.20	0.22	0.28	0.36
G 83.0	0.03	0.03	0.01	0.03	0.03	0.02	0.04	0.07	0.06	0.07	0.09	0.09	0.13
G 84.0	0.02	0.04	0.02	0.03	0.01	0.01	0.03	0.04	0.03	0.02	0.04	0.04	0.04
G 85.0	0.01	0.04	0.02	0.03	0.01	0.02	0.02	0.02	0.01	0.02	0.02	0.04	0.03
G 86.0	0.01	0.03	0.03	0.02	0.00	0.02	0.02	0.02	0.01	0.02	0.01	0.03	0.02
G 87.0	0.01	0.03	0.03	0.01	0.01	0.02	0.03	0.01	0.02	0.02	0.02	0.01	0.02
G 88.0	0.01	0.01	0.02	0.01	0.01	0.02	0.03	0.01	0.01	0.02	0.01	0.01	0.01
G 89.0	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.00	0.01	0.01	0.01	0.01	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 12/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 73.0	18.80	19.62	20.54	21.84	26.10	43.79	80.71
G 74.0	17.54	17.30	18.58	19.72	22.74	33.74	60.91
G 75.0	15.43	15.31	15.64	17.00	19.02	26.38	47.53
G 76.0	12.50	12.81	13.43	14.04	15.60	20.21	37.09
G 77.0	9.58	10.20	10.78	11.49	12.28	16.07	29.65
G 78.0	6.97	7.82	8.42	9.07	9.60	12.34	23.25
G 79.0	4.72	5.51	6.36	6.73	7.46	9.62	17.82
G 80.0	3.00	3.55	4.17	4.83	5.50	6.90	13.24
G 81.0	1.63	1.99	2.56	3.03	3.72	4.68	8.90
G 82.0	0.78	0.97	1.30	1.74	2.28	3.08	5.46
G 83.0	0.29	0.41	0.60	0.89	1.35	1.80	3.23
G 84.0	0.12	0.17	0.28	0.44	0.67	0.97	1.75
G 85.0	0.08	0.05	0.18	0.17	0.36	0.51	0.95
G 86.0	0.07	0.04	0.08	0.05	0.14	0.24	0.39
G 87.0	0.05	0.03	0.06	0.02	0.07	0.11	0.11
G 88.0	0.02	0.02	0.04	0.01	0.04	0.02	0.03
G 89.0	0.01	0.01	0.02	0.01	0.02	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm Tabella 13/18

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 14/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm Tabella 15/18

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm Tabella 16/18

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 17/18**

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	ITALO 1 0F3 STE-S 4.5-2M	Codice	L-IT1-0F3-4000-525-2M
Nome	ITALO 1 0F3 STE-S 4.5-2M	Nome	ITALO 1 0F3 STE-S 4.5-2M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	4440.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 18/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Rapporto di rilievo
Test Report

Costruttore *(Manufacturer)*	AEC ILLUMINAZIONE SRL Via Righi, 4 Castelnuovo di Subbiano (AR)
Tipo di prodotto *(Product type)*	Apparecchio di illuminazione per esterni *(Outdoor lighting fixture)*
Codice fotometria *(Photometry code)*	ITALO 1 0F3 STE-S 4.5-4M
Rilievo fotometrico *(Photometric measurement)*	ITALO 1 0F3 STE-S 4.5-4M
Descrizione apparecchio *(Fitting description)*	ITALO 1 0F3 STE-S 4.5-4M
Data delle prove *(Date of test)*	01-04-2014

Responsabile laboratorio fotometrico *(Photometric Laboratory manager)*	Luca Vagheggi	
Tecnico laboratorio che ha eseguito la misura *(Laboratory operator)*	Alessio Vagheggi	

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

Documentazione e Allegati
(Documentation and Annex)

Rapporto di Rilievo *(Test Report)*	**Descrizione generale** *(General description)*	
	Responsabile laboratorio fotometrico *(Photometric Laboratory Manager)*	
	Oggetto delle prove *(Object of the tests)*	
	Dati apparecchio *(Luminaire data)*	
	Normative di riferimento *(Reference standards)*	
	Condizioni di prova e strumentazione di misura *(Test conditions and measurement instruments)*	
	Dati rilievo *(Test data)*	
	Incertezza strumentale *(Instrumental accuracy)*	
Allegati *(Annex)*	**Matrice delle Intensità (cd/Klm)** *(Intensity table)*	√
	Diagramma Polare *(Polar diagram)*	√
	Diagramma Cartesiano *(Cartesian diagram)*	
	Classificazione Energetica *(Energy saving classification)*	
	Isolux *(Isolux diagram)*	
	Isocandela *(Isocandle diagram)*	
	Classificazione Strade *(Street classification)*	
	Classificazione Strade IES TM-15 *(IES TM-15 street classification)*	
	File Fotometrico Eulumdat *(Eulumdat photometric file)*	
	File Fotometrico IES *(IES photometric file)*	

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

OGGETTO DELLE PROVE

(Object of tests)

Costruttore *(Manufacturer)*	AEC ILLUMINAZIONE SRL
Tipo di prodotto *(Product type)*	Apparecchio di illuminazione per esterni *(Outdoor lighting fixture)*
Codice fotometria *(Photometry code)*	ITALO 1 0F3 STE-S 4.5-4M
Rilievo fotometrico *(Photometric measurement)*	ITALO 1 0F3 STE-S 4.5-4M
Descrizione apparecchio *(Fitting description)*	ITALO 1 0F3 STE-S 4.5-4M
Data delle prove *(Date of test)*	01-04-2014
Numero di esemplari provati *(Number of test samples)*	1
Numero rilievi *(Number of measurements)*	1

DATI APPARECCHIO

(Fitting data)

Geometria apparecchio *(Fitting shape)*	Rettangolare *(Rectangular)*
Dimensioni apparecchio *(Fitting dimensions)*	615x343x106 mm
Dimensioni area luminosa *(Luminous area dimensions)*	120x220 mm
Tipo sorgente *(Type of source)*	12 LED 4000K CRI70min.
Efficienza nominale sorgente *(Rated source efficiency)*	140lm/W@525mA Tj=85°C
Flusso e potenza apparecchio *(Luminaire luminous flux and input power)*	8770lm_78W
Efficienza sistema *(System efficiency)*	112.4 lm/W

NORMATIVE DI RIFERIMENTO

(Reference standards)

Normative di riferimento *(Reference standards)*	UNI EN 13032-1:2012 "Misurazione e presentazione dei dati fotometrici di lampade e apparecchi di illuminazione" Parte1: Misurazione e formato di file. *UNI EN 13032-1:2012 "Measurement and presentation of photometric data of lamps and luminaires" Part1: Measurement and file format.* UNI 11356:2010 "Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED"
Valutazione luce parassita *(Light inside evaluation)*	In accordo con Annex A UNI EN 13032-1 *(According to Annex A UNI EN 13032-1)*

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

CONDIZIONI DI PROVA E STRUMENTAZIONI DI MISURA

(Test conditions and measuring instruments)

Laboratorio fotometrico *(Photometric laboratory)*	Interno AEC ILLUMINAZIONE srl, in regime di sistema di qualità aziendale certificato ISO 9001:2008, certificato UL *(Internal AEC ILLUMINAZIONE srl, under ISO 9001:2008 quality system and UL certified)*			
Condizioni ambientali *(Environmental conditions)*	Temperatura ambiente 25°+/-1° C *(Ambient temperature)*			
	Umidità relativa 50+/-5% *(Relative humidity)*			
	Movimento aria nell'area di prova <0.2m/s *(Air flow in the test area)*			
Condizioni geometriche di misura *(Geometrical test conditions)*	In conformità alla UNI EN 13032-1:2012, alla UNI 11356:2010 e alle specifiche tecniche dello strumento di misura ed alle specifiche tecniche dell'apparecchio in prova. *(According to UNI EN 13032-1:2012,UNI 11356:2010 and technical specification of measuring instrument and technical specification of fixture under test.)*			
Goniofotometro *(Goniophotometer)*	A rotazione dell'apparecchio secondo EN 13032 e raccomandazione CIE 121 *Rotational according to EN 13032 and CIE 121 raccomandation*			
	☐ LAB 1	PRC KROCHMAN 702		
	☑ LAB 2	Oxytech T2		
	Distanza di misura *(Measuring distance)*	☑ 9.03m	☐ 14m	☐ 17m
Wattmetro *(Power meter)*	☐ Stabilizzatore/Analizzatore AGILENT 6812B *(AC source stabilizer/analyzer AGILENT 6812B)* ☑ Wattmetro Kinetiq N4L PPA2510 *(Kinetiq N4L PPA2510 Power Analyzer)*			
Luxmetro *(Luxmeter)*	☑ C&G			
Alimentazione campione in prova *(Power supply of tested sample)*	☐ Stabilizzatore/Analizzatore AGILENT 6812B *(AC source stabilizer/analyzer AGILENT 6812B)* ☑ Stabilizzatore ELETTROTEST TPS/M 6000 *(Stabilizer ELETTROTEST TPS/M)*			
	Tensione di alimentazione 230V+/-0.2% *(AC power supply voltage)*			
	Frequenza di alimentazione 50Hz+/-0.1% (AC power supply frequency)			
	Distorsione armonica <0.5% *(Harmonic distortion)*			

I risultati delle verifiche e prove qui riportati, si riferiscono esclusivamente agli esemplari esaminati e descritti nella presente Relazione. L'estensione del riferimento ad esemplari che non siano quelli sottoposti alle verifiche descritte in seguito esula dallo scopo delle verifiche stesse. E' vietata la riproduzione integrale o parziale senza l'autorizzazione scritta di Aec illuminazione srl. L'immagine dell'apparecchio nella prima pagina è puramente indicativa della tipologia di apparecchio sottoposto a test.

(Result of tests and verification here reported are solely recere to the samples under test and described in this report. Scope of tests described in this report cannot be extended to other samples different to those referred. Partial or integral reproduction or copy of this report is forbidden without written authorization by AEC Illuminazione srl.) The image of the luminaire on the first page is merely indicative of the kind of luminaire under test.

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

DATI RILIEVO

(Measurement data)

Posizione di Misura *(Measurement position)*	Verticale *(Vertical)*
Tipo di rilievo *(Measurement type)*	C-Gamma
Tempo di stabilizzazione *(Time of stabilization)*	60 minuti *(60 minutes)*
Stabilizzazione flusso *(Flux stabilization)*	In accordo alla UNI 11356:2010 e EN 13032-1:2012, stabilità raggiunta con variazioni di flusso <1% *According to UNI 11356:2010 and EN 13032-1:2012, less than 1% of luminous flux variation*
Stabilizzazione Potenza *(Power stabilization)*	In accordo alla UNI 11356:2010 e EN 13032-1:2012, stabilità raggiunta con variazioni di flusso <1% *According to UNI 11356:2010 and EN 13032-1:2012,less than 1% of input power variation*

INCERTEZZA STRUMENTALE

(Instrumental accuracy)

Encoder goniofotometro Oxytech T2 *(Goniophotometer Oxytech T2 encoder)*	Precisione angolare in C – gamma *(C-gamma angular precision)*	± 0.044°
Luxmetro C&G *(C&G luxmeter)*	f1'	< 1,23%
Wattmetro Kinetiq N4L PPA2510 *(Kinetiq N4L PPA2510 power analyzer)*	Accuratezza di potenza *(Power accuracy)*	< [0.05% + 0.03%/pf +(0.01%/kHz)/pf] Rdg + 0.05%VA Rng

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm
Valore Massimo	651.37 cd/klm	Posizione	C=150.00 G=56.00	Asimmetrico	

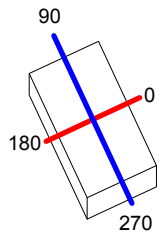
Apparecchio Rettangolare	Lung. 615 mm	Larg. 343 mm	Alt. 106 mm		
Area Luminosa Rettangolare	Lung. 120 mm	Larg. 220 mm	Alt. 0 mm		
Area Luminosa Orizzontale	0.026400 m2	Area Luminosa Piano 180°	0.000000 m2		
Area Luminosa Piano 0°	0.000000 m2	Area Luminosa Piano 270°	0.000000 m2		
Area Luminosa Piano 90°	0.000000 m2	Area Luminosa a 76°	0.006387 m2		
Tipo di Simmetria	Asimmetrico	Massimo Angolo Gamma	180		
Distanza di rilievo	0.00	Flusso di rilievo	8770.00 lm		
Operatore	Alessio Vagheggi	Tensione alimentazione			
Temperatura	25.00 °C	Corrente di alimentazione			
Umidità		Fotocellula			
Note					

Lampade Apparecchio

Archivio	Codice	Nome	Flusso [lm]	Pot. [W]	Q.tà
Eulumdat	L-IT1-0F3-4000-525-4M	L-IT1-0F3-4000-525-4M - 78.00 W	8770.00	78.00	1

C.I.E.	47 82 98 100 100	D DIN 5040	A30
F UTE	1.00 F	B NBN	BZ 5 / 0.8 / BZ 4

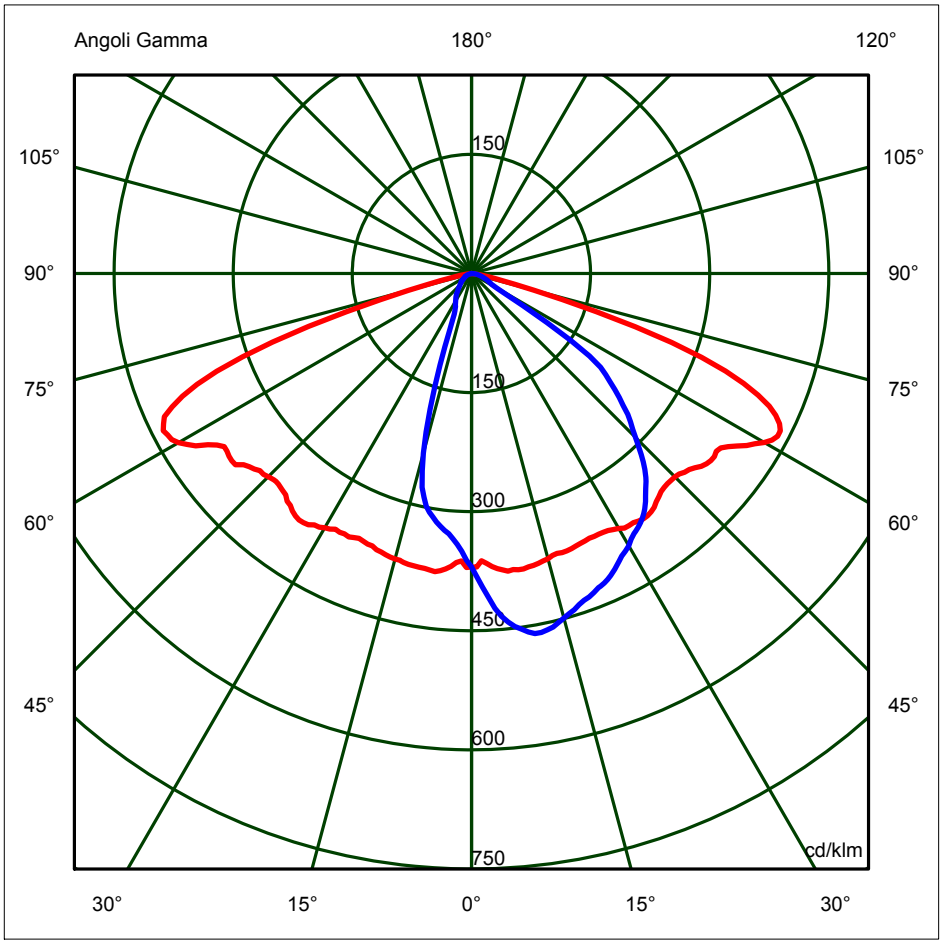
615mm x 343mm



Semipiani C

180.0 — 0.0

270.0 — 90.0



ULOR	0.00 %
DLOR	100.00 %
RN	0.00 %

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 1/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	369.58	370.42	371.10	372.24	373.09	374.09	374.66	375.97	376.66	377.59	378.31	378.90	379.66
G 2.0	361.95	364.65	366.34	369.36	372.50	375.43	378.43	380.57	382.75	384.69	386.75	388.25	389.87
G 3.0	365.59	368.04	370.08	373.25	375.52	377.68	379.69	381.56	382.65	384.27	389.72	395.27	399.63
G 4.0	369.83	372.33	375.64	378.79	382.89	386.15	388.60	391.36	394.21	397.02	399.95	401.67	405.09
G 5.0	373.00	376.98	382.24	386.49	389.92	393.76	397.95	401.00	404.33	406.80	409.70	412.12	413.58
G 6.0	375.35	380.35	385.86	390.57	395.77	401.18	405.47	409.75	412.38	415.93	417.37	419.79	420.90
G 7.0	377.71	383.89	390.42	397.09	402.21	409.06	414.29	420.14	423.91	426.00	426.50	425.71	426.17
G 8.0	376.49	386.44	393.33	401.90	409.01	417.01	423.11	429.33	432.88	434.29	434.92	433.84	433.88
G 9.0	377.76	388.54	397.88	407.41	416.62	426.02	431.47	437.57	442.31	443.03	443.23	443.16	440.94
G 10.0	377.75	389.08	401.06	410.65	421.84	429.53	437.86	443.84	449.21	450.60	450.38	448.06	445.41
G 11.0	376.24	389.08	402.75	413.85	425.22	434.71	442.55	448.09	452.89	454.06	455.98	454.28	450.00
G 12.0	375.84	389.09	405.10	418.66	429.27	438.01	446.62	450.45	454.37	457.56	457.21	454.54	452.09
G 13.0	374.56	389.98	405.76	422.56	432.74	442.93	448.43	454.08	457.79	458.14	458.57	454.49	452.27
G 14.0	373.04	389.61	407.56	425.21	437.32	447.33	450.13	455.29	456.62	459.62	458.11	456.09	451.69
G 15.0	371.91	389.45	407.11	425.38	439.70	447.77	453.28	456.02	456.26	459.56	457.69	454.12	450.40
G 16.0	369.30	389.61	408.47	427.08	440.07	448.28	453.83	455.64	456.41	457.59	457.47	454.36	449.89
G 17.0	368.46	391.26	410.02	427.24	441.78	449.30	453.97	453.44	455.41	453.66	453.75	451.10	447.36
G 18.0	369.44	392.22	410.91	429.50	443.42	449.46	451.60	452.67	453.53	452.94	452.12	449.10	445.93
G 19.0	369.28	392.82	412.34	430.95	443.08	448.52	451.47	450.65	452.55	451.76	448.99	447.37	441.22
G 20.0	368.63	392.42	413.09	431.59	444.24	449.06	449.85	449.07	450.62	449.93	447.98	444.86	439.30
G 21.0	367.43	392.94	414.76	433.18	442.98	447.30	446.93	447.36	448.18	445.16	444.54	441.70	437.69
G 22.0	366.49	391.87	416.23	432.88	442.55	447.07	447.86	445.43	445.81	444.12	440.24	437.83	433.24
G 23.0	365.87	391.79	417.59	433.34	444.97	444.66	444.70	443.26	442.19	439.26	437.90	434.39	432.02
G 24.0	364.92	392.90	418.11	435.43	444.74	447.09	443.47	439.98	437.65	436.81	435.17	431.66	431.18
G 25.0	365.40	393.76	420.78	437.32	443.48	445.50	442.74	434.88	432.46	434.20	432.48	428.06	427.00
G 26.0	365.23	396.22	423.96	438.47	440.98	442.83	438.29	429.60	427.80	429.66	431.01	424.60	425.15
G 27.0	365.68	399.04	425.36	440.33	440.84	440.49	433.45	425.97	424.42	425.06	425.86	420.24	420.07
G 28.0	366.46	399.34	427.91	441.24	441.74	436.37	429.85	422.77	420.22	421.10	421.32	416.75	416.64
G 29.0	368.57	403.89	429.84	444.05	442.14	435.38	426.80	417.69	417.09	418.27	419.28	414.39	413.48
G 30.0	370.73	406.96	433.46	445.27	442.03	432.10	423.96	416.46	412.82	415.80	415.38	411.67	410.57
G 31.0	373.98	410.77	437.01	447.38	440.28	429.51	423.29	411.65	409.72	411.80	412.72	410.28	408.18
G 32.0	374.32	414.06	440.64	447.04	441.07	425.77	420.20	409.31	406.69	407.70	409.62	405.85	403.38
G 33.0	374.13	418.40	444.60	447.94	442.81	422.86	415.28	405.65	404.55	404.64	405.79	401.80	398.73
G 34.0	375.92	423.03	448.52	448.28	441.83	420.71	410.80	401.63	402.86	399.38	402.34	396.07	396.32
G 35.0	377.25	425.85	449.52	445.98	437.64	416.51	406.11	399.26	399.06	398.76	398.35	393.59	393.07
G 36.0	377.09	427.56	451.34	446.38	433.31	411.60	399.81	395.38	396.14	396.83	395.31	389.75	389.42
G 37.0	375.76	425.80	452.25	448.11	430.28	410.09	396.79	394.58	393.92	393.83	391.14	384.94	385.65
G 38.0	373.50	424.71	451.07	447.97	428.98	406.73	393.32	391.59	392.73	391.15	387.30	382.20	379.99
G 39.0	369.76	422.00	449.76	449.86	428.09	405.56	394.25	391.28	391.65	389.74	384.08	377.03	372.96
G 40.0	366.94	420.41	449.04	450.03	428.27	406.59	395.09	391.89	393.88	388.64	382.14	372.71	366.55
G 41.0	363.97	419.80	448.53	448.85	428.53	407.74	398.87	394.47	395.92	390.86	381.21	368.22	360.90
G 42.0	362.53	421.58	446.76	448.58	428.17	411.32	401.25	398.07	396.77	390.20	378.72	365.68	355.75
G 43.0	361.85	422.37	446.82	448.21	430.78	414.83	407.89	403.60	400.48	392.37	377.56	361.42	350.11
G 44.0	361.92	423.27	449.23	449.40	433.28	420.99	413.90	411.20	405.51	396.02	376.96	356.79	345.41
G 45.0	362.12	425.16	453.13	453.07	438.55	429.42	424.90	424.39	413.21	398.93	378.34	354.55	339.40
G 46.0	363.50	428.12	458.46	461.36	449.01	440.05	435.98	438.35	426.63	406.89	382.53	354.16	333.77
G 47.0	366.83	431.30	464.75	470.28	458.32	453.48	450.66	455.92	442.28	417.76	385.89	353.68	329.17
G 48.0	368.98	434.07	472.50	481.90	473.70	469.76	472.21	478.30	461.70	430.24	390.75	350.99	322.92
G 49.0	372.74	436.23	479.70	494.91	493.80	490.17	497.54	501.94	480.84	440.01	393.77	344.72	312.16
G 50.0	377.66	442.91	485.27	508.18	511.56	512.58	522.37	527.06	500.60	449.27	392.72	336.27	299.56
G 51.0	380.80	448.80	492.39	521.07	530.16	539.32	548.32	551.46	515.01	453.65	385.39	324.62	285.48
G 52.0	382.55	456.38	503.25	534.86	550.05	565.95	577.85	570.84	526.68	453.21	376.55	307.62	268.50
G 53.0	382.96	463.10	511.73	548.22	569.61	593.09	602.24	588.00	533.45	448.03	360.84	289.90	253.02
G 54.0	380.95	467.02	522.31	562.26	587.68	615.42	625.61	601.60	533.72	432.98	339.10	269.83	237.19
G 55.0	383.06	471.13	528.38	570.99	600.83	631.42	643.69	608.46	528.31	411.31	316.18	248.73	222.42
G 56.0	389.84	477.07	535.78	576.27	606.48	639.68	651.17	606.67	510.20	379.54	287.85	229.00	206.97
G 57.0	398.65	486.52	543.65	582.07	608.39	640.66	649.47	594.20	482.46	344.85	258.39	211.55	192.06
G 58.0	408.70	500.04	556.74	591.08	611.09	635.65	638.51	569.77	447.41	310.23	234.19	194.53	172.19
G 59.0	416.31	514.14	573.98	600.76	613.95	625.11	611.21	530.09	404.59	276.06	212.68	173.36	145.71
G 60.0	425.63	526.20	586.36	611.26	618.66	610.24	577.23	480.05	357.50	244.16	190.82	146.25	112.30
G 61.0	432.56	534.99	595.49	617.27	619.14	593.59	537.62	421.85	305.60	213.94	164.26	113.13	78.62
G 62.0	436.55	541.26	603.56	621.42	614.45	573.84	494.60	363.49	256.36	181.87	133.17	83.25	54.10
G 63.0	436.49	543.75	605.49	620.03	602.58	546.74	448.95	310.18	211.04	147.10	99.95	59.71	40.16
G 64.0	431.54	540.66	602.86	610.99	585.48	513.80	404.42	263.36	171.16	112.97	71.29	44.62	35.35
G 65.0	422.54	536.00	596.17	599.13	561.39	474.74	358.66	223.10	136.34	83.52	52.11	38.06	32.84
G 66.0	410.43	527.18	584.37	580.38	532.96	434.59	313.83	186.33	107.07	62.62	42.49	34.73	30.83
G 67.0	391.95	514.96	568.91	556.75	499.99	395.82	271.19	153.54	82.65	49.70	38.01	32.19	28.83
G 68.0	369.65	493.26	545.08	525.65	461.58	352.97	234.21	124.00	65.31	42.73	34.90	30.19	27.03
G 69.0	342.74	465.35	512.00	487.14	426.09	313.15	197.80	97.29	53.08	38.25	32.71	27.82	25.36
G 70.0	308.33	429.55	472.76	440.30	382.50	273.33	163.78	77.49	45.61	34.08	30.61	25.75	24.17
G 71.0	266.60	386.27	427.57	393.30	334.47	231.42	131.86	61.41	40.21	31.22	27.62	23.87	21.93
G 72.0	216.83	335.26	374.33	340.99	285.64	190.88	102.67	49.70	35.22	28.01	24.92	21.92	20.31

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 2/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	380.12	380.55	380.58	381.60	381.80	381.98	382.24	382.69	382.63	382.50	381.95	380.70	380.47
G 2.0	391.94	393.03	393.74	394.29	394.36	394.94	394.62	395.21	394.97	393.66	392.82	390.70	389.79
G 3.0	402.69	404.38	406.41	407.62	409.02	408.48	407.94	408.63	407.33	405.50	403.76	401.50	397.63
G 4.0	412.88	417.20	419.90	421.92	423.14	422.72	420.71	419.84	418.68	416.13	413.13	405.13	402.33
G 5.0	415.69	423.45	428.29	431.94	432.37	433.31	432.40	429.58	426.43	422.99	414.97	413.99	413.05
G 6.0	421.25	422.63	433.93	437.55	440.10	441.42	439.97	438.43	434.70	426.17	425.78	424.81	421.85
G 7.0	427.81	430.75	436.92	443.32	446.09	447.89	447.22	444.53	439.18	433.10	433.04	433.10	432.27
G 8.0	432.81	434.65	436.13	446.29	450.95	452.20	453.29	448.99	438.23	440.09	438.24	439.41	441.07
G 9.0	440.11	440.40	438.97	450.41	455.66	457.12	456.04	450.73	441.46	443.96	444.13	444.30	445.84
G 10.0	443.95	442.15	441.03	449.86	458.18	460.47	458.34	449.98	441.80	444.27	445.58	448.11	449.87
G 11.0	445.96	443.60	441.01	445.76	457.40	460.44	458.27	447.91	441.81	442.85	447.24	450.86	453.01
G 12.0	448.05	444.79	441.20	439.34	455.31	458.89	456.20	440.87	441.06	444.15	448.30	454.82	454.72
G 13.0	449.39	446.08	439.87	435.53	450.77	456.87	452.68	438.48	439.84	444.33	450.26	454.18	456.92
G 14.0	447.91	443.82	437.12	434.87	446.00	452.96	447.57	434.91	437.53	441.93	447.93	453.70	457.37
G 15.0	447.50	440.85	434.22	432.37	444.03	449.25	443.63	432.36	433.31	439.66	446.34	450.86	453.70
G 16.0	443.79	437.80	429.50	428.73	441.25	445.71	438.40	426.89	431.51	438.15	442.60	449.30	452.15
G 17.0	442.95	434.19	428.39	426.26	437.73	442.81	436.09	425.06	429.04	435.21	440.38	445.94	449.84
G 18.0	439.65	434.25	426.16	422.71	433.31	438.45	431.54	422.22	427.81	432.73	439.89	444.59	449.79
G 19.0	437.30	431.59	424.15	421.16	429.85	435.33	428.05	419.62	426.88	431.41	437.23	443.89	445.09
G 20.0	435.91	431.30	424.22	418.55	426.26	433.37	424.58	417.91	425.60	428.57	435.25	441.97	442.14
G 21.0	433.34	427.94	421.45	417.37	421.98	430.22	421.41	416.29	424.81	428.58	434.12	439.92	439.97
G 22.0	431.76	424.44	420.06	412.88	418.40	426.65	418.16	417.13	421.11	426.65	431.60	436.27	438.23
G 23.0	428.86	422.64	417.34	410.88	414.03	424.96	413.02	413.92	419.09	422.62	428.30	432.17	435.88
G 24.0	425.66	420.72	414.51	409.68	409.12	421.22	410.04	410.36	417.45	420.71	425.00	429.22	431.27
G 25.0	425.39	417.60	413.07	406.99	405.27	417.84	405.66	408.75	414.99	418.87	424.38	427.41	427.50
G 26.0	422.00	416.12	411.72	405.20	400.14	412.85	401.63	404.64	413.94	416.96	421.60	424.28	426.81
G 27.0	421.02	414.24	409.60	403.91	395.16	408.08	396.67	401.00	411.93	415.56	419.84	422.22	424.09
G 28.0	419.01	413.55	407.35	401.40	393.89	403.01	392.70	398.33	407.03	412.59	416.19	419.10	419.67
G 29.0	413.12	410.09	404.33	398.36	388.22	399.74	390.40	396.52	403.66	410.94	412.30	415.70	416.14
G 30.0	411.39	406.65	401.00	394.50	384.04	395.95	387.75	394.07	399.64	408.32	410.69	411.88	411.86
G 31.0	406.16	405.23	398.93	389.79	380.69	390.18	382.83	390.68	396.24	406.45	407.55	408.68	409.03
G 32.0	402.35	401.35	395.47	386.77	377.62	386.26	380.30	385.91	394.31	402.74	403.21	405.01	405.97
G 33.0	398.51	396.78	391.49	385.51	376.45	382.99	377.41	384.12	392.24	400.00	399.96	400.03	402.31
G 34.0	395.20	392.07	385.71	381.47	372.63	379.75	375.38	380.81	388.16	393.90	395.20	396.19	398.75
G 35.0	390.37	388.11	381.47	378.36	369.27	375.76	370.45	376.77	384.63	389.18	390.21	393.28	394.89
G 36.0	386.34	384.11	375.78	371.59	362.90	369.76	363.99	371.03	377.87	385.01	386.41	390.66	390.80
G 37.0	379.03	379.09	370.90	365.89	357.01	363.80	357.30	363.41	372.06	379.31	381.19	386.18	387.01
G 38.0	374.62	374.22	364.40	358.86	351.43	355.95	349.50	357.72	366.19	372.96	376.22	379.45	382.74
G 39.0	368.27	367.75	359.21	352.28	343.18	348.49	343.05	352.23	359.02	365.40	369.62	375.10	376.83
G 40.0	361.70	359.80	352.14	343.75	334.99	341.72	335.05	344.84	349.86	357.38	361.15	369.70	371.54
G 41.0	355.03	351.87	343.10	335.31	324.37	333.76	326.77	335.94	341.94	348.60	352.89	363.53	367.80
G 42.0	346.54	342.54	332.76	326.18	316.38	324.53	317.71	327.44	332.16	340.60	345.72	357.35	364.98
G 43.0	337.94	332.52	321.56	317.43	309.33	313.85	309.28	317.91	324.25	330.48	339.04	349.72	360.63
G 44.0	330.82	324.24	311.44	306.44	300.73	303.32	298.83	307.67	314.20	321.40	331.60	343.33	357.92
G 45.0	322.38	313.14	299.54	295.38	289.43	292.00	288.27	294.31	303.02	312.72	323.46	338.36	356.32
G 46.0	313.14	302.02	288.83	284.52	278.20	282.01	277.93	284.38	292.93	302.20	315.33	333.05	354.71
G 47.0	304.32	292.72	277.32	274.87	266.74	273.80	267.74	274.36	280.69	291.43	306.01	326.94	352.81
G 48.0	295.31	279.96	267.14	263.27	256.11	264.90	256.40	263.13	268.42	280.11	296.24	320.76	350.11
G 49.0	283.62	267.72	257.53	253.27	244.34	252.67	245.04	252.13	256.65	269.33	284.10	310.73	343.81
G 50.0	269.95	256.36	246.04	243.10	234.42	242.91	234.67	241.55	246.08	256.62	272.22	297.65	335.44
G 51.0	256.81	243.67	234.97	232.70	224.61	232.13	225.29	231.83	237.41	243.98	258.43	283.26	323.97
G 52.0	242.25	232.06	224.46	222.70	216.03	221.04	216.04	222.28	228.64	232.15	244.78	268.83	312.54
G 53.0	230.70	221.46	215.37	211.75	206.48	211.59	205.59	213.48	217.00	221.56	232.82	251.45	293.69
G 54.0	218.95	210.62	205.85	199.89	195.42	200.78	194.14	202.98	204.06	210.68	221.02	234.51	274.02
G 55.0	206.77	200.46	191.81	183.64	175.87	181.35	174.68	186.32	188.44	199.05	208.36	219.87	253.24
G 56.0	191.53	183.08	166.29	158.03	145.60	150.33	145.00	159.48	164.28	181.67	192.83	206.22	232.11
G 57.0	171.38	156.39	131.83	121.68	107.85	112.97	107.87	122.26	130.54	155.64	171.15	191.63	213.58
G 58.0	142.70	121.01	93.44	83.17	71.76	76.27	72.38	82.90	93.82	121.84	141.86	171.74	195.90
G 59.0	108.04	83.93	62.69	54.17	47.18	49.97	46.85	53.61	62.76	85.33	107.07	144.61	172.88
G 60.0	75.15	56.03	43.51	38.66	35.10	36.69	34.68	37.90	43.73	57.44	74.71	110.52	146.69
G 61.0	51.48	40.59	35.28	33.55	30.96	31.25	30.73	33.21	35.48	41.58	51.55	78.10	113.92
G 62.0	39.76	34.77	32.07	30.68	28.84	28.93	28.44	30.55	31.42	35.12	38.93	53.10	83.78
G 63.0	34.55	32.21	29.28	28.77	26.61	26.59	26.42	28.07	29.49	32.13	34.12	40.14	59.33
G 64.0	32.47	29.95	27.61	26.89	24.55	24.90	24.45	25.90	27.54	29.74	31.99	35.01	44.37
G 65.0	30.38	28.03	26.06	25.15	23.38	23.85	23.07	24.38	25.92	27.65	30.37	32.15	37.68
G 66.0	28.48	26.25	24.17	23.62	22.21	22.91	21.63	22.78	24.23	26.51	28.32	30.08	33.94
G 67.0	26.42	24.80	22.99	22.23	21.15	21.56	20.43	21.35	22.75	24.79	26.55	28.59	32.07
G 68.0	24.91	23.46	21.59	20.89	19.66	20.33	19.29	20.21	21.86	23.37	25.02	26.37	30.02
G 69.0	23.15	21.80	20.78	19.72	18.15	18.81	18.11	18.71	20.47	21.76	23.20	24.96	27.91
G 70.0	21.72	20.41	19.39	18.63	16.97	17.15	17.32	17.69	19.39	20.30	21.95	23.64	26.08
G 71.0	20.20	19.23	17.89	17.30	15.68	16.15	15.94	16.90	18.22	19.43	20.47	22.31	24.31
G 72.0	18.61	17.94	16.79	16.40	14.99	14.65	15.23	16.02	16.97	18.08	19.80	20.72	22.01

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 3/18**

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	379.30	378.80	377.86	377.19	376.51	374.91	374.04	373.08	372.18	371.06	370.19	369.12	368.41
G 2.0	387.83	385.40	384.17	382.31	379.30	376.24	372.84	369.36	366.17	363.26	362.08	359.98	359.45
G 3.0	391.56	386.20	383.82	381.90	379.93	377.60	375.56	372.56	369.82	367.53	364.52	361.55	358.89
G 4.0	399.39	398.13	395.83	392.33	388.72	386.29	383.66	380.40	375.56	371.78	369.75	365.90	362.24
G 5.0	411.39	409.83	406.56	404.78	400.05	396.31	391.86	387.59	383.44	378.65	373.42	368.02	363.53
G 6.0	421.18	419.78	416.97	413.30	408.66	403.55	399.43	393.04	388.08	382.38	376.28	371.25	365.04
G 7.0	430.59	429.59	426.50	422.96	418.50	412.93	407.63	399.42	391.94	385.90	378.21	371.30	363.89
G 8.0	438.01	437.10	434.45	430.52	426.21	420.73	414.08	404.65	394.83	386.61	377.09	368.69	362.08
G 9.0	444.45	443.78	442.71	438.67	433.26	428.27	419.20	409.70	398.03	387.12	376.00	367.23	360.08
G 10.0	450.78	449.07	447.99	443.76	438.95	432.38	423.02	413.41	401.29	388.77	375.77	366.13	356.63
G 11.0	454.26	453.71	450.82	448.72	443.54	436.85	428.62	416.80	403.24	388.19	375.56	363.97	352.77
G 12.0	457.21	455.58	453.75	451.07	445.99	439.27	429.90	419.65	406.20	390.35	374.74	360.81	351.13
G 13.0	458.65	457.32	455.94	452.74	449.28	443.48	434.05	422.09	406.99	390.90	374.06	358.89	347.21
G 14.0	458.13	458.79	458.05	455.34	451.15	443.81	436.81	424.62	409.26	390.59	372.29	356.75	343.86
G 15.0	457.54	460.20	459.10	456.58	452.63	446.75	437.64	425.97	410.57	391.69	372.14	355.49	340.39
G 16.0	456.55	458.92	457.59	457.89	454.15	448.96	439.47	426.57	410.39	389.90	371.49	353.03	336.93
G 17.0	455.34	456.25	457.09	454.02	452.81	448.70	441.16	428.55	410.56	391.70	370.29	352.44	335.15
G 18.0	454.50	455.04	455.39	453.56	452.83	450.04	443.96	430.16	411.11	388.61	368.65	349.11	331.53
G 19.0	450.18	454.45	452.93	453.44	453.81	449.68	445.79	430.89	410.65	389.47	367.77	347.39	327.78
G 20.0	445.64	451.00	449.95	451.83	451.64	448.82	444.25	430.44	412.64	389.90	364.95	345.37	325.90
G 21.0	442.23	447.03	448.92	450.09	449.51	447.93	443.49	432.55	414.17	390.25	364.92	341.10	322.03
G 22.0	440.33	442.47	445.33	445.05	447.12	445.53	441.63	432.49	416.58	391.59	363.56	339.23	321.35
G 23.0	437.53	440.41	441.88	443.23	444.79	443.12	441.04	433.95	418.40	391.86	362.38	338.20	320.61
G 24.0	433.54	434.69	437.05	439.87	443.01	442.23	441.39	435.31	419.62	392.78	364.00	336.89	317.09
G 25.0	430.81	429.97	432.37	436.05	439.19	441.03	441.20	435.60	421.96	396.05	365.89	335.94	316.06
G 26.0	428.12	425.99	428.92	431.64	437.95	440.71	443.95	438.23	423.46	397.99	364.74	333.74	314.34
G 27.0	425.90	423.63	424.67	428.65	435.05	439.68	447.12	438.86	425.01	399.55	365.80	332.69	311.72
G 28.0	419.53	419.20	424.08	424.97	431.25	438.89	446.03	440.85	426.89	400.34	364.80	331.67	309.83
G 29.0	417.11	416.61	420.37	420.97	427.85	436.36	444.57	443.39	431.36	402.97	367.90	330.82	306.15
G 30.0	412.33	413.26	415.31	418.58	424.07	433.27	443.29	445.15	434.37	406.59	369.66	332.54	305.77
G 31.0	410.53	409.22	412.86	415.26	420.20	431.64	441.50	445.84	438.04	407.89	372.54	330.76	303.00
G 32.0	405.58	407.69	408.47	410.92	417.10	429.12	439.77	448.72	443.16	409.90	373.36	331.75	301.74
G 33.0	402.19	403.58	405.69	408.62	410.95	425.18	436.54	449.89	446.06	415.12	377.24	332.05	299.94
G 34.0	399.58	401.72	403.20	400.14	406.49	419.54	435.32	450.03	449.20	420.19	378.45	330.65	297.90
G 35.0	397.78	400.86	399.46	395.97	401.56	417.02	435.34	450.10	450.47	426.32	378.82	329.06	295.30
G 36.0	394.20	397.09	399.04	393.31	401.14	413.37	435.56	449.66	452.16	429.25	377.28	326.68	290.63
G 37.0	392.92	393.64	396.44	394.68	399.94	409.49	433.47	447.41	453.09	428.66	374.52	322.40	284.56
G 38.0	389.42	392.05	394.45	396.75	398.91	408.68	429.97	446.98	454.02	429.12	370.53	317.05	278.14
G 39.0	384.26	389.75	392.95	396.45	399.24	405.56	428.96	448.06	455.04	424.91	368.88	313.58	271.92
G 40.0	382.97	390.17	394.76	395.57	398.03	405.55	426.71	446.50	452.64	422.73	363.92	309.14	269.58
G 41.0	379.76	390.17	396.98	396.47	399.78	408.22	426.30	446.94	450.85	420.88	362.09	304.91	264.73
G 42.0	378.94	389.85	399.73	397.87	403.75	409.97	427.11	446.80	451.90	419.97	360.85	300.26	259.96
G 43.0	379.21	392.85	402.82	403.13	406.35	412.00	428.96	446.38	449.41	421.12	359.37	295.95	256.55
G 44.0	381.20	395.60	407.98	410.51	412.97	419.06	434.17	450.24	451.46	421.90	360.12	293.70	251.87
G 45.0	382.33	400.64	417.16	421.87	423.46	428.87	438.89	456.34	454.24	425.45	361.93	292.18	249.04
G 46.0	381.92	409.45	431.24	436.50	437.34	439.30	448.48	463.00	458.81	430.47	364.11	292.79	246.32
G 47.0	384.39	419.38	445.99	455.43	454.67	453.26	460.88	472.69	464.33	432.83	364.16	292.12	242.31
G 48.0	386.79	431.75	461.24	476.49	475.90	471.16	476.28	482.32	470.92	435.43	367.95	292.25	239.54
G 49.0	388.92	440.50	480.42	499.91	499.88	492.79	493.98	493.06	477.11	441.28	370.82	293.46	236.78
G 50.0	390.64	448.53	497.72	525.71	525.49	514.45	512.44	505.35	486.49	446.56	374.65	297.43	233.69
G 51.0	387.71	453.73	514.89	550.28	552.93	539.70	530.44	518.48	493.59	451.45	382.60	299.11	225.96
G 52.0	377.35	451.67	528.42	573.38	579.96	565.13	550.50	531.91	502.98	455.92	383.05	296.30	214.48
G 53.0	363.32	445.51	535.88	590.22	603.74	588.52	568.25	547.45	513.65	460.62	382.33	289.71	199.38
G 54.0	341.23	430.39	537.18	601.52	626.74	611.48	586.69	560.50	522.57	463.51	380.62	280.58	185.61
G 55.0	315.40	407.44	529.16	606.53	641.74	628.72	601.41	568.19	530.66	467.71	380.11	272.95	174.45
G 56.0	288.22	379.34	512.91	603.75	651.37	638.05	610.90	575.49	537.08	472.74	386.42	269.28	165.69
G 57.0	259.70	345.07	485.68	590.13	650.46	640.81	614.78	581.73	545.41	484.65	395.84	272.88	159.98
G 58.0	235.62	311.16	447.14	565.84	637.13	637.36	616.29	591.90	558.18	499.34	409.37	275.39	153.92
G 59.0	212.70	276.20	404.63	530.12	611.89	625.12	619.67	603.45	571.88	512.43	417.94	276.37	147.73
G 60.0	190.12	243.20	356.03	481.17	577.26	611.89	621.36	612.59	584.96	524.29	425.98	275.91	143.47
G 61.0	164.52	213.57	307.42	422.67	536.35	594.72	622.33	619.30	595.62	532.59	431.50	274.35	138.56
G 62.0	133.27	182.51	258.17	364.28	494.22	571.41	618.44	621.13	601.67	538.64	433.20	271.95	132.38
G 63.0	99.93	149.50	211.96	309.26	451.46	546.31	606.61	618.56	604.95	544.59	435.69	267.75	125.61
G 64.0	70.77	113.40	171.77	264.07	406.49	513.51	589.16	613.46	602.93	547.04	431.41	259.58	120.69
G 65.0	52.20	83.84	136.51	223.37	361.18	478.53	566.98	596.18	597.00	544.60	426.73	248.67	116.25
G 66.0	42.61	62.26	107.15	186.54	314.65	437.15	537.94	576.21	587.42	532.21	412.49	237.19	112.13
G 67.0	38.25	50.40	82.75	153.43	271.50	395.53	504.29	554.11	569.88	516.39	395.40	222.14	107.48
G 68.0	35.33	43.27	65.07	123.95	232.03	352.75	467.30	524.96	545.53	494.08	372.74	204.30	101.29
G 69.0	31.80	38.27	52.22	98.01	196.70	311.55	425.61	488.63	510.84	464.59	343.55	183.61	93.51
G 70.0	28.86	34.54	43.82	77.08	163.06	271.21	379.42	444.75	471.73	430.46	306.86	159.23	82.70
G 71.0	26.57	31.14	38.22	61.94	130.10	231.68	332.61	393.55	426.21	385.38	265.24	132.34	69.53
G 72.0	24.89	28.38	33.70	49.55	101.63	189.91	285.62	340.25	372.93	332.73	215.97	104.98	55.94

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 4/18**

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	367.38	366.39	365.50	364.77	363.79	363.58	362.52	362.09	362.12	361.47	361.53	361.32	361.27
G 2.0	358.62	357.76	356.72	356.42	355.28	353.75	352.74	351.36	351.87	350.99	349.83	349.05	349.26
G 3.0	355.83	353.64	351.19	348.32	345.01	342.52	339.81	340.58	341.58	341.41	341.67	341.02	341.05
G 4.0	358.02	353.32	348.81	346.15	341.90	338.66	335.39	333.95	331.23	329.34	332.56	333.77	333.26
G 5.0	359.50	353.91	349.11	343.42	339.71	336.37	332.95	330.12	326.99	324.02	321.13	326.18	327.76
G 6.0	360.01	353.63	347.10	341.31	336.53	333.27	328.70	327.38	323.84	322.05	319.59	317.66	321.36
G 7.0	357.15	351.87	344.00	337.97	333.43	329.28	326.89	323.30	321.40	318.35	316.52	314.23	316.60
G 8.0	354.16	348.62	341.00	335.23	329.05	325.63	323.10	320.26	318.09	315.38	312.06	310.69	307.65
G 9.0	352.73	343.93	336.90	331.81	326.15	322.45	318.84	317.43	314.86	313.21	311.23	307.13	305.00
G 10.0	347.05	338.32	332.00	327.10	323.43	320.07	315.83	313.60	312.12	309.15	306.72	304.33	299.92
G 11.0	344.18	334.98	326.82	323.72	320.08	318.21	314.87	312.30	310.29	307.18	303.96	299.24	295.67
G 12.0	339.33	330.69	324.11	319.55	318.76	315.92	311.34	308.85	307.01	303.17	300.37	294.03	287.67
G 13.0	335.79	326.05	319.16	316.88	314.75	312.48	309.16	305.95	302.16	298.66	292.71	285.66	279.39
G 14.0	333.53	322.82	315.17	313.25	310.03	308.11	305.13	301.82	296.47	293.18	285.22	277.06	265.89
G 15.0	329.18	319.71	313.33	308.95	305.67	302.03	300.03	296.94	292.12	284.87	276.60	263.40	250.34
G 16.0	326.01	317.27	311.45	306.10	300.70	296.37	295.58	292.59	287.02	275.89	261.48	243.84	229.10
G 17.0	321.79	315.38	309.06	302.36	297.89	292.83	290.92	285.92	277.16	260.24	242.77	220.98	203.85
G 18.0	318.92	310.11	304.15	299.18	294.67	289.53	286.05	276.31	261.95	240.74	217.97	197.18	177.66
G 19.0	314.06	306.71	301.03	294.50	291.36	286.48	278.44	262.85	241.37	218.57	193.28	171.60	150.80
G 20.0	311.94	304.88	298.11	292.83	288.68	280.91	266.52	245.18	219.43	193.83	168.70	146.05	125.21
G 21.0	310.41	302.49	293.99	289.91	284.53	271.41	251.36	222.84	195.80	168.91	143.48	119.45	99.42
G 22.0	308.69	300.28	292.32	286.60	278.78	259.48	233.05	200.13	169.44	142.31	115.92	94.37	77.24
G 23.0	308.13	299.44	290.17	283.15	271.06	245.12	212.65	176.87	143.96	115.38	90.44	73.24	61.98
G 24.0	306.43	296.49	287.17	278.83	261.02	227.96	191.99	153.82	118.08	91.33	70.80	59.52	53.26
G 25.0	304.10	295.59	284.98	273.60	248.88	209.98	170.69	130.01	94.32	71.60	58.58	52.94	49.80
G 26.0	300.03	292.30	281.76	265.45	234.46	190.58	148.75	106.06	75.39	60.36	52.71	50.24	48.53
G 27.0	298.41	288.12	277.87	256.41	217.01	170.59	126.97	86.09	62.00	53.23	49.91	48.45	46.18
G 28.0	294.86	284.76	271.98	243.69	199.16	148.97	104.60	70.34	55.34	51.17	48.41	46.01	43.84
G 29.0	291.17	280.81	265.97	228.51	182.44	128.67	85.25	60.14	51.34	48.78	46.54	43.65	42.51
G 30.0	289.55	276.96	258.66	213.15	162.88	109.43	69.95	54.03	49.73	47.03	44.85	41.93	40.84
G 31.0	286.18	272.93	249.46	198.51	144.69	92.22	60.20	50.85	47.80	45.56	43.10	40.99	39.72
G 32.0	282.53	267.72	238.41	183.70	127.27	77.04	54.22	49.32	46.07	43.88	41.82	39.37	37.93
G 33.0	278.37	261.57	224.49	167.46	108.33	67.45	51.97	47.82	44.95	42.39	40.66	38.21	35.53
G 34.0	274.23	256.60	211.20	149.38	91.83	60.10	50.40	46.60	43.54	41.11	39.31	37.11	34.33
G 35.0	273.27	250.37	198.29	130.76	77.42	55.05	49.28	45.62	41.72	39.62	37.71	36.10	32.90
G 36.0	269.05	242.10	185.20	114.00	66.86	52.10	47.86	44.21	40.98	38.15	36.42	34.99	31.70
G 37.0	263.23	231.15	169.65	98.81	61.19	50.31	46.75	43.15	39.66	37.09	35.10	33.46	30.88
G 38.0	256.89	217.29	154.74	84.92	56.56	49.24	45.33	43.11	38.10	36.09	34.02	31.80	29.83
G 39.0	250.39	204.15	138.17	74.15	53.64	48.46	44.83	42.15	36.72	35.05	32.97	30.89	29.12
G 40.0	243.82	190.08	121.19	67.18	51.91	47.46	43.83	40.94	35.86	33.23	31.34	29.31	27.77
G 41.0	237.59	176.50	105.76	62.24	50.65	46.47	42.83	39.60	34.81	32.24	29.93	28.11	26.89
G 42.0	229.97	164.22	91.30	57.50	50.16	45.49	41.16	37.83	34.28	30.96	28.30	27.03	25.63
G 43.0	221.94	151.51	79.29	54.33	48.83	43.76	39.42	37.15	33.35	30.36	27.45	25.84	24.77
G 44.0	214.79	139.31	70.63	51.62	47.88	42.56	38.09	35.39	32.36	29.66	26.38	25.46	23.75
G 45.0	206.58	125.84	64.62	50.40	46.40	41.76	37.50	34.27	31.25	28.32	25.81	24.44	22.31
G 46.0	195.82	112.52	60.53	49.39	45.42	40.77	37.20	33.26	30.10	27.44	25.69	24.22	21.29
G 47.0	185.13	99.33	57.29	47.24	43.92	39.71	36.00	32.22	29.20	26.78	24.81	23.37	21.10
G 48.0	173.24	87.82	55.16	46.60	42.91	38.46	35.05	31.50	28.19	25.62	24.17	22.09	20.74
G 49.0	163.19	78.23	52.65	45.76	42.04	37.55	33.69	30.42	27.65	25.17	23.08	21.60	20.17
G 50.0	151.87	71.18	50.51	44.63	40.55	36.52	33.02	29.91	26.40	24.15	22.17	20.73	19.34
G 51.0	137.87	66.08	49.58	44.09	39.48	35.42	32.00	29.17	25.49	23.14	21.14	20.03	18.03
G 52.0	123.97	62.11	48.34	43.09	38.29	34.36	31.10	28.56	24.50	22.54	20.17	18.69	17.52
G 53.0	109.48	59.18	47.22	41.82	37.78	34.16	30.32	27.58	23.18	21.38	19.18	18.28	16.81
G 54.0	97.95	56.63	46.59	40.26	37.01	33.70	29.43	25.70	22.22	20.08	18.36	17.08	16.29
G 55.0	88.25	55.45	44.84	39.91	35.70	32.83	28.77	24.76	21.15	19.03	17.86	16.28	15.52
G 56.0	82.62	54.75	44.54	39.00	34.59	31.87	27.45	23.76	20.29	17.70	16.87	15.59	14.43
G 57.0	77.95	52.74	43.18	38.39	33.76	31.35	26.30	23.22	19.71	17.28	15.62	14.48	13.55
G 58.0	76.25	50.93	42.12	37.26	33.27	30.38	24.65	22.06	18.91	16.26	14.49	13.61	12.75
G 59.0	74.23	49.62	40.78	35.97	32.81	29.12	23.51	20.83	17.93	15.59	13.93	13.00	12.15
G 60.0	72.41	47.25	39.02	34.93	31.74	28.30	22.90	19.51	17.37	14.92	13.35	12.53	11.69
G 61.0	71.23	45.04	36.77	34.28	31.09	26.41	21.80	18.61	16.65	14.22	12.85	12.12	11.47
G 62.0	69.67	42.62	34.90	32.52	29.59	24.99	21.02	17.42	15.78	13.87	12.58	11.63	10.85
G 63.0	68.31	40.14	33.72	31.17	27.92	23.81	19.94	16.71	14.85	13.51	12.35	11.12	10.19
G 64.0	65.57	38.10	32.12	29.94	26.32	22.66	19.21	16.55	14.37	12.65	11.76	10.50	9.75
G 65.0	61.93	36.23	30.93	28.89	25.70	21.91	18.86	16.40	13.75	12.53	11.12	10.05	9.31
G 66.0	57.42	34.74	29.52	27.25	24.54	21.43	18.43	15.94	13.44	12.17	10.82	9.74	8.76
G 67.0	51.41	33.06	28.41	25.81	23.78	21.37	17.80	15.75	13.40	11.92	10.56	9.37	8.94
G 68.0	45.89	31.25	26.75	25.06	23.48	21.11	17.84	16.18	13.35	11.61	10.44	9.42	8.75
G 69.0	41.16	28.95	26.02	24.53	22.82	20.87	18.39	15.67	13.17	10.73	9.73	8.77	7.99
G 70.0	35.81	27.20	25.29	23.17	22.04	20.73	17.81	15.45	12.55	10.10	9.40	8.08	7.41
G 71.0	32.49	25.47	23.54	22.35	21.40	20.28	17.19	14.84	11.83	9.57	8.48	7.25	6.70
G 72.0	28.85	23.07	22.26	20.28	20.43	19.30	16.84	14.34	10.96	8.53	7.56	6.42	6.16

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 5/18**

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	361.30	361.03	361.04	360.76	360.51	361.00	360.95	361.25	361.71	362.31	362.41	362.78	362.93
G 2.0	349.83	349.25	350.09	350.34	350.27	350.87	351.42	351.98	352.79	353.09	354.19	355.08	355.92
G 3.0	341.23	340.65	341.70	341.61	341.65	341.70	342.42	342.17	342.35	342.71	342.61	342.11	344.07
G 4.0	334.28	334.66	334.94	334.93	334.50	335.53	335.29	334.96	331.88	332.58	335.17	338.41	340.16
G 5.0	327.75	329.43	328.85	330.70	330.74	329.85	328.45	323.37	325.36	328.49	331.43	334.71	336.55
G 6.0	322.71	324.47	325.13	325.55	325.31	324.73	318.25	320.10	322.61	324.46	327.83	330.34	331.98
G 7.0	319.43	320.46	320.69	320.74	320.12	317.73	313.82	316.77	319.67	321.81	324.47	327.02	331.14
G 8.0	313.72	315.35	316.09	317.27	315.74	309.42	310.89	313.69	315.53	318.72	322.24	324.38	327.64
G 9.0	309.22	310.56	310.61	311.28	309.94	304.97	306.94	308.98	311.86	316.37	319.16	322.64	325.07
G 10.0	304.06	305.56	305.28	304.83	302.66	299.38	302.34	304.87	308.91	313.11	315.74	319.70	321.90
G 11.0	295.64	298.20	298.58	298.79	294.21	293.83	298.31	300.95	304.62	309.74	313.45	315.89	318.90
G 12.0	283.90	286.55	287.99	288.70	283.67	288.89	291.78	297.39	301.18	307.00	310.58	313.11	317.06
G 13.0	271.18	274.61	276.22	274.54	272.59	278.82	284.46	291.83	297.24	300.65	305.98	310.44	314.27
G 14.0	257.32	255.52	256.11	258.99	259.19	267.98	275.83	283.98	290.99	295.90	300.52	306.26	309.73
G 15.0	237.09	234.89	234.31	237.56	240.67	251.96	264.39	274.13	282.67	290.35	296.05	299.56	305.03
G 16.0	213.47	209.60	207.51	210.29	215.91	230.92	245.40	260.76	273.85	285.12	291.30	294.59	300.18
G 17.0	187.27	181.05	178.68	182.17	189.90	206.16	222.64	242.24	260.93	275.22	284.41	290.00	296.43
G 18.0	160.90	151.59	149.36	152.07	161.08	178.92	198.23	219.12	239.99	260.39	274.43	284.09	289.60
G 19.0	134.85	123.36	121.86	124.60	135.05	152.13	172.84	193.68	216.33	240.07	259.59	276.85	284.46
G 20.0	108.55	100.06	98.30	100.14	109.58	126.46	146.65	167.12	192.00	217.21	242.66	265.89	278.77
G 21.0	86.41	79.65	78.86	79.61	86.97	100.96	120.65	142.34	167.17	193.63	223.03	250.39	269.31
G 22.0	68.70	64.12	64.83	64.08	69.76	78.99	96.03	116.60	142.38	169.40	200.01	232.33	258.79
G 23.0	56.34	54.53	55.64	54.67	57.69	63.38	75.31	91.34	116.00	144.47	177.06	211.66	244.65
G 24.0	50.63	48.99	51.25	49.91	51.15	53.76	61.93	72.02	91.29	119.28	154.04	191.28	228.99
G 25.0	47.57	46.26	48.58	47.21	47.46	49.80	53.77	58.65	72.20	94.88	130.09	170.65	210.54
G 26.0	46.48	45.23	46.08	44.72	45.40	47.06	49.79	52.10	60.07	75.30	107.45	148.74	190.14
G 27.0	44.73	43.28	44.57	42.61	43.71	45.45	47.09	50.38	54.42	62.69	87.10	126.47	170.92
G 28.0	42.99	41.77	42.82	41.52	42.04	43.51	45.12	48.69	51.63	55.63	70.53	104.27	150.04
G 29.0	41.21	39.54	41.51	39.92	40.63	41.73	44.21	46.03	49.66	51.89	60.12	84.72	128.48
G 30.0	39.83	38.28	40.14	38.19	38.80	40.86	41.84	44.37	46.94	49.74	54.41	69.66	108.22
G 31.0	38.06	37.29	38.71	37.06	38.22	39.50	40.92	42.20	45.12	47.97	51.70	59.80	89.84
G 32.0	36.22	35.91	37.20	35.57	36.65	38.43	39.95	40.50	42.94	46.92	49.99	54.15	75.59
G 33.0	35.18	34.84	36.14	35.05	35.53	37.03	38.23	39.83	41.61	45.06	48.16	51.90	65.57
G 34.0	33.86	34.21	34.77	34.73	33.81	34.69	36.57	38.15	40.46	43.48	46.50	50.36	59.25
G 35.0	32.97	32.75	33.64	33.29	32.43	33.39	35.60	37.28	39.60	42.16	45.06	48.86	54.47
G 36.0	31.55	31.38	32.29	31.61	31.49	32.66	34.23	35.94	37.67	40.55	43.27	47.91	52.03
G 37.0	30.18	30.06	30.38	29.65	30.33	31.84	33.25	34.72	36.74	39.49	42.11	46.35	51.08
G 38.0	28.48	27.77	28.82	27.71	29.17	30.12	31.70	33.81	36.10	38.26	41.32	45.92	50.00
G 39.0	27.31	26.21	27.25	26.59	28.07	28.85	30.57	32.25	35.10	37.55	40.15	44.35	48.87
G 40.0	25.95	24.97	25.82	25.33	27.14	27.42	29.73	31.07	34.28	36.37	39.63	42.75	47.70
G 41.0	24.79	23.98	25.01	24.34	25.64	26.49	28.92	30.14	33.20	35.52	38.80	41.77	46.18
G 42.0	24.03	23.11	23.59	23.70	24.68	25.62	27.60	29.04	32.42	34.01	37.83	40.54	45.27
G 43.0	23.79	22.39	22.30	22.81	24.00	24.68	26.30	28.22	31.20	33.16	36.65	39.43	44.42
G 44.0	22.96	21.84	21.34	21.55	22.75	23.91	25.51	27.43	29.46	31.87	35.14	39.21	43.01
G 45.0	22.00	20.80	20.77	20.53	21.72	22.54	24.33	26.11	28.60	30.80	33.92	38.29	42.35
G 46.0	20.43	19.94	19.88	19.58	20.94	21.88	23.43	25.51	27.48	30.17	33.08	37.05	40.77
G 47.0	19.55	19.51	18.92	18.80	20.30	21.33	22.86	24.46	26.96	29.01	32.31	35.71	39.41
G 48.0	19.10	19.02	18.43	18.42	19.66	20.74	21.89	23.39	26.17	28.46	31.61	35.14	38.63
G 49.0	18.32	18.11	18.07	17.71	19.35	19.91	21.10	22.57	25.49	27.87	31.01	34.26	37.68
G 50.0	17.88	17.36	17.18	16.79	18.35	19.09	20.30	21.64	24.18	26.38	30.18	32.92	36.59
G 51.0	17.25	16.77	17.03	16.19	17.35	18.39	19.80	21.06	23.27	25.52	29.07	32.02	35.32
G 52.0	16.44	15.80	15.90	15.63	16.21	17.79	19.36	19.99	22.39	24.77	28.22	31.09	34.66
G 53.0	16.10	15.09	15.69	15.32	15.29	16.91	18.78	19.87	21.69	23.87	27.32	30.65	33.91
G 54.0	15.13	14.56	15.00	14.40	14.48	16.09	17.84	19.30	20.43	22.98	25.70	29.78	33.33
G 55.0	14.33	13.80	13.82	13.68	14.00	15.20	16.72	18.40	19.57	22.33	24.68	29.05	32.15
G 56.0	13.34	13.09	12.70	13.17	13.15	14.15	15.76	17.62	18.60	21.16	23.50	27.92	31.69
G 57.0	12.75	11.93	11.88	12.64	12.77	13.41	14.91	16.00	17.77	19.77	22.60	26.95	31.05
G 58.0	12.36	11.24	11.28	11.79	12.15	12.62	14.40	15.07	16.67	18.58	21.38	25.70	29.94
G 59.0	12.12	10.31	11.12	10.78	11.49	12.43	13.67	14.20	15.68	17.94	20.43	24.23	28.21
G 60.0	11.40	10.34	10.04	10.05	10.87	11.94	13.00	13.58	15.03	17.26	19.56	22.78	26.79
G 61.0	10.68	9.85	9.82	9.54	10.30	11.24	12.23	12.91	14.26	16.44	18.68	21.63	25.71
G 62.0	10.26	9.39	9.41	9.23	10.18	10.53	11.39	12.23	13.80	15.53	18.05	20.75	24.33
G 63.0	9.59	8.76	9.21	8.75	9.79	9.85	10.97	11.73	13.20	14.66	17.33	20.09	23.23
G 64.0	9.24	8.56	8.91	8.40	9.37	9.58	10.50	11.60	12.85	14.13	16.64	19.46	22.27
G 65.0	8.77	8.64	8.26	8.37	8.66	9.30	9.92	11.14	12.64	13.67	15.93	18.86	21.63
G 66.0	8.37	8.10	8.06	8.37	8.04	8.86	9.86	10.72	12.21	13.59	15.60	18.35	21.24
G 67.0	8.12	7.89	7.61	8.24	8.00	8.59	9.43	10.45	11.76	13.40	15.78	17.91	20.72
G 68.0	7.95	7.64	7.46	7.73	7.78	8.31	8.86	10.28	11.28	13.15	15.51	18.44	20.56
G 69.0	7.46	7.15	6.99	7.04	7.43	7.92	8.51	10.11	10.68	12.89	15.37	18.48	21.13
G 70.0	6.85	6.83	6.62	6.53	7.00	7.34	7.81	9.61	10.10	12.65	15.18	18.41	20.96
G 71.0	5.97	6.17	6.11	5.87	6.35	6.63	7.31	8.94	9.53	11.68	14.73	18.02	20.52
G 72.0	5.32	5.26	5.54	5.37	5.82	5.95	6.64	7.74	8.57	10.92	14.27	17.37	20.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 6/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	364.09	364.64	364.86	365.48	366.77	367.28	368.39
G 2.0	356.56	357.46	358.00	358.27	358.60	359.74	360.34
G 3.0	347.22	349.44	352.73	355.71	358.45	360.87	362.63
G 4.0	342.37	345.88	349.72	354.55	359.39	362.83	365.67
G 5.0	339.24	342.73	347.31	353.77	358.85	362.52	367.18
G 6.0	336.85	340.99	346.83	352.36	357.44	362.65	368.06
G 7.0	334.57	338.77	344.57	348.20	355.30	363.18	370.86
G 8.0	330.96	334.90	341.96	348.04	354.86	362.86	370.29
G 9.0	326.78	331.46	339.10	344.68	350.90	359.53	369.31
G 10.0	323.57	327.74	334.51	339.82	348.33	356.93	366.48
G 11.0	320.32	324.79	329.39	335.35	343.67	351.94	364.66
G 12.0	317.77	320.25	325.50	330.34	339.79	348.78	361.99
G 13.0	315.38	317.30	321.82	327.80	335.02	347.07	359.79
G 14.0	311.55	315.14	318.84	325.87	333.00	343.57	357.66
G 15.0	308.68	312.07	316.46	321.75	330.56	341.17	355.35
G 16.0	304.57	308.98	313.59	319.20	325.97	336.64	352.43
G 17.0	300.39	305.55	309.10	314.87	322.47	332.67	350.13
G 18.0	296.48	301.95	305.99	310.41	319.36	331.11	348.24
G 19.0	290.76	296.35	302.13	307.47	313.44	327.41	346.33
G 20.0	285.90	292.94	299.07	302.89	310.86	325.09	345.20
G 21.0	281.49	289.29	296.26	299.93	308.60	321.97	343.70
G 22.0	277.90	287.81	292.12	297.19	305.34	321.13	342.19
G 23.0	272.48	283.96	290.10	293.70	304.44	319.92	341.54
G 24.0	263.83	280.54	286.71	292.12	301.60	316.37	340.76
G 25.0	250.25	273.75	282.68	290.35	300.49	314.93	336.07
G 26.0	235.02	263.94	278.67	288.15	298.25	312.23	333.00
G 27.0	217.50	254.71	275.29	285.87	295.60	309.31	332.91
G 28.0	200.10	242.59	271.66	282.53	292.06	307.77	331.32
G 29.0	182.05	230.83	267.22	279.28	290.74	306.03	331.02
G 30.0	162.67	216.48	261.12	276.42	289.09	305.11	331.34
G 31.0	144.02	201.68	250.99	272.74	286.26	302.13	332.26
G 32.0	124.95	185.09	239.50	267.75	283.03	300.40	332.46
G 33.0	107.47	167.03	227.20	261.95	280.70	298.11	331.67
G 34.0	90.51	148.88	212.99	255.57	278.05	296.40	329.58
G 35.0	77.52	130.81	200.13	251.04	273.67	294.50	328.78
G 36.0	67.43	112.91	185.61	241.44	268.86	290.14	325.74
G 37.0	60.65	97.65	171.03	231.58	262.76	285.47	319.95
G 38.0	56.58	85.28	154.79	219.38	256.40	280.19	316.44
G 39.0	53.60	75.58	137.93	203.76	249.00	275.34	311.70
G 40.0	51.61	68.00	120.83	190.04	242.01	271.63	305.49
G 41.0	50.05	62.91	105.51	176.08	236.09	265.33	302.18
G 42.0	48.68	58.16	91.05	164.04	229.34	260.85	298.33
G 43.0	48.04	55.03	80.66	152.98	222.52	255.13	296.31
G 44.0	47.45	52.67	72.15	140.32	215.29	252.92	295.24
G 45.0	46.53	51.02	65.55	126.59	205.25	249.76	291.86
G 46.0	45.43	49.75	60.53	113.18	195.40	244.66	291.07
G 47.0	44.23	48.34	57.04	99.02	184.95	241.95	290.57
G 48.0	43.50	46.97	53.39	87.94	174.06	239.17	293.01
G 49.0	42.24	46.38	51.38	77.35	162.53	236.84	294.05
G 50.0	40.72	45.01	49.46	71.24	151.21	232.58	295.88
G 51.0	39.50	44.24	48.09	66.12	137.46	226.25	297.13
G 52.0	38.70	43.60	47.73	62.66	123.41	215.50	293.60
G 53.0	38.23	42.30	47.18	59.96	108.95	201.11	285.76
G 54.0	37.51	41.34	46.74	57.24	96.90	187.63	276.53
G 55.0	36.52	39.75	45.34	56.09	87.72	175.71	269.84
G 56.0	35.26	38.48	43.85	54.35	82.09	167.91	268.24
G 57.0	34.35	37.27	42.48	53.52	77.23	161.34	272.67
G 58.0	33.47	36.92	41.43	51.89	75.20	155.17	275.72
G 59.0	32.23	36.15	39.75	49.51	73.28	149.10	275.73
G 60.0	31.63	34.81	38.36	47.66	71.21	142.53	276.36
G 61.0	30.66	33.57	36.34	45.02	70.11	137.02	274.18
G 62.0	29.47	32.14	34.93	42.65	68.34	131.79	270.79
G 63.0	27.85	30.77	33.21	40.59	66.79	126.86	265.54
G 64.0	26.55	29.84	32.30	38.61	64.09	121.36	258.20
G 65.0	25.78	28.64	30.97	36.74	60.98	115.75	250.37
G 66.0	24.80	27.85	30.39	34.99	56.34	111.16	238.08
G 67.0	24.01	27.13	29.27	32.55	51.41	105.90	223.87
G 68.0	23.25	26.37	28.26	30.96	45.86	99.71	204.40
G 69.0	22.61	25.55	26.90	29.26	40.85	93.05	182.63
G 70.0	22.04	24.21	25.35	27.67	36.76	83.31	158.61
G 71.0	21.05	22.84	23.74	25.61	33.32	71.07	132.04
G 72.0	20.15	21.38	22.18	23.74	29.44	56.68	104.96

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 7/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 73.0	164.44	273.64	313.26	284.02	235.17	152.49	79.06	41.55	30.86	25.58	22.76	20.28	18.74
G 74.0	118.34	206.23	245.67	226.89	189.81	121.22	62.10	34.95	27.17	22.91	20.95	18.66	17.60
G 75.0	81.73	147.97	179.87	169.52	146.95	93.88	48.81	29.48	23.68	20.70	19.28	17.16	16.02
G 76.0	56.49	101.58	125.64	121.32	108.15	71.23	39.73	24.94	20.98	18.34	17.33	15.85	14.73
G 77.0	39.96	68.53	85.11	83.91	77.02	52.14	32.18	20.94	18.33	16.67	15.48	14.42	13.65
G 78.0	29.96	47.14	58.33	57.61	53.56	37.00	24.94	17.95	16.30	15.12	13.92	12.84	12.21
G 79.0	23.15	34.29	42.39	40.34	38.04	26.71	19.87	15.27	14.13	13.17	12.39	11.19	11.11
G 80.0	17.82	26.71	31.79	29.25	26.85	19.70	15.44	12.85	12.10	11.54	10.75	9.62	9.62
G 81.0	13.11	20.28	24.32	21.93	20.02	15.27	11.96	10.36	10.08	9.48	9.17	8.03	8.30
G 82.0	8.95	14.98	18.20	15.99	14.86	11.69	9.00	8.30	8.48	7.60	7.51	6.78	6.98
G 83.0	5.74	10.36	12.83	11.45	10.42	8.33	6.60	6.26	6.73	5.85	6.08	5.49	5.75
G 84.0	3.28	6.45	8.35	7.95	7.07	5.64	4.60	4.52	4.90	4.43	4.77	4.41	4.50
G 85.0	1.58	3.63	4.71	4.49	4.09	3.45	3.07	3.16	3.23	3.24	3.36	3.29	3.46
G 86.0	0.71	1.77	2.38	2.17	2.05	1.77	1.70	1.81	1.90	2.09	2.12	2.23	2.33
G 87.0	0.18	0.78	0.97	0.77	0.83	0.80	0.80	0.86	0.94	0.99	1.14	1.18	1.31
G 88.0	0.05	0.20	0.25	0.14	0.22	0.24	0.28	0.28	0.39	0.38	0.44	0.45	0.63
G 89.0	0.01	0.04	0.07	0.03	0.04	0.05	0.06	0.09	0.11	0.07	0.13	0.11	0.19
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 8/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 73.0	17.15	16.90	15.63	15.20	14.33	13.68	14.20	15.00	16.02	17.02	18.10	19.30	20.35
G 74.0	15.91	15.86	14.81	14.24	13.23	13.14	13.20	14.19	14.90	15.97	16.54	17.36	18.78
G 75.0	14.96	14.95	13.55	13.13	12.16	12.14	12.26	13.14	13.71	14.46	15.18	16.10	17.35
G 76.0	14.03	13.60	12.51	12.18	10.88	11.51	11.14	11.93	12.56	12.87	13.84	14.88	15.95
G 77.0	13.01	12.34	11.49	11.05	9.64	10.69	10.13	11.04	11.09	11.67	12.56	13.59	14.58
G 78.0	11.70	11.06	10.01	9.97	8.80	9.39	8.69	10.03	10.15	10.80	11.07	12.17	12.77
G 79.0	10.21	10.03	8.96	8.72	8.21	8.55	7.48	8.95	8.94	9.68	9.89	10.55	11.30
G 80.0	8.76	8.97	7.88	7.80	7.24	7.76	6.75	7.95	7.88	8.62	8.53	9.28	9.72
G 81.0	7.45	7.75	6.97	6.70	6.46	6.66	6.35	7.01	7.22	7.38	7.64	8.05	8.22
G 82.0	6.46	6.56	6.18	5.79	5.66	5.87	5.67	5.88	6.37	6.24	6.63	6.68	6.98
G 83.0	5.57	5.63	5.21	4.89	4.91	5.14	5.07	4.80	5.56	5.36	5.48	5.46	6.09
G 84.0	4.59	4.57	4.14	4.09	4.30	4.34	4.09	4.09	4.52	4.56	4.38	4.63	4.92
G 85.0	3.53	3.53	3.43	3.32	3.52	3.70	3.40	3.37	3.57	3.56	3.51	3.68	3.72
G 86.0	2.44	2.52	2.47	2.61	2.49	3.01	2.67	2.68	2.58	2.77	2.64	2.55	2.33
G 87.0	1.31	1.58	1.54	1.69	1.72	2.12	1.81	1.80	1.46	1.75	1.62	1.43	1.20
G 88.0	0.57	0.77	0.82	0.93	0.87	1.23	0.97	0.92	0.72	0.79	0.76	0.62	0.49
G 89.0	0.17	0.27	0.24	0.32	0.21	0.54	0.38	0.30	0.20	0.28	0.17	0.22	0.12
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 9/18**

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 73.0	23.10	25.55	29.79	41.12	78.31	152.24	236.24	284.22	312.93	270.23	165.29	80.27	43.58
G 74.0	21.38	23.87	26.65	33.99	61.92	120.40	191.69	225.91	245.85	204.86	119.57	60.45	33.22
G 75.0	19.11	21.11	23.58	28.69	49.25	93.43	146.92	168.39	181.25	146.81	82.65	46.78	25.69
G 76.0	17.14	19.06	20.70	24.50	38.92	70.47	109.13	119.53	125.03	100.69	57.08	36.77	20.30
G 77.0	15.62	17.05	17.90	20.59	30.64	51.78	77.63	83.44	85.70	68.67	40.24	29.17	16.20
G 78.0	13.83	14.60	15.51	17.96	23.62	37.44	53.99	57.44	57.97	47.47	29.41	23.30	12.76
G 79.0	12.20	12.96	12.96	14.97	18.76	27.68	37.68	40.34	42.04	35.14	22.58	17.93	9.90
G 80.0	10.56	10.84	11.03	12.52	14.78	20.38	26.74	29.59	30.73	26.81	18.14	13.39	7.32
G 81.0	8.83	9.06	9.42	10.18	11.61	15.68	19.37	22.44	22.99	20.76	13.61	8.87	5.02
G 82.0	7.60	7.38	7.74	7.92	9.23	11.62	14.60	16.58	17.13	15.58	9.37	5.40	3.29
G 83.0	5.94	5.89	6.20	6.29	7.09	8.28	10.55	11.96	12.16	10.62	5.92	3.34	1.96
G 84.0	4.50	4.68	4.73	4.56	5.13	5.63	7.11	7.60	7.93	6.77	3.26	1.90	1.11
G 85.0	3.37	3.30	3.23	3.03	3.30	3.48	4.19	4.54	4.48	3.71	1.63	0.98	0.54
G 86.0	2.19	1.98	1.98	1.88	1.83	1.87	2.13	2.26	2.24	1.69	0.73	0.39	0.24
G 87.0	1.15	0.97	0.99	0.89	0.90	0.89	0.78	0.99	0.90	0.62	0.22	0.14	0.10
G 88.0	0.51	0.37	0.37	0.35	0.35	0.33	0.23	0.26	0.23	0.17	0.07	0.04	0.05
G 89.0	0.12	0.11	0.06	0.11	0.10	0.07	0.04	0.03	0.04	0.03	0.01	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 10/18**

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 73.0	25.23	21.15	20.25	18.67	19.11	18.41	16.63	13.11	9.96	7.34	6.48	5.63	5.50
G 74.0	22.39	18.39	18.30	17.13	17.21	16.90	15.27	11.44	8.61	6.05	5.41	4.50	4.43
G 75.0	19.31	15.96	16.10	14.70	14.90	14.49	13.27	9.52	6.98	4.76	4.33	3.72	3.46
G 76.0	15.74	13.36	13.77	12.72	12.17	11.95	10.71	7.55	5.29	3.84	3.26	2.71	2.52
G 77.0	12.79	10.85	11.07	10.19	9.60	9.17	7.64	5.61	3.82	2.91	2.42	2.08	1.90
G 78.0	9.80	8.51	8.50	7.62	7.06	6.36	5.31	3.65	2.58	1.91	1.54	1.35	1.43
G 79.0	7.53	6.53	6.38	5.29	4.70	4.04	3.37	2.14	1.61	1.13	1.02	0.81	0.89
G 80.0	5.61	4.48	4.41	3.45	2.86	2.17	1.80	1.10	0.84	0.54	0.57	0.33	0.42
G 81.0	3.92	2.96	2.68	2.03	1.47	1.07	0.80	0.58	0.39	0.30	0.26	0.15	0.16
G 82.0	2.43	1.70	1.45	1.02	0.63	0.43	0.35	0.24	0.13	0.05	0.12	0.04	0.06
G 83.0	1.32	0.84	0.64	0.37	0.25	0.14	0.13	0.07	0.03	0.02	0.05	0.02	0.03
G 84.0	0.63	0.35	0.31	0.14	0.10	0.05	0.06	0.04	0.03	0.03	0.01	0.01	0.03
G 85.0	0.30	0.15	0.12	0.06	0.06	0.02	0.03	0.02	0.02	0.01	0.01	0.01	0.02
G 86.0	0.11	0.07	0.05	0.04	0.05	0.01	0.02	0.02	0.01	0.02	0.02	0.01	0.02
G 87.0	0.03	0.04	0.02	0.02	0.05	0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.02
G 88.0	0.01	0.03	0.01	0.01	0.04	0.01	0.00	0.01	0.00	0.03	0.01	0.01	0.02
G 89.0	0.01	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 11/18**

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 73.0	4.30	4.54	4.70	4.60	4.89	5.26	5.59	6.68	7.63	9.56	13.22	16.71	18.04
G 74.0	3.53	3.64	3.88	3.71	3.91	4.40	4.45	5.71	6.42	8.41	11.55	14.99	16.47
G 75.0	2.83	2.77	2.97	2.84	3.08	3.61	3.54	4.58	5.18	7.01	9.80	12.91	14.27
G 76.0	2.19	2.14	2.30	2.20	2.42	2.73	2.63	3.32	3.80	5.60	7.45	10.44	11.65
G 77.0	1.65	1.64	1.61	1.73	1.83	1.97	1.77	2.18	2.74	3.96	5.41	7.79	8.97
G 78.0	1.14	1.26	1.22	1.23	1.25	1.25	1.32	1.41	1.82	2.70	3.54	5.35	6.25
G 79.0	0.70	0.83	0.73	0.84	0.78	0.79	0.78	0.84	1.14	1.60	2.10	3.27	3.96
G 80.0	0.37	0.38	0.37	0.37	0.34	0.34	0.43	0.46	0.62	0.93	1.17	1.79	2.29
G 81.0	0.16	0.16	0.14	0.13	0.13	0.12	0.14	0.20	0.27	0.42	0.49	0.84	0.98
G 82.0	0.06	0.06	0.02	0.07	0.05	0.05	0.04	0.10	0.12	0.20	0.22	0.28	0.36
G 83.0	0.03	0.03	0.01	0.03	0.03	0.02	0.04	0.07	0.06	0.07	0.09	0.09	0.13
G 84.0	0.02	0.04	0.02	0.03	0.01	0.01	0.03	0.04	0.03	0.02	0.04	0.04	0.04
G 85.0	0.01	0.04	0.02	0.03	0.01	0.02	0.02	0.02	0.01	0.02	0.02	0.04	0.03
G 86.0	0.01	0.03	0.03	0.02	0.00	0.02	0.02	0.02	0.01	0.02	0.01	0.03	0.02
G 87.0	0.01	0.03	0.03	0.01	0.01	0.02	0.03	0.01	0.02	0.02	0.02	0.01	0.02
G 88.0	0.01	0.01	0.02	0.01	0.01	0.02	0.03	0.01	0.01	0.02	0.01	0.01	0.01
G 89.0	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.00	0.01	0.01	0.01	0.01	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 12/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 73.0	18.80	19.62	20.54	21.84	26.10	43.79	80.71
G 74.0	17.54	17.30	18.58	19.72	22.74	33.74	60.91
G 75.0	15.43	15.31	15.64	17.00	19.02	26.38	47.53
G 76.0	12.50	12.81	13.43	14.04	15.60	20.21	37.09
G 77.0	9.58	10.20	10.78	11.49	12.28	16.07	29.65
G 78.0	6.97	7.82	8.42	9.07	9.60	12.34	23.25
G 79.0	4.72	5.51	6.36	6.73	7.46	9.62	17.82
G 80.0	3.00	3.55	4.17	4.83	5.50	6.90	13.24
G 81.0	1.63	1.99	2.56	3.03	3.72	4.68	8.90
G 82.0	0.78	0.97	1.30	1.74	2.28	3.08	5.46
G 83.0	0.29	0.41	0.60	0.89	1.35	1.80	3.23
G 84.0	0.12	0.17	0.28	0.44	0.67	0.97	1.75
G 85.0	0.08	0.05	0.18	0.17	0.36	0.51	0.95
G 86.0	0.07	0.04	0.08	0.05	0.14	0.24	0.39
G 87.0	0.05	0.03	0.06	0.02	0.07	0.11	0.11
G 88.0	0.02	0.02	0.04	0.01	0.04	0.02	0.03
G 89.0	0.01	0.01	0.02	0.01	0.02	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 13/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 14/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm Tabella 15/18

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm Tabella 16/18

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm Tabella 17/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	ITALO 1 0F3 STE-S 4.5-4M	Codice	L-IT1-0F3-4000-525-4M
Nome	ITALO 1 0F3 STE-S 4.5-4M	Nome	ITALO 1 0F3 STE-S 4.5-4M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	8770.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 18/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Rapporto di rilievo
Test Report

Costruttore *(Manufacturer)*	AEC ILLUMINAZIONE SRL Via Righi, 4 Castelnuovo di Subbiano (AR)
Tipo di prodotto *(Product type)*	Apparecchio di illuminazione per esterni *(Outdoor lighting fixture)*
Codice fotometria *(Photometry code)*	ITALO 1 0F3 STE-S 4.50-1M
Rilievo fotometrico *(Photometric measurement)*	ITALO 1 0F3 STE-S 4.50-1M
Descrizione apparecchio *(Fitting description)*	ITALO 1 0F3 STE-S 4.50-1M
Data delle prove *(Date of test)*	01-04-2014

Responsabile laboratorio fotometrico *(Photometric Laboratory manager)*	Luca Vagheggi	
Tecnico laboratorio che ha eseguito la misura *(Laboratory operator)*	Alessio Vagheggi	

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

Documentazione e Allegati
(Documentation and Annex)

Rapporto di Rilievo *(Test Report)*	**Descrizione generale** *(General description)*	
	Responsabile laboratorio fotometrico *(Photometric Laboratory Manager)*	
	Oggetto delle prove *(Object of the tests)*	
	Dati apparecchio *(Luminaire data)*	
	Normative di riferimento *(Reference standards)*	
	Condizioni di prova e strumentazione di misura *(Test conditions and measurement instruments)*	
	Dati rilievo *(Test data)*	
	Incertezza strumentale *(Instrumental accuracy)*	
Allegati *(Annex)*	**Matrice delle Intensità (cd/Klm)** *(Intensity table)*	√
	Diagramma Polare *(Polar diagram)*	√
	Diagramma Cartesiano *(Cartesian diagram)*	
	Classificazione Energetica *(Energy saving classification)*	
	Isolux *(Isolux diagram)*	
	Isocandela *(Isocandle diagram)*	
	Classificazione Strade *(Street classification)*	
	Classificazione Strade IES TM-15 *(IES TM-15 street classification)*	
	File Fotometrico Eulumdat *(Eulumdat photometric file)*	
	File Fotometrico IES *(IES photometric file)*	

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

OGGETTO DELLE PROVE

(Object of tests)

Costruttore *(Manufacturer)*	AEC ILLUMINAZIONE SRL
Tipo di prodotto *(Product type)*	Apparecchio di illuminazione per esterni *(Outdoor lighting fixture)*
Codice fotometria *(Photometry code)*	ITALO 1 0F3 STE-S 4.50-1M
Rilievo fotometrico *(Photometric measurement)*	ITALO 1 0F3 STE-S 4.50-1M
Descrizione apparecchio *(Fitting description)*	ITALO 1 0F3 STE-S 4.50-1M
Data delle prove *(Date of test)*	01-04-2014
Numero di esemplari provati *(Number of test samples)*	1
Numero rilievi *(Number of measurements)*	1

DATI APPARECCHIO

(Fitting data)

Geometria apparecchio *(Fitting shape)*	Rettangolare *(Rectangular)*
Dimensioni apparecchio *(Fitting dimensions)*	615x343x106 mm
Dimensioni area luminosa *(Luminous area dimensions)*	60x110 mm
Tipo sorgente *(Type of source)*	3 LED 4000K CRI70min.
Efficienza nominale sorgente *(Rated source efficiency)*	140lm/W@525mA Tj=85°C
Flusso e potenza apparecchio *(Luminaire luminous flux and input power)*	2040lm_20W
Efficienza sistema *(System efficiency)*	102 lm/W

NORMATIVE DI RIFERIMENTO

(Reference standards)

Normative di riferimento *(Reference standards)*	UNI EN 13032-1:2012 "Misurazione e presentazione dei dati fotometrici di lampade e apparecchi di illuminazione" Parte1: Misurazione e formato di file. *UNI EN 13032-1:2012 "Measurement and presentation of photometric data of lamps and luminaires" Part1: Measurement and file format.* UNI 11356:2010 "Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED"
Valutazione luce parassita *(Light inside evaluation)*	In accordo con Annex A UNI EN 13032-1 *(According to Annex A UNI EN 13032-1)*

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

CONDIZIONI DI PROVA E STRUMENTAZIONI DI MISURA

(Test conditions and measuring instruments)

Laboratorio fotometrico *(Photometric laboratory)*	Interno AEC ILLUMINAZIONE srl, in regime di sistema di qualità aziendale certificato ISO 9001:2008, certificato UL *(Internal AEC ILLUMINAZIONE srl, under ISO 9001:2008 quality system and UL certified)*			
Condizioni ambientali *(Environmental conditions)*	Temperatura ambiente 25°+/-1° C *(Ambient temperature)*			
	Umidità relativa 50+/-5% *(Relative humidity)*			
	Movimento aria nell'area di prova <0.2m/s *(Air flow in the test area)*			
Condizioni geometriche di misura *(Geometrical test conditions)*	In conformità alla UNI EN 13032-1:2012, alla UNI 11356:2010 e alle specifiche tecniche dello strumento di misura ed alle specifiche tecniche dell'apparecchio in prova. *(According to UNI EN 13032-1:2012,UNI 11356:2010 and technical specification of measuring instrument and technical specification of fixture under test.)*			
Goniofotometro *(Goniophotometer)*	A rotazione dell'apparecchio secondo EN 13032 e raccomandazione CIE 121 *Rotational according to EN 13032 and CIE 121 raccomandation*			
	☐ LAB 1	PRC KROCHMAN 702		
	☑ LAB 2	Oxytech T2		
	Distanza di misura *(Measuring distance)*	☑ 9.03m	☐ 14m	☐ 17m
Wattmetro *(Power meter)*	☐ Stabilizzatore/Analizzatore AGILENT 6812B *(AC source stabilizer/analyzer AGILENT 6812B)* ☑ Wattmetro Kinetiq N4L PPA2510 *(Kinetiq N4L PPA2510 Power Analyzer)*			
Luxmetro *(Luxmeter)*	☑ C&G			
Alimentazione campione in prova *(Power supply of tested sample)*	☐ Stabilizzatore/Analizzatore AGILENT 6812B *(AC source stabilizer/analyzer AGILENT 6812B)* ☑ Stabilizzatore ELETTROTEST TPS/M 6000 *(Stabilizer ELETTROTEST TPS/M)*			
	Tensione di alimentazione 230V+/-0.2% *(AC power supply voltage)*			
	Frequenza di alimentazione 50Hz+/-0.1% (AC power supply frequency)			
	Distorsione armonica <0.5% *(Harmonic distortion)*			

I risultati delle verifiche e prove qui riportati, si riferiscono esclusivamente agli esemplari esaminati e descritti nella presente Relazione. L'estensione del riferimento ad esemplari che non siano quelli sottoposti alle verifiche descritte in seguito esula dallo scopo delle verifiche stesse. E' vietata la riproduzione integrale o parziale senza l'autorizzazione scritta di Aec illuminazione srl. L'immagine dell'apparecchio nella prima pagina è puramente indicativa della tipologia di apparecchio sottoposto a test.

(Result of tests and verification here reported are solely recere to the samples under test and described in this report. Scope of tests described in this report cannot be extended to other samples different to those referred. Partial or integral reproduction or copy of this report is forbidden without written authorization by AEC Illuminazione srl.) The image of the luminaire on the first page is merely indicative of the kind of luminaire under test.

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

DATI RILIEVO

(Measurement data)

Posizione di Misura *(Measurement position)*	Verticale *(Vertical)*
Tipo di rilievo *(Measurement type)*	C-Gamma
Tempo di stabilizzazione *(Time of stabilization)*	45 minuti *(45 minutes)*
Stabilizzazione flusso *(Flux stabilization)*	In accordo alla UNI 11356:2010 e EN 13032-1:2012, stabilità raggiunta con variazioni di flusso <1% *According to UNI 11356:2010 and EN 13032-1:2012, less than 1% of luminous flux variation*
Stabilizzazione Potenza *(Power stabilization)*	In accordo alla UNI 11356:2010 e EN 13032-1:2012, stabilità raggiunta con variazioni di flusso <1% *According to UNI 11356:2010 and EN 13032-1:2012,less than 1% of input power variation*

INCERTEZZA STRUMENTALE

(Instrumental accuracy)

Encoder goniofotometro Oxytech T2 *(Goniophotometer Oxytech T2 encoder)*	Precisione angolare in C – gamma *(C-gamma angular precision)*	± 0.044°
Luxmetro C&G *(C&G luxmeter)*	f1'	< 1,23%
Wattmetro Kinetiq N4L PPA2510 *(Kinetiq N4L PPA2510 power analyzer)*	Accuratezza di potenza *(Power accuracy)*	< [0.05% + 0.03%/pf +(0.01%/kHz)/pf] Rdg + 0.05%VA Rng

AEC testing laboratory is recognized by UL for photometric testing in accordance with the following standards: UNI EN 13032-1:2012 Measurement and presentation of photometric data of lamps and luminaires Part1: Measurement and file format, UNI 11356:2010 Caratterizzazione fotometrica degli apparecchio di Illuminazione a LED, IES LM-79-08 "Electrical and Photometric Measurements of Solid-State Lighting Products sec.9, 9.1, 9.2, 12, 12.1 "(Test method for total luminous flux and colour quantities measurement)

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm
Valore Massimo	651.37 cd/klm	Posizione	C=150.00 G=56.00	Asimmetrico	

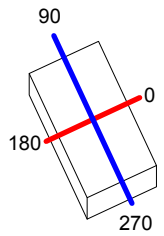
Apparecchio Rettangolare	Lung. 615 mm	Larg. 343 mm	Alt. 106 mm		
Area Luminosa Rettangolare	Lung. 60 mm	Larg. 110 mm	Alt. 0 mm		
Area Luminosa Orizzontale	0.006600 m2	Area Luminosa Piano 180°	0.000000 m2		
Area Luminosa Piano 0°	0.000000 m2	Area Luminosa Piano 270°	0.000000 m2		
Area Luminosa Piano 90°	0.000000 m2	Area Luminosa a 76°	0.001597 m2		
Tipo di Simmetria	Asimmetrico	Massimo Angolo Gamma	180		
Distanza di rilievo	0.00	Flusso di rilievo	2040.00 lm		
Operatore	Alessio Vagheggi	Tensione alimentazione			
Temperatura	25.00 °C	Corrente di alimentazione			
Umidità		Fotocellula			
Note					

Lampade Apparecchio

Archivio	Codice	Nome	Flusso [lm]	Pot. [W]	Q.tà
Eulumdat	L-IT1-0F3-4000-500-1M	L-IT1-0F3-4000-500-1M - 20.00 W	2040.00	20.00	1

C.I.E.	47 82 98 100 100	D DIN 5040	A30
F UTE	1.00 F	B NBN	BZ 5 / 0.8 / BZ 4

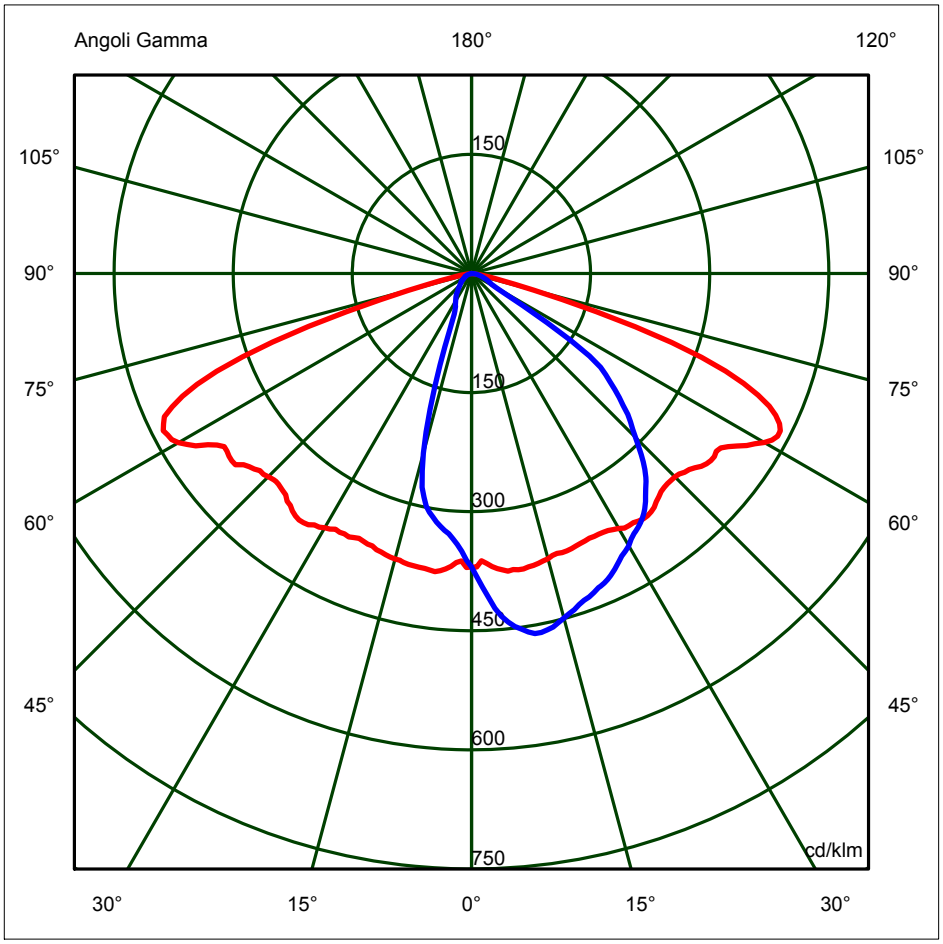
615mm x 343mm



Semipiani C

180.0 — 0.0

270.0 — 90.0



ULOR	0.00 %
DLOR	100.00 %
RN	0.00 %

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 1/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	369.58	370.42	371.10	372.24	373.09	374.09	374.66	375.97	376.66	377.59	378.31	378.90	379.66
G 2.0	361.95	364.65	366.34	369.36	372.50	375.43	378.43	380.57	382.75	384.69	386.75	388.25	389.87
G 3.0	365.59	368.04	370.08	373.25	375.52	377.68	379.69	381.56	382.65	384.27	389.72	395.27	399.63
G 4.0	369.83	372.33	375.64	378.79	382.89	386.15	388.60	391.36	394.21	397.02	399.95	401.67	405.09
G 5.0	373.00	376.98	382.24	386.49	389.92	393.76	397.95	401.00	404.33	406.80	409.70	412.12	413.58
G 6.0	375.35	380.35	385.86	390.57	395.77	401.18	405.47	409.75	412.38	415.93	417.37	419.79	420.90
G 7.0	377.71	383.89	390.42	397.09	402.21	409.06	414.29	420.14	423.91	426.00	426.50	425.71	426.17
G 8.0	376.49	386.44	393.33	401.90	409.01	417.01	423.11	429.33	432.88	434.29	434.92	433.84	433.88
G 9.0	377.76	388.54	397.88	407.41	416.62	426.02	431.47	437.57	442.31	443.03	443.23	443.16	440.94
G 10.0	377.75	389.08	401.06	410.65	421.84	429.53	437.86	443.84	449.21	450.60	450.38	448.06	445.41
G 11.0	376.24	389.08	402.75	413.85	425.22	434.71	442.55	448.09	452.89	454.06	455.98	454.28	450.00
G 12.0	375.84	389.09	405.10	418.66	429.27	438.01	446.62	450.45	454.37	457.56	457.21	454.54	452.09
G 13.0	374.56	389.98	405.76	422.56	432.74	442.93	448.43	454.08	457.79	458.14	458.57	454.49	452.27
G 14.0	373.04	389.61	407.56	425.21	437.32	447.33	450.13	455.29	456.62	459.62	458.11	456.09	451.69
G 15.0	371.91	389.45	407.11	425.38	439.70	447.77	453.28	456.02	456.26	459.56	457.69	454.12	450.40
G 16.0	369.30	389.61	408.47	427.08	440.07	448.28	453.83	455.64	456.41	457.59	457.47	454.36	449.89
G 17.0	368.46	391.26	410.02	427.24	441.78	449.30	453.97	453.44	455.41	453.66	453.75	451.10	447.36
G 18.0	369.44	392.22	410.91	429.50	443.42	449.46	451.60	452.67	453.53	452.94	452.12	449.10	445.93
G 19.0	369.28	392.82	412.34	430.95	443.08	448.52	451.47	450.65	452.55	451.76	448.99	447.37	441.22
G 20.0	368.63	392.42	413.09	431.59	444.24	449.06	449.85	449.07	450.62	449.93	447.98	444.86	439.30
G 21.0	367.43	392.94	414.76	433.18	442.98	447.30	446.93	447.36	448.18	445.16	444.54	441.70	437.69
G 22.0	366.49	391.87	416.23	432.88	442.55	447.07	447.86	445.43	445.81	444.12	440.24	437.83	433.24
G 23.0	365.87	391.79	417.59	433.34	444.97	444.66	444.70	443.26	442.19	439.26	437.90	434.39	432.02
G 24.0	364.92	392.90	418.11	435.43	444.74	447.09	443.47	439.98	437.65	436.81	435.17	431.66	431.18
G 25.0	365.40	393.76	420.78	437.32	443.48	445.50	442.74	434.88	432.46	434.20	432.48	428.06	427.00
G 26.0	365.23	396.22	423.96	438.47	440.98	442.83	438.29	429.60	427.80	429.66	431.01	424.60	425.15
G 27.0	365.68	399.04	425.36	440.33	440.84	440.49	433.45	425.97	424.42	425.06	425.86	420.24	420.07
G 28.0	366.46	399.34	427.91	441.24	441.74	436.37	429.85	422.77	420.22	421.10	421.32	416.75	416.64
G 29.0	368.57	403.89	429.84	444.05	442.14	435.38	426.80	417.69	417.09	418.27	419.28	414.39	413.48
G 30.0	370.73	406.96	433.46	445.27	442.03	432.10	423.96	416.46	412.82	415.80	415.38	411.67	410.57
G 31.0	373.98	410.77	437.01	447.38	440.28	429.51	423.29	411.65	409.72	411.80	412.72	410.28	408.18
G 32.0	374.32	414.06	440.64	447.04	441.07	425.77	420.20	409.31	406.69	407.70	409.62	405.85	403.38
G 33.0	374.13	418.40	444.60	447.94	442.81	422.86	415.28	405.65	404.55	404.64	405.79	401.80	398.73
G 34.0	375.92	423.03	448.52	448.28	441.83	420.71	410.80	401.63	402.86	399.38	402.34	396.07	396.32
G 35.0	377.25	425.85	449.52	445.98	437.64	416.51	406.11	399.26	399.06	398.76	398.35	393.59	393.07
G 36.0	377.09	427.56	451.34	446.38	433.31	411.60	399.81	395.38	396.14	396.83	395.31	389.75	389.42
G 37.0	375.76	425.80	452.25	448.11	430.28	410.09	396.79	394.58	393.92	393.83	391.14	384.94	385.65
G 38.0	373.50	424.71	451.07	447.97	428.98	406.73	393.32	391.59	392.73	391.15	387.30	382.20	379.99
G 39.0	369.76	422.00	449.76	449.86	428.09	405.56	394.25	391.28	391.65	389.74	384.08	377.03	372.96
G 40.0	366.94	420.41	449.04	450.03	428.27	406.59	395.09	391.89	393.88	388.64	382.14	372.71	366.55
G 41.0	363.97	419.80	448.53	448.85	428.53	407.74	398.87	394.47	395.92	390.86	381.21	368.22	360.90
G 42.0	362.53	421.58	446.76	448.58	428.17	411.32	401.25	398.07	396.77	390.20	378.72	365.68	355.75
G 43.0	361.85	422.37	446.82	448.21	430.78	414.83	407.89	403.60	400.48	392.37	377.56	361.42	350.11
G 44.0	361.92	423.27	449.23	449.40	433.28	420.99	413.90	411.20	405.51	396.02	376.96	356.79	345.41
G 45.0	362.12	425.16	453.13	453.07	438.55	429.42	424.90	424.39	413.21	398.93	378.34	354.55	339.40
G 46.0	363.50	428.12	458.46	461.36	449.01	440.05	435.98	438.35	426.63	406.89	382.53	354.16	333.77
G 47.0	366.83	431.30	464.75	470.28	458.32	453.48	450.66	455.92	442.28	417.76	385.89	353.68	329.17
G 48.0	368.98	434.07	472.50	481.90	473.70	469.76	472.21	478.30	461.70	430.24	390.75	350.99	322.92
G 49.0	372.74	436.23	479.70	494.91	493.80	490.17	497.54	501.94	480.84	440.01	393.77	344.72	312.16
G 50.0	377.66	442.91	485.27	508.18	511.56	512.58	522.37	527.06	500.60	449.27	392.72	336.27	299.56
G 51.0	380.80	448.80	492.39	521.07	530.16	539.32	548.32	551.46	515.01	453.65	385.39	324.62	285.48
G 52.0	382.55	456.38	503.25	534.86	550.05	565.95	577.85	570.84	526.68	453.21	376.55	307.62	268.50
G 53.0	382.96	463.10	511.73	548.22	569.61	593.09	602.24	588.00	533.45	448.03	360.84	289.90	253.02
G 54.0	380.95	467.02	522.31	562.26	587.68	615.42	625.61	601.60	533.72	432.98	339.10	269.83	237.19
G 55.0	383.06	471.13	528.38	570.99	600.83	631.42	643.69	608.46	528.31	411.31	316.18	248.73	222.42
G 56.0	389.84	477.07	535.78	576.27	606.48	639.68	651.17	606.67	510.20	379.54	287.85	229.00	206.97
G 57.0	398.65	486.52	543.65	582.07	608.39	640.66	649.47	594.20	482.46	344.85	258.39	211.55	192.06
G 58.0	408.70	500.04	556.74	591.08	611.09	635.65	638.51	569.77	447.41	310.23	234.19	194.53	172.19
G 59.0	416.31	514.14	573.98	600.76	613.95	625.11	611.21	530.09	404.59	276.06	212.68	173.36	145.71
G 60.0	425.63	526.20	586.36	611.26	618.66	610.24	577.23	480.05	357.50	244.16	190.82	146.25	112.30
G 61.0	432.56	534.99	595.49	617.27	619.14	593.59	537.62	421.85	305.60	213.94	164.26	113.13	78.62
G 62.0	436.55	541.26	603.56	621.42	614.45	573.84	494.60	363.49	256.36	181.87	133.17	83.25	54.10
G 63.0	436.49	543.75	605.49	620.03	602.58	546.74	448.95	310.18	211.04	147.10	99.95	59.71	40.16
G 64.0	431.54	540.66	602.86	610.99	585.48	513.80	404.42	263.36	171.16	112.97	71.29	44.62	35.35
G 65.0	422.54	536.00	596.17	599.13	561.39	474.74	358.66	223.10	136.34	83.52	52.11	38.06	32.84
G 66.0	410.43	527.18	584.37	580.38	532.96	434.59	313.83	186.33	107.07	62.62	42.49	34.73	30.83
G 67.0	391.95	514.96	568.91	556.75	499.99	395.82	271.19	153.54	82.65	49.70	38.01	32.19	28.83
G 68.0	369.65	493.26	545.08	525.65	461.58	352.97	234.21	124.00	65.31	42.73	34.90	30.19	27.03
G 69.0	342.74	465.35	512.00	487.14	426.09	313.15	197.80	97.29	53.08	38.25	32.71	27.82	25.36
G 70.0	308.33	429.55	472.76	440.30	382.50	273.33	163.78	77.49	45.61	34.08	30.61	25.75	24.17
G 71.0	266.60	386.27	427.57	393.30	334.47	231.42	131.86	61.41	40.21	31.22	27.62	23.87	21.93
G 72.0	216.83	335.26	374.33	340.99	285.64	190.88	102.67	49.70	35.22	28.01	24.92	21.92	20.31

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento 100.00% Sistema Coordinate CG Flusso Totale 2040.00 lm

Tabella Intensità Luminose - cd/klm Tabella 2/18

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	380.12	380.55	380.58	381.60	381.80	381.98	382.24	382.69	382.63	382.50	381.95	380.70	380.47
G 2.0	391.94	393.03	393.74	394.29	394.36	394.94	394.62	395.21	394.97	393.66	392.82	390.70	389.79
G 3.0	402.69	404.38	406.41	407.62	409.02	408.48	407.94	408.63	407.33	405.50	403.76	401.50	397.63
G 4.0	412.88	417.20	419.90	421.92	423.14	422.72	420.71	419.84	418.68	416.13	413.13	405.13	402.33
G 5.0	415.69	423.45	428.29	431.94	432.37	433.31	432.40	429.58	426.43	422.99	414.97	413.99	413.05
G 6.0	421.25	422.63	433.93	437.55	440.10	441.42	439.97	438.43	434.70	426.17	425.78	424.81	421.85
G 7.0	427.81	430.75	436.92	443.32	446.09	447.89	447.22	444.53	439.18	433.10	433.04	433.10	432.27
G 8.0	432.81	434.65	436.13	446.29	450.95	452.20	453.29	448.99	438.23	440.09	438.24	439.41	441.07
G 9.0	440.11	440.40	438.97	450.41	455.66	457.12	456.04	450.73	441.46	443.96	444.13	444.30	445.84
G 10.0	443.95	442.15	441.03	449.86	458.18	460.47	458.34	449.98	441.80	444.27	445.58	448.11	449.87
G 11.0	445.96	443.60	441.01	445.76	457.40	460.44	458.27	447.91	441.81	442.85	447.24	450.86	453.01
G 12.0	448.05	444.79	441.20	439.34	455.31	458.89	456.20	440.87	441.06	444.15	448.30	454.82	454.72
G 13.0	449.39	446.08	439.87	435.53	450.77	456.87	452.68	438.48	439.84	444.33	450.26	454.18	456.92
G 14.0	447.91	443.82	437.12	434.87	446.00	452.96	447.57	434.91	437.53	441.93	447.93	453.70	457.37
G 15.0	447.50	440.85	434.22	432.37	444.03	449.25	443.63	432.36	433.31	439.66	446.34	450.86	453.70
G 16.0	443.79	437.80	429.50	428.73	441.25	445.71	438.40	426.89	431.51	438.15	442.60	449.30	452.15
G 17.0	442.95	434.19	428.39	426.26	437.73	442.81	436.09	425.06	429.04	435.21	440.38	445.94	449.84
G 18.0	439.65	434.25	426.16	422.71	433.31	438.45	431.54	422.22	427.81	432.73	439.89	444.59	449.79
G 19.0	437.30	431.59	424.15	421.16	429.85	435.33	428.05	419.62	426.88	431.41	437.23	443.89	445.09
G 20.0	435.91	431.30	424.22	418.55	426.26	433.37	424.58	417.91	425.60	428.57	435.25	441.97	442.14
G 21.0	433.34	427.94	421.45	417.37	421.98	430.22	421.41	416.29	424.81	428.58	434.12	439.92	439.97
G 22.0	431.76	424.44	420.06	412.88	418.40	426.65	418.16	417.13	421.11	426.65	431.60	436.27	438.23
G 23.0	428.86	422.64	417.34	410.88	414.03	424.96	413.02	413.92	419.09	422.62	428.30	432.17	435.88
G 24.0	425.66	420.72	414.51	409.68	409.12	421.22	410.04	410.36	417.45	420.71	425.00	429.22	431.27
G 25.0	425.39	417.60	413.07	406.99	405.27	417.84	405.66	408.75	414.99	418.87	424.38	427.41	427.50
G 26.0	422.00	416.12	411.72	405.20	400.14	412.85	401.63	404.64	413.94	416.96	421.60	424.28	426.81
G 27.0	421.02	414.24	409.60	403.91	395.16	408.08	396.67	401.00	411.93	415.56	419.84	422.22	424.09
G 28.0	419.01	413.55	407.35	401.40	393.89	403.01	392.70	398.33	407.03	412.59	416.19	419.10	419.67
G 29.0	413.12	410.09	404.33	398.36	388.22	399.74	390.40	396.52	403.66	410.94	412.30	415.70	416.14
G 30.0	411.39	406.65	401.00	394.50	384.04	395.95	387.75	394.07	399.64	408.32	410.69	411.88	411.86
G 31.0	406.16	405.23	398.93	389.79	380.69	390.18	382.83	390.68	396.24	406.45	407.55	408.68	409.03
G 32.0	402.35	401.35	395.47	386.77	377.62	386.26	380.30	385.91	394.31	402.74	403.21	405.01	405.97
G 33.0	398.51	396.78	391.49	385.51	376.45	382.99	377.41	384.12	392.24	400.00	399.96	400.03	402.31
G 34.0	395.20	392.07	385.71	381.47	372.63	379.75	375.38	380.81	388.16	393.90	395.20	396.19	398.75
G 35.0	390.37	388.11	381.47	378.36	369.27	375.76	370.45	376.77	384.63	389.18	390.21	393.28	394.89
G 36.0	386.34	384.11	375.78	371.59	362.90	369.76	363.99	371.03	377.87	385.01	386.41	390.66	390.80
G 37.0	379.03	379.09	370.90	365.89	357.01	363.80	357.30	363.41	372.06	379.31	381.19	386.18	387.01
G 38.0	374.62	374.22	364.40	358.86	351.43	355.95	349.50	357.72	366.19	372.96	376.22	379.45	382.74
G 39.0	368.27	367.75	359.21	352.28	343.18	348.49	343.05	352.23	359.02	365.40	369.62	375.10	376.83
G 40.0	361.70	359.80	352.14	343.75	334.99	341.72	335.05	344.84	349.86	357.38	361.15	369.70	371.54
G 41.0	355.03	351.87	343.10	335.31	324.37	333.76	326.77	335.94	341.94	348.60	352.89	363.53	367.80
G 42.0	346.54	342.54	332.76	326.18	316.38	324.53	317.71	327.44	332.16	340.60	345.72	357.35	364.98
G 43.0	337.94	332.52	321.56	317.43	309.33	313.85	309.28	317.91	324.25	330.48	339.04	349.72	360.63
G 44.0	330.82	324.24	311.44	306.44	300.73	303.32	298.83	307.67	314.20	321.40	331.60	343.33	357.92
G 45.0	322.38	313.14	299.54	295.38	289.43	292.00	288.27	294.31	303.02	312.72	323.46	338.36	356.32
G 46.0	313.14	302.02	288.83	284.52	278.20	282.01	277.93	284.38	292.93	302.20	315.33	333.05	354.71
G 47.0	304.32	292.72	277.32	274.87	266.74	273.80	267.74	274.36	280.69	291.43	306.01	326.94	352.81
G 48.0	295.31	279.96	267.14	263.27	256.11	264.90	256.40	263.13	268.42	280.11	296.24	320.76	350.11
G 49.0	283.62	267.72	257.53	253.27	244.34	252.67	245.04	252.13	256.65	269.33	284.10	310.73	343.81
G 50.0	269.95	256.36	246.04	243.10	234.42	242.91	234.67	241.55	246.08	256.62	272.22	297.65	335.44
G 51.0	256.81	243.67	234.97	232.70	224.61	232.13	225.29	231.83	237.41	243.98	258.43	283.26	323.97
G 52.0	242.25	232.06	224.46	222.70	216.03	221.04	216.04	222.28	228.64	232.15	244.78	268.83	312.54
G 53.0	230.70	221.46	215.37	211.75	206.48	211.59	205.59	213.48	217.00	221.56	232.82	251.45	293.69
G 54.0	218.95	210.62	205.85	199.89	195.42	200.78	194.14	202.98	204.06	210.68	221.02	234.51	274.02
G 55.0	206.77	200.46	191.81	183.64	175.87	181.35	174.68	186.32	188.44	199.05	208.36	219.87	253.24
G 56.0	191.53	183.08	166.29	158.03	145.60	150.33	145.00	159.48	164.28	181.67	192.83	206.22	232.11
G 57.0	171.38	156.39	131.83	121.68	107.85	112.97	107.87	122.26	130.54	155.64	171.15	191.63	213.58
G 58.0	142.70	121.01	93.44	83.17	71.76	76.27	72.38	82.90	93.82	121.84	141.86	171.74	195.90
G 59.0	108.04	83.93	62.69	54.17	47.18	49.97	46.85	53.61	62.76	85.33	107.07	144.61	172.88
G 60.0	75.15	56.03	43.51	38.66	35.10	36.69	34.68	37.90	43.73	57.44	74.71	110.52	146.69
G 61.0	51.48	40.59	35.28	33.55	30.96	31.25	30.73	33.21	35.48	41.58	51.55	78.10	113.92
G 62.0	39.76	34.77	32.07	30.68	28.84	28.93	28.44	30.55	31.42	35.12	38.93	53.10	83.78
G 63.0	34.55	32.21	29.28	28.77	26.61	26.59	26.42	28.07	29.49	32.13	34.12	40.14	59.33
G 64.0	32.47	29.95	27.61	26.89	24.55	24.90	24.45	25.90	27.54	29.74	31.99	35.01	44.37
G 65.0	30.38	28.03	26.06	25.15	23.38	23.85	23.07	24.38	25.92	27.65	30.37	32.15	37.68
G 66.0	28.48	26.25	24.17	23.62	22.21	22.91	21.63	22.78	24.23	26.51	28.32	30.08	33.94
G 67.0	26.42	24.80	22.99	22.23	21.15	21.56	20.43	21.35	22.75	24.79	26.55	28.59	32.07
G 68.0	24.91	23.46	21.59	20.89	19.66	20.33	19.29	20.21	21.86	23.37	25.02	26.37	30.02
G 69.0	23.15	21.80	20.78	19.72	18.15	18.81	18.11	18.71	20.47	21.76	23.20	24.96	27.91
G 70.0	21.72	20.41	19.39	18.63	16.97	17.15	17.32	17.69	19.39	20.30	21.95	23.64	26.08
G 71.0	20.20	19.23	17.89	17.30	15.68	16.15	15.94	16.90	18.22	19.43	20.47	22.31	24.31
G 72.0	18.61	17.94	16.79	16.40	14.99	14.65	15.23	16.02	16.97	18.08	19.80	20.72	22.01

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 3/18**

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	379.30	378.80	377.86	377.19	376.51	374.91	374.04	373.08	372.18	371.06	370.19	369.12	368.41
G 2.0	387.83	385.40	384.17	382.31	379.30	376.24	372.84	369.36	366.17	363.26	362.08	359.98	359.45
G 3.0	391.56	386.20	383.82	381.90	379.93	377.60	375.56	372.56	369.82	367.53	364.52	361.55	358.89
G 4.0	399.39	398.13	395.83	392.33	388.72	386.29	383.66	380.40	375.56	371.78	369.75	365.90	362.24
G 5.0	411.39	409.83	406.56	404.78	400.05	396.31	391.86	387.59	383.44	378.65	373.42	368.02	363.53
G 6.0	421.18	419.78	416.97	413.30	408.66	403.55	399.43	393.04	388.08	382.38	376.28	371.25	365.04
G 7.0	430.59	429.59	426.50	422.96	418.50	412.93	407.63	399.42	391.94	385.90	378.21	371.30	363.89
G 8.0	438.01	437.10	434.45	430.52	426.21	420.73	414.08	404.65	394.83	386.61	377.09	368.69	362.08
G 9.0	444.45	443.78	442.71	438.67	433.26	428.27	419.20	409.70	398.03	387.12	376.00	367.23	360.08
G 10.0	450.78	449.07	447.99	443.76	438.95	432.38	423.02	413.41	401.29	388.77	375.77	366.13	356.63
G 11.0	454.26	453.71	450.82	448.72	443.54	436.85	428.62	416.80	403.24	388.19	375.56	363.97	352.77
G 12.0	457.21	455.58	453.75	451.07	445.99	439.27	429.90	419.65	406.20	390.35	374.74	360.81	351.13
G 13.0	458.65	457.32	455.94	452.74	449.28	443.48	434.05	422.09	406.99	390.90	374.06	358.89	347.21
G 14.0	458.13	458.79	458.05	455.34	451.15	443.81	436.81	424.62	409.26	390.59	372.29	356.75	343.86
G 15.0	457.54	460.20	459.10	456.58	452.63	446.75	437.64	425.97	410.57	391.69	372.14	355.49	340.39
G 16.0	456.55	458.92	457.59	457.89	454.15	448.96	439.47	426.57	410.39	389.90	371.49	353.03	336.93
G 17.0	455.34	456.25	457.09	454.02	452.81	448.70	441.16	428.55	410.56	391.70	370.29	352.44	335.15
G 18.0	454.50	455.04	455.39	453.56	452.83	450.04	443.96	430.16	411.11	388.61	368.65	349.11	331.53
G 19.0	450.18	454.45	452.93	453.44	453.81	449.68	445.79	430.89	410.65	389.47	367.77	347.39	327.78
G 20.0	445.64	451.00	449.95	451.83	451.64	448.82	444.25	430.44	412.64	389.90	364.95	345.37	325.90
G 21.0	442.23	447.03	448.92	450.09	449.51	447.93	443.49	432.55	414.17	390.25	364.92	341.10	322.03
G 22.0	440.33	442.47	445.33	445.05	447.12	445.53	441.63	432.49	416.58	391.59	363.56	339.23	321.35
G 23.0	437.53	440.41	441.88	443.23	444.79	443.12	441.04	433.95	418.40	391.86	362.38	338.20	320.61
G 24.0	433.54	434.69	437.05	439.87	443.01	442.23	441.39	435.31	419.62	392.78	364.00	336.89	317.09
G 25.0	430.81	429.97	432.37	436.05	439.19	441.03	441.20	435.60	421.96	396.05	365.89	335.94	316.06
G 26.0	428.12	425.99	428.92	431.64	437.95	440.71	443.95	438.23	423.46	397.99	364.74	333.74	314.34
G 27.0	425.90	423.63	424.67	428.65	435.05	439.68	447.12	438.86	425.01	399.55	365.80	332.69	311.72
G 28.0	419.53	419.20	424.08	424.97	431.25	438.89	446.03	440.85	426.89	400.34	364.80	331.67	309.83
G 29.0	417.11	416.61	420.37	420.97	427.85	436.36	444.57	443.39	431.36	402.97	367.90	330.82	306.15
G 30.0	412.33	413.26	415.31	418.58	424.07	433.27	443.29	445.15	434.37	406.59	369.66	332.54	305.77
G 31.0	410.53	409.22	412.86	415.26	420.20	431.64	441.50	445.84	438.04	407.89	372.54	330.76	303.00
G 32.0	405.58	407.69	408.47	410.92	417.10	429.12	439.77	448.72	443.16	409.90	373.36	331.75	301.74
G 33.0	402.19	403.58	405.69	408.62	410.95	425.18	436.54	449.89	446.06	415.12	377.24	332.05	299.94
G 34.0	399.58	401.72	403.20	400.14	406.49	419.54	435.32	450.03	449.20	420.19	378.45	330.65	297.90
G 35.0	397.78	400.86	399.46	395.97	401.56	417.02	435.34	450.10	450.47	426.32	378.82	329.06	295.30
G 36.0	394.20	397.09	399.04	393.31	401.14	413.37	435.56	449.66	452.16	429.25	377.28	326.68	290.63
G 37.0	392.92	393.64	396.44	394.68	399.94	409.49	433.47	447.41	453.09	428.66	374.52	322.40	284.56
G 38.0	389.42	392.05	394.45	396.75	398.91	408.68	429.97	446.98	454.02	429.12	370.53	317.05	278.14
G 39.0	384.26	389.75	392.95	396.45	399.24	405.56	428.96	448.06	455.04	424.91	368.88	313.58	271.92
G 40.0	382.97	390.17	394.76	395.57	398.03	405.55	426.71	446.50	452.64	422.73	363.92	309.14	269.58
G 41.0	379.76	390.17	396.98	396.47	399.78	408.22	426.30	446.94	450.85	420.88	362.09	304.91	264.73
G 42.0	378.94	389.85	399.73	397.87	403.75	409.97	427.11	446.80	451.90	419.97	360.85	300.26	259.96
G 43.0	379.21	392.85	402.82	403.13	406.35	412.00	428.96	446.38	449.41	421.12	359.37	295.95	256.55
G 44.0	381.20	395.60	407.98	410.51	412.97	419.06	434.17	450.24	451.46	421.90	360.12	293.70	251.87
G 45.0	382.33	400.64	417.16	421.87	423.46	428.87	438.89	456.34	454.24	425.45	361.93	292.18	249.04
G 46.0	381.92	409.45	431.24	436.50	437.34	439.30	448.48	463.00	458.81	430.47	364.11	292.79	246.32
G 47.0	384.39	419.38	445.99	455.43	454.67	453.26	460.88	472.69	464.33	432.83	364.16	292.12	242.31
G 48.0	386.79	431.75	461.24	476.49	475.90	471.16	476.28	482.32	470.92	435.43	367.95	292.25	239.54
G 49.0	388.92	440.50	480.42	499.91	499.88	492.79	493.98	493.06	477.11	441.28	370.82	293.46	236.78
G 50.0	390.64	448.53	497.72	525.71	525.49	514.45	512.44	505.35	486.49	446.56	374.65	297.43	233.69
G 51.0	387.71	453.73	514.89	550.28	552.93	539.70	530.44	518.48	493.59	451.45	382.60	299.11	225.96
G 52.0	377.35	451.67	528.42	573.38	579.96	565.13	550.50	531.91	502.98	455.92	383.05	296.30	214.48
G 53.0	363.32	445.51	535.88	590.22	603.74	588.52	568.25	547.45	513.65	460.62	382.33	289.71	199.38
G 54.0	341.23	430.39	537.18	601.52	626.74	611.48	586.69	560.50	522.57	463.51	380.62	280.58	185.61
G 55.0	315.40	407.44	529.16	606.53	641.74	628.72	601.41	568.19	530.66	467.71	380.11	272.95	174.45
G 56.0	288.22	379.34	512.91	603.75	651.37	638.05	610.90	575.49	537.08	472.74	386.42	269.28	165.69
G 57.0	259.70	345.07	485.68	590.13	650.46	640.81	614.78	581.73	545.41	484.65	395.84	272.88	159.98
G 58.0	235.62	311.16	447.14	565.84	637.13	637.36	616.29	591.90	558.18	499.34	409.37	275.39	153.92
G 59.0	212.70	276.20	404.63	530.12	611.89	625.12	619.67	603.45	571.88	512.43	417.94	276.37	147.73
G 60.0	190.12	243.20	356.03	481.17	577.26	611.89	621.36	612.59	584.96	524.29	425.98	275.91	143.47
G 61.0	164.52	213.57	307.42	422.67	536.35	594.72	622.33	619.30	595.62	532.59	431.50	274.35	138.56
G 62.0	133.27	182.51	258.17	364.28	494.22	571.41	618.44	621.13	601.67	538.64	433.20	271.95	132.38
G 63.0	99.93	149.50	211.96	309.26	451.46	546.31	606.61	618.56	604.95	544.59	435.69	267.75	125.61
G 64.0	70.77	113.40	171.77	264.07	406.49	513.51	589.16	613.46	602.93	547.04	431.41	259.58	120.69
G 65.0	52.20	83.84	136.51	223.37	361.18	478.53	566.98	596.18	597.00	544.60	426.73	248.67	116.25
G 66.0	42.61	62.26	107.15	186.54	314.65	437.15	537.94	576.21	587.42	532.21	412.49	237.19	112.13
G 67.0	38.25	50.40	82.75	153.43	271.50	395.53	504.29	554.11	569.88	516.39	395.40	222.14	107.48
G 68.0	35.33	43.27	65.07	123.95	232.03	352.75	467.30	524.96	545.53	494.08	372.74	204.30	101.29
G 69.0	31.80	38.27	52.22	98.01	196.70	311.55	425.61	488.63	510.84	464.59	343.55	183.61	93.51
G 70.0	28.86	34.54	43.82	77.08	163.06	271.21	379.42	444.75	471.73	430.46	306.86	159.23	82.70
G 71.0	26.57	31.14	38.22	61.94	130.10	231.68	332.61	393.55	426.21	385.38	265.24	132.34	69.53
G 72.0	24.89	28.38	33.70	49.55	101.63	189.91	285.62	340.25	372.93	332.73	215.97	104.98	55.94

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento 100.00% Sistema Coordinate CG Flusso Totale 2040.00 lm

Tabella Intensità Luminose - cd/klm Tabella 4/18

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	367.38	366.39	365.50	364.77	363.79	363.58	362.52	362.09	362.12	361.47	361.53	361.32	361.27
G 2.0	358.62	357.76	356.72	356.42	355.28	353.75	352.74	351.36	351.87	350.99	349.83	349.05	349.26
G 3.0	355.83	353.64	351.19	348.32	345.01	342.52	339.81	340.58	341.58	341.41	341.67	341.02	341.05
G 4.0	358.02	353.32	348.81	346.15	341.90	338.66	335.39	333.95	331.23	329.34	332.56	333.77	333.26
G 5.0	359.50	353.91	349.11	343.42	339.71	336.37	332.95	330.12	326.99	324.02	321.13	326.18	327.76
G 6.0	360.01	353.63	347.10	341.31	336.53	333.27	328.70	327.38	323.84	322.05	319.59	317.66	321.36
G 7.0	357.15	351.87	344.00	337.97	333.43	329.28	326.89	323.30	321.40	318.35	316.52	314.23	316.60
G 8.0	354.16	348.62	341.00	335.23	329.05	325.63	323.10	320.26	318.09	315.38	312.06	310.69	307.65
G 9.0	352.73	343.93	336.90	331.81	326.15	322.45	318.84	317.43	314.86	313.21	311.23	307.13	305.00
G 10.0	347.05	338.32	332.00	327.10	323.43	320.07	315.83	313.60	312.12	309.15	306.72	304.33	299.92
G 11.0	344.18	334.98	326.82	323.72	320.08	318.21	314.87	312.30	310.29	307.18	303.96	299.24	295.67
G 12.0	339.33	330.69	324.11	319.55	318.76	315.92	311.34	308.85	307.01	303.17	300.37	294.03	287.67
G 13.0	335.79	326.05	319.16	316.88	314.75	312.48	309.16	305.95	302.16	298.66	292.71	285.66	279.39
G 14.0	333.53	322.82	315.17	313.25	310.03	308.11	305.13	301.82	296.47	293.18	285.22	277.06	265.89
G 15.0	329.18	319.71	313.33	308.95	305.67	302.03	300.03	296.94	292.12	284.87	276.60	263.40	250.34
G 16.0	326.01	317.27	311.45	306.10	300.70	296.37	295.58	292.59	287.02	275.89	261.48	243.84	229.10
G 17.0	321.79	315.38	309.06	302.36	297.89	292.83	290.92	285.92	277.16	260.24	242.77	220.98	203.85
G 18.0	318.92	310.11	304.15	299.18	294.67	289.53	286.05	276.31	261.95	240.74	217.97	197.18	177.66
G 19.0	314.06	306.71	301.03	294.50	291.36	286.48	278.44	262.85	241.37	218.57	193.28	171.60	150.80
G 20.0	311.94	304.88	298.11	292.83	288.68	280.91	266.52	245.18	219.43	193.83	168.70	146.05	125.21
G 21.0	310.41	302.49	293.99	289.91	284.53	271.41	251.36	222.84	195.80	168.91	143.48	119.45	99.42
G 22.0	308.69	300.28	292.32	286.60	278.78	259.48	233.05	200.13	169.44	142.31	115.92	94.37	77.24
G 23.0	308.13	299.44	290.17	283.15	271.06	245.12	212.65	176.87	143.96	115.38	90.44	73.24	61.98
G 24.0	306.43	296.49	287.17	278.83	261.02	227.96	191.99	153.82	118.08	91.33	70.80	59.52	53.26
G 25.0	304.10	295.59	284.98	273.60	248.88	209.98	170.69	130.01	94.32	71.60	58.58	52.94	49.80
G 26.0	300.03	292.30	281.76	265.45	234.46	190.58	148.75	106.06	75.39	60.36	52.71	50.24	48.53
G 27.0	298.41	288.12	277.87	256.41	217.01	170.59	126.97	86.09	62.00	53.23	49.91	48.45	46.18
G 28.0	294.86	284.76	271.98	243.69	199.16	148.97	104.60	70.34	55.34	51.17	48.41	46.01	43.84
G 29.0	291.17	280.81	265.97	228.51	182.44	128.67	85.25	60.14	51.34	48.78	46.54	43.65	42.51
G 30.0	289.55	276.96	258.66	213.15	162.88	109.43	69.95	54.03	49.73	47.03	44.85	41.93	40.84
G 31.0	286.18	272.93	249.46	198.51	144.69	92.22	60.20	50.85	47.80	45.56	43.10	40.99	39.72
G 32.0	282.53	267.72	238.41	183.70	127.27	77.04	54.22	49.32	46.07	43.88	41.82	39.37	37.93
G 33.0	278.37	261.57	224.49	167.46	108.33	67.45	51.97	47.82	44.95	42.39	40.66	38.21	35.53
G 34.0	274.23	256.60	211.20	149.38	91.83	60.10	50.40	46.60	43.54	41.11	39.31	37.11	34.33
G 35.0	273.27	250.37	198.29	130.76	77.42	55.05	49.28	45.62	41.72	39.62	37.71	36.10	32.90
G 36.0	269.05	242.10	185.20	114.00	66.86	52.10	47.86	44.21	40.98	38.15	36.42	34.99	31.70
G 37.0	263.23	231.15	169.65	98.81	61.19	50.31	46.75	43.15	39.66	37.09	35.10	33.46	30.88
G 38.0	256.89	217.29	154.74	84.92	56.56	49.24	45.33	43.11	38.10	36.09	34.02	31.80	29.83
G 39.0	250.39	204.15	138.17	74.15	53.64	48.46	44.83	42.15	36.72	35.05	32.97	30.89	29.12
G 40.0	243.82	190.08	121.19	67.18	51.91	47.46	43.83	40.94	35.86	33.23	31.34	29.31	27.77
G 41.0	237.59	176.50	105.76	62.24	50.65	46.47	42.83	39.60	34.81	32.24	29.93	28.11	26.89
G 42.0	229.97	164.22	91.30	57.50	50.16	45.49	41.16	37.83	34.28	30.96	28.30	27.03	25.63
G 43.0	221.94	151.51	79.29	54.33	48.83	43.76	39.42	37.15	33.35	30.36	27.45	25.84	24.77
G 44.0	214.79	139.31	70.63	51.62	47.88	42.56	38.09	35.39	32.36	29.66	26.38	25.46	23.75
G 45.0	206.58	125.84	64.62	50.40	46.40	41.76	37.50	34.27	31.25	28.32	25.81	24.44	22.31
G 46.0	195.82	112.52	60.53	49.39	45.42	40.77	37.20	33.26	30.10	27.44	25.69	24.22	21.29
G 47.0	185.13	99.33	57.29	47.24	43.92	39.71	36.00	32.22	29.20	26.78	24.81	23.37	21.10
G 48.0	173.24	87.82	55.16	46.60	42.91	38.46	35.05	31.50	28.19	25.62	24.17	22.09	20.74
G 49.0	163.19	78.23	52.65	45.76	42.04	37.55	33.69	30.42	27.65	25.17	23.08	21.60	20.17
G 50.0	151.87	71.18	50.51	44.63	40.55	36.52	33.02	29.91	26.40	24.15	22.17	20.73	19.34
G 51.0	137.87	66.08	49.58	44.09	39.48	35.42	32.00	29.17	25.49	23.14	21.14	20.03	18.03
G 52.0	123.97	62.11	48.34	43.09	38.29	34.36	31.10	28.56	24.50	22.54	20.17	18.69	17.52
G 53.0	109.48	59.18	47.22	41.82	37.78	34.16	30.32	27.58	23.18	21.38	19.18	18.28	16.81
G 54.0	97.95	56.63	46.59	40.26	37.01	33.70	29.43	25.70	22.22	20.08	18.36	17.08	16.29
G 55.0	88.25	55.45	44.84	39.91	35.70	32.83	28.77	24.76	21.15	19.03	17.86	16.28	15.52
G 56.0	82.62	54.75	44.54	39.00	34.59	31.87	27.45	23.76	20.29	17.70	16.87	15.59	14.43
G 57.0	77.95	52.74	43.18	38.39	33.76	31.35	26.30	23.22	19.71	17.28	15.62	14.48	13.55
G 58.0	76.25	50.93	42.12	37.26	33.27	30.38	24.65	22.06	18.91	16.26	14.49	13.61	12.75
G 59.0	74.23	49.62	40.78	35.97	32.81	29.12	23.51	20.83	17.93	15.59	13.93	13.00	12.15
G 60.0	72.41	47.25	39.02	34.93	31.74	28.30	22.90	19.51	17.37	14.92	13.35	12.53	11.69
G 61.0	71.23	45.04	36.77	34.28	31.09	26.41	21.80	18.61	16.65	14.22	12.85	12.12	11.47
G 62.0	69.67	42.62	34.90	32.52	29.59	24.99	21.02	17.42	15.78	13.87	12.58	11.63	10.85
G 63.0	68.31	40.14	33.72	31.17	27.92	23.81	19.94	16.71	14.85	13.51	12.35	11.12	10.19
G 64.0	65.57	38.10	32.12	29.94	26.32	22.66	19.21	16.55	14.37	12.65	11.76	10.50	9.75
G 65.0	61.93	36.23	30.93	28.89	25.70	21.91	18.86	16.40	13.75	12.53	11.12	10.05	9.31
G 66.0	57.42	34.74	29.52	27.25	24.54	21.43	18.43	15.94	13.44	12.17	10.82	9.74	8.76
G 67.0	51.41	33.06	28.41	25.81	23.78	21.37	17.80	15.75	13.40	11.92	10.56	9.37	8.94
G 68.0	45.89	31.25	26.75	25.06	23.48	21.11	17.84	16.18	13.35	11.61	10.44	9.42	8.75
G 69.0	41.16	28.95	26.02	24.53	22.82	20.87	18.39	15.67	13.17	10.73	9.73	8.77	7.99
G 70.0	35.81	27.20	25.29	23.17	22.04	20.73	17.81	15.45	12.55	10.10	9.40	8.08	7.41
G 71.0	32.49	25.47	23.54	22.35	21.40	20.28	17.19	14.84	11.83	9.57	8.48	7.25	6.70
G 72.0	28.85	23.07	22.26	20.28	20.43	19.30	16.84	14.34	10.96	8.53	7.56	6.42	6.16

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 5/18**

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	361.30	361.03	361.04	360.76	360.51	361.00	360.95	361.25	361.71	362.31	362.41	362.78	362.93
G 2.0	349.83	349.25	350.09	350.34	350.27	350.87	351.42	351.98	352.79	353.09	354.19	355.08	355.92
G 3.0	341.23	340.65	341.70	341.61	341.65	341.70	342.42	342.17	342.35	342.71	342.61	342.11	344.07
G 4.0	334.28	334.66	334.94	334.93	334.50	335.53	335.29	334.96	331.88	332.58	335.17	338.41	340.16
G 5.0	327.75	329.43	328.85	330.70	330.74	329.85	328.45	323.37	325.36	328.49	331.43	334.71	336.55
G 6.0	322.71	324.47	325.13	325.55	325.31	324.73	318.25	320.10	322.61	324.46	327.83	330.34	331.98
G 7.0	319.43	320.46	320.69	320.74	320.12	317.73	313.82	316.77	319.67	321.81	324.47	327.02	331.14
G 8.0	313.72	315.35	316.09	317.27	315.74	309.42	310.89	313.69	315.53	318.72	322.24	324.38	327.64
G 9.0	309.22	310.56	310.61	311.28	309.94	304.97	306.94	308.98	311.86	316.37	319.16	322.64	325.07
G 10.0	304.06	305.56	305.28	304.83	302.66	299.38	302.34	304.87	308.91	313.11	315.74	319.70	321.90
G 11.0	295.64	298.20	298.58	298.79	294.21	293.83	298.31	300.95	304.62	309.74	313.45	315.89	318.90
G 12.0	283.90	286.55	287.99	288.70	283.67	288.89	291.78	297.39	301.18	307.00	310.58	313.11	317.06
G 13.0	271.18	274.61	276.22	274.54	272.59	278.82	284.46	291.83	297.24	300.65	305.98	310.44	314.27
G 14.0	257.32	255.52	256.11	258.99	259.19	267.98	275.83	283.98	290.99	295.90	300.52	306.26	309.73
G 15.0	237.09	234.89	234.31	237.56	240.67	251.96	264.39	274.13	282.67	290.35	296.05	299.56	305.03
G 16.0	213.47	209.60	207.51	210.29	215.91	230.92	245.40	260.76	273.85	285.12	291.30	294.59	300.18
G 17.0	187.27	181.05	178.68	182.17	189.90	206.16	222.64	242.24	260.93	275.22	284.41	290.00	296.43
G 18.0	160.90	151.59	149.36	152.07	161.08	178.92	198.23	219.12	239.99	260.39	274.43	284.09	289.60
G 19.0	134.85	123.36	121.86	124.60	135.05	152.13	172.84	193.68	216.33	240.07	259.59	276.85	284.46
G 20.0	108.55	100.06	98.30	100.14	109.58	126.46	146.65	167.12	192.00	217.21	242.66	265.89	278.77
G 21.0	86.41	79.65	78.86	79.61	86.97	100.96	120.65	142.34	167.17	193.63	223.03	250.39	269.31
G 22.0	68.70	64.12	64.83	64.08	69.76	78.99	96.03	116.60	142.38	169.40	200.01	232.33	258.79
G 23.0	56.34	54.53	55.64	54.67	57.69	63.38	75.31	91.34	116.00	144.47	177.06	211.66	244.65
G 24.0	50.63	48.99	51.25	49.91	51.15	53.76	61.93	72.02	91.29	119.28	154.04	191.28	228.99
G 25.0	47.57	46.26	48.58	47.21	47.46	49.80	53.77	58.65	72.20	94.88	130.09	170.65	210.54
G 26.0	46.48	45.23	46.08	44.72	45.40	47.06	49.79	52.10	60.07	75.30	107.45	148.74	190.14
G 27.0	44.73	43.28	44.57	42.61	43.71	45.45	47.09	50.38	54.42	62.69	87.10	126.47	170.92
G 28.0	42.99	41.77	42.82	41.52	42.04	43.51	45.12	48.69	51.63	55.63	70.53	104.27	150.04
G 29.0	41.21	39.54	41.51	39.92	40.63	41.73	44.21	46.03	49.66	51.89	60.12	84.72	128.48
G 30.0	39.83	38.28	40.14	38.19	38.80	40.86	41.84	44.37	46.94	49.74	54.41	69.66	108.22
G 31.0	38.06	37.29	38.71	37.06	38.22	39.50	40.92	42.20	45.12	47.97	51.70	59.80	89.84
G 32.0	36.22	35.91	37.20	35.57	36.65	38.43	39.95	40.50	42.94	46.92	49.99	54.15	75.59
G 33.0	35.18	34.84	36.14	35.05	35.53	37.03	38.23	39.83	41.61	45.06	48.16	51.90	65.57
G 34.0	33.86	34.21	34.77	34.73	33.81	34.69	36.57	38.15	40.46	43.48	46.50	50.36	59.25
G 35.0	32.97	32.75	33.64	33.29	32.43	33.39	35.60	37.28	39.60	42.16	45.06	48.86	54.47
G 36.0	31.55	31.38	32.29	31.61	31.49	32.66	34.23	35.94	37.67	40.55	43.27	47.91	52.03
G 37.0	30.18	30.06	30.38	29.65	30.33	31.84	33.25	34.72	36.74	39.49	42.11	46.35	51.08
G 38.0	28.48	27.77	28.82	27.71	29.17	30.12	31.70	33.81	36.10	38.26	41.32	45.92	50.00
G 39.0	27.31	26.21	27.25	26.59	28.07	28.85	30.57	32.25	35.10	37.55	40.15	44.35	48.87
G 40.0	25.95	24.97	25.82	25.33	27.14	27.42	29.73	31.07	34.28	36.37	39.63	42.75	47.70
G 41.0	24.79	23.98	25.01	24.34	25.64	26.49	28.92	30.14	33.20	35.52	38.80	41.77	46.18
G 42.0	24.03	23.11	23.59	23.70	24.68	25.62	27.60	29.04	32.42	34.01	37.83	40.54	45.27
G 43.0	23.79	22.39	22.30	22.81	24.00	24.68	26.30	28.22	31.20	33.16	36.65	39.43	44.42
G 44.0	22.96	21.84	21.34	21.55	22.75	23.91	25.51	27.43	29.46	31.87	35.14	39.21	43.01
G 45.0	22.00	20.80	20.77	20.53	21.72	22.54	24.33	26.11	28.60	30.80	33.92	38.29	42.35
G 46.0	20.43	19.94	19.88	19.58	20.94	21.88	23.43	25.51	27.48	30.17	33.08	37.05	40.77
G 47.0	19.55	19.51	18.92	18.80	20.30	21.33	22.86	24.46	26.96	29.01	32.31	35.71	39.41
G 48.0	19.10	19.02	18.43	18.42	19.66	20.74	21.89	23.39	26.17	28.46	31.61	35.14	38.63
G 49.0	18.32	18.11	18.07	17.71	19.35	19.91	21.10	22.57	25.49	27.87	31.01	34.26	37.68
G 50.0	17.88	17.36	17.18	16.79	18.35	19.09	20.30	21.64	24.18	26.38	30.18	32.92	36.59
G 51.0	17.25	16.77	17.03	16.19	17.35	18.39	19.80	21.06	23.27	25.52	29.07	32.02	35.32
G 52.0	16.44	15.80	15.90	15.63	16.21	17.79	19.36	19.99	22.39	24.77	28.22	31.09	34.66
G 53.0	16.10	15.09	15.69	15.32	15.29	16.91	18.78	19.87	21.69	23.87	27.32	30.65	33.91
G 54.0	15.13	14.56	15.00	14.40	14.48	16.09	17.84	19.30	20.43	22.98	25.70	29.78	33.33
G 55.0	14.33	13.80	13.82	13.68	14.00	15.20	16.72	18.40	19.57	22.33	24.68	29.05	32.15
G 56.0	13.34	13.09	12.70	13.17	13.15	14.15	15.76	17.62	18.60	21.16	23.50	27.92	31.69
G 57.0	12.75	11.93	11.88	12.64	12.77	13.41	14.91	16.00	17.77	19.77	22.60	26.95	31.05
G 58.0	12.36	11.24	11.28	11.79	12.15	12.62	14.40	15.07	16.67	18.58	21.38	25.70	29.94
G 59.0	12.12	10.31	11.12	10.78	11.49	12.43	13.67	14.20	15.68	17.94	20.43	24.23	28.21
G 60.0	11.40	10.34	10.04	10.05	10.87	11.94	13.00	13.58	15.03	17.26	19.56	22.78	26.79
G 61.0	10.68	9.85	9.82	9.54	10.30	11.24	12.23	12.91	14.26	16.44	18.68	21.63	25.71
G 62.0	10.26	9.39	9.41	9.23	10.18	10.53	11.39	12.23	13.80	15.53	18.05	20.75	24.33
G 63.0	9.59	8.76	9.21	8.75	9.79	9.85	10.97	11.73	13.20	14.66	17.33	20.09	23.23
G 64.0	9.24	8.56	8.91	8.40	9.37	9.58	10.50	11.60	12.85	14.13	16.64	19.46	22.27
G 65.0	8.77	8.64	8.26	8.37	8.66	9.30	9.92	11.14	12.64	13.67	15.93	18.86	21.63
G 66.0	8.37	8.10	8.06	8.37	8.04	8.86	9.86	10.72	12.21	13.59	15.60	18.35	21.24
G 67.0	8.12	7.89	7.61	8.24	8.00	8.59	9.43	10.45	11.76	13.40	15.78	17.91	20.72
G 68.0	7.95	7.64	7.46	7.73	7.78	8.31	8.86	10.28	11.28	13.15	15.51	18.44	20.56
G 69.0	7.46	7.15	6.99	7.04	7.43	7.92	8.51	10.11	10.68	12.89	15.37	18.48	21.13
G 70.0	6.85	6.83	6.62	6.53	7.00	7.34	7.81	9.61	10.10	12.65	15.18	18.41	20.96
G 71.0	5.97	6.17	6.11	5.87	6.35	6.63	7.31	8.94	9.53	11.68	14.73	18.02	20.52
G 72.0	5.32	5.26	5.54	5.37	5.82	5.95	6.64	7.74	8.57	10.92	14.27	17.37	20.00

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 6/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 0.0	369.53	369.53	369.53	369.53	369.53	369.53	369.53
G 1.0	364.09	364.64	364.86	365.48	366.77	367.28	368.39
G 2.0	356.56	357.46	358.00	358.27	358.60	359.74	360.34
G 3.0	347.22	349.44	352.73	355.71	358.45	360.87	362.63
G 4.0	342.37	345.88	349.72	354.55	359.39	362.83	365.67
G 5.0	339.24	342.73	347.31	353.77	358.85	362.52	367.18
G 6.0	336.85	340.99	346.83	352.36	357.44	362.65	368.06
G 7.0	334.57	338.77	344.57	348.20	355.30	363.18	370.86
G 8.0	330.96	334.90	341.96	348.04	354.86	362.86	370.29
G 9.0	326.78	331.46	339.10	344.68	350.90	359.53	369.31
G 10.0	323.57	327.74	334.51	339.82	348.33	356.93	366.48
G 11.0	320.32	324.79	329.39	335.35	343.67	351.94	364.66
G 12.0	317.77	320.25	325.50	330.34	339.79	348.78	361.99
G 13.0	315.38	317.30	321.82	327.80	335.02	347.07	359.79
G 14.0	311.55	315.14	318.84	325.87	333.00	343.57	357.66
G 15.0	308.68	312.07	316.46	321.75	330.56	341.17	355.35
G 16.0	304.57	308.98	313.59	319.20	325.97	336.64	352.43
G 17.0	300.39	305.55	309.10	314.87	322.47	332.67	350.13
G 18.0	296.48	301.95	305.99	310.41	319.36	331.11	348.24
G 19.0	290.76	296.35	302.13	307.47	313.44	327.41	346.33
G 20.0	285.90	292.94	299.07	302.89	310.86	325.09	345.20
G 21.0	281.49	289.29	296.26	299.93	308.60	321.97	343.70
G 22.0	277.90	287.81	292.12	297.19	305.34	321.13	342.19
G 23.0	272.48	283.96	290.10	293.70	304.44	319.92	341.54
G 24.0	263.83	280.54	286.71	292.12	301.60	316.37	340.76
G 25.0	250.25	273.75	282.68	290.35	300.49	314.93	336.07
G 26.0	235.02	263.94	278.67	288.15	298.25	312.23	333.00
G 27.0	217.50	254.71	275.29	285.87	295.60	309.31	332.91
G 28.0	200.10	242.59	271.66	282.53	292.06	307.77	331.32
G 29.0	182.05	230.83	267.22	279.28	290.74	306.03	331.02
G 30.0	162.67	216.48	261.12	276.42	289.09	305.11	331.34
G 31.0	144.02	201.68	250.99	272.74	286.26	302.13	332.26
G 32.0	124.95	185.09	239.50	267.75	283.03	300.40	332.46
G 33.0	107.47	167.03	227.20	261.95	280.70	298.11	331.67
G 34.0	90.51	148.88	212.99	255.57	278.05	296.40	329.58
G 35.0	77.52	130.81	200.13	251.04	273.67	294.50	328.78
G 36.0	67.43	112.91	185.61	241.44	268.86	290.14	325.74
G 37.0	60.65	97.65	171.03	231.58	262.76	285.47	319.95
G 38.0	56.58	85.28	154.79	219.38	256.40	280.19	316.44
G 39.0	53.60	75.58	137.93	203.76	249.00	275.34	311.70
G 40.0	51.61	68.00	120.83	190.04	242.01	271.63	305.49
G 41.0	50.05	62.91	105.51	176.08	236.09	265.33	302.18
G 42.0	48.68	58.16	91.05	164.04	229.34	260.85	298.33
G 43.0	48.04	55.03	80.66	152.98	222.52	255.13	296.31
G 44.0	47.45	52.67	72.15	140.32	215.29	252.92	295.24
G 45.0	46.53	51.02	65.55	126.59	205.25	249.76	291.86
G 46.0	45.43	49.75	60.53	113.18	195.40	244.66	291.07
G 47.0	44.23	48.34	57.04	99.02	184.95	241.95	290.57
G 48.0	43.50	46.97	53.39	87.94	174.06	239.17	293.01
G 49.0	42.24	46.38	51.38	77.35	162.53	236.84	294.05
G 50.0	40.72	45.01	49.46	71.24	151.21	232.58	295.88
G 51.0	39.50	44.24	48.09	66.12	137.46	226.25	297.13
G 52.0	38.70	43.60	47.73	62.66	123.41	215.50	293.60
G 53.0	38.23	42.30	47.18	59.96	108.95	201.11	285.76
G 54.0	37.51	41.34	46.74	57.24	96.90	187.63	276.53
G 55.0	36.52	39.75	45.34	56.09	87.72	175.71	269.84
G 56.0	35.26	38.48	43.85	54.35	82.09	167.91	268.24
G 57.0	34.35	37.27	42.48	53.52	77.23	161.34	272.67
G 58.0	33.47	36.92	41.43	51.89	75.20	155.17	275.72
G 59.0	32.23	36.15	39.75	49.51	73.28	149.10	275.73
G 60.0	31.63	34.81	38.36	47.66	71.21	142.53	276.36
G 61.0	30.66	33.57	36.34	45.02	70.11	137.02	274.18
G 62.0	29.47	32.14	34.93	42.65	68.34	131.79	270.79
G 63.0	27.85	30.77	33.21	40.59	66.79	126.86	265.54
G 64.0	26.55	29.84	32.30	38.61	64.09	121.36	258.20
G 65.0	25.78	28.64	30.97	36.74	60.98	115.75	250.37
G 66.0	24.80	27.85	30.39	34.99	56.34	111.16	238.08
G 67.0	24.01	27.13	29.27	32.55	51.41	105.90	223.87
G 68.0	23.25	26.37	28.26	30.96	45.86	99.71	204.40
G 69.0	22.61	25.55	26.90	29.26	40.85	93.05	182.63
G 70.0	22.04	24.21	25.35	27.67	36.76	83.31	158.61
G 71.0	21.05	22.84	23.74	25.61	33.32	71.07	132.04
G 72.0	20.15	21.38	22.18	23.74	29.44	56.68	104.96

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 7/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 73.0	164.44	273.64	313.26	284.02	235.17	152.49	79.06	41.55	30.86	25.58	22.76	20.28	18.74
G 74.0	118.34	206.23	245.67	226.89	189.81	121.22	62.10	34.95	27.17	22.91	20.95	18.66	17.60
G 75.0	81.73	147.97	179.87	169.52	146.95	93.88	48.81	29.48	23.68	20.70	19.28	17.16	16.02
G 76.0	56.49	101.58	125.64	121.32	108.15	71.23	39.73	24.94	20.98	18.34	17.33	15.85	14.73
G 77.0	39.96	68.53	85.11	83.91	77.02	52.14	32.18	20.94	18.33	16.67	15.48	14.42	13.65
G 78.0	29.96	47.14	58.33	57.61	53.56	37.00	24.94	17.95	16.30	15.12	13.92	12.84	12.21
G 79.0	23.15	34.29	42.39	40.34	38.04	26.71	19.87	15.27	14.13	13.17	12.39	11.19	11.11
G 80.0	17.82	26.71	31.79	29.25	26.85	19.70	15.44	12.85	12.10	11.54	10.75	9.62	9.62
G 81.0	13.11	20.28	24.32	21.93	20.02	15.27	11.96	10.36	10.08	9.48	9.17	8.03	8.30
G 82.0	8.95	14.98	18.20	15.99	14.86	11.69	9.00	8.30	8.48	7.60	7.51	6.78	6.98
G 83.0	5.74	10.36	12.83	11.45	10.42	8.33	6.60	6.26	6.73	5.85	6.08	5.49	5.75
G 84.0	3.28	6.45	8.35	7.95	7.07	5.64	4.60	4.52	4.90	4.43	4.77	4.41	4.50
G 85.0	1.58	3.63	4.71	4.49	4.09	3.45	3.07	3.16	3.23	3.24	3.36	3.29	3.46
G 86.0	0.71	1.77	2.38	2.17	2.05	1.77	1.70	1.81	1.90	2.09	2.12	2.23	2.33
G 87.0	0.18	0.78	0.97	0.77	0.83	0.80	0.80	0.86	0.94	0.99	1.14	1.18	1.31
G 88.0	0.05	0.20	0.25	0.14	0.22	0.24	0.28	0.28	0.39	0.38	0.44	0.45	0.63
G 89.0	0.01	0.04	0.07	0.03	0.04	0.05	0.06	0.09	0.11	0.07	0.13	0.11	0.19
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 8/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 73.0	17.15	16.90	15.63	15.20	14.33	13.68	14.20	15.00	16.02	17.02	18.10	19.30	20.35
G 74.0	15.91	15.86	14.81	14.24	13.23	13.14	13.20	14.19	14.90	15.97	16.54	17.36	18.78
G 75.0	14.96	14.95	13.55	13.13	12.16	12.14	12.26	13.14	13.71	14.46	15.18	16.10	17.35
G 76.0	14.03	13.60	12.51	12.18	10.88	11.51	11.14	11.93	12.56	12.87	13.84	14.88	15.95
G 77.0	13.01	12.34	11.49	11.05	9.64	10.69	10.13	11.04	11.09	11.67	12.56	13.59	14.58
G 78.0	11.70	11.06	10.01	9.97	8.80	9.39	8.69	10.03	10.15	10.80	11.07	12.17	12.77
G 79.0	10.21	10.03	8.96	8.72	8.21	8.55	7.48	8.95	8.94	9.68	9.89	10.55	11.30
G 80.0	8.76	8.97	7.88	7.80	7.24	7.76	6.75	7.95	7.88	8.62	8.53	9.28	9.72
G 81.0	7.45	7.75	6.97	6.70	6.46	6.66	6.35	7.01	7.22	7.38	7.64	8.05	8.22
G 82.0	6.46	6.56	6.18	5.79	5.66	5.87	5.67	5.88	6.37	6.24	6.63	6.68	6.98
G 83.0	5.57	5.63	5.21	4.89	4.91	5.14	5.07	4.80	5.56	5.36	5.48	5.46	6.09
G 84.0	4.59	4.57	4.14	4.09	4.30	4.34	4.09	4.09	4.52	4.56	4.38	4.63	4.92
G 85.0	3.53	3.53	3.43	3.32	3.52	3.70	3.40	3.37	3.57	3.56	3.51	3.68	3.72
G 86.0	2.44	2.52	2.47	2.61	2.49	3.01	2.67	2.68	2.58	2.77	2.64	2.55	2.33
G 87.0	1.31	1.58	1.54	1.69	1.72	2.12	1.81	1.80	1.46	1.75	1.62	1.43	1.20
G 88.0	0.57	0.77	0.82	0.93	0.87	1.23	0.97	0.92	0.72	0.79	0.76	0.62	0.49
G 89.0	0.17	0.27	0.24	0.32	0.21	0.54	0.38	0.30	0.20	0.28	0.17	0.22	0.12
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 9/18**

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G 73.0	23.10	25.55	29.79	41.12	78.31	152.24	236.24	284.22	312.93	270.23	165.29	80.27	43.58
G 74.0	21.38	23.87	26.65	33.99	61.92	120.40	191.69	225.91	245.85	204.86	119.57	60.45	33.22
G 75.0	19.11	21.11	23.58	28.69	49.25	93.43	146.92	168.39	181.25	146.81	82.65	46.78	25.69
G 76.0	17.14	19.06	20.70	24.50	38.92	70.47	109.13	119.53	125.03	100.69	57.08	36.77	20.30
G 77.0	15.62	17.05	17.90	20.59	30.64	51.78	77.63	83.44	85.70	68.67	40.24	29.17	16.20
G 78.0	13.83	14.60	15.51	17.96	23.62	37.44	53.99	57.44	57.97	47.47	29.41	23.30	12.76
G 79.0	12.20	12.96	12.96	14.97	18.76	27.68	37.68	40.34	42.04	35.14	22.58	17.93	9.90
G 80.0	10.56	10.84	11.03	12.52	14.78	20.38	26.74	29.59	30.73	26.81	18.14	13.39	7.32
G 81.0	8.83	9.06	9.42	10.18	11.61	15.68	19.37	22.44	22.99	20.76	13.61	8.87	5.02
G 82.0	7.60	7.38	7.74	7.92	9.23	11.62	14.60	16.58	17.13	15.58	9.37	5.40	3.29
G 83.0	5.94	5.89	6.20	6.29	7.09	8.28	10.55	11.96	12.16	10.62	5.92	3.34	1.96
G 84.0	4.50	4.68	4.73	4.56	5.13	5.63	7.11	7.60	7.93	6.77	3.26	1.90	1.11
G 85.0	3.37	3.30	3.23	3.03	3.30	3.48	4.19	4.54	4.48	3.71	1.63	0.98	0.54
G 86.0	2.19	1.98	1.98	1.88	1.83	1.87	2.13	2.26	2.24	1.69	0.73	0.39	0.24
G 87.0	1.15	0.97	0.99	0.89	0.90	0.89	0.78	0.99	0.90	0.62	0.22	0.14	0.10
G 88.0	0.51	0.37	0.37	0.35	0.35	0.33	0.23	0.26	0.23	0.17	0.07	0.04	0.05
G 89.0	0.12	0.11	0.06	0.11	0.10	0.07	0.04	0.03	0.04	0.03	0.01	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		**Rilievo**		**Lampada**	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm Tabella 10/18

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G 73.0	25.23	21.15	20.25	18.67	19.11	18.41	16.63	13.11	9.96	7.34	6.48	5.63	5.50
G 74.0	22.39	18.39	18.30	17.13	17.21	16.90	15.27	11.44	8.61	6.05	5.41	4.50	4.43
G 75.0	19.31	15.96	16.10	14.70	14.90	14.49	13.27	9.52	6.98	4.76	4.33	3.72	3.46
G 76.0	15.74	13.36	13.77	12.72	12.17	11.95	10.71	7.55	5.29	3.84	3.26	2.71	2.52
G 77.0	12.79	10.85	11.07	10.19	9.60	9.17	7.64	5.61	3.82	2.91	2.42	2.08	1.90
G 78.0	9.80	8.51	8.50	7.62	7.06	6.36	5.31	3.65	2.58	1.91	1.54	1.35	1.43
G 79.0	7.53	6.53	6.38	5.29	4.70	4.04	3.37	2.14	1.61	1.13	1.02	0.81	0.89
G 80.0	5.61	4.48	4.41	3.45	2.86	2.17	1.80	1.10	0.84	0.54	0.57	0.33	0.42
G 81.0	3.92	2.96	2.68	2.03	1.47	1.07	0.80	0.58	0.39	0.30	0.26	0.15	0.16
G 82.0	2.43	1.70	1.45	1.02	0.63	0.43	0.35	0.24	0.13	0.05	0.12	0.04	0.06
G 83.0	1.32	0.84	0.64	0.37	0.25	0.14	0.13	0.07	0.03	0.02	0.05	0.02	0.03
G 84.0	0.63	0.35	0.31	0.14	0.10	0.05	0.06	0.04	0.03	0.03	0.01	0.01	0.03
G 85.0	0.30	0.15	0.12	0.06	0.06	0.02	0.03	0.02	0.02	0.01	0.01	0.01	0.02
G 86.0	0.11	0.07	0.05	0.04	0.05	0.01	0.02	0.02	0.01	0.02	0.02	0.01	0.02
G 87.0	0.03	0.04	0.02	0.02	0.05	0.01	0.00	0.01	0.01	0.02	0.02	0.02	0.02
G 88.0	0.01	0.03	0.01	0.01	0.04	0.01	0.00	0.01	0.00	0.03	0.01	0.01	0.02
G 89.0	0.01	0.01	0.01	0.01	0.02	0.00	0.00	0.00	0.00	0.02	0.01	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 11/18**

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 73.0	4.30	4.54	4.70	4.60	4.89	5.26	5.59	6.68	7.63	9.56	13.22	16.71	18.04
G 74.0	3.53	3.64	3.88	3.71	3.91	4.40	4.45	5.71	6.42	8.41	11.55	14.99	16.47
G 75.0	2.83	2.77	2.97	2.84	3.08	3.61	3.54	4.58	5.18	7.01	9.80	12.91	14.27
G 76.0	2.19	2.14	2.30	2.20	2.42	2.73	2.63	3.32	3.80	5.60	7.45	10.44	11.65
G 77.0	1.65	1.64	1.61	1.73	1.83	1.97	1.77	2.18	2.74	3.96	5.41	7.79	8.97
G 78.0	1.14	1.26	1.22	1.23	1.25	1.25	1.32	1.41	1.82	2.70	3.54	5.35	6.25
G 79.0	0.70	0.83	0.73	0.84	0.78	0.79	0.78	0.84	1.14	1.60	2.10	3.27	3.96
G 80.0	0.37	0.38	0.37	0.37	0.34	0.34	0.43	0.46	0.62	0.93	1.17	1.79	2.29
G 81.0	0.16	0.16	0.14	0.13	0.13	0.12	0.14	0.20	0.27	0.42	0.49	0.84	0.98
G 82.0	0.06	0.06	0.02	0.07	0.05	0.05	0.04	0.10	0.12	0.20	0.22	0.28	0.36
G 83.0	0.03	0.03	0.01	0.03	0.03	0.02	0.04	0.07	0.06	0.07	0.09	0.09	0.13
G 84.0	0.02	0.04	0.02	0.03	0.01	0.01	0.03	0.04	0.03	0.02	0.04	0.04	0.04
G 85.0	0.01	0.04	0.02	0.03	0.01	0.02	0.02	0.02	0.01	0.02	0.02	0.04	0.03
G 86.0	0.01	0.03	0.03	0.02	0.00	0.02	0.02	0.02	0.01	0.02	0.01	0.03	0.02
G 87.0	0.01	0.03	0.03	0.01	0.01	0.02	0.03	0.01	0.02	0.02	0.02	0.01	0.02
G 88.0	0.01	0.01	0.02	0.01	0.01	0.02	0.03	0.01	0.01	0.02	0.01	0.01	0.01
G 89.0	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.00	0.01	0.01	0.01	0.01	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm Tabella 12/18

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 73.0	18.80	19.62	20.54	21.84	26.10	43.79	80.71
G 74.0	17.54	17.30	18.58	19.72	22.74	33.74	60.91
G 75.0	15.43	15.31	15.64	17.00	19.02	26.38	47.53
G 76.0	12.50	12.81	13.43	14.04	15.60	20.21	37.09
G 77.0	9.58	10.20	10.78	11.49	12.28	16.07	29.65
G 78.0	6.97	7.82	8.42	9.07	9.60	12.34	23.25
G 79.0	4.72	5.51	6.36	6.73	7.46	9.62	17.82
G 80.0	3.00	3.55	4.17	4.83	5.50	6.90	13.24
G 81.0	1.63	1.99	2.56	3.03	3.72	4.68	8.90
G 82.0	0.78	0.97	1.30	1.74	2.28	3.08	5.46
G 83.0	0.29	0.41	0.60	0.89	1.35	1.80	3.23
G 84.0	0.12	0.17	0.28	0.44	0.67	0.97	1.75
G 85.0	0.08	0.05	0.18	0.17	0.36	0.51	0.95
G 86.0	0.07	0.04	0.08	0.05	0.14	0.24	0.39
G 87.0	0.05	0.03	0.06	0.02	0.07	0.11	0.11
G 88.0	0.02	0.02	0.04	0.01	0.04	0.02	0.03
G 89.0	0.01	0.01	0.02	0.01	0.02	0.01	0.01
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 13/18**

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm **Tabella 14/18**

	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm Tabella 15/18

	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm Tabella 16/18

	C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

Tabella Intensità Luminose - cd/klm Tabella 17/18

	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

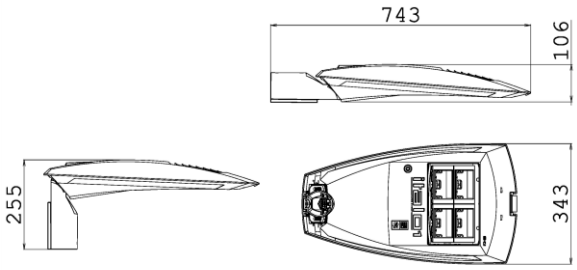
Apparecchio		Rilievo		Lampada	
Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	ITALO 1 0F3 STE-S 4.50-1M	Codice	L-IT1-0F3-4000-500-1M
Nome	ITALO 1 0F3 STE-S 4.50-1M	Nome	ITALO 1 0F3 STE-S 4.50-1M	Numero	1
Archivio	Eulumdat	Data	01-04-2014	Posizione	

Rendimento	100.00%	Sistema Coordinate	CG	Flusso Totale	2040.00 lm

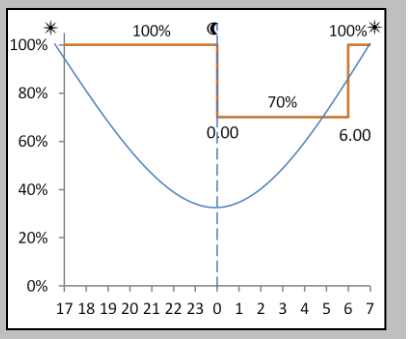
Tabella Intensità Luminose - cd/klm **Tabella 18/18**

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

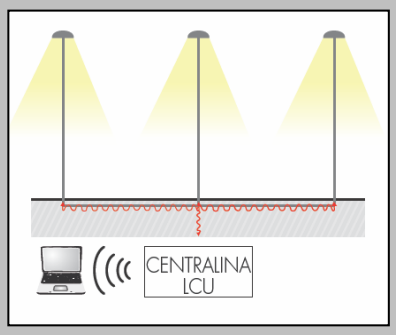
Scheda prodotto



Profilo DA

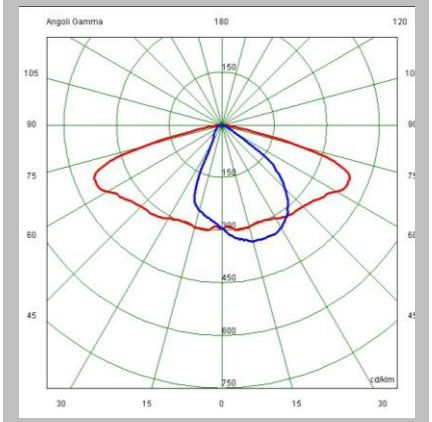


PLM



ITALO 1	
CARATTERISTICHE PRINCIPALI	
Applicazioni	Illuminazione stradale
Gruppo ottico	STE-M/S:Ottica asimmetrica per illuminazione stradale extraurbana(0F3) STU-M/S: Ottica asimmetrica per illuminazione stradale urbana e ciclopedonale. (0F2H1) STW: Ottica asimmetrica per illuminazione di strade larghe e asfalti bagnati. (0F3) SV : Ottica asimmetrica per illuminazione di svincoli autostradali o strade urbane molto strette. (0F2H1) Temperatura di colore: 4000K (3000K in opzione) CRI ≥ 70 Classe di sicurezza fotobiologica: EXEMPT GROUP Classificazione fotometrica CIE: Semi cut-off. Classificazione fotometrica IES: Full cut-off. Efficienza sorgente LED :130 lm/W @ 700mA, Tj=85°C, 4000K
Classe di isolamento	II (I in opzione)
Grado di protezione	IP66
Grado di resistenza	IK09
Moduli LED	Gruppo ottico rimovibile in campo
Inclinazione	Testa palo: 0°, +5°, +10°, +15°, +20° | Braccio: 0°, -5°, -10°, -15°, -20°
Dimensioni	Vedere disegno.
Peso	8Kg
Superficie esposta	Laterale: 0.05m^2 – Pianta: 0.18m^2
Montaggio	Braccio o testa palo Ø60mm Ø33mm ÷ Ø60mm (in opzione) Ø60mm ÷ Ø76mm (in opzione)
Cablaggio	Piastra cablaggio rimovibile in campo.
Norme di riferimento	EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3
IK09 IP66 EXEMPT GROUP	
CARATTERISTICHE ELETTRICHE	
Alimentazione	220÷240V 50/60Hz
Corrente LED	525mA (Ta max 50°C) 700mA (Ta max 50°C)
Fattore di potenza	>0,9 (a pieno carico)
Sezionatore	Incluso, con ferma cavo integrato
Connessione rete	Per cavi sezione max. 4mm^2
Sistema di controllo (optional)	F: Fisso non dimmerabile. DA: Dimmerazione automatica con profilo preimpostato. DAC: Profilo DA custom. PLM: Scheda di comunicazione punto/punto ad onde convogliate
Vita gruppo ottico	525mA (Ta=25°C): >70.000hr B20L80 (inclusi guasti critici) >100.000hr L80, TM-21 700mA (Ta=25°C): >60.000hr B20L80 (inclusi guasti critici) >100.000hr L80, TM-21
MATERIALI	
Attacco	Alluminio pressofuso UNI EN1706
Dissipatore	Alluminio pressofuso UNI EN1706. Struttura ad alette.
Telaio	Alluminio pressofuso UNI EN1706. Verniciato a polveri.
Copertura	Alluminio pressofuso UNI EN1706. Verniciato a polveri.
Gancio di chiusura	Alluminio estruso con molla in acciaio inox.
Gruppo ottico	Alluminio 99.85% con finitura superficiale realizzata con deposizione sotto vuoto 99.95%.
Schermo	Vetro piano temperato sp. 4mm elevata trasparenza.
Pressacavo	Plastico M20x1.5 - IP68
Guarnizione	Poliuretanica

I dati di vita dichiarati potrebbero variare in funzione della taglia scelta.
Al fine di favorire un costante aggiornamento dei propri prodotti, AEC si riserva il diritto di apportare modifiche senza preavviso.



Ottica STU-M

Tutti i dati fotometrici pubblicati sono stati rilevati in conformità alle norme UNI EN 13032-1 e IES LM 79-08

Scheda prodotto

Nelle tabelle sotto riportate sono indicati i dati di potenza e flusso luminoso delle versioni disponibili. Tali parametri sono fondamentali per una corretta comparazione delle performance degli apparecchi. In particolare l'efficienza dell'apparecchio (espressa in lm/W) deve essere calcolata come il rapporto tra il flusso luminoso dell'apparecchio in uscita e la potenza assorbita dall'alimentatore in ingresso. Per completezza si riportano anche i dati nominali del flusso e della potenza dei LED utilizzati.
I dati riportati in questa scheda tecnica rispondono ai requisiti della scheda AIDI disponibile su richiesta per ogni tipologia di apparecchio.

FLUSSO APPARECCHIO[1] (Ta=25°C, 4000K, lm)		
MODULI	525mA	700mA
	Ottica STE-M / STE-S / STW	
1	2040	2720
2	4440	5570
3	6590	8240
4	8770	10940
MODULI	Ottica STU-M / STU-S / SV	
1	1540	2030
2	3210	4060
3	4870	6130
4	6450	8140

FLUSSO NOMINALE LED[2] (Tj=85°C, 4000K, lm)	
525mA	700mA
Ottica STE-M / STE-S / STW	
2445	3057
4890	6114
7335	9171
9780	12228
Ottica STU-M / STU-S / SV	
1845	2181
3690	4362
5535	6543
7380	8724

POTENZA APPARECCHIO[1] (Ta=25°C, Vin=230Vac, W) Versione F e DA a pieno carico		
MODULI	525mA	700mA
	Ottica STE-M / STE-S / STW	
1	20	27,5
2	41,5	54,5
3	61	80
4	78	103
MODULI	Ottica STU-M / STU-S / SV	
1	15,5	21
2	32,5	42,5
3	47	61
4	60	80

POTENZA NOMINALE LED[2] (Tj=85°C, W)	
525mA	700mA
Ottica STE-M / STE-S / STW	
17	24
35	47
52	71
70	94
Ottica STU-M / STU-S / SV	
14	17
27	33
41	50
55	67

EFFICIENZA APPARECCHIO (Ta=25°C, lm/W)		
MODULI	525mA	700mA
	Ottica STE-M / STE-S / STW	
1	102	99
2	107	102
3	108	103
4	112	106
MODULI	Ottica STU-M / STU-S / SV	
1	99	97
2	99	96
3	104	100
4	108	102

PROTEZIONE SOVRATENSIONI Modo diff. / Modo comune	
Classe II	Classe I
10/7 kV	10/10 kV
10/7 kV	10/10 kV
10/7 kV	10/10 kV
10/6 kV	10/10 kV

Nota: Le caratteristiche del prodotto elencate sono soggette a variazioni e dovranno essere confermate in fase di ordine. I valori indicati in questa scheda tecnica sono da considerarsi valori nominali con una tolleranza del +/-5%.
Al fine di favorire un costante aggiornamento dei propri prodotti, AEC si riserva il diritto di apportare modifiche senza preavviso.

1: Dati nominali rilevati in laboratorio.
2: Dati nominali estrapolati da datasheet costruttore LED.

*Moltiplicatore per ricavare il **flusso** luminoso in funzione di Ta e Tk.*

Ta(°C)	Moltiplicatore
50	0,94
40	0,96
25	1,00
15	1,02
5	1,04
0	1,05
Tk(K)	Moltiplicatore
3000	0.90
4000	1.00

*Moltiplicatore per ricavare la **potenza** in funzione di Ta.*

Ta (°C)	Moltiplicatore
50	0,99
25	1.00
0	1,01

Legenda:

Ta = Temperatura ambiente.

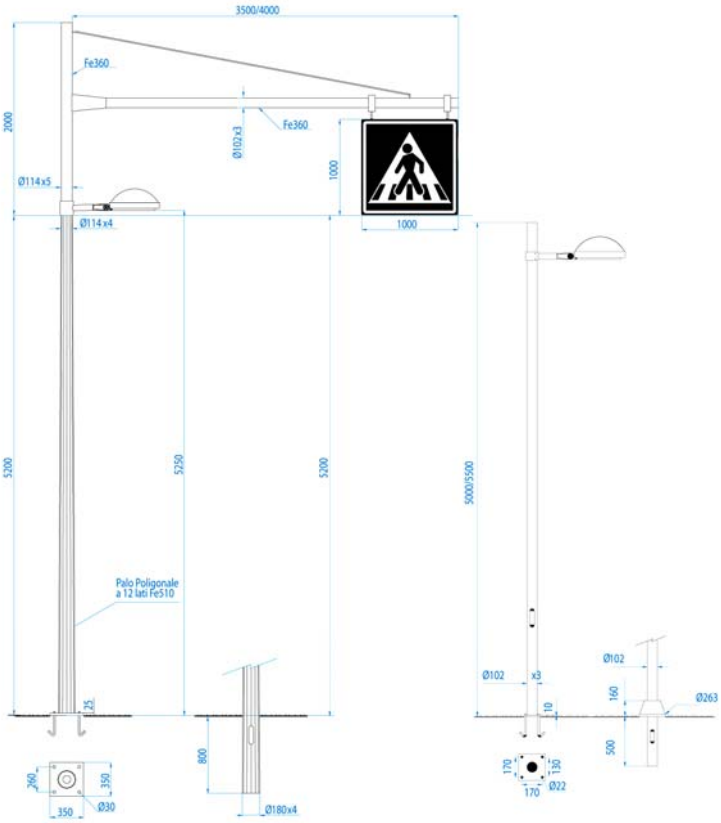
Tk = Temperatura di colore.

Esempio calcolo dati apparecchio
Ta=40°C
Tk=4000K
4 MODULI LED, 525mA, Ottica STE-M
Flusso: 8770 x 0,96 = 8419,2 lm
Potenza: 78 x 0,99 = 77,2 W
Efficienza: 8419,2 / 77,2 = 109 lm/W

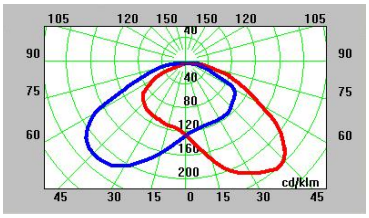
ILLUMINAZIONE STRADALE - SCHEDA PRODOTTO

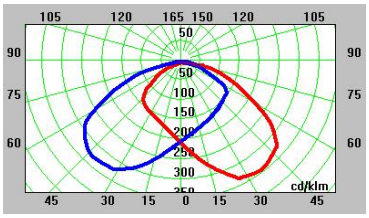
Serie “ SICUREZZA ”

CARATTERISTICHE APPARECCHIO	
Parte superiore	Cupola in alluminio tornito, anello in pressofusione di alluminio
Parte inferiore	Anello in alluminio pressofuso
Attacco	Per BR ø 42mm
Ottica	Alluminio 99,85% imbutito, anodizzato e brillantato
Guarnizioni	EPDM
Schermo	Vetro piano temperato 4mm
Piastra portacablaggio	Tecnopolimero
Colore standard	Grigio grafite effetto satinato cod. 01
Colore optional	-Nero satinato cod.02 -Argento satinato cod.03 -RAL 7035 cod.05 -Sabbia effetto satinato cod.04



CARATTERISTICHE SOSTEGNO	
Sostegno	Acciaio S355 JR formato da 2 tronchi
Primo tronco	A sezione poligonale 12 lati ø base 180mm spessore 4mm
Secondo tronco	A sezione cilindrica ø 114mm spessore 5mm, h. 7.200mm totale - fuori terra
Braccio porta-segnaletica	Acciaio a sez.cilindrica ø 102mm spessore 3mm sporgenze 3500/4000mm
Tirante	Acciao inox ø 6mm
Segnale di passaggio pedonale	Cassonetto luminoso bifacciale 1000x1000mm in alluminio saldato





CARATTERISTCHE GENERALI	
Classe isolamento	II
Grado di protezione totale	IP66
Classificazione fotometrica	Cut-off
Sezionatore di linea	Automatico

CARATTERISTICHE ELETTRICHE	
Fusibile	Optional
Alimentazione	230V (altre tensioni su richiesta)
Cablaggi speciali	Su richiesta -biregime -elettronico -elettronico dimmerabile -accenditore temporizzato
Accenditore	A sovrapposizione
Potenza	150W/250W SHP-MHL attacco TS

AEC Illuminazione S.r.l. www.aecilluminazione.it
Zona Industriale di Castelnuovo, 256 | 52010 Subbiano (Ar) | Tel. +39.0575.041110 | Fax. +39.0575.420878 | aec@aecilluminazione.it

Studio Elettrotecnico Rossato Per. Ind. Roberto Via Padre Vittorino da Villarazzo n°10 Schio (VI) Tel e fax 0445/532582 Cell 338/5918216 E-mail r_rossato@libero.it

DICHIARAZIONEDI RISPONDENZA DEL PROGETTO AI REQUISITI DELLA LEGGE REGIONALE N°17 DEL 07.08.2009

Con la presente, il sottoscritto Rossato per. ind. Roberto nato a Schio il 05/05/1958 residente in Via Padre Vittorino da Villarazzo 10 a Schio (VI), iscritto al collegio dei Periti Industriali della Provincia di Vicenza al n° 1054 dichiara che **il progetto dell'impianto ubicato in Via Manzoni e Via Leopardi a Zanè per la nuova lottizzazione PP3, risulta essere conforme a quanto prescritto dalla Legge Regionale n°17 del 07.08.2009** .

I punti della legge analizzati ai fini della dichiarazione sono i seguenti:

Utilizzo di apparecchi con **emissione nulla verso l'alto** (art. 9, comma 2, lettera a).

Utilizzo di apparecchi con **rendimento superiore al sessanta per cento** (art. 11, comma a) – (solo per impianti stradali).

Rispetto delle luminanze minime previste dalle norme di sicurezza UNI (art. 9, comma 2, lettera c): le **luminanze mantenute non dovranno essere superiori, entro** le tolleranze (dell'ordine del + **15%**), a quelle previste dalle norme UNI.

Presenza di regolatore di flusso e **riduzione del flusso in misura superiore al 30%** entro le ore 24.00 (art. 9, comma 2, lettera d).

Rapporto tra **interdistanza/altezza** delle sorgenti luminose stradali non inferiore al valore di **3.7** (art. 11, comma a).

In particolare si certifica quanto segue:

Gli apparecchi utilizzati hanno ***emissione nulla verso l'alto***, comprovata allegando le **tabelle fotometriche numeriche** ed il **file eulumdat**, certificati e sottoscritti dal responsabile tecnico del laboratorio di misura.

Il ***rendimento*** degli apparecchi utilizzati, inteso come rapporto tra flusso uscente e flusso emesso è maggiore al 60%.

L '***efficienza*** delle sorgenti utilizzate è superiore a 60 lm/W e della loro resa cromatica.

L'utilizzo della ***norma tecnica UNI 13201 ed. 2004*** per la progettazione delle categorie illuminotecniche di progetto e di esercizio (vedi relazione tecnica per le scelte fatte).

Le ***luminanze*** o gli ***illuminamenti medi*** mantenuti **non sono superiori**, entro le **tolleranze** dell'ordine del + **15%**, a quelle previste per le categorie illuminotecniche di esercizio.

La percentuale di ***riduzione*** di flusso del 30% dalle ***ore 24.00 alle ore 06,00.***

Il rapporto interdistanza/altezza non è inferiore a 3.7

Il tecnico: Rossato Per. Ind. Roberto Data: Febbraio 2015