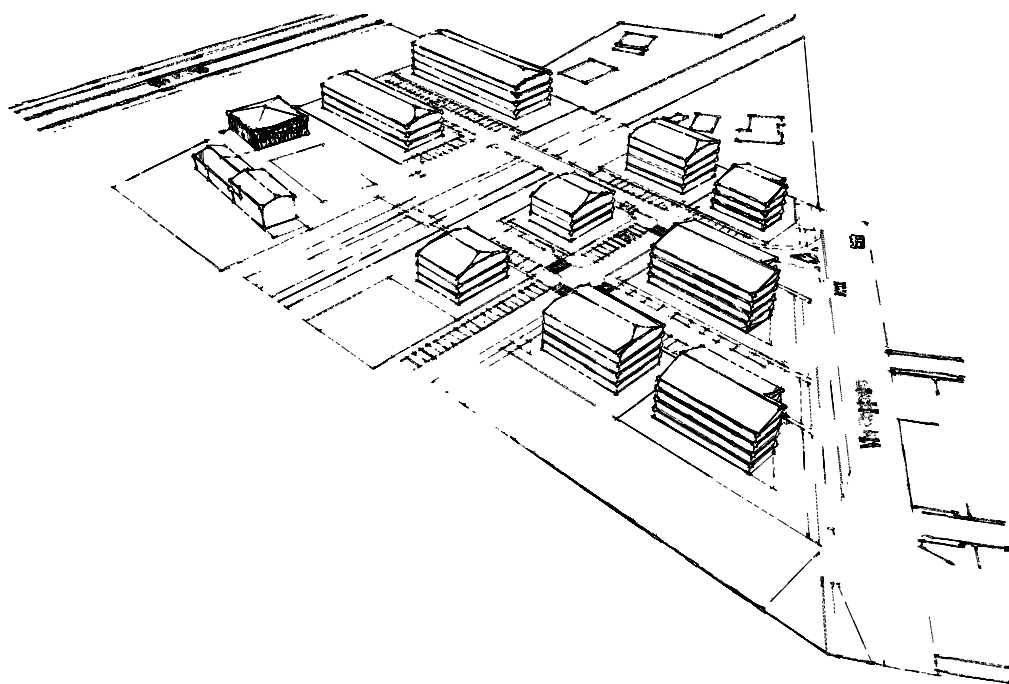


COMUNE DI FERRARA

PIANO URBANISTICO ATTUATIVO PER NUOVI INSEDIAMENTI RESIDENZIALI COMPARTI 5ANS_01 e 5ANS_03 VIALE DAVIDE MARIA TUROLODO-VIA COPPARO



PROPRIETA':

OSTI LEILA

Via Assiderato, n° 14 - Ferrara

SARA COSTRUZIONI s.r.l.

Via Ferrarese, n° 3 - Bologna

PROGETTO IMPIANTO DI ILLUMINAZIONE PUBBLICA:

imet
PROJECT
I.M.E.T. PROJECT
Via Bologna 292
44124 Ferrara
Tel 0532 90.91.10
info@imetproject.it

Dott. Ing. Fabio Cenacchi

DISEGNO:

CALCOLI ILLUMINOTECNICI, SCHEDE TECNICHE DEGLI
APPARECCHI, DIAGRAMMI FOTOMETRICI,
ISTRUZIONI DI MONTAGGIO

TAVOLA N°

22

SCALA:

DATA:

01/03/2017

AGGIORNAMENTI:

....

CALCOLI ILLUMINOTECNICI

PUA Via Copparo

Calcolo IP
Area strada e parcheggi

Data: 02.03.2017
Redattore:



Redattore
Telefono
Fax
e-Mail

Indice

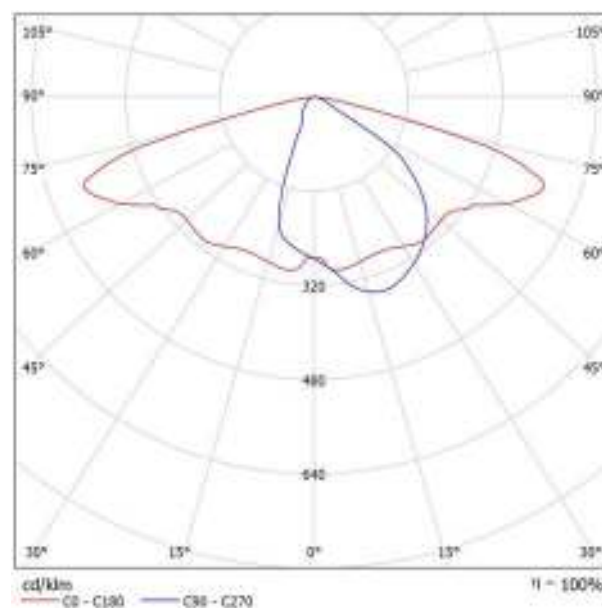
PUA Via Copparo	
Copertina progetto	1
Indice	2
AEC ILLUMINAZIONE SRL ITALO 2 0F2H1 STU-M 4.5-4M ITALO 2 0F2H1 STU-...	
Scheda tecnica apparecchio	3
Strada e parcheggi	
Dati di pianificazione	4
Lista pezzi lampade	5
Campi di valutazione	
Carreggiata	
Panoramica risultati	6

Redattore
Telefono
Fax
e-Mail

AEC ILLUMINAZIONE SRL ITALO 2 0F2H1 STU-M 4.5-4M ITALO 2 0F2H1 STU-M 4.5-4M / Scheda tecnica apparecchio

Emissione luminosa 1:

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



Classificazione lampade secondo CIE: 100
CIE Flux Code: 39 71 96 100 100

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

Redattore
Telefono
Fax
e-Mail

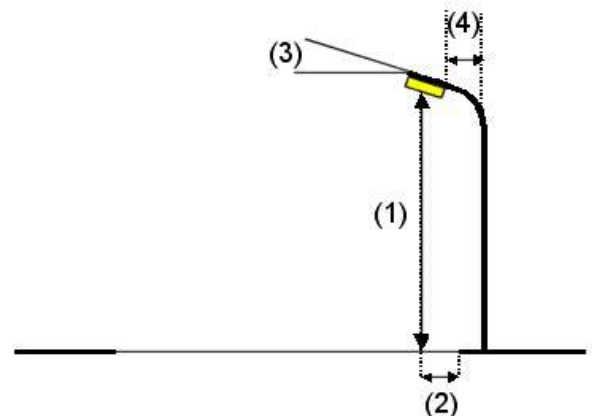
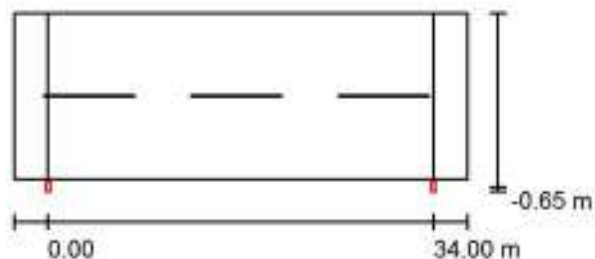
Strada e parcheggi / Dati di pianificazione

Profilo strada

Carreggiata (Larghezza: 14.500 m, Numero corsie: 2, Manto stradale: R3, q0: 0.070)

Fattore di manutenzione: 0.90

Disposizioni lampade



Lampada:

AEC ILLUMINAZIONE SRL ITALO 2 0F2H1 STU-M 4.5-4M ITALO 2 0F2H1 STU-M 4.5-4M

Flusso luminoso (Lampada):

6720 lm

Flusso luminoso (Lampadine):

6720 lm

Potenza lampade:

59.5 W

Disposizione:

un lato, in basso

Distanza pali:

34.000 m

Altezza di montaggio (1):

9.000 m

Altezza fuochi:

8.876 m

Distanza dal bordo stradale (2):

-0.650 m

Inclinazione braccio (3):

0.0 °

Lunghezza braccio (4):

0.000 m

Valori massimi dell'intensità luminosa

per 70°: 717 cd/klm

per 80°: 118 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 G2.

La disposizione rispetta la classe degli indici di abbagliamento D.3.

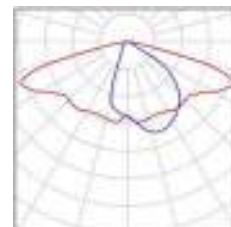


Redattore
Telefono
Fax
e-Mail

Strada e parcheggi / Lista pezzi lampade

AEC ILLUMINAZIONE SRL ITALO 2 0F2H1
STU-M 4.5-4M ITALO 2 0F2H1 STU-M 4.5-4M
Articolo No.: ITALO 2 0F2H1 STU-M 4.5-4M
Flusso luminoso (Lampada): 6720 lm
Flusso luminoso (Lampadine): 6720 lm
Potenza lampade: 59.5 W
Classificazione lampade secondo CIE: 100
CIE Flux Code: 39 71 96 100 100
Dotazione: 1 x L-IT2-0F2H1-4000-525-4M
(Fattore di correzione 1.000).

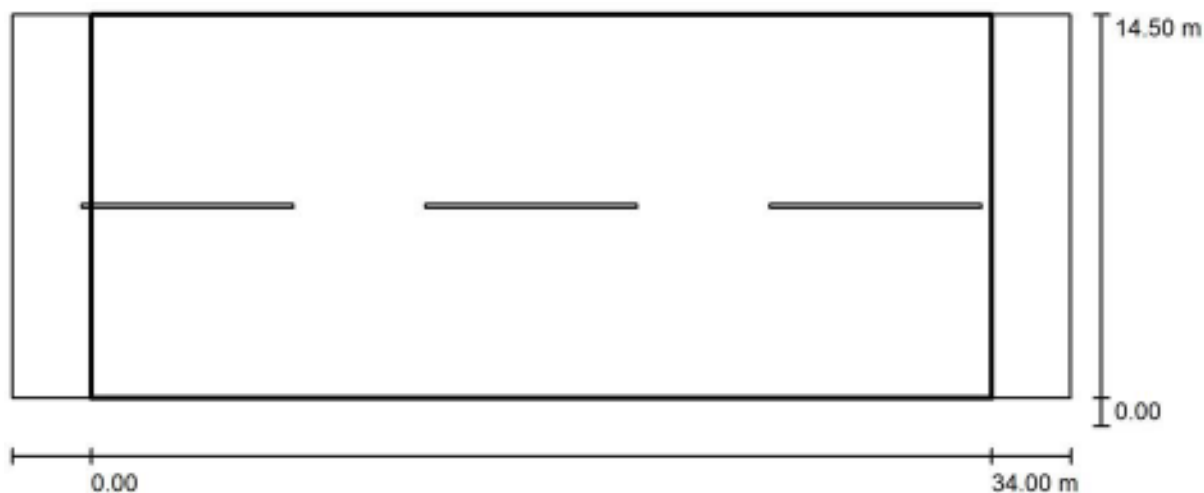
Per un'immagine della
lampada consultare il
nostro catalogo
lampade.





Redattore
Telefono
Fax
e-Mail

Strada e parcheggi / Carreggiata / Panoramica risultati



Fattore di manutenzione: 0.90

Scala 1:286

Reticolo: 12 x 10 Punti

Elementi stradali corrispondenti: Carreggiata.

Classe di illuminazione selezionata: S3

Classe di illuminazione ES supplementare: ES6

(Tutti i requisiti fotometrici sono rispettati.)

(Non tutti i requisiti fotometrici sono rispettati.)

Valori reali calcolati:

Valori nominali secondo la classe:

Rispettato/non rispettato:

E_m [lx]	E_{min} [lx]	E_{min} (semicil.) [lx]
8.42	1.52	0.41
≥ 7.50	≥ 1.50	≥ 1.50
✓	✓	✗

CALCOLO INDICE IPEA

IPEA per sorgenti LED

	Tipo di apparecchio	<i>Ottica stradale</i>	
	Marca e modello	<i>AEC talo 2 0FH1 STWU-M 4,5-4M</i>	
	Ambito principale di utilizzo	stradale e grandi aree	
	Tipo sorgente	LED	
Φ_{sorg}	flusso Modulo LED	6.720	lm
Preale	potenza reale apparecchio LED	59,5	W
	Dff	0,99	
η_R	efficienza globale di riferimento (da Allegato D)	81	lm/W
η_{app}	efficienza globale apparecchio ($\Phi_{sorg} \cdot P_{sorg} \cdot Dff$)	112	lm/W
IPEA (η_{app}/η_R)		1,38	A++



Indice di prestazione degli apparecchi di illuminazione

IPEA

DATI APPARECCHIO LED

Produttore: AEC Illuminazione S.r.l.
Apparecchio: ITALO 2 0F2H1 STU-M 4.5-4M

Tc: 4000 K
CRI: ≥ 70
Flusso apparecchio: 6720 lm
Potenza apparecchio: 57,0 W
Efficienza apparecchio: 118 lm/W

A++	IPEA > 1.15
A+	1.10 < IPEA < 1.15
A	1.05 < IPEA < 1.10
B	1.00 < IPEA < 1.05
C	0.93 < IPEA < 1.00
D	0.84 < IPEA < 0.93
E	0.75 < IPEA < 0.84
F	0.65 < IPEA < 0.75
G	IPEA < 0.65

CLASSIFICAZIONE ENERGETICA

Illuminazione stradale e di grandi aree	IPEA = 1,81	A++
Illuminazione di percorsi ciclopeditoni	IPEA = 2,11	A++
Illuminazione di aree verdi e parchi	IPEA = 2,14	A++
Illuminazione di centri storici con corpi illuminanti artistici	IPEA = 2,07	A++



Indice di prestazione degli apparecchi di illuminazione

IPEA

DATI APPARECCHIO LED

Produttore: AEC Illuminazione S.r.l.
Apparecchio: ITALO 2 0F2H1 SV 4.5-4M

Tc: 4000 K
CRI: ≥ 70
Flusso apparecchio: 6720 lm
Potenza apparecchio: 57,0 W
Efficienza apparecchio: 118 lm/W

A++	IPEA > 1.15
A+	1.10 < IPEA < 1.15
A	1.05 < IPEA < 1.10
B	1.00 < IPEA < 1.05
C	0.93 < IPEA < 1.00
D	0.84 < IPEA < 0.93
E	0.75 < IPEA < 0.84
F	0.65 < IPEA < 0.75
G	IPEA < 0.65

CLASSIFICAZIONE ENERGETICA

Illuminazione stradale e di grandi aree	IPEA = 1,81	A++
Illuminazione di percorsi ciclopeditoni	IPEA = 2,11	A++
Illuminazione di aree verdi e parchi	IPEA = 2,14	A++
Illuminazione di centri storici con corpi illuminanti artistici	IPEA = 2,07	A++



Indice di prestazione degli apparecchi di illuminazione

IPEA

DATI APPARECCHIO LED

Produttore: AEC Illuminazione S.r.l.
Apparecchio: ECOEVO 2 0F2H1 S05 4.5-2M

Tc: 4000 K
CRI: ≥ 70
Flusso apparecchio: 3220 lm
Potenza apparecchio: 31,0 W
Efficienza apparecchio: 104 lm/W

A++	IPEA > 1.15
A+	1.10 < IPEA < 1.15
A	1.05 < IPEA < 1.10
B	1.00 < IPEA < 1.05
C	0.93 < IPEA < 1.00
D	0.84 < IPEA < 0.93
E	0.75 < IPEA < 0.84
F	0.65 < IPEA < 0.75
G	IPEA < 0.65

CLASSIFICAZIONE ENERGETICA

Illuminazione stradale e di grandi aree	IPEA = 1,73	A++
Illuminazione di percorsi ciclopeditoni	IPEA = 2,08	A++
Illuminazione di aree verdi e parchi	IPEA = 2,12	A++
Illuminazione di centri storici con corpi illuminanti artistici	IPEA = 2,04	A++

CALCOLO INDICE IPEI

Calcola l' IPEI in illuminamento

	Ambito principale da illuminare		
	Tipo strada (PUT)	<i>F</i>	
	Descrizione tipo strada	<i>strade locali urbane (altre situazioni)</i>	
	specificata	<i>marciapiedi, percorsi ciclopedonali e parcheggi</i>	
	Categoria illuminotecnica	<i>P3</i>	
$E_{m,rif}$	Illuminamento di riferimento	7,5	lux
<i>l</i>	Larghezza carreggiata	14,5	m

per sorgenti LED

	Ambito principale da illuminare		
	Tipo strada (PUT)	<i>F</i>	
	Descrizione tipo strada	<i>strade urbane di scorrimento</i>	
	specificata	<i>marciapiedi, percorsi ciclopedonali e parcheggi</i>	
	Categoria illuminotecnica	<i>P3</i>	
$E_{m,rif}$	Illuminamento di riferimento	7,5	lux
<i>l</i>	Larghezza carreggiata	14,5	m

	Tipo di apparecchio	<i>Ottica Stradale/</i>	
	Marca e modello	<i>Italo 2 0F2H1 STU-M 4.5-4M</i>	
	Tipo sorgente	<i>LED</i>	
Φ_{sorg}	flusso Modulo LED	6.720	lm
P_{app}	potenza reale apparecchio LED	57	W

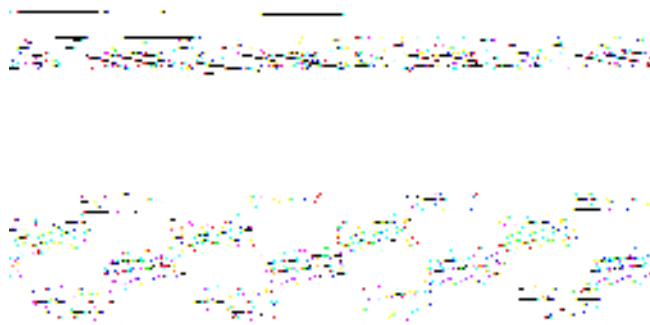
<i>i</i>	<i>interdistanza</i>	34	m
	<i>altezza sorgenti</i>	9	m
E_m	<i>Illuminamento medio mantenuto</i>	8,42	lux
	<i>Uo</i>		

<i>SE</i>	SLEEC in illuminamento [$P_{app}/(E_m \cdot i \cdot l)$]	0,01	W/[(lux)*mq]
<i>Kinst</i>	Costante d'installazione (0,524+ [$E_m/(E_{m,rif} \cdot 2,1)$])	1,06	

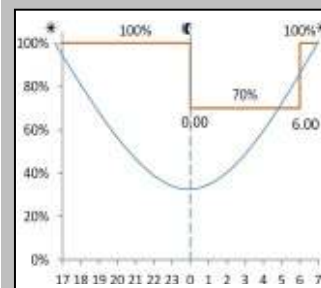
SE_R	SLEEC di riferimento	0,09	lm/W
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IPEI ($SE/SE_R \cdot Kinst$)		0,16	A++

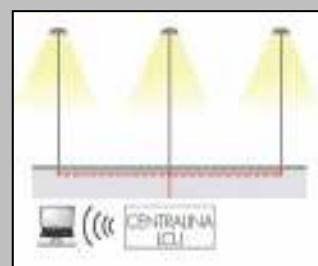
SCHEDE TECNICHE APPARECCHI



Profilo DA



PLM



ITALO 2

CARATTERISTICHE PRINCIPALI

Applicazioni	Illuminazione stradale e urbana
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) OP-DX / SX: Ottica asimmetrica per attraversamenti pedonali. (0F6) S05: Ottica asimmetrica per illuminazione stradale e urbana. (0F2H1) STA / STA1: Ottica asimmetrica per categorie V e P. (0F2) Temperatura di colore: 4000K (3000K, 5700K 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: 151 lm/W @ 525mA, Tj=85°C, 4000K
Classe di isolamento	I, II
Grado di protezione	IP66 IK09 Total
Moduli LED	Gruppo ottico rimovibile in campo
Inclinazione apparecchio	Testa palo 0°, +5°, +10°, +15°, +20° - Braccio: 0°, -5°, -10°, -15°, -20°
Dimensioni e peso	Vedere disegno – 12 kg
Superficie esposta	Laterale: 0.08m² - Pianta: 0.3m² SCx:0.06m²
Montaggio	Braccio o testa palo Ø60mm Ø33mm ÷ Ø60mm (in opzione) Ø60mm ÷ Ø76mm (in opzione)
Cablaggio	Piastra cablaggio rimovibile in campo
Temp. di esercizio	-40°C / +50°C
Temp. di stoccaggio	-40°C / + 80°C
Norme di riferimento	EN 60598-1, EN 60598-2-3, EN 62471, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3

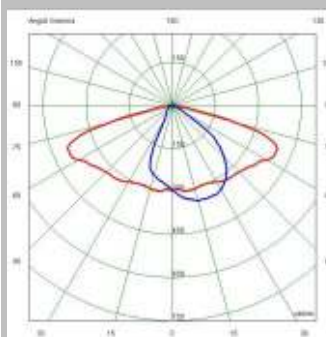


CARATTERISTICHE ELETTRICHE

CARATTERISTICHE ELETTRICHE		
Alimentazione	220÷240V 50/60Hz (Tolleranza standard ±10%. Altri voltaggi e tolleranze su richiesta)	
Corrente LED	525mA, 700mA	
Fattore di potenza	>0.9 (a pieno carico).	
Sezionatore	Incluso, con ferma cavo integrato	
Connessione rete	Per cavi sezione max 4mm ²	
Dispositivo di protezione surge	SPD integrato 10kV-10kA, type II, completo di LED di segnalazione e termofusibile per disconnessione del carico a fine vita.	
Sistema di controllo (optional)	F: Fisso non dimmerabile. (Versione base) DA: Dimmerazione automatica (mezzanotte virtuale) con profilo di default. DAC: Profilo DA custom. PLM: Sistema di comunicazione punto/punto ad onde convogliate. WL: Sistema di comunicazione punto/punto ad onde radio.	
Vita gruppo ottico (Tq=25°C)	525mA	700mA
	>90.000hr L80B10 (inclusi guasti critici) >100.000hr L80, TM21	>60.000hr L80B10 (inclusi guasti critici) >100.000hr L80, TM21

MATERIALI

Attacco	Alluminio pressofuso UNI EN1706. Verniciato a polveri.
Dissipatore	
Telaio	
Copertura	
Gancio chiusura	Alluminio estruso. Molla in acciaio inox.
Gruppo ottico	Alluminio 99.85% con finitura superficiale realizzata con deposizione sotto vuoto 99.95%. Alluminio classe A+ (DIN EN 16268)
Schermo	Vetro piano temperato sp. 5mm ad elevata trasparenza.
Pressacavo	Plastico M20x1.5 - IP68
Guarnizione	Poliuretana
Colore	Grigio satinato semilucido. Cod. 2B



Optica STU-M

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



APPARECCHIO	Corrente LED (mA)	OTTICA	FLUSSO APPARECCHIO ¹ (Tq=25°C, 4000K, lm)	POTENZA APPARECCHIO ¹ (Tq=25°C, Vin=230Vac, F / DA / DAC, W)	EFFICIENZA APPARECCHIO (Tq=25°C, lm/W)	FLUSSO NOMINALE LED ² (Tj=85°C, 4000K, lm)	POTENZA NOMINALE LED ² (Tj=85°C, W)
ITALO 2 0F2H1 4.5-4M	525	STU-S STU-M SV S05	6720	57	118	7758	52
ITALO 2 0F2H1 4.5-5M			8310	74	112	9697	65
ITALO 2 0F2H1 4.5-6M			9930	89	112	11637	78
ITALO 2 0F2H1 4.5-7M			11440	104	110	13576	91
ITALO 2 0F2H1 4.5-8M			12970	116	112	15516	104
ITALO 2 0F2H1 4.7-4M	700	STU-S STU-M SV S05	8510	76	112	9820	70
ITALO 2 0F2H1 4.7-5M			10600	99	107	12275	87
ITALO 2 0F2H1 4.7-6M			12520	117	107	14730	105
ITALO 2 0F2H1 4.7-7M			14360	136	106	17185	122
ITALO 2 0F2H1 4.7-8M			16240	152	107	19640	140
ITALO 2 0F3 4.5-4M	525	STE-S STE-M STW	9080	77	118	10428	69
ITALO 2 0F3 4.5-5M			11450	98	117	13035	86
ITALO 2 0F3 4.5-6M			13470	115	117	15642	103
ITALO 2 0F3 4.5-7M			15400	132	117	18249	121
ITALO 2 0F3 4.5-8M			17670	150	118	20856	138
ITALO 2 0F3 4.7-4M	700	STE-S STE-M STW	11280	98	115	13200	93
ITALO 2 0F3 4.7-5M			14110	127	111	16500	116
ITALO 2 0F3 4.7-6M			16630	148	112	19800	140
ITALO 2 0F6 4.5-3M	525	OP-DX OP-SX	13470	115	117	15642	103
ITALO 2 0F6 4.5-4M			17670	151	117	20856	138
ITALO 2 0F6 4.7-3M	700	OP-DX OP-SX	16630	148	112	19800	140

APPARECCHIO	Corrente LED (mA)	OTTICA	FLUSSO APPARECCHIO ¹ (Tq=25°C, 4000K, lm)	POTENZA APPARECCHIO ¹ (Tq=25°C, Vin=230Vac, F / DA / DAC, W)	EFFICIENZA APPARECCHIO (Tq=25°C, lm/W)	FLUSSO NOMINALE LED ² (Tj=85°C, 4000K, lm)	POTENZA NOMINALE LED ² (Tj=85°C, W)
ITALO 2 0F2 4.5-4M	525	STA STA1	5700	51	112	6952	46
ITALO 2 0F2 4.5-5M			7050	66	107	8690	57
ITALO 2 0F2 4.5-6M			8430	79,5	106	10428	69
ITALO 2 0F2 4.5-7M			9710	92,5	105	12166	80
ITALO 2 0F2 4.5-8M			11000	104	106	13904	92
ITALO 2 0F2 4.7-4M	700	STA STA1	7220	68	106	8800	62
ITALO 2 0F2 4.7-5M			8990	88	102	11000	78
ITALO 2 0F2 4.7-6M			10620	104	102	13200	93
ITALO 2 0F2 4.7-7M			12180	121	101	15400	109
ITALO 2 0F2 4.7-8M			13780	136	101	17600	124

Nella tabella sopra 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.

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

Moltiplicatore per ottenere il flusso e la potenza in funzione di Tq		
Tq (°C)	Moltiplicatore flusso	Moltiplicatore potenza
50	0,94	0,99
40	0,96	-
25	1	1
15	1,02	-
5	1,05	-
0	1,05	1,01

Moltiplicatore per ottenere il flusso e la potenza in funzione di Tk		
Tk (K)	Moltiplicatore flusso	Moltiplicatore potenza
3000	0,93	1,01
4000	1	1
5700	1	1,01

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.



APPARECCHIO	Corrente LED (mA)	OTTICA	INRUSH CURRENT Duration 50%pk (µs)	INRUSH CURRENT Peak (A)	MCB B-Type 10A / 16A / 25A	PROTEZIONE SOVRATENSIONI CL.I (CM / DM, kV)	PROTEZIONE SOVRATENSIONI CL.II (CM / DM, kV)
ITALO 2 0F2H1 4.5-4M	525	STU-S STU-M SV S05	200	53	7 / 12 / 21	10 / 10	9 / 10
ITALO 2 0F2H1 4.5-5M			330	40	6 / 12 / 24	10 / 10	9 / 10
ITALO 2 0F2H1 4.5-6M			330	40	6 / 12 / 24	10 / 10	9 / 10
ITALO 2 0F2H1 4.5-7M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F2H1 4.5-8M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F2H1 4.7-4M	700	STU-S STU-M SV S05	210	57	7 / 12 / 21	10 / 10	9 / 10
ITALO 2 0F2H1 4.7-5M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F2H1 4.7-6M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F2H1 4.7-7M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F2H1 4.7-8M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F3 4.5-4M	525	STE-S STE-M STW	330	40	7 / 12 / 21	10 / 10	9 / 10
ITALO 2 0F3 4.5-5M			330	40	6 / 12 / 24	10 / 10	9 / 10
ITALO 2 0F3 4.5-6M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F3 4.5-7M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F3 4.5-8M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F3 4.7-4M	700	STE-S STE-M STW	360	58	7 / 12 / 21	10 / 10	9 / 10
ITALO 2 0F3 4.7-5M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F3 4.7-6M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F6 4.5-3M	525	OP-DX OP-SX	330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F6 4.5-4M			330	62	4 / 8 / 14	10 / 10	9 / 10
ITALO 2 0F6 4.7-3M	700	OP-DX OP-SX	330	62	4 / 8 / 14	10 / 10	9 / 10

NOTA 1: Il numero di apparecchi sotto un MCB trifase è calcolato moltiplicando per 3 il numero nella tabella. Questi valori si basano sui dati dichiarati dal produttore degli alimentatori e testati su caso peggiore del modello MCB. Un limitatore di corrente di spunto (ad esempio Finder SSR 77.11.x.xxx.8250 (15A) o 77.31.x.xxx.8050 modello (30A)) può migliorare il numero massimo di apparecchi sotto il MCB

NOTA 2: produttore degli alimentatori non ha mai fatto valutazioni su 50A o 63A MCB. Quindi non possiamo dichiarare nulla sull'utilizzo di MCB superiore a 25A.



RILIEVI FOTOMETRICI IN FORMATO TABELLARE
FIRMATE DAL RESPONSABILE DEL LABORATORIO

Photometric Test Report



light
life

Costruttore	AEC ILLUMINAZIONE SRL
Tipo di prodotto	Outdoor Lighting Luminaire
Codice fotometria	ITALO 2 0F2H1 STU-M 4.5-4M
Codice apparecchio	ITALO 2 0F2H1 STU-M 4.5-4M
Rilievo fotometrico	AEC14375
Descrizione apparecchio	ITALO 2 0F2H1 STU-M 4.5-4M
Data delle prove	09/03/2016

Foto del prodotto



Responsabile laboratorio fotometrico	Luca Vagheggi	
Tecnico laboratorio che ha eseguito la misura	Alessio Vagheggi	





Sommario e Allegati

Sommario	Dati apparecchio	
	Normative di riferimento	
	Procedure di riferimento	
	Condizioni di prova	
	Risultati fotometrici	
	Lista strumentazione	
	Incertezza strumentale	
Allegati	Dati Generali	X
	Tabella fotometrica delle Intensità (cd/Klm)	X
	Tabella fotometrica delle Intensità (cd)	
	Diagramma Polare	
	Diagramma Cartesiano	
	Valutazione UGR	
	Diagramma Sollner Abbagliamento	
	Flusso Zonale	
	Coefficienti di Utilizzazione	
	Isolux Unitario	
	Isocandele Percentuale	
	Tabella e Diagramma Luminanza	
	Classificazione Strade	
	Classificazione Strade IES TM-15	





DATI APPARECCHIO

Geometria apparecchio	Rettangolare		
Dimensioni apparecchio (mm)	Lunghezza / Diametro	Larghezza	Altezza
	805	432	124
Dimensioni area luminosa (mm)	Lunghezza / Diametro	Larghezza	Altezza C0
	120	220	0
	Altezza C90	Altezza C180	Altezza C270
	0	0	0
Tipo sorgente	LED		
Modello sorgente	Luxeon-M, Luxeon-T		
Tipo Alimentatore	Electronic		
Modello Alimentatore	Osram OT		

NORMATIVE DI RIFERIMENTO

Normative di riferimento	UNI EN 13032-1:2012 UNI 11356:2010 IES LM-79-08
Valutazione luce parassita	In accordo con Annex A UNI EN 13032-1

PROCEDURE DI RIFERIMENTO

Procedure di riferimento	I-QL-009
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CONDIZIONI DI PROVA

Laboratorio fotometrico	Interno AEC ILLUMINAZIONE srl, in regime di sistema di qualità aziendale certificato ISO 9001:2008, autorizzato UL	
Condizioni Ambientali	Temperatura ambiente °C	25 ± 1
	Umidità relativa	< 60
	Movimento aria	< 0,2
Condizioni Elettriche	Tensione di alimentazione	230V AC ± 0,2%
	Frequenza di alimentazione	50 Hz ± 0,1%
	Distorsione armonica THD V	< 0,5%
Condizioni Preliminari Prova	Metodo di misura	Goniofotometro Sfera- spettroradiometro
	Sistema di riferimento misura	Sistema C-y
	Posizione di misura	Verticale (Gonio) Orizzontale (Sfera)
	Distanza di misura (m)	9,03
	Tempo di stabilizzazione (min)	75
	Instabilità sorgente	< 0,5%

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.





RISULTATI FOTOMETRICI

Tipo di misura fotometrica	Assoluta
LOR	100.0
Flusso luminoso apparecchio (lm)	6720
Potenza ingresso apparecchio (W)	59.0
Efficienza apparecchio (lm/W)	114
Note e commenti	

LISTA STRUMENTAZIONE

CODICE AEC	STRUMENTO	COSTRUTTORE	MODELLO
Q129	Luxmetro	Czibula&Grundmann	100310
Q130	Goniofotometro	Oxytech	T2
Q131	Termoigrometro	Delta Ohm	HD2001
Q132	Wattmetro	N4L	PPA2510
Q135	Stabilizzatore	Elettrotest	TPS/M/9KW
Q190	Sfera Integratrice	Labsphere	LMS65
Q195	Spettroradiometro	Labsphere	CDS610

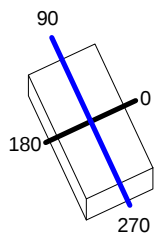
INCERTEZZA STRUMENTALE

Encoder goniofotometro Oxytech T2	Precisione angolare in C – gamma	$\pm 0.044^\circ$
Luxmetro C&G	f1'	$< 1.23\%$
Spettroradiometro	Incetezza lunghezza d'onda	$< 0.5\text{nm}$
	Incetezza coordinate cromatiche	± 0.003
Wattmetro Kinetiq N4L PPA2510	Accuratezza di potenza	$< [0.05\% + 0.03\%/pf + (0.01\%/kHz)/pf]$ Rdg + 0.05%VA Rng



Apparecchio			Rilievo			Lampada	
Codice	ITALO 2 0F2H1 STU-M 4.5-4M		Codice	AEC14375		Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 STU-M 4.5-4M		Nome	ITALO 2 0F2H1 STU-M 4.5-4M		Numero	1
Archivio	Eulumdat		Data	09-03-2016		Posizione	
Flusso Apparecchio		6720.00 lm	Potenza Apparecchio		59.50 W	Efficacia	112.94 lm/W
Flusso Lampade		6720.00 lm	Valore Massimo		714.26 cd/klm	Posizione	C=20.00 G=69.00
Apparecchio Rettangolare		Lung.	805 mm	Larg.	432 mm	Alt.	124 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	
Sistema Coordinate		CG	Tipo di Simmetria		Asimmetrico		
Data		09-03-2016	Massimo Angolo Gamma		180		
Lampade Apparecchio							
Archivio	Codice	Nome	Flusso [lm]		Pot. [W]	Q.tà	
	L-IT2-0F2H1-4000-525-4M	L-IT2-0F2H1-4000-525-4M - 59.50 W	6720.00		59.50	1	
C.I.E.	39 71 96 100 100	D DIN 5040		A20			
F UTE	1.00 G	B NBN		BZ 5			

805mm x 432mm



Semipiani C

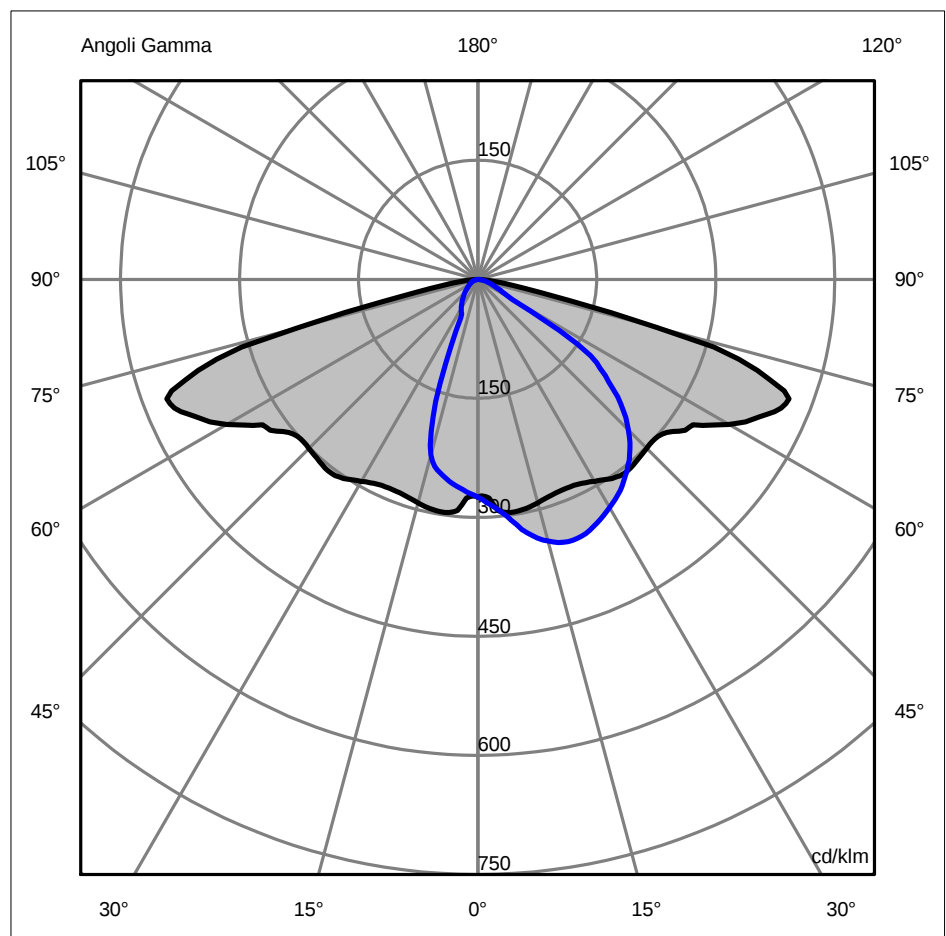
180.0 — 0.0

270.0 — 90.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %





Apparecchio					Rilievo					Lampada																			
Codice	ITALO 2 0F2H1 STU-M 4.5-4M				Codice	AEC14375				Codice	L-IT2-0F2H1-4000-525-4M																		
Nome	ITALO 2 0F2H1 STU-M 4.5-4M				Nome	ITALO 2 0F2H1 STU-M 4.5-4M				Numero	1																		
Archivio	Eulumdat				Data	09-03-2016				Posizione																			
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%															
Flusso Lampade		6720.00 lm		Valore Massimo		714.26 cd/klm		Posizione		C=20.00 G=69.00		CG		Asimmetrico															
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	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48														
G 1.0	272.98	272.82	274.86	273.14	275.38	274.10	276.05	274.87	276.51	275.64	276.57	276.82	277.04	277.04	277.04														
G 2.0	273.86	272.84	274.44	273.71	275.25	275.29	276.39	276.18	277.26	277.08	277.65	278.34	279.02	279.02	279.02														
G 3.0	276.07	273.70	275.45	275.30	277.08	277.20	278.62	278.78	279.84	280.01	280.37	281.33	281.23	281.23	281.23														
G 4.0	284.90	275.49	276.91	277.38	278.94	279.95	281.46	282.00	282.73	283.51	283.93	284.76	284.69	284.69	284.69														
G 5.0	292.25	283.98	282.07	284.84	282.78	285.43	284.96	286.02	286.42	287.40	287.33	288.96	288.83	288.83	288.83														
G 6.0	294.38	292.58	293.05	295.40	294.67	297.51	294.26	295.94	292.08	292.22	291.60	292.76	292.76	292.76	292.76														
G 7.0	295.86	295.81	298.65	299.85	302.76	304.38	303.88	305.89	302.59	302.40	297.68	298.05	296.71	296.71	296.71														
G 8.0	296.53	297.75	301.38	303.37	306.60	308.77	310.75	311.77	311.92	311.57	307.14	305.92	301.94	301.94	301.94														
G 9.0	296.63	299.00	303.39	306.24	310.66	312.96	315.40	317.07	317.97	318.88	315.92	314.47	309.43	309.43	309.43														
G 10.0	296.26	299.67	304.96	308.31	313.38	316.62	319.27	321.92	323.29	323.99	323.31	323.05	316.70	316.70	316.70														
G 11.0	295.60	299.51	305.76	309.64	315.60	319.39	322.85	325.52	327.88	329.07	328.60	329.30	325.24	325.24	325.24														
G 12.0	294.74	299.32	306.16	310.63	317.29	321.38	325.61	328.77	331.80	333.58	334.01	334.57	332.58	332.58	332.58														
G 13.0	293.78	298.85	306.47	311.64	318.69	322.82	328.19	331.68	335.86	337.74	338.95	339.24	337.76	337.76	337.76														
G 14.0	292.61	298.17	306.56	312.09	319.87	324.51	330.34	334.27	339.07	341.44	343.39	343.52	341.87	341.87	341.87														
G 15.0	291.46	297.48	306.44	312.49	320.45	325.52	332.25	336.94	341.95	344.89	346.61	347.60	345.56	345.56	345.56														
G 16.0	290.14	296.82	306.32	312.58	321.13	326.73	333.81	339.10	344.88	347.66	350.10	350.82	349.22	349.22	349.22														
G 17.0	289.10	296.04	306.07	312.78	321.77	327.64	335.45	340.87	347.03	350.42	353.00	353.51	352.26	352.26	352.26														
G 18.0	288.06	295.38	305.94	313.01	322.30	328.57	336.88	342.63	349.12	352.42	355.33	356.23	355.00	355.00	355.00														
G 19.0	287.27	295.00	306.00	313.21	322.93	329.42	338.32	344.02	350.85	354.21	357.68	358.23	357.09	357.09	357.09														
G 20.0	286.57	294.63	305.95	313.56	323.60	330.56	339.36	345.33	352.31	355.35	358.95	359.48	358.71	358.71	358.71														
G 21.0	286.17	294.51	306.24	313.99	324.17	331.47	340.61	346.35	353.28	355.97	359.81	360.27	359.78	359.78	359.78														
G 22.0	285.87	294.55	306.61	314.67	324.84	332.47	341.64	346.94	353.88	356.21	360.16	360.30	359.93	359.93	359.93														
G 23.0	285.86	294.82	307.11	315.45	325.79	333.42	342.52	347.58	354.26	355.94	359.87	359.74	359.74	359.74	359.74														
G 24.0	285.98	295.34	307.91	316.38	326.91	334.31	343.17	347.63	354.18	355.37	358.97	358.69	358.99	358.99	358.99														
G 25.0	286.44	296.20	308.79	317.32	327.76	335.28	343.75	347.77	353.65	354.33	357.59	357.22	357.77	357.77	357.77														
G 26.0	287.24	297.30	310.12	318.63	328.87	336.00	344.12	347.52	352.38	352.54	355.87	355.07	356.13	356.13	356.13														
G 27.0	288.40	299.13	311.69	320.19	330.12	336.83	344.21	346.84	351.40	350.64	353.99	352.93	354.24	354.24	354.24														
G 28.0	289.94	300.93	313.63	321.82	331.54	337.62	344.26	345.95	349.85	348.67	351.67	350.78	352.49	352.49	352.49														
G 29.0	291.67	303.31	316.06	323.95	332.86	338.37	343.95	344.55	347.82	346.09	348.98	348.51	350.41	350.41	350.41														
G 30.0	293.80	305.99	318.98	326.61	334.59	338.99	343.64	343.25	345.46	343.54	346.33	346.15	348.48	348.48	348.48														
G 31.0	295.79	309.37	322.44	329.22	336.39	339.62	342.95	341.30	343.32	340.90	343.53	343.85	346.73	346.73	346.73														
G 32.0	297.93	312.79	325.67	332.59	338.30	340.06	342.29	339.08	340.12	338.05	341.13	341.52	344.88	344.88	344.88														
G 33.0	300.29	316.14	330.00	335.96	340.20	340.56	340.98	336.85	337.70	335.45	338.65	339.49	343.21	343.21	343.21														
G 34.0	302.53	319.87	334.39	340.17	342.42	341.12	339.93	334.43	334.91	332.37	336.49	337.93	341.46	341.46	341.46														
G 35.0	304.10	323.12	339.26	344.35	344.82	341.65	338.45	331.94	332.01	330.48	334.49	336.43	340.06	340.06	340.06														
G 36.0	305.49	326.72	344.08	348.78	347.12	341.99	337.02	329.46	329.38	328.31	332.89	334.74	338.62	338.62	338.62														
G 37.0	306.22	329.72	348.46	353.32	349.67	342.35	335.53	326.90	327.23	326.94	331.45	333.22	336.84	336.84	336.84														
G 38.0	306.30	332.33	352.66	357.62	352.74	342.60	333.69	324.71	325.24	325.77	330.18	331.65	335.03	335.03	335.03														
G 39.0	305.81	334.40	357.30	361.95	355.14	342.79	332.09	322.30	323.61																				



Apparecchio				Rilievo				Lampada							
Codice	ITALO 2 0F2H1 STU-M 4.5-4M			Codice	AEC14375			Codice	L-IT2-0F2H1-4000-525-4M						
Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Numero	1						
Archivio	Eulumdat			Data	09-03-2016			Posizione							
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%	
Flusso Lampade		6720.00 lm		Valore Massimo		714.26 cd/klm		Posizione		C=20.00 G=69.00		CG Asimmetrico			
Tabella Intensità Luminose - cd/klm															
	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	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	
G 1.0	277.28	277.10	277.57	277.27	277.07	276.95	277.07	277.27	277.57	277.10	277.28	277.04	276.82	278.34	
G 2.0	279.52	280.11	280.66	280.61	280.24	280.39	280.24	280.61	280.66	280.11	279.52	279.02	278.34	281.33	
G 3.0	282.20	282.71	283.51	283.89	283.68	283.60	283.68	283.89	283.51	282.71	282.20	281.23	281.33	284.69	
G 4.0	285.63	285.86	286.65	287.28	287.81	287.07	287.81	287.28	286.65	285.86	285.63	284.69	288.96	288.96	
G 5.0	289.57	289.35	290.32	290.45	291.94	291.12	291.94	290.45	290.32	289.35	289.57	288.83	288.96	292.76	
G 6.0	293.71	293.34	294.40	294.86	296.09	295.80	296.09	294.86	294.40	293.34	293.71	292.76	292.76	298.05	
G 7.0	297.99	297.52	299.51	299.50	301.48	300.44	301.48	299.50	299.51	297.52	297.99	296.71	298.05	305.92	
G 8.0	302.92	302.95	304.71	304.61	307.05	306.65	307.05	304.61	304.71	302.95	302.92	301.94	305.92	314.47	
G 9.0	308.64	308.42	310.06	311.01	314.03	312.88	314.03	311.01	310.06	308.42	308.64	309.43	314.47	323.05	
G 10.0	315.05	313.07	315.86	316.34	320.12	319.75	320.12	316.34	315.86	313.07	315.05	316.70	323.05	329.30	
G 11.0	321.39	317.90	319.68	321.25	324.95	325.10	324.95	321.25	319.68	317.90	321.39	325.24	329.30	334.57	
G 12.0	327.44	322.28	322.95	325.81	329.02	329.82	329.02	325.81	322.95	322.28	327.44	332.58	334.57	339.24	
G 13.0	333.42	327.66	325.52	328.96	332.78	334.53	332.78	328.96	325.52	327.66	333.42	337.76	339.24	343.52	
G 14.0	338.91	331.91	328.41	331.71	335.49	338.25	335.49	331.71	328.41	331.91	338.91	341.87	343.52	347.60	
G 15.0	343.06	335.17	331.08	333.53	338.32	341.44	338.32	333.53	331.08	335.17	343.06	345.56	347.60	350.82	
G 16.0	346.21	339.43	333.74	335.08	340.21	344.24	340.21	335.08	333.74	339.43	346.21	349.22	350.82	353.51	
G 17.0	348.90	342.79	336.07	336.26	341.74	346.67	341.74	336.26	336.07	342.79	348.90	352.26	353.51	356.23	
G 18.0	351.33	345.85	337.31	336.89	342.47	348.38	342.47	336.89	337.31	345.85	351.33	355.00	356.23	359.48	
G 19.0	353.02	347.96	338.42	336.85	342.85	349.46	342.85	336.85	338.42	347.96	353.02	357.09	358.23	360.27	
G 20.0	354.45	349.02	339.22	336.51	342.65	349.93	342.65	336.51	339.22	349.02	354.45	358.71	359.48	363.30	
G 21.0	355.09	349.70	340.07	336.06	341.79	349.79	341.79	336.06	340.07	349.70	355.09	359.78	360.27	365.79	
G 22.0	355.18	349.90	340.51	335.40	340.54	349.13	340.54	335.40	340.51	349.90	355.18	359.93	360.30	368.34	
G 23.0	354.73	349.75	340.68	334.36	338.59	347.86	338.59	334.36	340.68	349.75	354.73	359.74	360.30	370.82	
G 24.0	354.19	349.38	340.39	333.18	336.51	346.04	336.51	333.18	340.39	349.38	354.19	358.99	360.30	373.43	
G 25.0	353.18	348.69	339.24	331.73	334.25	343.98	334.25	331.73	339.24	348.69	353.18	357.77	360.30	376.04	
G 26.0	351.83	347.86	338.33	330.31	331.85	341.99	331.85	330.31	338.33	347.86	351.83	356.13	355.07	378.65	
G 27.0	350.58	346.82	337.59	328.84	329.55	339.41	329.55	328.84	337.59	346.82	350.58	354.24	352.93	381.26	
G 28.0	349.18	345.88	336.79	327.52	327.23	337.14	327.23	327.52	336.79	345.88	349.18	352.49	350.78	383.87	
G 29.0	347.95	345.24	336.27	326.62	325.15	334.54	325.15	326.62	336.27	345.24	347.95	350.41	348.51	386.48	
G 30.0	346.52	344.50	335.59	325.65	322.60	332.07	322.60	325.65	335.59	344.50	346.52	348.48	346.15	389.09	
G 31.0	345.28	343.82	335.21	324.86	320.43	329.27	320.43	324.86	335.21	343.82	345.28	346.73	343.85	391.70	
G 32.0	343.95	343.14	334.97	323.97	318.19	326.74	318.19	323.97	334.97	343.14	343.95	344.88	341.52	394.31	
G 33.0	342.78	342.58	334.29	323.13	316.04	323.75	316.04	323.13	334.29	342.58	342.78	343.21	339.49	396.92	
G 34.0	341.34	341.42	333.66	322.12	313.19	320.92	313.19	322.12	333.66	341.42	341.34	341.46	337.93	399.53	
G 35.0	339.82	339.95	332.45	320.59	310.54	317.24	310.54	320.59	332.45	339.95	339.82	340.06	336.43	402.14	
G 36.0	338.18	338.53	330.96	318.76	307.42	313.29	307.42	318.76	330.96	338.53	338.18	338.62	334.74	404.75	
G 37.0	336.01	336.53	329.05	316.71	304.00	309.20	304.00	316.71	329.05	336.53	336.01	336.84	332.22	407.36	
G 38.0	333.69	334.29	326.39	314.21	300.78	305.61	300.78	314.21	326.39	334.29	333.69	335.03	331.65	410.00	
G 39.0	330.96	331.44	323.43	311.14	296.93	300.84	296.93	311.14	323.43	331.44	330.96	332.64	330.21	412.61	
G 40.0	327.80	327.58	319.75	307.43	292.58	296.97	292.58	307.43	319.75	327.58	327.80	330.11	328.55	415.22	
G 41.0															

Apparecchio				Rilievo				Lampada							
Codice	ITALO 2 0F2H1 STU-M 4.5-4M			Codice	AEC14375			Codice	L-IT2-0F2H1-4000-525-4M						
Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Numero	1						
Archivio	Eulumdat			Data	09-03-2016			Posizione							
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%	
Flusso Lampade		6720.00 lm		Valore Massimo		714.26 cd/klm		Posizione		C=20.00 G=69.00		CG		Asimmetrico	
Tabella Intensità Luminosa - 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	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	
G 1.0	276.57	275.64	276.51	274.87	276.05	274.10	275.38	273.14	274.86	272.82	272.98	272.06	272.98	272.98	
G 2.0	277.65	277.08	277.26	276.18	276.39	275.29	275.25	273.71	274.44	272.84	273.86	272.14	272.85	272.85	
G 3.0	280.37	280.01	279.84	278.78	278.62	277.20	277.08	275.30	275.45	273.70	276.07	272.69	273.19	273.19	
G 4.0	283.93	283.51	282.73	282.00	281.46	279.95	278.94	277.38	276.91	275.49	284.90	275.15	278.22	278.22	
G 5.0	287.33	287.40	286.42	286.02	284.96	285.43	282.78	284.84	282.07	283.98	292.25	285.43	287.61	287.61	
G 6.0	291.60	292.22	292.08	295.94	294.26	297.51	294.67	295.40	293.05	292.58	294.38	290.68	290.54	290.54	
G 7.0	297.68	302.40	302.59	305.89	303.88	304.38	302.76	299.85	298.65	295.81	295.86	292.14	291.29	291.29	
G 8.0	307.14	311.57	311.92	311.77	310.75	308.77	306.60	303.37	301.38	297.75	296.53	292.87	291.51	291.51	
G 9.0	315.92	318.88	317.97	317.07	315.40	312.96	310.66	306.24	303.39	299.00	296.63	292.73	290.79	290.79	
G 10.0	323.31	323.99	323.29	321.92	319.27	316.62	313.38	308.31	304.96	299.67	296.26	292.21	289.64	289.64	
G 11.0	328.60	329.07	327.88	325.52	322.85	319.39	315.60	309.64	305.76	299.51	295.60	291.10	288.61	288.61	
G 12.0	334.01	333.58	331.80	328.77	325.61	321.38	317.29	310.63	306.16	299.32	294.74	289.83	287.08	287.08	
G 13.0	338.95	337.74	335.86	331.68	328.19	322.82	318.69	311.64	306.47	298.85	293.78	288.64	285.52	285.52	
G 14.0	343.39	341.44	339.07	334.27	330.34	324.51	319.87	312.09	306.56	298.17	292.61	287.22	283.57	283.57	
G 15.0	346.61	344.89	341.95	336.94	332.25	325.52	320.45	312.49	306.44	297.48	291.46	285.76	281.54	281.54	
G 16.0	350.10	347.66	344.88	339.10	333.81	326.73	321.13	312.58	306.32	296.82	290.14	283.89	279.76	279.76	
G 17.0	353.00	350.42	347.03	340.87	335.45	327.64	321.77	312.78	306.07	296.04	289.10	282.76	278.20	278.20	
G 18.0	355.33	352.42	349.12	342.63	336.88	328.57	322.30	313.01	305.94	295.38	288.06	281.23	276.46	276.46	
G 19.0	357.68	354.21	350.85	344.02	338.32	329.42	322.93	313.21	306.00	295.00	287.27	280.08	274.95	274.95	
G 20.0	358.95	355.35	352.31	345.33	339.36	330.56	323.60	313.56	305.95	294.63	286.57	279.05	273.46	273.46	
G 21.0	359.81	355.97	353.28	346.35	340.61	331.47	324.17	313.99	306.24	294.51	286.17	278.28	272.31	272.31	
G 22.0	360.16	356.21	353.88	346.94	341.64	332.47	324.84	314.67	306.61	294.55	285.87	277.51	271.35	271.35	
G 23.0	359.87	355.94	354.26	347.58	342.52	333.42	325.79	315.45	307.11	294.82	285.86	277.02	270.58	270.58	
G 24.0	358.97	355.37	354.18	347.63	343.17	334.31	326.91	316.38	307.91	295.34	285.98	276.73	269.64	269.64	
G 25.0	357.59	354.33	353.65	347.77	343.75	335.28	327.76	317.32	308.79	296.20	286.44	276.57	268.81	268.81	
G 26.0	355.87	352.54	352.38	347.52	344.12	336.00	328.87	318.63	310.12	297.30	287.24	276.68	268.26	268.26	
G 27.0	353.99	350.64	351.40	346.84	344.21	336.83	330.12	320.19	311.69	299.13	288.40	276.88	267.75	267.75	
G 28.0	351.67	348.67	349.85	345.95	344.26	337.62	331.54	321.82	313.63	300.93	289.94	277.38	267.27	267.27	
G 29.0	348.98	346.09	347.82	344.55	343.95	338.37	332.86	323.95	316.06	303.31	291.67	278.13	266.71	266.71	
G 30.0	346.33	343.54	345.46	343.25	343.64	338.99	334.59	326.61	318.98	305.99	293.80	278.85	266.23	266.23	
G 31.0	343.53	340.90	343.32	341.30	342.95	339.62	336.39	329.22	322.44	309.37	295.79	279.81	265.55	265.55	
G 32.0	341.13	338.05	340.12	339.08	342.29	340.06	338.30	332.59	325.67	312.79	297.93	280.48	264.77	264.77	
G 33.0	338.65	335.45	337.70	336.85	340.98	340.56	340.20	335.96	330.00	316.14	300.29	281.08	263.72	263.72	
G 34.0	336.49	332.37	334.91	334.43	339.93	341.12	342.42	340.17	334.39	319.87	302.53	281.66	262.39	262.39	
G 35.0	334.49	330.48	332.01	331.94	338.45	341.65	344.82	344.35	339.26	323.12	304.10	281.83	260.50	260.50	
G 36.0	332.89	328.31	329.38	329.46	337.02	341.99	347.12	348.78	344.08	326.72	305.49	281.35	258.48	258.48	
G 37.0	331.45	326.94	327.23	326.90	335.53	342.35	349.67	353.32	348.46	329.72	306.22	280.37	255.72	255.72	
G 38.0	330.18	325.77	325.24	324.71	333.69	342.60	352.74	357.62	352.66	332.33	306.30	278.88	252.29	252.29	
G 39.0	329.10	324.69	323.61	322.30	332.09	342.79	355.14	361.95	357.30	334.40	305.81	276.48	248.81	248.81	
G 40.0	328.11	323.99	322.38	320.67	330.19	342.69	357.69	366.02	361.01	336.06	304.93	273.57	244.58	244.58	</



Apparecchio					Rilievo					Lampada					
Codice	ITALO 2 0F2H1 STU-M 4.5-4M				Codice	AEC14375				Codice	L-IT2-0F2H1-4000-525-4M				
Nome	ITALO 2 0F2H1 STU-M 4.5-4M				Nome	ITALO 2 0F2H1 STU-M 4.5-4M				Numero	1				
Archivio	Eulumdat				Data	09-03-2016				Posizione					
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%	
Flusso Lampade		6720.00 lm		Valore Massimo		714.26 cd/klm		Posizione		C=20.00 G=69.00		CG		Asimmetrico	
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	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	
G 1.0	271.37	272.42	271.42	271.96	271.23	271.96	271.35	271.34	272.05	271.79	272.20	272.33	272.54	272.54	
G 2.0	271.06	271.79	270.63	270.84	269.81	270.55	269.35	269.38	269.30	268.98	269.42	269.62	270.49	270.49	
G 3.0	270.83	271.24	269.81	269.93	268.52	268.98	267.57	267.48	267.28	267.05	266.75	266.90	267.61	267.61	
G 4.0	271.51	272.66	269.13	268.95	266.95	266.72	265.39	264.84	264.92	264.79	264.60	264.43	264.88	264.88	
G 5.0	280.65	282.72	274.34	274.45	267.22	266.10	263.27	262.21	262.25	261.57	261.78	261.71	262.25	262.25	
G 6.0	286.09	285.97	281.49	281.18	273.56	271.66	263.40	260.97	259.60	258.27	259.06	258.92	259.55	259.55	
G 7.0	287.14	286.20	282.95	281.56	277.98	276.05	268.13	263.93	257.46	255.50	256.06	255.69	256.82	256.82	
G 8.0	287.27	285.95	282.48	280.99	277.67	276.10	271.93	267.64	259.04	253.53	251.95	252.19	253.30	253.30	
G 9.0	286.69	285.07	281.36	279.68	276.44	274.72	271.68	269.10	262.07	254.44	248.61	247.86	249.93	249.93	
G 10.0	285.60	283.56	280.09	277.98	275.17	273.13	270.14	267.84	263.59	256.68	246.47	244.19	246.09	246.09	
G 11.0	283.92	281.50	278.56	276.29	273.20	270.95	267.96	265.63	263.03	257.45	246.04	240.17	242.05	242.05	
G 12.0	282.35	279.58	276.48	273.94	271.24	269.02	265.77	263.14	260.96	257.03	246.97	237.16	238.10	238.10	
G 13.0	280.41	277.75	274.38	271.82	268.93	266.27	263.47	260.60	258.04	255.22	247.59	235.67	233.78	233.78	
G 14.0	278.41	275.77	271.82	269.53	266.30	263.79	260.54	257.71	255.46	252.57	247.20	234.65	228.86	228.86	
G 15.0	276.40	273.35	269.09	266.88	263.70	260.93	257.77	254.68	252.51	249.22	245.64	233.11	223.01	223.01	
G 16.0	274.38	271.23	267.52	264.46	261.01	257.77	255.06	251.66	249.48	245.82	242.71	230.51	217.08	217.08	
G 17.0	272.48	269.30	265.44	262.01	258.39	255.24	251.97	248.84	246.60	242.52	238.51	225.80	209.16	209.16	
G 18.0	270.71	267.36	263.09	259.19	255.72	252.19	248.94	245.35	243.25	238.73	232.55	217.46	200.05	200.05	
G 19.0	268.94	265.40	260.84	256.91	252.84	249.06	245.76	242.22	239.68	234.09	225.06	208.35	188.51	188.51	
G 20.0	267.18	263.47	258.41	254.00	250.09	246.36	242.54	238.91	235.66	227.94	216.14	192.71	174.22	174.22	
G 21.0	265.82	261.46	256.30	251.76	247.29	243.14	240.08	234.43	229.75	216.71	204.35	174.80	157.20	157.20	
G 22.0	264.45	259.57	254.22	249.33	244.62	240.55	236.75	228.67	221.64	202.88	187.99	154.75	134.77	134.77	
G 23.0	263.05	257.81	251.65	246.73	242.09	237.84	233.00	221.11	208.68	182.96	165.31	130.56	111.58	111.58	
G 24.0	261.72	255.82	249.23	244.05	238.94	234.40	227.29	210.43	191.55	160.22	143.19	106.89	91.16	91.16	
G 25.0	260.24	253.99	246.93	241.43	236.38	230.12	219.21	195.58	171.85	135.72	118.80	85.88	71.89	71.89	
G 26.0	258.97	251.73	244.51	238.57	233.43	223.77	209.35	175.44	148.93	112.72	95.91	70.86	59.83	59.83	
G 27.0	257.49	249.61	242.00	235.87	229.99	216.42	194.68	152.50	125.08	90.61	77.16	58.85	52.31	52.31	
G 28.0	255.95	247.25	239.30	233.13	225.99	206.12	179.19	130.04	106.77	73.17	63.84	50.66	47.70	47.70	
G 29.0	254.52	244.89	236.66	230.17	220.42	191.79	157.07	111.86	83.24	61.12	52.71	47.91	46.19	46.19	
G 30.0	252.73	242.30	233.91	226.88	212.84	176.02	136.28	92.26	70.11	52.16	48.97	46.47	44.91	44.91	
G 31.0	250.71	239.87	231.24	221.88	203.53	156.46	116.17	75.18	58.44	49.51	47.66	45.21	43.63	43.63	
G 32.0	248.74	237.02	228.20	216.98	192.22	135.61	96.80	62.37	51.81	48.19	46.28	43.92	42.34	42.34	
G 33.0	246.45	234.43	225.62	210.47	176.52	116.21	80.67	54.80	49.77	46.98	45.23	42.85	41.12	41.12	
G 34.0	244.14	231.63	222.23	202.27	159.46	102.00	68.86	50.98	48.40	45.88	43.97	41.64	39.89	39.89	
G 35.0	241.41	228.41	218.31	190.41	140.61	85.11	58.65	49.72	47.30	44.75	42.74	40.37	38.55	38.55	
G 36.0	238.39	225.29	213.48	178.81	122.59	71.97	52.60	48.58	46.32	43.63	41.56	39.06	37.34	37.34	
G 37.0	235.06	221.35	208.81	161.13	106.18	61.15	50.54	47.46	45.14	42.41	40.38	37.75	35.89	35.89	
G 38.0	231.58	217.92	201.53	146.85	89.44	55.05	49.46	46.43	44.13	41.22	39.14	36.56	34.82	34.82	
G 39.0	228.20	214.66	192.51	129.57	77.00	51.97	48.70	45.48	43.05	40.06	37.88	35.43	33.46	33.46	
G 40.0	223.87	210.58	182.80	114.21	66.48	50.82	47.57	44.48	41.85	38.93	36.78	34.24	32.26	32.26	
G 41.0	219.82	205.75	169.89	97.67	58.01	49.97	46.70	43.48	40.74	37.83	35.46	33.09	31.10	31.10	
G 42.0	215.92	199.96	155.91	83.22	53.83	49.11	45.79	42.51	39.74	36.78	34.				

Apparecchio					Rilievo					Lampada					
Codice	ITALO 2 0F2H1 STU-M 4.5-4M				Codice	AEC14375				Codice	L-IT2-0F2H1-4000-525-4M				
Nome	ITALO 2 0F2H1 STU-M 4.5-4M				Nome	ITALO 2 0F2H1 STU-M 4.5-4M				Numero	1				
Archivio	Eulumdat				Data	09-03-2016				Posizione					
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%	
Flusso Lampade		6720.00 lm		Valore Massimo		714.26 cd/klm		Posizione		C=20.00 G=69.00		CG		Asimmetrico	
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	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	274.48	
G 1.0	272.26	272.09	271.80	272.09	272.26	272.54	272.33	272.20	271.79	272.05	271.34	271.35	271.96	271.96	
G 2.0	270.28	269.95	270.14	269.95	270.28	270.49	269.62	269.42	268.98	269.30	269.38	269.35	270.55	270.55	
G 3.0	268.29	268.12	268.26	268.12	268.29	267.61	266.90	266.75	267.05	267.28	267.48	267.57	268.98	268.98	
G 4.0	265.57	265.92	265.81	265.92	265.57	264.88	264.43	264.60	264.79	264.92	264.84	265.39	266.72	266.72	
G 5.0	262.71	263.68	263.75	263.68	262.71	262.25	261.71	261.78	261.57	262.25	262.21	263.27	266.10	266.10	
G 6.0	259.94	261.38	261.56	261.38	259.94	259.55	258.92	259.06	258.27	259.60	260.97	263.40	271.66	271.66	
G 7.0	257.04	258.67	259.31	258.67	257.04	256.82	255.69	256.06	255.50	257.46	263.93	268.13	276.05	276.05	
G 8.0	253.93	255.92	257.18	255.92	253.93	253.30	252.19	251.95	253.53	259.04	267.64	271.93	276.10	276.10	
G 9.0	250.76	252.98	254.07	252.98	250.76	249.93	247.86	248.61	254.44	262.07	269.10	271.68	274.72	274.72	
G 10.0	247.34	249.94	251.29	249.94	247.34	246.09	244.19	246.47	256.68	263.59	267.84	270.14	273.13	273.13	
G 11.0	243.59	246.58	248.45	246.58	243.59	242.05	240.17	246.04	257.45	263.03	265.63	267.96	270.95	270.95	
G 12.0	239.91	243.10	245.56	243.10	239.91	238.10	237.16	246.97	257.03	260.96	263.14	265.77	269.02	269.02	
G 13.0	236.13	239.30	241.83	239.30	236.13	233.78	235.67	247.59	255.22	258.04	260.60	263.47	266.27	266.27	
G 14.0	230.37	234.32	236.35	234.32	230.37	228.86	234.65	247.20	252.57	255.46	257.71	260.54	263.79	263.79	
G 15.0	223.08	227.25	228.93	227.25	223.08	223.01	233.11	245.64	249.22	252.51	254.68	257.77	260.93	260.93	
G 16.0	212.45	217.19	217.42	217.19	212.45	217.08	230.51	242.71	245.82	249.48	251.66	255.06	257.77	257.77	
G 17.0	200.04	204.03	200.42	204.03	200.04	209.16	225.80	238.51	242.52	246.60	248.84	251.97	255.24	255.24	
G 18.0	185.45	186.05	181.85	186.05	185.45	200.05	217.46	232.55	238.73	243.25	245.35	248.94	252.19	252.19	
G 19.0	168.85	166.46	162.79	166.46	168.85	188.51	208.35	225.06	234.09	239.68	242.22	245.76	249.06	249.06	
G 20.0	151.06	147.30	139.14	147.30	151.06	174.22	192.71	216.14	227.94	235.66	238.91	242.54	246.36	246.36	
G 21.0	130.72	126.42	112.37	126.42	130.72	157.20	174.80	204.35	216.71	229.75	234.43	240.08	243.14	243.14	
G 22.0	105.49	100.71	90.45	100.71	105.49	134.77	154.75	187.99	202.88	221.64	228.67	236.75	240.55	240.55	
G 23.0	85.24	79.13	69.57	79.13	85.24	111.58	130.56	165.31	182.96	208.68	221.11	233.00	237.84	237.84	
G 24.0	68.34	59.97	53.60	59.97	68.34	91.16	106.89	143.19	160.22	191.55	210.43	227.29	234.40	234.40	
G 25.0	56.85	51.25	48.55	51.25	56.85	71.89	85.88	118.80	135.72	171.85	195.58	219.21	230.12	230.12	
G 26.0	51.42	48.53	47.01	48.53	51.42	59.83	70.86	95.91	112.72	148.93	175.44	209.35	223.77	223.77	
G 27.0	47.00	46.27	45.79	46.27	47.00	52.31	58.85	77.16	90.61	125.08	152.50	194.68	216.42	216.42	
G 28.0	45.50	44.78	44.25	44.78	45.50	47.70	50.66	63.84	73.17	106.77	130.04	179.19	206.12	206.12	
G 29.0	44.22	43.47	42.94	43.47	44.22	46.19	47.91	52.71	61.12	83.24	111.86	157.07	191.79	191.79	
G 30.0	43.06	42.14	41.46	42.14	43.06	44.91	46.47	48.97	52.16	70.11	92.26	136.28	176.02	176.02	
G 31.0	41.70	40.76	40.05	40.76	41.70	43.63	45.21	47.66	49.51	58.44	75.18	116.17	156.46	156.46	
G 32.0	40.36	39.45	38.76	39.45	40.36	42.34	43.92	46.28	48.19	51.81	62.37	96.80	135.61	135.61	
G 33.0	38.94	38.12	37.61	38.12	38.94	41.12	42.85	45.23	46.98	49.77	54.80	80.67	116.21	116.21	
G 34.0	37.76	36.57	36.11	36.57	37.76	39.89	41.64	43.97	45.88	48.40	50.98	68.86	102.00	102.00	
G 35.0	36.43	35.30	34.77	35.30	36.43	38.55	40.37	42.74	44.75	47.30	49.72	58.65	85.11	85.11	
G 36.0	35.17	33.92	33.27	33.92	35.17	37.34	39.06	41.56	43.63	46.32	48.58	52.60	71.97	71.97	
G 37.0	33.84	32.66	31.93	32.66	33.84	35.89	37.75	40.38	42.41	45.14	47.46	50.54	61.15	61.15	
G 38.0	32.53	31.36	30.67	31.36	32.53	34.82	36.56	39.14	41.22	44.13	46.43	49.46	55.05	55.05	
G 39.0	31.39	30.18	29.56	30.18	31.39	33.46	35.43	37.88	40.06	43.05	45.48	48.70	51.97	51.97	
G 40.0	30.15	28.92	28.19	28.92	30.15	32.26	34.24	36.78	38.93	41.85	44.48	47.57	50.82	50.82	
G 41.0	29.11	27.74	27.03	27.74	29.11	31.10	33.09	35.46	37.83	40.74	43.48	46.70	49.97	49.97	
G 42.0	27.90	26.56	25.77	26.56	27.90	30.08	31.84	34.44	36.78	39.74	42.51	45.79	49.11	49.11	
G 43.0	26.73	25.55	24.62	25.55	26.73	28.98	30.74	33.34	35.64	38.58	41.41	44.89	48.29	48.29	
G 44.0	25.52	24.29	23.53	24.29</											

Apparecchio		Rilievo		Lampada	
Codice	ITALO 2 0F2H1 STU-M 4.5-4M	Codice	AEC14375	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Numero	1
Archivio	Eulumdat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
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Flusso Lampade	6720.00 lm	Valore Massimo	714.26 cd/klm	Posizione	C=20.00 G=69.00	CG	Asimmetrico
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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	274.48	274.48	274.48	274.48	274.48	274.48	274.48
G 1.0	271.23	271.96	271.42	272.42	271.37	272.98	272.06
G 2.0	269.81	270.84	270.63	271.79	271.06	272.85	272.14
G 3.0	268.52	269.93	269.81	271.24	270.83	273.19	272.69
G 4.0	266.95	268.95	269.13	272.66	271.51	278.22	275.15
G 5.0	267.22	274.45	274.34	282.72	280.65	287.61	285.43
G 6.0	273.56	281.18	281.49	285.97	286.09	290.54	290.68
G 7.0	277.98	281.56	282.95	286.20	287.14	291.29	292.14
G 8.0	277.67	280.99	282.48	285.95	287.27	291.51	292.87
G 9.0	276.44	279.68	281.36	285.07	286.69	290.79	292.73
G 10.0	275.17	277.98	280.09	283.56	285.60	289.64	292.21
G 11.0	273.20	276.29	278.56	281.50	283.92	288.61	291.10
G 12.0	271.24	273.94	276.48	279.58	282.35	287.08	289.83
G 13.0	268.93	271.82	274.38	277.75	280.41	285.52	288.64
G 14.0	266.30	269.53	271.82	275.77	278.41	283.57	287.22
G 15.0	263.70	266.88	269.09	273.35	276.40	281.54	285.76
G 16.0	261.01	264.46	267.52	271.23	274.38	279.76	283.89
G 17.0	258.39	262.01	265.44	269.30	272.48	278.20	282.76
G 18.0	255.72	259.19	263.09	267.36	270.71	276.46	281.23
G 19.0	252.84	256.91	260.84	265.40	268.94	274.95	280.08
G 20.0	250.09	254.00	258.41	263.47	267.18	273.46	279.05
G 21.0	247.29	251.76	256.30	261.46	265.82	272.31	278.28
G 22.0	244.62	249.33	254.22	259.57	264.45	271.35	277.51
G 23.0	242.09	246.73	251.65	257.81	263.05	270.58	277.02
G 24.0	238.94	244.05	249.23	255.82	261.72	269.64	276.73
G 25.0	236.38	241.43	246.93	253.99	260.24	268.81	276.57
G 26.0	233.43	238.57	244.51	251.73	258.97	268.26	276.68
G 27.0	229.99	235.87	242.00	249.61	257.49	267.75	276.88
G 28.0	225.99	233.13	239.30	247.25	255.95	267.27	277.38
G 29.0	220.42	230.17	236.66	244.89	254.52	266.71	278.13
G 30.0	212.84	226.88	233.91	242.30	252.73	266.23	278.85
G 31.0	203.53	221.88	231.24	239.87	250.71	265.55	279.81
G 32.0	192.22	216.98	228.20	237.02	248.74	264.77	280.48
G 33.0	176.52	210.47	225.62	234.43	246.45	263.72	281.08
G 34.0	159.46	202.27	222.23	231.63	244.14	262.39	281.66
G 35.0	140.61	190.41	218.31	228.41	241.41	260.50	281.83
G 36.0	122.59	178.81	213.48	225.29	238.39	258.48	281.35
G 37.0	106.18	161.13	208.81	221.35	235.06	255.72	280.37
G 38.0	89.44	146.85	201.53	217.92	231.58	252.29	278.88
G 39.0	77.00	129.57	192.51	214.66	228.20	248.81	276.48
G 40.0	66.48	114.21	182.80	210.58	223.87	244.58	273.57
G 41.0	58.01	97.67	169.89	205.75	219.82	240.94	270.73
G 42.0	53.83	83.22	155.91	199.96	215.92	236.94	267.94
G 43.0	52.05	71.45	140.05	193.96	212.26	233.49	265.12
G 44.0	51.19	63.63	125.50	187.46	208.84	230.42	262.99
G 45.0	50.34	57.52	110.62	177.45	205.41	226.92	260.39
G 46.0	49.56	54.35	96.81	169.07	202.09	224.00	257.88
G 47.0	48.78	52.77	83.82	156.73	198.74	221.36	255.85
G 48.0	48.06	52.04	73.12	143.56	195.14	219.09	254.61
G 49.0	47.42	51.34	64.73	130.57	191.65	217.24	253.92
G 50.0	46.74	50.73	59.26	117.53	187.66	215.76	253.91
G 51.0	46.09	50.18	56.15	104.87	183.37	214.57	254.63
G 52.0	45.44	49.57	55.02	93.19	177.29	213.71	256.23
G 53.0	44.87	49.05	54.43	82.36	169.76	213.12	258.53
G 54.0	44.45	48.62	54.02	74.54	158.93	210.92	261.00
G 55.0	44.01	48.22	53.66	68.46	143.88	202.21	257.78
G 56.0	43.67	47.80	53.21	64.24	131.53	193.12	250.97
G 57.0	43.41	47.49	52.78	62.54	121.29	189.65	252.56
G 58.0	43.21	47.16	52.18	61.25	111.36	185.79	253.77
G 59.0	43.08	46.89	51.54	59.96	102.50	180.14	253.89
G 60.0	43.08	46.64	50.80	58.41	92.77	173.52	252.82
G 61.0	43.24	46.44	50.00	56.81	83.10	165.87	249.68
G 62.0	43.48	46.29	49.13	55.21	74.53	157.50	245.62
G 63.0	43.89	46.23	48.31	53.65	68.27	147.56	241.76
G 64.0	44.41	46.42	47.67	52.28	64.45	137.28	238.07
G 65.0	45.07	46.85	47.30	51.30	62.05	127.77	235.56
G 66.0	45.85	47.69	47.19	50.58	60.50	117.45	233.21
G 67.0	47.04	48.54	47.34	49.95	59.44	108.62	230.56
G 68.0	48.13	49.60	47.63	49.40	57.90	99.40	227.30
G 69.0	49.12	50.45	47.93	48.91	56.43	89.81	222.92
G 70.0	49.67	50.97	48.08	48.32	54.89	81.96	211.02
G 71.0	49.60	50.81	47.79	47.48	53.37	76.34	185.31
G 72.0	48.75	49.73	46.97	46.29	51.49	71.85	170.91

Apparecchio				Rilievo				Lampada					
Codice	ITALO 2 0F2H1 STU-M 4.5-4M			Codice	AEC14375			Codice	L-IT2-0F2H1-4000-525-4M				
Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Numero	1				
Archivio	Eulumdat			Data	09-03-2016			Posizione					
Flusso Apparecchio	6720.00 lm			Potenza Apparecchio	59.50 W			Efficacia	112.94 lm/W				
Flusso Lampade	6720.00 lm			Valore Massimo	714.26 cd/klm			Posizione	C=20.00 G=69.00				
				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	343.86	522.68	623.19	642.05	642.64	540.91	361.17	168.42	71.48	39.34	32.36	27.66	24.51
G 74.0	309.31	490.53	600.65	615.12	592.02	472.55	295.95	126.37	56.14	34.31	29.22	25.05	22.21
G 75.0	234.99	411.87	537.21	561.29	550.23	413.37	241.06	96.50	44.96	30.47	26.63	22.42	20.16
G 76.0	173.56	330.22	449.33	472.36	475.62	351.11	190.28	72.81	35.96	26.80	23.75	20.04	18.37
G 77.0	120.02	242.13	350.34	364.22	383.69	277.14	142.65	52.22	29.92	23.40	21.14	18.05	16.48
G 78.0	82.49	172.35	244.70	265.46	269.22	201.79	96.95	38.22	24.59	20.67	18.66	15.93	14.74
G 79.0	60.57	113.32	161.24	174.47	185.12	132.31	65.45	27.16	20.37	17.94	16.34	14.28	12.92
G 80.0	45.49	73.03	104.28	114.04	114.71	83.80	43.94	20.40	16.85	15.52	14.30	12.03	11.01
G 81.0	35.25	50.14	64.83	66.96	71.17	51.33	27.59	15.78	14.27	12.92	12.06	10.32	9.41
G 82.0	27.47	38.99	46.30	43.57	43.15	29.16	17.97	12.54	11.64	10.69	10.00	8.61	7.85
G 83.0	20.41	31.19	35.47	32.85	27.67	18.64	12.56	9.89	9.49	8.81	8.09	7.16	6.36
G 84.0	13.84	23.34	27.05	24.07	18.84	12.10	9.23	7.82	7.48	6.76	6.37	5.57	5.17
G 85.0	7.52	15.99	19.39	17.17	13.23	8.16	6.52	5.41	5.32	4.87	4.76	4.09	3.85
G 86.0	3.41	8.65	11.52	9.43	7.85	4.63	4.29	3.41	3.55	3.15	3.40	2.64	2.70
G 87.0	1.07	3.83	5.37	4.72	3.68	2.37	2.12	1.94	2.03	1.81	1.85	1.67	1.65
G 88.0	0.13	0.98	1.27	1.57	1.39	0.92	0.99	0.80	0.96	0.78	0.80	0.79	0.81
G 89.0	0.04	0.14	0.18	0.14	0.16	0.13	0.18	0.18	0.22	0.22	0.21	0.25	0.24
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 2 0F2H1 STU-M 4.5-4M			Codice	AEC14375			Codice	L-IT2-0F2H1-4000-525-4M								
Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Numero	1								
Archivio	Eulumat			Data	09-03-2016			Posizione									
Flusso Apparecchio	6720.00 lm			Potenza Apparecchio	59.50 W			Efficacia	112.94 lm/W								
Flusso Lampade	6720.00 lm			Valore Massimo	714.26 cd/klm			Posizione	C=20.00 G=69.00								
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	21.63	19.94	17.99	16.66	14.93	14.48	14.93	16.66	17.99	19.94	21.63	24.51	27.66				
G 74.0	19.58	18.16	16.36	15.29	13.51	13.40	13.51	15.29	16.36	18.16	19.58	22.21	25.05				
G 75.0	17.79	16.52	14.86	13.84	12.28	12.03	12.28	13.84	14.86	16.52	17.79	20.16	22.42				
G 76.0	16.13	15.00	13.47	12.55	11.07	10.91	11.07	12.55	13.47	15.00	16.13	18.37	20.04				
G 77.0	14.62	13.61	12.08	11.22	9.78	9.70	9.84	11.22	12.08	13.61	14.62	16.48	18.05				
G 78.0	12.94	11.85	10.55	9.78	8.65	8.38	8.65	9.78	10.55	11.85	12.94	14.74	15.93				
G 79.0	11.28	10.32	9.13	8.41	7.40	7.26	7.40	8.41	9.13	10.32	11.28	12.92	14.28				
G 80.0	9.56	8.79	7.81	7.24	6.42	6.26	6.42	7.24	7.81	8.79	9.56	11.01	12.03				
G 81.0	8.23	7.44	6.62	6.16	5.40	5.28	5.40	6.16	6.62	7.44	8.23	9.41	10.32				
G 82.0	6.86	6.19	5.57	5.17	4.55	4.56	4.55	5.17	5.57	6.19	6.86	7.85	8.61				
G 83.0	5.55	5.20	4.54	4.30	3.80	3.71	3.80	4.30	4.54	5.20	5.55	6.36	7.16				
G 84.0	4.45	4.07	3.60	3.37	2.96	2.92	2.96	3.37	3.60	4.07	4.45	5.17	5.57				
G 85.0	3.29	3.08	2.65	2.52	2.15	2.14	2.15	2.52	2.65	3.08	3.29	3.85	4.09				
G 86.0	2.18	2.15	1.85	1.77	1.54	1.56	1.54	1.77	1.85	2.15	2.18	2.70	2.64				
G 87.0	1.30	1.33	1.10	1.15	0.97	0.96	0.97	1.15	1.10	1.33	1.30	1.65	1.67				
G 88.0	0.73	0.74	0.60	0.62	0.54	0.59	0.54	0.62	0.60	0.74	0.73	0.81	0.79				
G 89.0	0.20	0.24	0.20	0.20	0.16	0.19	0.16	0.20	0.20	0.24	0.20	0.24	0.25				
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 2 0F2H1 STU-M 4.5-4M			Codice	AEC14375			Codice	L-IT2-0F2H1-4000-525-4M									
Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Numero	1									
Archivio	Eulumatd			Data	09-03-2016			Posizione										
Flusso Apparecchio		6720.00 lm	Potenza Apparecchio		59.50 W	Efficacia		112.94 lm/W	Rendimento		100.00%							
Flusso Lampade		6720.00 lm	Valore Massimo		714.26 cd/klm	Posizione		C=20.00 G=69.00	CG Asimmetrico									
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	32.36	39.34	71.48	168.42	361.17	540.91	642.64	642.05	623.19	522.68	343.86	157.60	66.23					
G 74.0	29.22	34.31	56.14	126.37	295.95	472.55	592.02	615.12	600.65	490.53	309.31	131.94	58.29					
G 75.0	26.63	30.47	44.96	96.50	241.06	413.37	550.23	561.29	537.21	411.87	234.99	105.94	50.90					
G 76.0	23.75	26.80	35.96	72.81	190.28	351.11	475.62	472.36	449.33	330.22	173.56	82.66	44.21					
G 77.0	21.14	23.40	29.92	52.22	142.65	277.14	383.69	364.22	350.34	242.13	120.02	61.67	38.12					
G 78.0	18.66	20.67	24.59	38.22	96.95	201.79	269.22	265.46	244.70	172.35	82.49	49.86	32.48					
G 79.0	16.34	17.94	20.37	27.16	65.45	132.31	185.12	174.47	161.24	113.32	60.57	39.28	27.04					
G 80.0	14.30	15.52	16.85	20.40	43.94	83.80	114.71	114.04	104.28	73.03	45.49	31.75	22.04					
G 81.0	12.06	12.92	14.27	15.78	27.59	51.33	71.17	66.96	64.83	50.14	35.25	25.04	17.10					
G 82.0	10.00	10.69	11.64	12.54	17.97	29.16	43.15	43.57	46.30	38.99	27.47	19.25	12.56					
G 83.0	8.09	8.81	9.49	9.89	12.56	18.64	27.67	32.85	35.47	31.19	20.41	14.22	8.61					
G 84.0	6.37	6.76	7.48	7.82	9.23	12.10	18.84	24.07	27.05	23.34	13.84	8.99	4.87					
G 85.0	4.76	4.87	5.32	5.41	6.52	8.16	13.23	17.17	19.39	15.99	7.52	4.76	2.63					
G 86.0	3.40	3.15	3.55	3.41	4.29	4.63	7.85	9.43	11.52	8.65	3.41	2.23	0.80					
G 87.0	1.85	1.81	2.03	1.94	2.12	2.37	3.68	4.72	5.37	3.83	1.07	0.58	0.21					
G 88.0	0.80	0.78	0.96	0.80	0.99	0.92	1.39	1.57	1.27	0.98	0.13	0.08	0.05					
G 89.0	0.21	0.22	0.22	0.18	0.18	0.13	0.16	0.14	0.18	0.14	0.04	0.04	0.05					
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 2 0F2H1 STU-M 4.5-4M			Codice	AEC14375			Codice	L-IT2-0F2H1-4000-525-4M								
Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Numero	1								
Archivio	Eulumatd			Data	09-03-2016			Posizione									
Flusso Apparecchio	6720.00 lm			Potenza Apparecchio	59.50 W			Efficacia	112.94 lm/W								
Flusso Lampade	6720.00 lm			Valore Massimo	714.26 cd/klm			Posizione	C=20.00 G=69.00								
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	48.91	44.39	45.47	47.61	46.67	39.25	29.60	20.48	14.51	10.65	8.86	7.51	6.83				
G 74.0	45.56	41.88	43.08	44.34	43.27	35.92	27.15	18.41	12.99	9.24	7.64	6.28	5.92				
G 75.0	41.49	38.96	39.87	40.59	38.56	31.76	23.91	15.71	11.20	7.87	6.48	5.37	5.11				
G 76.0	37.62	35.36	36.54	35.41	33.58	26.98	20.57	12.85	9.14	6.36	5.38	4.47	4.18				
G 77.0	32.92	31.60	32.26	29.90	27.58	21.80	16.64	9.98	7.22	5.12	4.35	3.66	3.41				
G 78.0	28.93	27.72	27.38	24.69	21.90	17.01	12.70	8.00	5.61	3.96	3.34	2.89	2.71				
G 79.0	24.74	23.10	21.82	18.85	16.96	12.43	9.21	5.73	4.10	3.01	2.64	2.24	2.15				
G 80.0	20.21	17.83	16.73	13.45	12.23	8.42	6.46	4.02	3.04	2.18	1.97	1.61	1.55				
G 81.0	15.48	13.11	12.18	9.60	8.41	5.53	4.29	2.60	2.07	1.56	1.39	1.17	1.14				
G 82.0	10.84	8.47	8.42	6.22	4.92	3.38	2.64	1.80	1.28	1.01	0.97	0.83	0.82				
G 83.0	6.79	5.00	4.70	3.54	3.05	1.82	1.45	1.06	0.84	0.63	0.62	0.56	0.56				
G 84.0	3.92	2.84	2.43	1.84	1.41	1.02	0.71	0.48	0.44	0.32	0.34	0.23	0.19				
G 85.0	1.73	1.22	1.08	0.63	0.60	0.38	0.24	0.15	0.12	0.08	0.08	0.03	0.03				
G 86.0	0.61	0.36	0.34	0.15	0.10	0.04	0.04	0.02	0.02	0.02	0.02	0.02	0.01				
G 87.0	0.16	0.07	0.07	0.03	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01				
G 88.0	0.05	0.04	0.04	0.03	0.02	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.01				
G 89.0	0.05	0.05	0.04	0.03	0.03	0.02	0.01	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	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 2 0F2H1 STU-M 4.5-4M			Codice	AEC14375			Codice	L-IT2-0F2H1-4000-525-4M				
Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Nome	ITALO 2 0F2H1 STU-M 4.5-4M			Numero	1				
Archivio	Eulumdat			Data	09-03-2016			Posizione					
Flusso Apparecchio	6720.00 lm			Potenza Apparecchio	59.50 W			Efficacia	112.94 lm/W				
Flusso Lampade	6720.00 lm			Valore Massimo	714.26 cd/klm			Posizione	C=20.00 G=69.00				
				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	6.09	5.57	5.09	5.57	6.09	6.83	7.51	8.86	10.65	14.51	20.48	29.60	39.25
G 74.0	5.30	4.91	4.37	4.91	5.30	5.92	6.28	7.64	9.24	12.99	18.41	27.15	35.92
G 75.0	4.49	4.14	3.79	4.14	4.49	5.11	5.37	6.48	7.87	11.20	15.71	23.91	31.76
G 76.0	3.73	3.57	3.27	3.57	3.73	4.18	4.47	5.38	6.36	9.14	12.85	20.57	26.98
G 77.0	3.02	2.93	2.72	2.93	3.02	3.41	3.66	4.35	5.12	7.22	9.98	16.64	21.80
G 78.0	2.45	2.38	2.25	2.38	2.45	2.71	2.89	3.34	3.96	5.61	8.00	12.70	17.01
G 79.0	1.94	1.89	1.79	1.89	1.94	2.15	2.24	2.64	3.01	4.10	5.73	9.21	12.43
G 80.0	1.40	1.42	1.24	1.42	1.40	1.55	1.61	1.97	2.18	3.04	4.02	6.46	8.42
G 81.0	1.03	1.02	0.96	1.02	1.03	1.14	1.17	1.39	1.56	2.07	2.60	4.29	5.53
G 82.0	0.73	0.78	0.71	0.78	0.73	0.82	0.83	0.97	1.01	1.28	1.80	2.64	3.38
G 83.0	0.44	0.44	0.40	0.44	0.44	0.56	0.56	0.62	0.63	0.84	1.06	1.45	1.82
G 84.0	0.13	0.10	0.03	0.10	0.13	0.19	0.23	0.34	0.32	0.44	0.48	0.71	1.02
G 85.0	0.02	0.01	0.01	0.01	0.02	0.03	0.03	0.08	0.08	0.12	0.15	0.24	0.38
G 86.0	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02	0.04	0.04
G 87.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
G 88.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02
G 89.0	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02
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 2 0F2H1 STU-M 4.5-4M	Codice	AEC14375	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Numero	1
Archivio	Eulumat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
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Flusso Lampade	6720.00 lm	Valore Massimo	714.26 cd/klm	Posizione	C=20.00 G=69.00	CG	Asimmetrico
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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	46.67	47.61	45.47	44.39	48.91	66.23	157.60
G 74.0	43.27	44.34	43.08	41.88	45.56	58.29	131.94
G 75.0	38.56	40.59	39.87	38.96	41.49	50.90	105.94
G 76.0	33.58	35.41	36.54	35.36	37.62	44.21	82.66
G 77.0	27.58	29.90	32.26	31.60	32.92	38.12	61.67
G 78.0	21.90	24.69	27.38	27.72	28.93	32.48	49.86
G 79.0	16.96	18.85	21.82	23.10	24.74	27.04	39.28
G 80.0	12.23	13.45	16.73	17.83	20.21	22.04	31.75
G 81.0	8.41	9.60	12.18	13.11	15.48	17.10	25.04
G 82.0	4.92	6.22	8.42	8.47	10.84	12.56	19.25
G 83.0	3.05	3.54	4.70	5.00	6.79	8.61	14.22
G 84.0	1.41	1.84	2.43	2.84	3.92	4.87	8.99
G 85.0	0.60	0.63	1.08	1.22	1.73	2.63	4.76
G 86.0	0.10	0.15	0.34	0.36	0.61	0.80	2.23
G 87.0	0.02	0.03	0.07	0.07	0.16	0.21	0.58
G 88.0	0.02	0.03	0.04	0.04	0.05	0.05	0.08
G 89.0	0.03	0.03	0.04	0.05	0.05	0.05	0.04
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 2 0F2H1 STU-M 4.5-4M	Codice	AEC14375	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Numero	1
Archivio	Eulumat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.26 cd/klm	Posizione	C=20.00 G=69.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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 2 0F2H1 STU-M 4.5-4M	Codice	AEC14375	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Numero	1
Archivio	Eulumat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.26 cd/klm	Posizione	C=20.00 G=69.00	CG	Asimmetrico

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 2 0F2H1 STU-M 4.5-4M		Codice	AEC14375		Codice	L-IT2-0F2H1-4000-525-4M	
Nome	ITALO 2 0F2H1 STU-M 4.5-4M		Nome	ITALO 2 0F2H1 STU-M 4.5-4M		Numero	1	
Archivio	Eulumat		Data	09-03-2016		Posizione		

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.26 cd/klm	Posizione	C=20.00 G=69.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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 2 0F2H1 STU-M 4.5-4M		Codice	AEC14375		Codice	L-IT2-0F2H1-4000-525-4M	
Nome	ITALO 2 0F2H1 STU-M 4.5-4M		Nome	ITALO 2 0F2H1 STU-M 4.5-4M		Numero	1	
Archivio	Eulumat		Data	09-03-2016		Posizione		

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.26 cd/klm	Posizione	C=20.00 G=69.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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 2 0F2H1 STU-M 4.5-4M		Codice	AEC14375		Codice	L-IT2-0F2H1-4000-525-4M	
Nome	ITALO 2 0F2H1 STU-M 4.5-4M		Nome	ITALO 2 0F2H1 STU-M 4.5-4M		Numero	1	
Archivio	Eulumat		Data	09-03-2016		Posizione		

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.26 cd/klm	Posizione	C=20.00 G=69.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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 2 0F2H1 STU-M 4.5-4M	Codice	AEC14375	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Nome	ITALO 2 0F2H1 STU-M 4.5-4M	Numero	1
Archivio	Eulumdat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.26 cd/klm	Posizione	C=20.00 G=69.00	CG	Asimmetrico

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

Photometric Test Report



light
life

Costruttore	AEC ILLUMINAZIONE SRL
Tipo di prodotto	Outdoor Lighting Luminaire
Codice fotometria	ITALO 2 0F2H1 SV 4.5-4M
Codice apparecchio	ITALO 2 0F2H1 SV 4.5-4M
Rilievo fotometrico	AEC14405
Descrizione apparecchio	ITALO 2 0F2H1 SV 4.5-4M
Data delle prove	09/03/2016

Foto del prodotto



Responsabile laboratorio fotometrico	Luca Vagheggi	
Tecnico laboratorio che ha eseguito la misura	Alessio Vagheggi	





Sommario e Allegati

Sommario	Dati apparecchio	
	Normative di riferimento	
	Procedure di riferimento	
	Condizioni di prova	
	Risultati fotometrici	
	Lista strumentazione	
	Incertezza strumentale	
Allegati	Dati Generali	X
	Tabella fotometrica delle Intensità (cd/Klm)	X
	Tabella fotometrica delle Intensità (cd)	
	Diagramma Polare	
	Diagramma Cartesiano	
	Valutazione UGR	
	Diagramma Sollner Abbagliamento	
	Flusso Zonale	
	Coefficienti di Utilizzazione	
	Isolux Unitario	
	Isocandele Percentuale	
	Tabella e Diagramma Luminanza	
	Classificazione Strade	
	Classificazione Strade IES TM-15	





DATI APPARECCHIO

Geometria apparecchio	Rettangolare		
Dimensioni apparecchio (mm)	Lunghezza / Diametro	Larghezza	Altezza
	805	432	124
Dimensioni area luminosa (mm)	Lunghezza / Diametro	Larghezza	Altezza C0
	120	220	0
	Altezza C90	Altezza C180	Altezza C270
	0	0	0
Tipo sorgente	LED		
Modello sorgente	Luxeon-M, Luxeon-T		
Tipo Alimentatore	Electronic		
Modello Alimentatore	Osram OT		

NORMATIVE DI RIFERIMENTO

Normative di riferimento	UNI EN 13032-1:2012 UNI 11356:2010 IES LM-79-08
Valutazione luce parassita	In accordo con Annex A UNI EN 13032-1

PROCEDURE DI RIFERIMENTO

Procedure di riferimento	I-QL-009
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CONDIZIONI DI PROVA

Laboratorio fotometrico	Interno AEC ILLUMINAZIONE srl, in regime di sistema di qualità aziendale certificato ISO 9001:2008, autorizzato UL	
Condizioni Ambientali	Temperatura ambiente °C	25 ± 1
	Umidità relativa	< 60
	Movimento aria	< 0,2
Condizioni Elettriche	Tensione di alimentazione	230V AC ± 0,2%
	Frequenza di alimentazione	50 Hz ± 0,1%
	Distorsione armonica THD V	< 0,5%
Condizioni Preliminari Prova	Metodo di misura	Goniofotometro Sfera- spettroradiometro
	Sistema di riferimento misura	Sistema C-y
	Posizione di misura	Verticale (Gonio) Orizzontale (Sfera)
	Distanza di misura (m)	9,03
	Tempo di stabilizzazione (min)	75
	Instabilità sorgente	< 0,5%

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.





RISULTATI FOTOMETRICI

Tipo di misura fotometrica	Assoluta
LOR	100.0
Flusso luminoso apparecchio (lm)	6720
Potenza ingresso apparecchio (W)	59.0
Efficienza apparecchio (lm/W)	114
Note e commenti	

LISTA STRUMENTAZIONE

CODICE AEC	STRUMENTO	COSTRUTTORE	MODELLO
Q129	Luxmetro	Czibula&Grundmann	100310
Q130	Goniofotometro	Oxytech	T2
Q131	Termoigrometro	Delta Ohm	HD2001
Q132	Wattmetro	N4L	PPA2510
Q135	Stabilizzatore	Elettrotest	TPS/M/9KW
Q190	Sfera Integratrice	Labsphere	LMS65
Q195	Spettroradiometro	Labsphere	CDS610

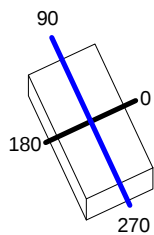
INCERTEZZA STRUMENTALE

Encoder goniofotometro Oxytech T2	Precisione angolare in C – gamma	$\pm 0.044^\circ$
Luxmetro C&G	f1'	$< 1.23\%$
Spettroradiometro	Incertezza lunghezza d'onda	$< 0.5\text{nm}$
	Incertezza coordinate cromatiche	± 0.003
Wattmetro Kinetiq N4L PPA2510	Accuratezza di potenza	$< [0.05\% + 0.03\%/pf + (0.01\%/kHz)/pf]$ Rdg + 0.05%VA Rng



Apparecchio			Rilievo			Lampada		
Codice	ITALO 2 0F2H1 SV 4.5-4M		Codice	AEC14405		Codice	L-IT2-0F2H1-4000-525-4M	
Nome	ITALO 2 0F2H1 SV 4.5-4M		Nome	ITALO 2 0F2H1 SV 4.5-4M		Numero	1	
Archivio	Eulumdat		Data	09-03-2016		Posizione		
Flusso Apparecchio		6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade		6720.00 lm	Valore Massimo	714.72 cd/klm	Posizione	C=10.00 G=67.00	CG Asimmetrico	
Apparecchio Rettangolare		Lung.	805 mm	Larg.	432 mm	Alt.	124 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		
Sistema Coordinate		CG	Tipo di Simmetria		Asimmetrico			
Data		09-03-2016	Massimo Angolo Gamma		180			
Lampade Apparecchio								
Archivio	Codice	Nome	Flusso [lm]		Pot. [W]	Q.tà		
	L-IT2-0F2H1-4000-525-4M	L-IT2-0F2H1-4000-525-4M - 59.50 W	6720.00		59.50	1		
C.I.E.	46 73 96 100 100			D DIN 5040	A30			
F UTE	1.00 E			B NBN	BZ 5			

805mm x 432mm



Semipiani C

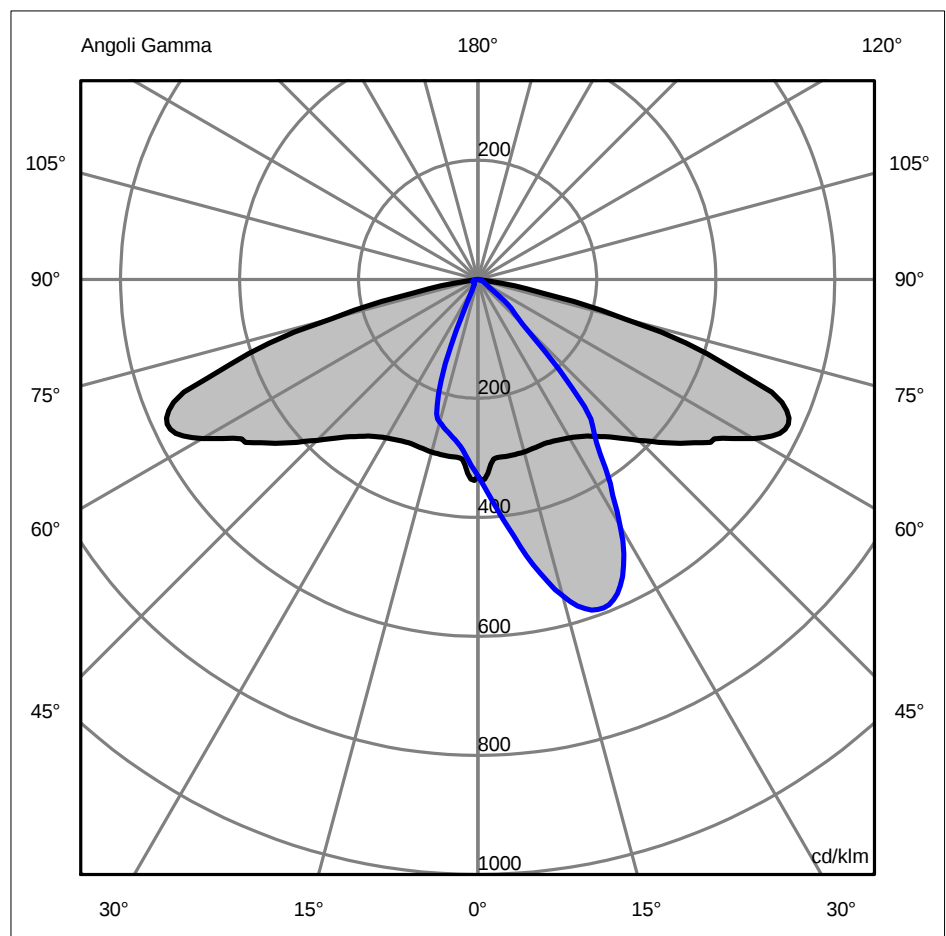
180.0 — 0.0

270.0 — 90.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %





Apparecchio				Rilievo				Lampada							
Codice	ITALO 2 0F2H1 SV 4.5-4M			Codice	AEC14405			Codice	L-IT2-0F2H1-4000-525-4M						
Nome	ITALO 2 0F2H1 SV 4.5-4M			Nome	ITALO 2 0F2H1 SV 4.5-4M			Numero	1						
Archivio	Eulumdat			Data	09-03-2016			Posizione							
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%	
Flusso Lampade		6720.00 lm		Valore Massimo		714.72 cd/klm		Posizione		C=10.00 G=67.00		CG		Asimmetrico	
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	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54
G 1.0	337.78	334.29	332.56	336.77	335.02	337.28	336.35	340.62	337.46	340.59	339.03	341.92	339.19	339.19	339.19
G 2.0	335.68	338.67	338.21	343.15	341.28	345.58	343.52	349.34	346.14	349.71	350.07	350.95	352.21	352.21	352.21
G 3.0	326.31	338.40	340.14	344.87	346.09	349.62	351.49	356.57	357.58	359.85	360.65	365.18	364.54	364.54	364.54
G 4.0	311.71	330.25	335.23	338.51	345.42	348.30	354.46	359.95	363.57	367.63	371.72	375.27	377.31	377.31	377.31
G 5.0	302.80	317.18	324.16	328.50	337.20	340.60	350.73	357.40	365.30	370.90	379.15	385.34	388.63	388.63	388.63
G 6.0	301.12	306.49	314.75	320.11	326.92	332.03	341.98	350.13	362.87	370.79	382.77	391.60	399.55	399.55	399.55
G 7.0	300.57	306.10	310.21	319.04	323.34	330.19	337.12	347.76	357.33	367.07	384.33	395.16	408.80	408.80	408.80
G 8.0	300.87	306.55	311.57	321.41	325.59	334.18	340.23	350.40	356.73	367.52	382.78	396.86	415.33	415.33	415.33
G 9.0	301.42	307.59	313.16	323.91	329.32	339.05	345.73	358.17	363.79	372.85	384.92	398.15	419.72	419.72	419.72
G 10.0	301.15	308.39	315.56	327.06	333.20	344.01	351.78	364.73	371.30	381.33	390.96	405.33	423.19	423.19	423.19
G 11.0	301.08	309.49	317.56	330.01	337.31	349.37	358.32	372.34	380.84	392.30	400.99	412.45	428.63	428.63	428.63
G 12.0	300.68	309.92	318.46	332.21	341.30	353.92	364.05	380.38	389.44	402.06	412.32	424.28	435.22	435.22	435.22
G 13.0	300.50	310.29	320.05	334.84	344.83	359.30	371.58	387.61	399.02	412.55	424.20	436.23	446.53	446.53	446.53
G 14.0	300.41	311.03	321.69	337.10	348.23	364.12	377.50	396.14	407.49	423.07	436.70	448.29	458.30	458.30	458.30
G 15.0	300.33	311.84	322.98	340.37	352.70	369.42	384.51	405.19	418.12	433.90	447.05	460.16	471.32	471.32	471.32
G 16.0	299.79	312.51	324.59	342.39	355.76	375.24	390.57	412.96	427.26	444.67	458.67	472.48	483.29	483.29	483.29
G 17.0	299.26	312.71	325.47	345.23	360.07	380.68	398.25	419.99	436.12	454.20	467.97	483.04	493.37	493.37	493.37
G 18.0	298.89	313.25	327.16	346.94	364.07	385.76	405.17	427.60	444.33	463.62	479.41	491.92	502.45	502.45	502.45
G 19.0	298.60	313.31	328.29	349.69	367.94	391.23	411.55	435.79	453.54	473.03	490.61	500.42	510.99	510.99	510.99
G 20.0	298.08	313.36	329.69	352.76	371.93	396.14	418.47	444.14	461.50	480.82	495.60	506.98	517.78	517.78	517.78
G 21.0	297.84	314.60	331.18	354.62	375.84	402.06	424.28	451.37	469.04	488.13	502.29	511.92	521.95	521.95	521.95
G 22.0	297.90	315.15	333.09	358.11	380.40	406.89	430.87	458.15	476.09	493.92	507.26	515.50	524.58	524.58	524.58
G 23.0	298.24	315.94	334.54	361.12	384.28	413.15	436.66	464.15	482.26	498.24	511.88	517.22	525.66	525.66	525.66
G 24.0	298.93	316.67	336.99	364.09	388.63	417.53	442.94	470.09	487.90	502.08	513.84	517.50	524.06	524.06	524.06
G 25.0	299.74	318.42	339.37	368.51	392.64	422.96	449.02	475.73	491.56	504.93	514.43	516.35	521.63	521.63	521.63
G 26.0	301.08	320.49	341.82	371.87	397.18	428.12	453.70	479.62	494.05	505.55	513.26	512.93	517.48	517.48	517.48
G 27.0	302.62	322.07	344.41	375.09	401.88	433.84	459.17	483.61	497.12	504.90	511.37	508.11	510.79	510.79	510.79
G 28.0	304.07	324.27	347.32	379.24	407.09	438.82	463.53	487.54	498.18	503.83	508.47	502.69	502.91	502.91	502.91
G 29.0	305.73	326.68	350.70	382.79	411.91	443.64	467.57	489.58	498.20	500.21	502.69	494.07	491.72	491.72	491.72
G 30.0	307.51	329.24	353.77	387.63	416.89	448.06	471.67	490.66	497.21	496.75	496.28	484.11	479.21	479.21	479.21
G 31.0	309.73	332.86	357.31	391.76	421.16	452.56	474.13	491.17	495.43	490.56	487.87	471.64	464.89	464.89	464.89
G 32.0	312.35	335.81	360.76	395.63	425.65	456.02	475.85	490.45	491.78	484.30	477.28	457.00	445.91	445.91	445.91
G 33.0	314.85	339.18	365.28	401.20	429.92	458.77	477.07	488.40	487.33	476.12	465.53	443.13	430.36	430.36	430.36
G 34.0	317.91	343.25	369.21	405.13	434.77	461.91	477.37	485.16	481.09	465.32	451.90	426.84	412.24	412.24	412.24
G 35.0	321.25	347.44	374.44	410.58	439.00	464.39	477.22	481.80	474.03	454.36	435.98	408.18	390.40	390.40	390.40
G 36.0	325.61	351.25	379.75	416.38	442.68	465.78	475.75	475.89	464.38	440.63	420.65	389.92	370.71	370.71	370.71
G 37.0	329.86	355.57	384.96	422.17	446.91	466.74	473.28	469.22	454.08	425.47	403.29	369.40	349.67	349.67	349.67
G 38.0	334.97	362.36	390.61	428.31	451.24	467.35	470.52	461.64	441.84	410.64	387.27	350.45	328.92	328.92	328.92
G 39.0	339.86	368.24	397.70	433.89	455.08	468.19	465.56	453.30	429.48	394.56	367.55	329.18	309.53	309.53	309.53
G 40.0	345.62	374.97	404.38	440.21	458.52										

Apparecchio				Rilievo				Lampada				
Codice	ITALO 2 0F2H1 SV 4.5-4M			Codice	AEC14405			Codice	L-IT2-0F2H1-4000-525-4M			
Nome	ITALO 2 0F2H1 SV 4.5-4M			Nome	ITALO 2 0F2H1 SV 4.5-4M			Numero	1			
Archivio	Eulumdat			Data	09-03-2016			Posizione				
Flusso Apparecchio	6720.00 lm			Potenza Apparecchio	59.50 W			Efficacia	112.94 lm/W			
Flusso Lampade	6720.00 lm			Valore Massimo	714.72 cd/klm			Posizione	C=10.00 G=67.00			



Apparecchio				Rilievo				Lampada							
Codice	ITALO 2 0F2H1 SV 4.5-4M			Codice	AEC14405			Codice	L-IT2-0F2H1-4000-525-4M						
Nome	ITALO 2 0F2H1 SV 4.5-4M			Nome	ITALO 2 0F2H1 SV 4.5-4M			Numero	1						
Archivio	Eulumdat			Data	09-03-2016			Posizione							
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%	
Flusso Lampade		6720.00 lm		Valore Massimo		714.72 cd/klm		Posizione		C=10.00 G=67.00		CG		Asimmetrico	
Tabella Intensità Luminosa - 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	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54
G 1.0	339.03	340.59	337.46	340.62	336.35	337.28	335.02	336.77	332.56	334.29	337.78	332.58	331.82	331.82	331.82
G 2.0	350.07	349.71	346.14	349.34	343.52	345.58	341.28	343.15	338.21	338.67	335.68	335.11	331.50	331.50	331.50
G 3.0	360.65	359.85	357.58	356.57	351.49	349.62	346.09	344.87	340.14	338.40	326.31	331.31	324.27	324.27	324.27
G 4.0	371.72	367.63	363.57	359.95	354.46	348.30	345.42	338.51	335.23	330.25	311.71	319.99	310.95	310.95	310.95
G 5.0	379.15	370.90	365.30	357.40	350.73	340.60	337.20	328.50	324.16	317.18	302.80	305.69	296.53	296.53	296.53
G 6.0	382.77	370.79	362.87	350.13	341.98	332.03	326.92	320.11	314.75	306.49	301.12	296.75	290.44	290.44	290.44
G 7.0	384.33	367.07	357.33	347.76	337.12	330.19	323.34	319.04	310.21	306.10	300.57	295.19	288.69	288.69	288.69
G 8.0	382.78	367.52	356.73	350.40	340.23	334.18	325.59	321.41	311.57	306.55	300.87	294.59	287.27	287.27	287.27
G 9.0	384.92	372.85	363.79	358.17	345.73	339.05	329.32	323.91	313.16	307.59	301.42	293.69	286.37	286.37	286.37
G 10.0	390.96	381.33	371.30	364.73	351.78	344.01	333.20	327.06	315.56	308.39	301.15	292.63	284.81	284.81	284.81
G 11.0	400.99	392.30	380.84	372.34	358.32	349.37	337.31	330.01	317.56	309.49	301.08	293.05	283.65	283.65	283.65
G 12.0	412.32	402.06	389.44	380.38	364.05	353.92	341.30	332.21	318.46	309.92	300.68	292.19	282.51	282.51	282.51
G 13.0	424.20	412.55	399.02	387.61	371.58	359.30	344.83	334.84	320.05	310.29	300.50	291.00	280.84	280.84	280.84
G 14.0	436.70	423.07	407.49	396.14	377.50	364.12	348.23	337.10	321.69	311.03	300.41	290.24	279.42	279.42	279.42
G 15.0	447.05	433.90	418.12	405.19	384.51	369.42	352.70	340.37	322.98	311.84	300.33	289.44	277.71	277.71	277.71
G 16.0	458.67	444.67	427.26	412.96	390.57	375.24	355.76	342.39	324.59	312.51	299.79	288.40	276.47	276.47	276.47
G 17.0	467.97	454.20	436.12	419.99	398.25	380.68	360.07	345.23	325.47	312.71	299.26	287.49	275.00	275.00	275.00
G 18.0	479.41	463.62	444.33	427.60	405.17	385.76	364.07	346.94	327.16	313.25	298.89	286.41	273.62	273.62	273.62
G 19.0	490.61	473.03	453.54	435.79	411.55	391.23	367.94	349.69	328.29	313.31	298.60	285.26	272.26	272.26	272.26
G 20.0	495.60	480.82	461.50	444.14	418.47	396.14	371.93	352.76	329.69	313.36	298.08	284.09	270.80	270.80	270.80
G 21.0	502.29	488.13	469.04	451.37	424.28	402.06	375.84	354.62	331.18	314.60	297.84	283.38	269.45	269.45	269.45
G 22.0	507.26	493.92	476.09	458.15	430.87	406.89	380.40	358.11	333.09	315.15	297.90	283.49	268.29	268.29	268.29
G 23.0	511.88	498.24	482.26	464.15	436.66	413.15	384.28	361.12	334.54	315.94	298.24	282.61	267.25	267.25	267.25
G 24.0	513.84	502.08	487.90	470.09	442.94	417.53	388.63	364.09	336.99	316.67	298.93	283.09	266.98	266.98	266.98
G 25.0	514.43	504.93	491.56	475.73	449.02	422.96	392.64	368.51	339.37	318.42	299.74	283.32	266.57	266.57	266.57
G 26.0	513.26	505.55	494.05	479.62	453.70	428.12	397.18	371.87	341.82	320.49	301.08	284.09	266.78	266.78	266.78
G 27.0	511.37	504.90	497.12	483.61	459.17	433.84	401.88	375.09	344.41	322.07	302.62	284.42	267.00	267.00	267.00
G 28.0	508.47	503.83	498.18	487.54	463.53	438.82	407.09	379.24	347.32	324.27	304.07	284.56	266.43	266.43	266.43
G 29.0	502.69	500.21	498.20	489.58	467.57	443.64	411.91	382.79	350.70	326.68	305.73	285.42	266.82	266.82	266.82
G 30.0	496.28	496.75	497.21	490.66	471.67	448.06	416.89	387.63	353.77	329.24	307.51	286.72	267.08	267.08	267.08
G 31.0	487.87	490.56	495.43	491.17	474.13	452.56	421.16	391.76	357.31	332.86	309.73	288.66	268.00	268.00	268.00
G 32.0	477.28	484.30	491.78	490.45	475.85	456.02	425.65	395.63	360.76	335.81	312.35	289.78	267.97	267.97	267.97
G 33.0	465.53	476.12	487.33	488.40	477.07	458.77	429.92	401.20	365.28	339.18	314.85	291.33	269.08	269.08	269.08
G 34.0	451.90	465.32	481.09	485.16	477.37	461.91	434.77	405.13	369.21	343.25	317.91	293.83	270.22	270.22	270.22
G 35.0	435.98	454.36	474.03	481.80	477.22	464.39	439.00	410.58	374.44	347.44	321.25	296.33	270.95	270.95	270.95
G 36.0	420.65	440.63	464.38	475.89	475.75	465.78	442.68	416.38	379.75	351.25	325.61	298.59	272.30	272.30	272.30
G 37.0	403.29	425.47	454.08	469.22	473.28	466.74	446.91	422.17	384.96	355.57	329.86	301.43	274.03	274.03	274.03
G 38.0	387.27	410.64	441.84	461.64	470.52	467.35	451.24	428.31	390.61	362.36	334.97	304.08	275.68	275.68	275.68
G 39.0	367.55	394.56	429.48	453.30	465.5										



Apparecchio					Rilievo					Lampada					
Codice	ITALO 2 0F2H1 SV 4.5-4M				Codice	AEC14405				Codice	L-IT2-0F2H1-4000-525-4M				
Nome	ITALO 2 0F2H1 SV 4.5-4M				Nome	ITALO 2 0F2H1 SV 4.5-4M				Numero	1				
Archivio	Eulumdat				Data	09-03-2016				Posizione					
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%	
Flusso Lampade		6720.00 lm		Valore Massimo		714.72 cd/klm		Posizione		C=10.00 G=67.00		CG		Asimmetrico	
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	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54
G 1.0	332.01	330.07	330.07	328.60	327.38	328.47	325.97	325.74	325.09	325.05	324.67	323.06	323.61	322.42	322.42
G 2.0	332.90	328.32	328.32	328.67	325.89	326.88	323.97	321.75	321.63	318.65	318.30	315.93	316.91	315.12	315.12
G 3.0	327.58	322.00	323.12	319.28	321.52	317.22	317.24	316.84	314.93	314.46	310.07	309.56	309.56	307.63	307.63
G 4.0	316.07	308.95	312.33	306.68	310.97	307.23	309.91	308.64	307.74	307.58	305.28	304.03	299.20	299.20	299.20
G 5.0	300.37	292.51	296.85	292.14	298.57	294.28	299.11	297.47	299.57	299.33	298.17	297.88	293.33	293.33	293.33
G 6.0	289.14	282.70	284.30	279.39	281.92	279.02	285.87	285.01	290.02	290.63	290.82	291.18	288.39	288.39	288.39
G 7.0	285.81	279.84	276.18	271.60	271.96	267.35	270.76	271.03	277.99	279.74	283.78	285.74	283.81	283.81	283.81
G 8.0	284.30	277.53	273.81	268.53	265.86	261.35	260.02	260.39	265.68	271.23	275.29	280.46	279.43	279.43	279.43
G 9.0	282.94	275.45	270.89	264.80	262.20	256.90	253.61	252.16	255.58	260.03	268.54	274.54	275.10	275.10	275.10
G 10.0	280.88	273.17	268.21	261.67	258.78	253.28	250.28	248.57	247.31	251.70	260.04	267.68	270.96	270.96	270.96
G 11.0	279.18	270.95	265.43	258.70	255.76	250.52	247.41	245.49	242.80	244.23	250.96	261.24	266.88	266.88	266.88
G 12.0	277.12	268.49	262.32	255.83	253.09	248.03	244.84	242.44	239.77	238.47	244.02	254.57	262.65	262.65	262.65
G 13.0	275.09	265.95	259.88	253.23	250.34	245.78	242.38	239.74	236.75	235.32	236.30	246.41	256.20	256.20	256.20
G 14.0	273.80	263.43	257.06	250.71	248.15	243.25	240.08	237.11	234.15	232.18	230.48	238.72	251.19	251.19	251.19
G 15.0	271.69	261.20	255.02	248.42	245.84	240.65	237.29	234.12	231.35	229.29	226.34	232.22	245.31	245.31	245.31
G 16.0	269.32	258.99	252.42	246.52	243.63	238.40	235.06	232.26	228.85	226.32	223.78	225.50	240.08	240.08	240.08
G 17.0	267.61	256.33	250.32	244.46	241.47	235.79	232.45	229.37	226.37	223.79	220.61	220.63	233.16	233.16	233.16
G 18.0	265.50	254.14	247.99	241.73	239.53	233.73	230.32	227.15	223.51	220.88	217.68	212.32	220.78	220.78	220.78
G 19.0	263.57	252.54	246.30	240.08	237.31	231.41	227.58	224.18	220.69	216.86	211.26	201.55	205.66	205.66	205.66
G 20.0	261.75	250.67	244.46	237.75	235.04	229.31	225.38	221.36	217.84	207.86	201.06	189.76	189.62	189.62	189.62
G 21.0	259.74	249.46	242.74	235.89	232.79	226.62	222.44	218.49	210.95	197.03	190.10	170.80	169.76	169.76	169.76
G 22.0	258.08	247.73	241.03	233.89	230.57	224.10	220.32	211.92	202.07	184.01	170.84	150.22	142.44	142.44	142.44
G 23.0	256.67	246.25	239.53	232.05	228.30	221.80	217.59	203.31	191.35	166.76	150.64	120.27	114.37	114.37	114.37
G 24.0	255.64	245.22	237.88	230.26	226.38	218.95	210.92	192.85	173.31	143.64	123.08	95.82	87.30	87.30	87.30
G 25.0	255.05	243.96	236.63	228.42	223.98	215.93	202.53	177.30	154.88	117.94	99.96	68.36	61.23	61.23	61.23
G 26.0	254.72	243.19	235.27	227.05	221.80	210.10	193.85	157.63	132.05	92.30	73.80	47.93	43.30	43.30	43.30
G 27.0	254.36	242.67	234.01	225.50	219.52	201.93	178.48	134.91	108.92	67.50	53.45	36.43	32.43	32.43	32.43
G 28.0	254.19	242.01	232.86	223.69	216.99	191.90	162.70	113.79	85.07	49.65	39.80	26.14	22.66	22.66	22.66
G 29.0	253.71	241.18	231.62	221.69	211.93	179.60	143.55	93.46	61.93	38.50	29.08	22.33	20.74	20.74	20.74
G 30.0	254.14	240.20	230.64	219.98	204.97	161.89	120.20	71.48	46.95	29.76	24.37	21.37	19.30	19.30	19.30
G 31.0	253.64	239.52	229.38	217.71	195.55	145.81	101.50	52.36	37.38	26.04	22.93	19.96	18.01	18.01	18.01
G 32.0	253.97	238.81	228.17	214.03	183.43	126.23	81.18	42.37	29.26	24.67	21.70	18.86	16.89	16.89	16.89
G 33.0	254.03	238.25	226.66	208.12	168.13	110.04	63.06	34.37	27.67	23.65	20.62	17.57	15.43	15.43	15.43
G 34.0	254.21	237.37	225.18	200.37	154.69	87.85	49.58	31.12	26.53	22.62	19.75	16.26	14.34	14.34	14.34
G 35.0	254.50	236.37	223.49	189.94	136.14	72.09	40.85	30.12	25.48	21.62	18.12	15.42	13.57	13.57	13.57
G 36.0	254.17	235.43	221.64	175.56	119.67	56.01	35.74	29.26	24.70	20.18	17.23	14.74	12.88	12.88	12.88
G 37.0	254.49	234.53	217.66	162.42	103.32	47.43	34.70	28.48	23.81	19.41	16.54	14.07	12.26	12.26	12.26
G 38.0	254.23	233.14	212.06	150.10	84.29	41.85	33.86	27.85	22.61	18.66	15.81	13.49	11.78	11.78	11.78
G 39.0	254.60	232.21	204.87	132.72	69.12	40.20	33.07	26.77	21.80	17.95	15.18	12.92	11.30	11.30	11.30
G 40.0	254.51	230.78	193.72	117.99	57.87	39.29	32.34	25.82	21.16	17.33	14.60	12.49	10.90	10.90	10.90
G 41.0	254.84	229.15	181.14	100.52	50.85	38.52	31.72	25.19	20.54	16.80	14.13	12.12	10.69	10.69	10.69
G 42.0	254.47	227.11	168.80	84.86	47.57	37.73	30.55	24.46	19.99	16.36	13.73	12.02	10.69	10.69	10.69
G 43.0	254.60	222.96	155.61	71.30	46.48	37.12	29.72	23.77	19.47	16.03	13.52	11.90	10.53	10.53	10.53
G 44.0	254.85	217.31	142.75	62.90	45.61	36.06	28.86	23.15	19.02	15.84	13.44	11.70	10.35	10.35	10.35
G 45.0	254.57	209.15	127.05	57.45	44.86	35.11	28.14	22.60	18.61	15.80	13.25	11.50	10.17	10.17	10.17
G 46.0	254.66	199.29	112.99	55.45	44.08	34.13	27.31	22.09	18.41	15.61	13.07	11.30	9.92	9.92	9.92
G 47.0	254.56	188.99	98.75	54.64	43.33	33.31	26.71	21.74	18.30	15.42	12.88	11.08	9.72	9.72	9.72
G 48.0	254.54	177.26	86.53	53.89	42.21	32.42	26.08	21.55	18.10	15.23	12.74	10.89	9.53	9.53	9.53
G 49.0	254.30	165.84	76.85	53.41	41.21	31.78	25.63	21.38	17.90	15.07	12.60	10.71	9.38	9.38	9.38
G 50.0	254.07	155.96	72.47	53.03	40.29	31.16	25.31	21.17	17.71	14.91	12.45	10.58	9.22	9.22	9.22
G 51.0	253.30	143.91	71.32	52.49	39.49	30.69	25.18	21.01	17.55	14.75	12.30	10.39	8.93	8.93	8.93
G 52.0	250.52	133.12	71.32	51.65	38.89	30.44	25.07	20.87	17.39	14.63	12.16	10.08	8.47	8.47	8.47
G 53.0	245.67	122.54	71.50	51.10	38.46	30.46	25.00	20.73	17.23	14.45	11.94	9.61	7.98	7.98	7.98
G 54.0	240.28	114.79	71.88	50.62	38.24	30.60	24.95	20.59	17.10	14.20	11.56	9.28	7.77	7.77	7.77
G 55.0	235.69	110.71	72.49	50.37	38.28	30.80	24.97	20.57	16.93	13.83	11.14	9.24	7.75	7.75	7.75
G 56.0	228.84	110.91	72.91	50.42											



Apparecchio					Rilievo					Lampada					
Codice	ITALO 2 0F2H1 SV 4.5-4M				Codice	AEC14405				Codice	L-IT2-0F2H1-4000-525-4M				
Nome	ITALO 2 0F2H1 SV 4.5-4M				Nome	ITALO 2 0F2H1 SV 4.5-4M				Numero	1				
Archivio	Eulumdat				Data	09-03-2016				Posizione					
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%	
Flusso Lampade		6720.00 lm		Valore Massimo		714.72 cd/klm		Posizione		C=10.00 G=67.00		CG		Asimmetrico	
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	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54	330.54
G 1.0	322.64	320.88	320.55	320.88	322.64	322.42	323.61	323.06	324.67	325.05	325.09	325.74	325.97	325.97	325.97
G 2.0	315.63	312.43	312.71	312.43	315.63	315.12	316.91	315.93	318.30	318.65	321.63	321.75	323.97	323.97	323.97
G 3.0	307.70	304.76	303.66	304.76	307.70	307.63	309.56	310.07	314.46	314.93	316.84	317.24	317.22	317.22	317.22
G 4.0	299.45	297.43	295.70	297.43	299.45	299.20	304.03	305.28	307.58	307.74	308.64	309.91	307.23	307.23	307.23
G 5.0	291.88	289.95	288.02	289.95	291.88	293.33	297.88	298.17	299.33	299.57	297.47	299.11	294.28	294.28	294.28
G 6.0	286.12	284.66	281.64	284.66	286.12	288.39	291.18	290.82	290.63	290.02	285.01	285.87	279.02	279.02	279.02
G 7.0	282.06	278.72	276.91	278.72	282.06	283.81	285.74	283.78	279.74	277.99	271.03	270.76	267.35	267.35	267.35
G 8.0	278.39	274.48	272.31	274.48	278.39	279.43	280.46	275.29	271.23	265.68	260.39	260.02	261.35	261.35	261.35
G 9.0	275.34	270.38	268.58	270.38	275.34	275.10	274.54	268.54	260.03	255.58	252.16	253.61	256.90	256.90	256.90
G 10.0	272.53	266.63	265.02	266.63	272.53	270.96	267.68	260.04	251.70	247.31	248.57	250.28	253.28	253.28	253.28
G 11.0	269.39	263.49	261.54	263.49	269.39	266.88	261.24	250.96	244.23	242.80	245.49	247.41	250.52	250.52	250.52
G 12.0	266.33	260.34	258.26	260.34	266.33	262.65	254.57	244.02	238.47	239.77	242.44	244.84	248.03	248.03	248.03
G 13.0	262.55	256.97	255.03	256.97	262.55	256.20	246.41	236.30	235.32	236.75	239.74	242.38	245.78	245.78	245.78
G 14.0	258.83	253.54	251.32	253.54	258.83	251.19	238.72	230.48	232.18	234.15	237.11	240.08	243.25	243.25	243.25
G 15.0	255.08	250.42	248.05	250.42	255.08	245.31	232.22	226.34	229.29	231.35	234.12	237.29	240.65	240.65	240.65
G 16.0	250.98	247.80	244.28	247.80	250.98	240.08	225.50	223.78	226.32	228.85	232.26	235.06	238.40	238.40	238.40
G 17.0	243.46	242.78	236.21	242.78	243.46	233.16	220.63	220.61	223.79	226.37	229.37	232.45	235.79	235.79	235.79
G 18.0	227.19	229.46	221.08	229.46	227.19	220.78	212.32	217.68	220.88	223.51	227.15	230.32	233.73	233.73	233.73
G 19.0	210.65	213.28	203.33	213.28	210.65	205.66	201.55	211.26	216.86	220.69	224.18	227.58	231.41	231.41	231.41
G 20.0	188.08	193.57	180.87	193.57	188.08	189.62	189.76	201.06	207.86	217.84	221.36	225.38	229.31	229.31	229.31
G 21.0	162.47	168.55	151.88	168.55	162.47	169.76	170.80	190.10	197.03	210.95	218.49	222.44	226.62	226.62	226.62
G 22.0	125.62	135.91	120.10	135.91	125.62	142.44	150.22	170.84	184.01	202.07	211.92	220.32	224.10	224.10	224.10
G 23.0	101.20	106.33	91.90	106.33	101.20	114.37	120.27	150.64	166.76	191.35	203.31	217.59	221.80	221.80	221.80
G 24.0	67.95	74.82	59.46	74.82	67.95	87.30	95.82	123.08	143.64	173.31	192.85	210.92	218.95	218.95	218.95
G 25.0	47.16	47.42	41.91	47.42	47.16	61.23	68.36	99.96	117.94	154.88	177.30	202.53	215.93	215.93	215.93
G 26.0	32.82	34.71	28.73	34.71	32.82	43.30	47.93	73.80	92.30	132.05	157.63	193.85	210.10	210.10	210.10
G 27.0	23.56	23.00	20.60	23.00	23.56	32.43	36.43	53.45	67.50	108.92	134.91	178.48	201.93	201.93	201.93
G 28.0	20.72	19.83	19.00	19.83	20.72	22.66	26.14	39.80	49.65	85.07	113.79	162.70	191.90	191.90	191.90
G 29.0	18.91	18.14	17.43	18.14	18.91	20.74	22.33	29.08	38.50	61.93	93.46	143.55	179.60	179.60	179.60
G 30.0	17.34	16.75	15.99	16.75	17.34	19.30	21.37	24.37	29.76	46.95	71.48	120.20	161.89	161.89	161.89
G 31.0	16.12	15.36	14.80	15.36	16.12	18.01	19.96	22.93	26.04	37.38	52.36	101.50	145.81	145.81	145.81
G 32.0	14.57	13.87	13.10	13.87	14.57	16.89	18.86	21.70	24.67	29.26	42.37	81.18	126.23	126.23	126.23
G 33.0	13.39	12.64	12.02	12.64	13.39	15.43	17.57	20.62	23.65	27.67	34.37	63.06	110.04	110.04	110.04
G 34.0	12.65	11.89	11.31	11.89	12.65	14.34	16.26	19.75	22.62	26.53	31.12	49.58	87.85	87.85	87.85
G 35.0	11.93	11.14	10.68	11.14	11.93	13.57	15.42	18.12	21.62	25.48	30.12	40.85	72.09	72.09	72.09
G 36.0	11.36	10.51	10.05	10.51	11.36	12.88	14.74	17.23	20.18	24.70	29.26	35.74	56.01	56.01	56.01
G 37.0	10.79	9.99	9.62	9.99	10.79	12.26	14.07	16.54	19.41	23.81	28.48	34.70	47.43	47.43	47.43
G 38.0	10.32	9.53	9.18	9.53	10.32	11.78	13.49	15.81	18.66	22.61	27.85	33.86	41.85	41.85	41.85
G 39.0	9.95	9.24	8.88	9.24	9.95	11.30	12.92	15.18	17.95	21.80	26.77	33.07	40.20	40.20	40.20
G 40.0	9.76	9.00	8.80	9.00	9.76	10.90	12.49	14.60	17.33	21.16	25.82	32.34	39.29	39.29	39.29
G 41.0	9.77	9.04	8.85	9.04	9.77	10.69	12.12	14.13	16.80	20.54	25.19	31.72	38.52	38.52	38.52
G 42.0	9.68	8.94	8.70	8.94	9.68	10.69	12.02	13.73	16.36	19.99	24.46				

Apparecchio		Rilievo		Lampada	
Codice	ITALO 2 0F2H1 SV 4.5-4M	Codice	AEC14405	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 SV 4.5-4M	Nome	ITALO 2 0F2H1 SV 4.5-4M	Numero	1
Archivio	Eulumdat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
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Flusso Lampade	6720.00 lm	Valore Massimo	714.72 cd/klm	Posizione	C=10.00 G=67.00	CG	Asimmetrico
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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	330.54	330.54	330.54	330.54	330.54	330.54	330.54
G 1.0	328.47	327.38	328.60	330.07	332.01	331.82	332.58
G 2.0	326.88	325.89	328.67	328.32	332.90	331.50	335.11
G 3.0	321.52	319.28	323.12	322.00	327.58	324.27	331.31
G 4.0	310.97	306.68	312.33	308.95	316.07	310.95	319.99
G 5.0	298.57	292.14	296.85	292.51	300.37	296.53	305.69
G 6.0	281.92	279.39	284.30	282.70	289.14	290.44	296.75
G 7.0	271.96	271.60	276.18	279.84	285.81	288.69	295.19
G 8.0	265.86	268.53	273.81	277.53	284.30	287.27	294.59
G 9.0	262.20	264.80	270.89	275.45	282.94	286.37	293.69
G 10.0	258.78	261.67	268.21	273.17	280.88	284.81	292.63
G 11.0	255.76	258.70	265.43	270.95	279.18	283.65	293.05
G 12.0	253.09	255.83	262.32	268.49	277.12	282.51	292.19
G 13.0	250.34	253.23	259.88	265.95	275.09	280.84	291.00
G 14.0	248.15	250.71	257.06	263.43	273.80	279.42	290.24
G 15.0	245.84	248.42	255.02	261.20	271.69	277.71	289.44
G 16.0	243.63	246.52	252.42	258.99	269.32	276.47	288.40
G 17.0	241.47	244.46	250.32	256.33	267.61	275.00	287.49
G 18.0	239.53	241.73	247.99	254.14	265.50	273.62	286.41
G 19.0	237.31	240.08	246.30	252.54	263.57	272.26	285.26
G 20.0	235.04	237.75	244.46	250.67	261.75	270.80	284.09
G 21.0	232.79	235.89	242.74	249.46	259.74	269.45	283.38
G 22.0	230.57	233.89	241.03	247.73	258.08	268.29	283.49
G 23.0	228.30	232.05	239.53	246.25	256.67	267.25	282.61
G 24.0	226.38	230.26	237.88	245.22	255.64	266.98	283.09
G 25.0	223.98	228.42	236.63	243.96	255.05	266.57	283.32
G 26.0	221.80	227.05	235.27	243.19	254.72	266.78	284.09
G 27.0	219.52	225.50	234.01	242.67	254.36	267.00	284.42
G 28.0	216.99	223.69	232.86	242.01	254.19	266.43	284.56
G 29.0	211.93	221.69	231.62	241.18	253.71	266.82	285.42
G 30.0	204.97	219.98	230.64	240.20	254.14	267.08	286.72
G 31.0	195.55	217.71	229.38	239.52	253.64	268.00	288.66
G 32.0	183.43	214.03	228.17	238.81	253.97	267.97	289.78
G 33.0	168.13	208.12	226.66	238.25	254.03	269.08	291.33
G 34.0	154.69	200.37	225.18	237.37	254.21	270.22	293.83
G 35.0	136.14	189.94	223.49	236.37	254.50	270.95	296.33
G 36.0	119.67	175.56	221.64	235.43	254.17	272.30	298.59
G 37.0	103.32	162.42	217.66	234.53	254.49	274.03	301.43
G 38.0	84.29	150.10	212.06	233.14	254.23	275.68	304.08
G 39.0	69.12	132.72	204.87	232.21	254.60	277.50	308.16
G 40.0	57.87	117.99	193.72	230.78	254.51	279.59	311.70
G 41.0	50.85	100.52	181.14	229.15	254.84	281.59	315.67
G 42.0	47.57	84.86	168.80	227.11	254.47	283.80	320.36
G 43.0	46.48	71.30	155.61	222.96	254.60	286.32	325.82
G 44.0	45.61	62.90	142.75	217.31	254.85	288.86	331.48
G 45.0	44.86	57.45	127.05	209.15	254.57	291.22	336.00
G 46.0	44.08	55.45	112.99	199.29	254.66	293.72	341.69
G 47.0	43.33	54.64	98.75	188.99	254.56	295.93	347.64
G 48.0	42.21	53.89	86.53	177.26	254.54	298.81	352.93
G 49.0	41.21	53.41	76.85	165.84	254.30	301.33	359.14
G 50.0	40.29	53.03	72.47	155.96	254.07	303.82	365.32
G 51.0	39.49	52.49	71.32	143.91	253.30	307.18	371.35
G 52.0	38.89	51.65	71.32	133.12	250.52	310.52	378.04
G 53.0	38.46	51.10	71.50	122.54	245.67	314.72	383.72
G 54.0	38.24	50.62	71.88	114.79	240.28	319.62	391.37
G 55.0	38.28	50.37	72.49	110.71	235.69	325.38	399.29
G 56.0	38.65	50.42	72.91	110.91	228.84	322.61	399.01
G 57.0	39.17	50.70	73.17	113.15	220.18	324.34	404.25
G 58.0	39.83	51.23	73.56	115.92	219.77	335.00	416.78
G 59.0	40.53	51.91	73.94	118.07	218.75	345.32	428.75
G 60.0	41.51	52.82	74.53	119.87	217.06	354.43	440.08
G 61.0	42.50	54.00	75.19	120.83	213.94	362.36	451.76
G 62.0	43.74	54.99	75.74	120.67	210.02	367.39	461.34
G 63.0	44.91	56.18	76.16	119.22	207.82	369.35	468.40
G 64.0	46.15	57.39	76.20	117.20	206.49	366.76	474.18
G 65.0	47.12	58.56	75.89	114.10	202.16	362.12	475.84
G 66.0	47.97	59.62	75.15	109.83	196.26	354.58	473.99
G 67.0	48.80	60.52	73.91	105.00	186.09	342.66	468.22
G 68.0	49.23	61.00	72.32	98.79	174.70	325.08	456.73
G 69.0	49.23	60.55	70.33	91.82	161.31	299.11	443.60
G 70.0	48.73	59.58	67.79	83.65	144.28	273.87	408.20
G 71.0	47.27	58.26	64.96	75.15	129.27	243.72	367.50
G 72.0	45.21	55.71	60.87	66.83	110.58	213.98	339.37



Apparecchio				Rilievo				Lampada										
Codice	ITALO 2 0F2H1 SV 4.5-4M			Codice	AEC14405			Codice	L-IT2-0F2H1-4000-525-4M									
Nome	ITALO 2 0F2H1 SV 4.5-4M			Nome	ITALO 2 0F2H1 SV 4.5-4M			Numero	1									
Archivio	Eulumatd			Data	09-03-2016			Posizione										
Flusso Apparecchio		6720.00 lm	Potenza Apparecchio		59.50 W	Efficacia		112.94 lm/W	Rendimento		100.00%							
Flusso Lampade		6720.00 lm	Valore Massimo		714.72 cd/klm	Posizione		C=10.00 G=67.00	CG Asimmetrico									
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	366.29	474.02	534.82	549.58	474.80	344.28	237.50	147.20	80.25	52.81	34.06	23.10	17.75					
G 74.0	320.10	422.06	487.90	501.24	425.71	303.46	209.51	123.19	71.05	45.71	29.95	20.46	16.07					
G 75.0	253.35	359.73	437.00	444.06	372.26	265.41	176.12	103.91	62.01	38.25	25.46	17.83	14.54					
G 76.0	213.78	293.10	363.61	377.83	307.81	223.79	142.72	86.33	53.16	30.90	21.37	15.82	12.64					
G 77.0	166.45	239.17	300.46	312.79	251.73	176.76	112.46	70.07	42.96	25.40	17.91	13.50	10.94					
G 78.0	113.97	176.70	224.58	235.09	194.37	134.24	88.01	52.77	35.21	19.92	14.33	11.21	9.10					
G 79.0	83.48	123.89	159.36	166.13	146.27	98.35	66.84	37.26	26.69	14.42	11.41	8.95	7.49					
G 80.0	63.79	93.47	119.03	122.86	106.55	73.04	47.21	25.83	19.90	10.59	8.67	6.90	5.93					
G 81.0	41.16	72.66	90.91	91.33	78.11	50.11	32.15	16.37	13.38	7.38	6.37	5.11	4.54					
G 82.0	18.43	40.65	55.52	52.46	47.61	31.52	20.56	10.22	7.86	4.98	4.49	3.88	3.41					
G 83.0	8.29	14.38	21.47	24.01	22.06	16.52	10.39	5.83	3.92	3.25	3.07	2.59	2.34					
G 84.0	3.95	6.52	8.05	8.47	8.96	6.73	5.46	3.19	2.46	1.98	2.00	1.65	1.43					
G 85.0	2.30	3.56	3.93	3.89	4.06	3.28	2.73	1.70	1.33	1.05	1.00	0.89	0.84					
G 86.0	1.00	1.99	2.13	1.95	2.05	1.69	1.41	0.88	0.73	0.54	0.49	0.39	0.37					
G 87.0	0.19	0.66	0.89	0.79	0.90	0.59	0.63	0.42	0.34	0.24	0.25	0.17	0.17					
G 88.0	0.14	0.18	0.20	0.19	0.21	0.17	0.18	0.15	0.14	0.13	0.12	0.12	0.11					
G 89.0	0.08	0.14	0.16	0.15	0.15	0.14	0.13	0.12	0.11	0.11	0.11	0.11	0.10					
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 2 0F2H1 SV 4.5-4M			Codice	AEC14405			Codice	L-IT2-0F2H1-4000-525-4M													
Nome	ITALO 2 0F2H1 SV 4.5-4M			Nome	ITALO 2 0F2H1 SV 4.5-4M			Numero	1													
Archivio	Eulumatd			Data	09-03-2016			Posizione														
Flusso Apparecchio	6720.00 lm			Potenza Apparecchio	59.50 W			Efficacia	112.94 lm/W		Rendimento	100.00%										
Flusso Lampade	6720.00 lm			Valore Massimo	714.72 cd/klm		Posizione	C=10.00 G=67.00		CG Asimmetrico												
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	14.27	12.55	10.68	9.37	7.81	7.36	7.81	9.37	10.68	12.55	14.27	17.75	23.10									
G 74.0	12.83	11.35	9.76	8.55	7.10	6.67	7.10	8.55	9.76	11.35	12.83	16.07	20.46									
G 75.0	11.59	10.17	8.75	7.72	6.33	6.03	6.33	7.72	8.75	10.17	11.59	14.54	17.83									
G 76.0	10.05	9.09	7.69	6.83	5.63	5.38	5.63	6.83	7.69	9.09	10.05	12.64	15.82									
G 77.0	8.63	7.83	6.67	5.97	4.92	4.64	4.92	5.97	6.67	7.83	8.63	10.94	13.50									
G 78.0	7.23	6.61	5.60	5.04	4.15	3.99	4.15	5.04	5.60	6.61	7.23	9.10	11.21									
G 79.0	6.03	5.41	4.59	4.10	3.42	3.36	3.42	4.10	4.59	5.41	6.03	7.49	8.95									
G 80.0	4.72	4.30	3.67	3.31	2.76	2.69	2.76	3.31	3.67	4.30	4.72	5.93	6.90									
G 81.0	3.67	3.32	2.83	2.56	2.14	2.06	2.14	2.56	2.83	3.32	3.67	4.54	5.11									
G 82.0	2.70	2.47	2.08	1.93	1.54	1.60	1.54	1.93	2.08	2.47	2.70	3.41	3.88									
G 83.0	1.84	1.65	1.37	1.28	1.04	1.06	1.04	1.28	1.37	1.65	1.84	2.34	2.59									
G 84.0	1.10	1.03	0.84	0.75	0.63	0.65	0.63	0.75	0.84	1.03	1.10	1.43	1.65									
G 85.0	0.60	0.55	0.43	0.41	0.34	0.33	0.34	0.41	0.43	0.55	0.60	0.84	0.89									
G 86.0	0.27	0.25	0.20	0.20	0.16	0.16	0.16	0.20	0.20	0.25	0.27	0.37	0.39									
G 87.0	0.14	0.13	0.11	0.11	0.09	0.08	0.09	0.11	0.11	0.13	0.14	0.17	0.17									
G 88.0	0.10	0.09	0.09	0.08	0.06	0.06	0.06	0.08	0.09	0.09	0.10	0.11	0.12									
G 89.0	0.10	0.08	0.08	0.07	0.06	0.05	0.06	0.07	0.08	0.08	0.10	0.10	0.11									
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 2 0F2H1 SV 4.5-4M			Codice	AEC14405			Codice	L-IT2-0F2H1-4000-525-4M								
Nome	ITALO 2 0F2H1 SV 4.5-4M			Nome	ITALO 2 0F2H1 SV 4.5-4M			Numero	1								
Archivio	Eulumatd			Data	09-03-2016			Posizione									
Flusso Apparecchio	6720.00 lm			Potenza Apparecchio	59.50 W			Efficacia	112.94 lm/W								
Flusso Lampade	6720.00 lm			Valore Massimo	714.72 cd/klm			Posizione	C=10.00 G=67.00								
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	34.06	52.81	80.25	147.20	237.50	344.28	474.80	549.58	534.82	474.02	366.29	306.11	182.90				
G 74.0	29.95	45.71	71.05	123.19	209.51	303.46	425.71	501.24	487.90	422.06	320.10	266.16	150.65				
G 75.0	25.46	38.25	62.01	103.91	176.12	265.41	372.26	444.06	437.00	359.73	253.35	220.58	123.34				
G 76.0	21.37	30.90	53.16	86.33	142.72	223.79	307.81	377.83	363.61	293.10	213.78	183.00	98.72				
G 77.0	17.91	25.40	42.96	70.07	112.46	176.76	251.73	312.79	300.46	239.17	166.45	138.23	77.25				
G 78.0	14.33	19.92	35.21	52.77	88.01	134.24	194.37	235.09	224.58	176.70	113.97	99.52	57.71				
G 79.0	11.41	14.42	26.69	37.26	66.84	98.35	146.27	166.13	159.36	123.89	83.48	72.91	43.07				
G 80.0	8.67	10.59	19.90	25.83	47.21	73.04	106.55	122.86	119.03	93.47	63.79	54.81	28.37				
G 81.0	6.37	7.38	13.38	16.37	32.15	50.11	78.11	91.33	90.91	72.66	41.16	33.78	16.38				
G 82.0	4.49	4.98	7.86	10.22	20.56	31.52	47.61	52.46	55.52	40.65	18.43	15.41	8.41				
G 83.0	3.07	3.25	3.92	5.83	10.39	16.52	22.06	24.01	21.47	14.38	8.29	6.31	4.63				
G 84.0	2.00	1.98	2.46	3.19	5.46	6.73	8.96	8.47	8.05	6.52	3.95	3.45	2.56				
G 85.0	1.00	1.05	1.33	1.70	2.73	3.28	4.06	3.89	3.93	3.56	2.30	1.95	1.43				
G 86.0	0.49	0.54	0.73	0.88	1.41	1.69	2.05	1.95	2.13	1.99	1.00	0.97	0.53				
G 87.0	0.25	0.24	0.34	0.42	0.63	0.59	0.90	0.79	0.89	0.66	0.19	0.20	0.17				
G 88.0	0.12	0.13	0.14	0.15	0.18	0.17	0.21	0.19	0.20	0.18	0.14	0.14	0.14				
G 89.0	0.11	0.11	0.11	0.12	0.13	0.14	0.15	0.15	0.16	0.14	0.08	0.09	0.10				
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 2 0F2H1 SV 4.5-4M				Codice	AEC14405				Codice	L-IT2-0F2H1-4000-525-4M				
Nome	ITALO 2 0F2H1 SV 4.5-4M				Nome	ITALO 2 0F2H1 SV 4.5-4M				Numero	1				
Archivio	Eulumdat				Data	09-03-2016				Posizione					
Flusso Apparecchio		6720.00 lm		Potenza Apparecchio		59.50 W		Efficacia		112.94 lm/W		Rendimento		100.00%	
Flusso Lampade		6720.00 lm		Valore Massimo		714.72 cd/klm		Posizione		C=10.00 G=67.00		CG		Asimmetrico	
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	93.11	59.38	57.19	52.14	42.41	29.59	21.13	16.01	13.24	11.41	10.17	9.24	8.64		
G 74.0	77.93	52.16	52.71	47.97	39.21	27.06	19.60	14.91	12.39	10.71	9.53	8.61	8.16		
G 75.0	62.59	46.24	48.17	43.47	35.72	24.74	17.91	13.70	11.56	9.88	8.90	7.97	7.58		
G 76.0	49.71	40.23	43.55	39.20	31.82	22.16	16.21	12.44	10.49	9.06	8.03	7.24	6.91		
G 77.0	38.97	33.93	38.13	33.85	27.56	19.31	14.44	11.11	9.34	8.02	7.27	6.43	6.08		
G 78.0	29.92	28.43	31.82	28.53	23.32	16.50	12.53	9.81	8.12	6.95	6.24	5.54	5.25		
G 79.0	22.14	22.30	26.05	22.89	19.21	13.54	10.62	8.25	6.92	5.83	5.32	4.56	4.45		
G 80.0	15.88	16.44	19.27	17.47	15.30	10.93	8.72	6.67	5.62	4.60	4.32	3.71	3.57		
G 81.0	11.02	11.42	13.87	12.17	11.34	8.44	6.89	5.28	4.46	3.56	3.31	2.85	2.71		
G 82.0	6.89	7.16	8.51	8.43	8.23	6.07	5.33	3.95	3.28	2.58	2.45	2.10	1.95		
G 83.0	4.45	4.00	4.93	4.90	5.16	4.17	3.47	2.81	2.22	1.74	1.57	1.33	1.30		
G 84.0	2.57	2.24	2.71	2.71	2.99	2.52	2.22	1.73	1.39	1.00	0.93	0.73	0.66		
G 85.0	1.37	1.14	1.25	1.16	1.46	1.16	1.07	0.80	0.65	0.40	0.39	0.27	0.27		
G 86.0	0.62	0.48	0.63	0.46	0.54	0.40	0.43	0.25	0.23	0.15	0.12	0.10	0.10		
G 87.0	0.18	0.16	0.17	0.15	0.15	0.12	0.14	0.11	0.10	0.10	0.09	0.08	0.08		
G 88.0	0.14	0.12	0.13	0.12	0.11	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.07		
G 89.0	0.10	0.09	0.09	0.09	0.09	0.07	0.09	0.08	0.08	0.08	0.07	0.07	0.07		
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 2 0F2H1 SV 4.5-4M			Codice	AEC14405			Codice	L-IT2-0F2H1-4000-525-4M								
Nome	ITALO 2 0F2H1 SV 4.5-4M			Nome	ITALO 2 0F2H1 SV 4.5-4M			Numero	1								
Archivio	Eulumatd			Data	09-03-2016			Posizione									
Flusso Apparecchio	6720.00 lm			Potenza Apparecchio	59.50 W			Efficacia	112.94 lm/W								
Flusso Lampade	6720.00 lm			Valore Massimo	714.72 cd/klm			Posizione	C=10.00 G=67.00								
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	8.20	7.67	7.58	7.67	8.20	8.64	9.24	10.17	11.41	13.24	16.01	21.13	29.59				
G 74.0	7.66	7.20	7.10	7.20	7.66	8.16	8.61	9.53	10.71	12.39	14.91	19.60	27.06				
G 75.0	7.05	6.63	6.53	6.63	7.05	7.58	7.97	8.90	9.88	11.56	13.70	17.91	24.74				
G 76.0	6.35	5.98	5.91	5.98	6.35	6.91	7.24	8.03	9.06	10.49	12.44	16.21	22.16				
G 77.0	5.62	5.34	5.22	5.34	5.62	6.08	6.43	7.27	8.02	9.34	11.11	14.44	19.31				
G 78.0	4.90	4.60	4.42	4.60	4.90	5.25	5.54	6.24	6.95	8.12	9.81	12.53	16.50				
G 79.0	4.01	3.85	3.55	3.85	4.01	4.45	4.56	5.32	5.83	6.92	8.25	10.62	13.54				
G 80.0	3.19	3.08	2.89	3.08	3.19	3.57	3.71	4.32	4.60	5.62	6.67	8.72	10.93				
G 81.0	2.44	2.36	2.19	2.36	2.44	2.71	2.85	3.31	3.56	4.46	5.28	6.89	8.44				
G 82.0	1.68	1.70	1.61	1.70	1.68	1.95	2.10	2.45	2.58	3.28	3.95	5.33	6.07				
G 83.0	1.10	1.08	0.94	1.08	1.10	1.30	1.33	1.57	1.74	2.22	2.81	3.47	4.17				
G 84.0	0.56	0.55	0.49	0.55	0.56	0.66	0.73	0.93	1.00	1.39	1.73	2.22	2.52				
G 85.0	0.21	0.22	0.19	0.22	0.21	0.27	0.27	0.39	0.40	0.65	0.80	1.07	1.16				
G 86.0	0.09	0.08	0.07	0.08	0.09	0.10	0.10	0.12	0.15	0.23	0.25	0.43	0.40				
G 87.0	0.08	0.07	0.06	0.07	0.08	0.08	0.08	0.09	0.10	0.10	0.11	0.14	0.12				
G 88.0	0.07	0.06	0.06	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.09	0.10	0.10				
G 89.0	0.07	0.06	0.05	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.09	0.07				
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 2 0F2H1 SV 4.5-4M	Codice	AEC14405	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 SV 4.5-4M	Nome	ITALO 2 0F2H1 SV 4.5-4M	Numero	1
Archivio	Eulumat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.72 cd/klm	Posizione	C=10.00 G=67.00	CG	Asimmetrico

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	42.41	52.14	57.19	59.38	93.11	182.90	306.11
G 74.0	39.21	47.97	52.71	52.16	77.93	150.65	266.16
G 75.0	35.72	43.47	48.17	46.24	62.59	123.34	220.58
G 76.0	31.82	39.20	43.55	40.23	49.71	98.72	183.00
G 77.0	27.56	33.85	38.13	33.93	38.97	77.25	138.23
G 78.0	23.32	28.53	31.82	28.43	29.92	57.71	99.52
G 79.0	19.21	22.89	26.05	22.30	22.14	43.07	72.91
G 80.0	15.30	17.47	19.27	16.44	15.88	28.37	54.81
G 81.0	11.34	12.17	13.87	11.42	11.02	16.38	33.78
G 82.0	8.23	8.43	8.51	7.16	6.89	8.41	15.41
G 83.0	5.16	4.90	4.93	4.00	4.45	4.63	6.31
G 84.0	2.99	2.71	2.71	2.24	2.57	2.56	3.45
G 85.0	1.46	1.16	1.25	1.14	1.37	1.43	1.95
G 86.0	0.54	0.46	0.63	0.48	0.62	0.53	0.97
G 87.0	0.15	0.15	0.17	0.16	0.18	0.17	0.20
G 88.0	0.11	0.12	0.13	0.12	0.14	0.14	0.14
G 89.0	0.09	0.09	0.09	0.09	0.10	0.10	0.09
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 2 0F2H1 SV 4.5-4M	Codice	AEC14405	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 SV 4.5-4M	Nome	ITALO 2 0F2H1 SV 4.5-4M	Numero	1
Archivio	Eulumat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.72 cd/klm	Posizione	C=10.00 G=67.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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 2 0F2H1 SV 4.5-4M	Codice	AEC14405	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 SV 4.5-4M	Nome	ITALO 2 0F2H1 SV 4.5-4M	Numero	1
Archivio	Eulumat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.72 cd/klm	Posizione	C=10.00 G=67.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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 2 0F2H1 SV 4.5-4M	Codice	AEC14405	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 SV 4.5-4M	Nome	ITALO 2 0F2H1 SV 4.5-4M	Numero	1
Archivio	Eulumat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.72 cd/klm	Posizione	C=10.00 G=67.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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 2 0F2H1 SV 4.5-4M		Codice	AEC14405		Codice	L-IT2-0F2H1-4000-525-4M	
Nome	ITALO 2 0F2H1 SV 4.5-4M		Nome	ITALO 2 0F2H1 SV 4.5-4M		Numero	1	
Archivio	Eulumat		Data	09-03-2016		Posizione		

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.72 cd/klm	Posizione	C=10.00 G=67.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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 2 0F2H1 SV 4.5-4M	Codice	AEC14405	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 SV 4.5-4M	Nome	ITALO 2 0F2H1 SV 4.5-4M	Numero	1
Archivio	Eulumat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.72 cd/klm	Posizione	C=10.00 G=67.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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 2 0F2H1 SV 4.5-4M	Codice	AEC14405	Codice	L-IT2-0F2H1-4000-525-4M
Nome	ITALO 2 0F2H1 SV 4.5-4M	Nome	ITALO 2 0F2H1 SV 4.5-4M	Numero	1
Archivio	Eulumdat	Data	09-03-2016	Posizione	

Flusso Apparecchio	6720.00 lm	Potenza Apparecchio	59.50 W	Efficacia	112.94 lm/W	Rendimento	100.00%
Flusso Lampade	6720.00 lm	Valore Massimo	714.72 cd/klm	Posizione	C=10.00 G=67.00	CG	Asimmetrico

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

Photometric Test Report



Costruttore	AEC ILLUMINAZIONE SRL
Tipo di prodotto	Outdoor Lighting Luminaire
Codice fotometria	ECOEVO 2 0F2H1 S05 4.5-2M
Codice apparecchio	ECOEVO 2 0F2H1 S05 4.5-2M
Rilievo fotometrico	AEC18621
Descrizione apparecchio	ECOEVO 2 0F2H1 S05 4.5-2M
Data delle prove	15/12/2016

Foto del prodotto



Responsabile laboratorio fotometrico	Luca Vagheggi	
Tecnico laboratorio che ha eseguito la misura	Alessio Vagheggi	





Sommario e Allegati

Sommario	Dati apparecchio	
	Normative di riferimento	
	Procedure di riferimento	
	Condizioni di prova	
	Risultati fotometrici	
	Lista strumentazione	
	Incertezza strumentale	
Allegati	Dati Generali	X
	Tabella fotometrica delle Intensità (cd/Klm)	X
	Tabella fotometrica delle Intensità (cd)	
	Diagramma Polare	
	Diagramma Cartesiano	
	Valutazione UGR	
	Diagramma Sollner Abbagliamento	
	Flusso Zonale	X
	Coefficienti di Utilizzazione	
	Isolux Unitario	
	Isocandele Percentuale	
	Tabella e Diagramma Luminanza	
	Classificazione Strade	X
	Classificazione Strade IES TM-15	





DATI APPARECCHIO

Geometria apparecchio	Circolare		
Dimensioni apparecchio (mm)	Lunghezza / Diametro	Larghezza	Altezza
	520	0	220
Dimensioni area luminosa (mm)	Lunghezza / Diametro	Larghezza	Altezza C0
	60	220	0
	Altezza C90	Altezza C180	Altezza C270
	0	0	0
Tipo sorgente	LED		
Modello sorgente	Luxeon-M, Luxeon-Tx		
Tipo Alimentatore	Electronic		
Modello Alimentatore	Osram OT		

NORMATIVE DI RIFERIMENTO

Normative di riferimento	UNI EN 13032-1 UNI EN 13032-4 IES LM-79-08
Valutazione luce parassita	In accordo con Annex A UNI EN 13032-1

PROCEDURE DI RIFERIMENTO

Procedure di riferimento	I-QL-009
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CONDIZIONI DI PROVA

Laboratorio fotometrico	Interno AEC ILLUMINAZIONE srl, in regime di sistema di qualità aziendale certificato ISO 9001:2008, autorizzato UL	
Condizioni Ambientali	Temperatura ambiente °C	25 ± 1
	Umidità relativa	< 60
	Movimento aria	< 0.2
Condizioni Elettriche	Tensione di alimentazione	230V AC ± 0.2%
	Frequenza di alimentazione	50 Hz ± 0.1%
	Distorsione armonica THD V	< 0.5%
Condizioni Preliminari Prova	Metodo di misura	Goniofotometro Sfera- spettrometro
	Sistema di riferimento misura	Sistema C-y (Gonio) Sfera (Integrale)
	Posizione di misura	Verticale (Gonio) Orizzontale (Sfera)
	Distanza di misura (m)	9.03
	Tempo di stabilizzazione (min)	120
	Instabilità sorgente	< 0.5%

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.





RISULTATI FOTOMETRICI

Tipo di misura fotometrica	Assoluta
LOR	100.0
Flusso luminoso apparecchio (lm)	3220
Potenza ingresso apparecchio (W)	31.0
Efficienza apparecchio (lm/W)	104
Note e commenti	

LISTA STRUMENTAZIONE

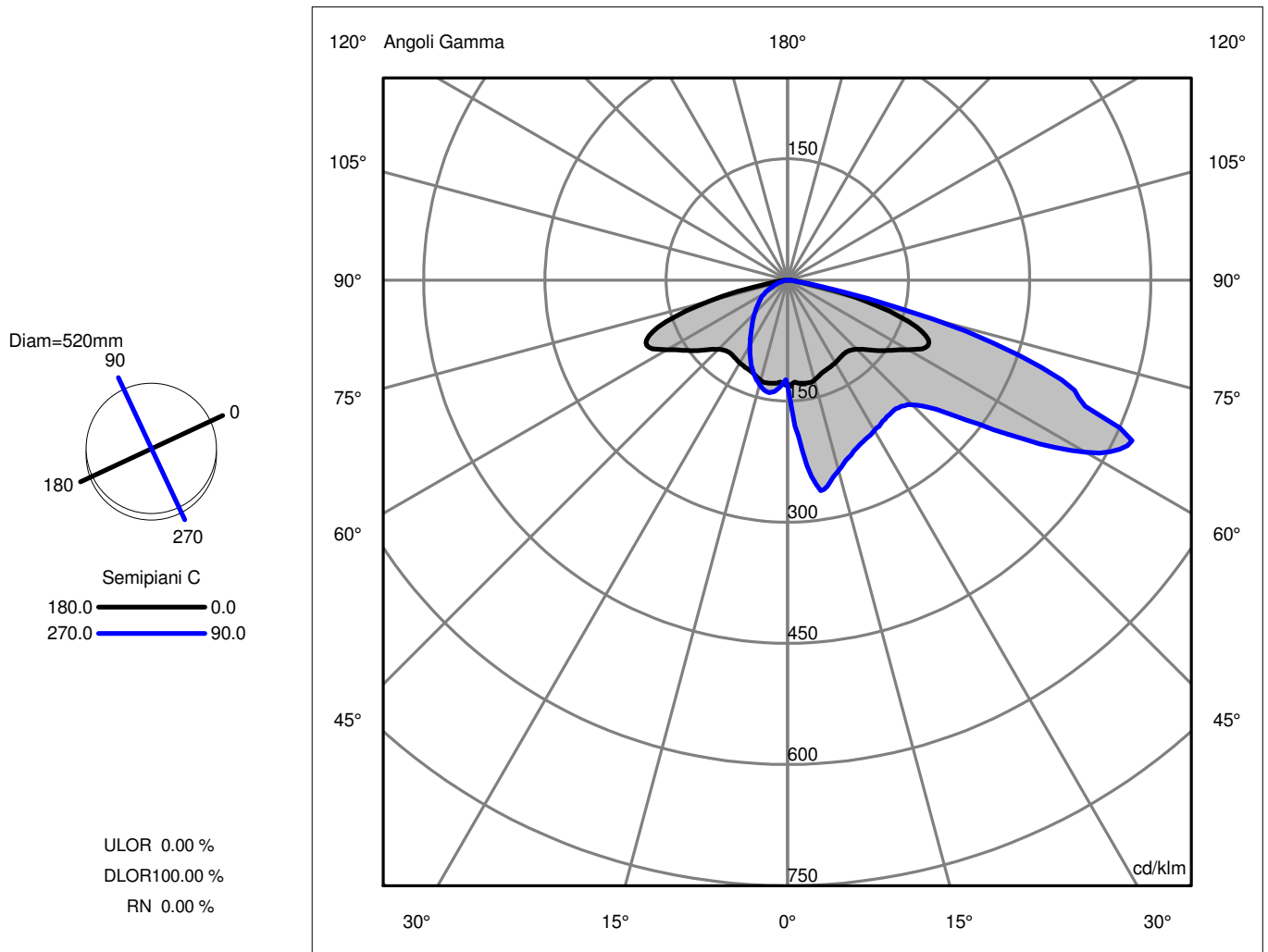
CODICE AEC	STRUMENTO	COSTRUTTORE	MODELLO
Q129	Luxmetro	Czibula&Grundmann	100310
Q130	Goniofotometro	Oxytech	T2
Q131	Termoigrometro	Delta Ohm	HD2001
Q132	Wattmetro	N4L	PPA2510
Q135	Stabilizzatore	Elettrotest	TPS/M/9KW
Q190	Sfera Integratrice	Labsphere	LMS65
Q195	Spettroradiometro	Labsphere	CDS610

INCERTEZZA STRUMENTALE

Encoder goniofotometro Oxytech T2	Precisione angolare in C – gamma	$\pm 0.044^\circ$
Luxmetro C&G	f1'	< 1.23%
Spettroradiometro	Incetezza lunghezza d'onda	< 0.5nm
	Incetezza coordinate cromatiche	± 0.003
Wattmetro Kinetiq N4L PPA2510	Accuratezza di potenza	< [0.05% + 0.03%/pf + (0.01%/kHz)/pf] Rdg + 0.05%VA Rng



Apparecchio			Rilievo			Lampada	
Codice	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621		Codice	L- EE2-0F2H1-4000-525-2M-70-25
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Numero	1
Archivio	Eulmdat		Data	15-12-2016		Posizione	
Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico
Apparecchio Circolare	Diam.	520 mm	Alt.	220 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		
Sistema Coordinate	CG		Tipo di Simmetria		Asimmetrico		
Data	15-12-2016		Massimo Angolo Gamma		180		
Lampade Apparecchio							
Archivio	Codice	Nome	Flusso [lm]		Pot. [W]	Q.tà	
	L- EE2-0F2H1-4000-525-2M-70-25	L- EE2-0F2H1-4000-525-2M-70-25	3220.00		31.00	1	
C.I.E.	27 61 95 100 100		D DIN 5040		A10		
F UTE	1.00 I		B NBN		BZ 8 / 0.8 / BZ 7 / 1.25 / BZ 6 / 4 / BZ 5		





Apparecchio			Rilievo		Lampada		
Codice	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621	Codice	L	EE2-0F2H1-4000-525-2M-70-25
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1	
Archivio	Eulumatd		Data	15-12-2016	Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG Asimmetrico	

	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	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	
G 1.0	129.85	131.73	132.96	133.72	134.70	136.32	137.63	137.61	139.26	140.22	140.12	141.59	143.54	
G 2.0	129.17	132.26	134.55	136.89	138.70	141.11	143.32	145.04	147.71	149.71	151.09	153.93	155.86	
G 3.0	127.83	132.41	135.78	139.04	141.83	145.97	149.82	153.33	158.04	161.99	164.39	168.57	172.40	
G 4.0	126.72	132.09	136.46	141.20	145.54	151.57	158.17	163.86	169.12	175.01	177.92	182.37	186.36	
G 5.0	127.38	132.95	138.74	144.99	151.86	159.88	168.02	173.07	178.79	182.89	185.97	190.91	195.91	
G 6.0	128.46	134.69	142.11	151.07	160.45	169.33	176.90	180.32	185.54	192.18	196.64	204.76	212.12	
G 7.0	128.65	136.71	145.88	158.07	169.73	179.17	185.35	191.52	199.29	205.41	212.83	218.31	226.22	
G 8.0	129.01	138.05	149.54	163.88	176.42	186.31	194.74	204.10	215.29	221.67	227.03	231.62	236.73	
G 9.0	129.31	139.64	153.40	169.25	181.16	192.36	204.22	217.14	229.98	236.91	241.56	242.89	246.70	
G 10.0	129.74	141.17	157.05	174.28	185.50	198.50	214.56	227.93	241.29	248.11	253.23	254.88	254.76	
G 11.0	129.96	143.06	161.31	177.91	189.76	206.87	224.67	238.18	249.05	256.25	261.19	262.98	259.78	
G 12.0	130.06	144.61	164.76	181.04	195.27	215.36	233.73	244.74	255.74	261.12	263.13	263.30	262.12	
G 13.0	130.09	146.19	168.12	184.24	201.37	223.32	240.24	250.60	259.84	261.80	261.28	260.53	261.18	
G 14.0	129.43	147.49	170.81	187.38	208.49	230.46	246.31	255.33	260.32	259.56	258.41	257.80	258.16	
G 15.0	128.33	148.47	173.48	190.86	214.66	236.10	250.99	257.52	258.73	256.58	255.28	254.10	254.73	
G 16.0	127.35	148.99	174.34	194.88	221.28	241.05	254.26	256.64	255.80	253.82	251.98	250.66	251.18	
G 17.0	126.17	149.52	175.49	199.29	226.85	245.26	255.41	253.77	253.23	250.15	248.19	247.86	247.90	
G 18.0	125.05	150.18	177.91	203.84	231.14	248.47	254.45	251.24	249.82	246.93	245.25	244.11	244.37	
G 19.0	124.03	150.87	180.00	208.67	234.86	250.15	252.44	248.48	246.97	243.87	241.93	240.75	241.45	
G 20.0	123.14	151.87	182.63	213.16	238.00	250.41	250.09	245.15	244.07	240.72	238.48	237.75	238.26	
G 21.0	122.37	153.36	184.36	217.47	240.96	249.71	247.81	242.89	240.97	237.86	235.41	234.82	235.17	
G 22.0	121.59	154.51	185.94	220.75	243.18	247.78	244.97	240.37	238.62	235.24	232.88	232.00	232.80	
G 23.0	121.08	156.14	187.94	223.78	244.16	245.64	242.57	238.00	235.66	232.43	230.18	229.76	230.39	
G 24.0	120.70	157.21	190.79	226.48	244.54	243.53	240.55	235.17	233.91	230.37	228.13	227.56	228.17	
G 25.0	120.36	158.62	193.70	228.90	244.08	241.38	238.63	233.52	231.78	228.59	226.53	225.99	226.77	
G 26.0	120.00	159.80	196.59	231.01	243.10	239.38	236.15	231.31	230.00	227.20	225.45	224.55	225.75	
G 27.0	119.52	160.77	199.60	232.76	241.53	237.66	234.61	230.68	229.30	226.62	224.98	224.36	225.15	
G 28.0	119.09	161.21	201.26	234.41	239.50	236.12	233.54	229.73	229.14	226.69	224.95	224.44	225.43	
G 29.0	118.66	161.70	203.69	235.18	238.04	234.86	232.67	229.16	229.53	227.34	226.25	225.65	226.17	
G 30.0	118.32	162.41	206.12	235.40	236.42	233.38	232.06	229.57	230.35	228.96	227.82	227.13	227.51	
G 31.0	117.77	163.12	208.02	235.37	234.92	232.55	231.43	230.46	231.57	230.87	230.06	229.45	229.46	
G 32.0	117.19	163.86	209.22	234.99	233.89	231.87	231.60	230.99	233.50	233.46	232.70	232.40	231.99	
G 33.0	116.59	164.64	210.43	234.51	232.90	231.51	232.46	233.08	236.29	236.27	236.11	235.67	234.54	
G 34.0	116.21	165.41	211.58	233.81	232.20	231.90	233.95	235.45	239.94	240.19	240.56	239.59	238.02	
G 35.0	115.83	166.76	212.54	233.38	231.87	232.32	235.99	239.81	244.53	245.25	244.73	244.50	241.46	
G 36.0	115.36	167.29	213.96	232.76	232.21	233.92	238.85	244.42	249.98	250.99	250.24	249.27	246.50	
G 37.0	115.06	168.32	214.24	232.67	232.90	236.34	243.34	250.06	257.18	257.87	256.95	255.72	252.28	
G 38.0	115.00	169.08	215.25	232.62	234.46	239.34	248.10	256.74	265.48	265.95	264.30	262.44	258.84	
G 39.0	115.06	169.99	216.59	233.37	237.10	243.82	254.60	264.94	274.27	275.13	272.95	270.77	266.86	
G 40.0	115.36	171.25	218.25	234.62	240.81	249.13	262.03	275.05	284.56	286.64	283.38	279.78	275.02	
G 41.0	115.93	172.76	220.11	236.95	245.44	255.94	272.37	285.66	295.41	298.04	294.10	290.22	284.28	
G 42.0	116.96	174.38	222.30	240.63	251.41	264.84	282.15	297.53	307.64	310.19	306.43	300.98	295.10	
G 43.0	118.04	176.88	225.66	244.76	258.69	274.82	294.66	311.09	320.54	323.00	319.72	312.93	306.02	
G 44.0	119.50	180.12	229.31	250.98	266.36	286.51	309.08	324.40	335.96	337.42	332.31	324.87	318.40	
G 45.0	121.32	183.17	234.09	257.45	276.92	298.00	322.45	341.49	351.73	351.91	347.07	339.92	331.25	
G 46.0	123.56	187.81	239.70	265.75	287.57	312.38	337.52	355.11	368.39	369.27	363.09	353.68	344.30	
G 47.0	125.77	192.43	246.63	275.06	301.48	327.13	353.04	371.44	383.39	385.61	379.00	368.61	360.06	
G 48.0	128.46	197.75	253.32	285.27	314.33	342.04	369.17	388.07	400.75	402.77	395.27	383.14	374.29	
G 49.0	131.57	203.94	262.08	295.94	327.86	357.57	385.58	404.02	417.37	420.86	411.06	398.46	390.73	
G 50.0	134.90	209.99	270.83	309.08	342.22	373.09	402.40	421.19	435.38	437.57	427.13	413.53	404.53	
G 51.0	138.21	216.64	280.35	322.10	355.13	387.99	418.47	436.73	451.07	454.90	443.63	427.39	419.05	
G 52.0	141.84	223.50	290.90	335.12	369.74	403.64	433.74	451.92	467.68	471.04	459.26	443.04	434.25	
G 53.0	145.01	231.03	301.26	346.90	382.58	417.61	448.31	467.60	482.72	487.16	473.70	456.85	448.36	
G 54.0	148.70	238.82	313.33	358.74	395.88	431.18	464.12	482.22	499.29	501.02	487.48	470.02	462.67	
G 55.0	152.05	246.88	323.02	369.45	406.62	444.02	477.85	497.61	513.55	515.48	499.21	482.24	476.20	
G 56.0	155.74	249.79	329.71	379.54	416.72	455.06	489.98	509.65	525.25	526.83	509.62	493.61	489.36	
G 57.0	159.20	252.77	332.10	382.01	426.53	466.56	502.01	522.99	535.56	537.69	518.78	503.49	503.77	
G 58.0	163.02	255.87	332.80	381.60	429.91	475.20	512.44	532.90	543.60	545.61	526.54	513.39	514.65	
G 59.0	167.94	264.25	337.52	381.33	429.49	480.11	523.29	541.39	548.15	552.34	532.89	520.25	527.38	
G 60.0	172.62	271.30	341.27	384.09	430.61	478.88	528.24	545.47	549.65	556.58	536.69	523.99	535.93	
G 61.0	177.50	275.65	342.73	387.07	435.25	476.69	526.02	547.15	548.88	557.60	537.51	526.60	543.19	
G 62.0	182.72	277.65	340.82	388.16	436.89	478.97	520.17	540.11	544.56	557.34	536.43	526.44	547.93	
G 63.0	187.46	278.50	338.29	387.37	437.60	477.16	516.33	525.75	537.68	554.91	533.14	523.99	549.97	
G 64.0	190.41	275.99	333.19	384.87	434.45	473.22	512.67	511.11	523.97	549.27	527.52	518.10	548.58	
G 65.0	191.99	271.13	325.70	380.11	427.34	466.09	504.38	500.54	504.47	540.14	519.78	508.42	542.65	
G 66.0	191.65	265.18	315.14	371.69	417.83	457.39	491.31	485.71	490.11	525.80	510.21	498.58	534.20	
G 67.0	189.60	258.08	306.63	361.74	405.70	446.18	475.40	465.99	475.94	507.48	496.87	484.58	520.77	
G 68.0	184.82	250.38	293.48	348.45	391.27	4								



Apparecchio				Rilievo				Lampada						
Codice	ECOEVO 2 0F2H1 S05 4.5-2M			Codice	AEC18621			Codice	L- EE2-0F2H1-4000-525-2M-70-25					
Nome	ECOEVO 2 0F2H1 S05 4.5-2M			Nome	ECOEVO 2 0F2H1 S05 4.5-2M			Numero	1					
Archivio	Eulumdat			Data	15-12-2016			Posizione						
Flusso Apparecchio	3220.00 lm		Potenza Apparecchio		31.00 W		Efficacia		103.87 lm/W		Rendimento		100.00%	
Flusso Lampade	3220.00 lm		Valore Massimo		557.60 cd/klm		Posizione		C=45.00 G=61.00		CG		Asimmetrico	
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	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	
G 1.0	142.52	142.90	143.65	145.60	144.60	144.52	144.60	145.60	143.65	142.90	142.52	143.54	141.59	
G 2.0	155.94	158.82	159.04	160.44	160.67	161.27	160.67	160.44	159.04	158.82	155.94	155.86	153.93	
G 3.0	174.33	174.93	177.37	181.69	181.25	181.07	181.25	181.69	177.37	174.93	174.33	172.40	168.57	
G 4.0	186.54	187.90	189.53	192.30	191.25	193.87	191.25	192.30	189.53	187.90	186.54	186.36	182.37	
G 5.0	198.48	201.72	205.31	209.54	211.74	212.18	211.74	209.54	205.31	201.72	198.48	195.91	190.91	
G 6.0	214.52	219.59	223.40	229.06	229.16	230.46	229.16	229.06	223.40	219.59	214.52	212.12	204.76	
G 7.0	228.92	234.87	238.21	244.10	243.90	245.26	243.90	244.10	238.21	234.87	228.92	226.22	218.31	
G 8.0	238.83	243.39	247.82	253.99	254.38	255.54	254.38	253.99	247.82	243.39	238.83	236.73	231.62	
G 9.0	245.88	251.15	254.58	261.01	261.24	264.09	261.24	261.01	254.58	251.15	245.88	246.70	242.89	
G 10.0	250.35	252.29	254.98	260.65	260.58	262.96	260.58	260.65	254.98	252.29	250.35	254.76	254.88	
G 11.0	251.72	249.42	251.00	257.37	256.77	259.65	256.77	257.37	251.00	249.42	251.72	259.78	262.98	
G 12.0	250.72	246.85	247.08	253.22	252.98	255.43	252.98	253.22	247.08	246.85	250.72	262.12	263.30	
G 13.0	249.99	244.95	243.26	249.64	249.12	250.72	249.12	249.64	243.26	244.95	249.99	261.18	260.53	
G 14.0	251.21	243.12	239.86	245.45	245.44	247.29	245.44	245.45	239.86	243.12	251.21	258.16	257.80	
G 15.0	249.78	241.99	236.76	241.75	242.45	244.07	242.45	241.75	236.76	241.99	249.78	254.73	254.10	
G 16.0	246.47	241.37	234.07	238.19	239.37	241.33	239.37	238.19	234.07	241.37	246.47	251.18	250.66	
G 17.0	242.34	240.15	232.48	234.84	236.45	237.85	236.45	234.84	232.48	240.15	242.34	247.90	247.86	
G 18.0	239.44	237.92	230.63	232.04	233.57	234.54	233.57	232.04	230.63	237.92	239.44	244.37	244.11	
G 19.0	236.42	235.69	229.17	229.16	231.04	232.54	231.04	229.16	229.17	235.69	236.42	241.45	240.75	
G 20.0	233.95	233.30	228.43	226.30	228.49	230.36	228.49	226.30	228.43	233.30	233.95	238.26	237.75	
G 21.0	230.94	230.59	227.08	224.14	226.09	227.70	226.09	224.14	227.08	230.59	230.94	235.17	234.82	
G 22.0	228.64	228.33	225.84	222.20	224.07	225.59	224.07	222.20	225.84	228.33	228.64	232.80	232.00	
G 23.0	226.17	225.29	224.10	220.48	222.03	223.90	222.03	220.48	224.10	225.29	226.17	230.39	229.76	
G 24.0	224.50	224.20	222.76	219.29	220.50	222.11	220.50	219.29	222.76	224.20	224.50	228.17	227.56	
G 25.0	222.84	222.67	221.51	218.31	219.46	220.96	219.46	218.31	221.51	222.67	222.84	226.77	225.99	
G 26.0	222.21	221.77	220.41	217.91	218.40	219.83	218.40	217.91	220.41	221.77	222.21	225.75	224.55	
G 27.0	221.58	221.40	220.06	217.79	217.55	218.75	217.55	217.79	220.06	221.40	221.58	225.15	224.36	
G 28.0	222.10	221.33	219.30	217.62	216.49	217.86	216.49	217.62	219.30	221.33	222.10	225.43	224.44	
G 29.0	222.13	221.29	219.17	217.58	215.26	216.36	215.26	217.58	219.17	221.29	222.13	226.17	225.65	
G 30.0	223.25	221.46	218.54	217.52	213.83	215.46	213.83	217.52	218.54	221.46	223.25	227.51	227.13	
G 31.0	224.24	221.89	218.55	217.39	212.76	213.68	212.76	217.39	218.55	221.89	224.24	229.46	229.45	
G 32.0	225.36	222.64	218.37	216.79	211.19	213.78	211.19	216.79	218.37	222.64	225.36	231.99	232.40	
G 33.0	226.92	223.48	218.85	216.82	209.52	212.18	209.52	216.82	218.85	223.48	226.92	234.54	235.67	
G 34.0	229.39	225.00	219.17	216.29	208.03	210.77	208.03	216.29	219.17	225.00	229.39	238.02	239.59	
G 35.0	232.36	226.78	220.12	216.31	206.44	210.54	206.44	216.31	220.12	226.78	232.36	241.46	244.50	
G 36.0	235.32	229.53	221.28	216.86	205.05	209.24	205.05	216.86	221.28	229.53	235.32	246.50	249.27	
G 37.0	239.75	232.54	223.15	216.98	204.01	209.27	204.01	216.98	223.15	232.54	239.75	252.28	255.72	
G 38.0	245.07	236.02	225.41	217.83	202.87	208.64	202.87	217.83	225.41	236.02	245.07	258.84	262.44	
G 39.0	250.81	239.95	227.97	219.10	202.41	208.27	202.41	219.10	227.97	239.95	250.81	266.86	270.77	
G 40.0	258.01	245.74	231.14	220.78	202.14	208.17	202.14	220.78	231.14	245.74	258.01	275.02	279.78	
G 41.0	265.83	251.57	235.20	223.13	202.56	209.51	202.56	223.13	235.20	251.57	265.83	284.28	290.22	
G 42.0	275.26	258.26	240.36	225.98	203.45	210.32	203.45	225.98	240.36	258.26	275.26	295.10	300.98	
G 43.0	285.24	267.04	246.86	230.18	204.91	212.60	204.91	230.18	246.86	267.04	285.24	306.02	312.93	
G 44.0	296.06	276.00	252.64	234.68	207.39	214.24	207.39	234.68	252.64	276.00	296.06	318.40	324.87	
G 45.0	309.01	286.50	261.23	240.47	210.72	218.55	210.72	240.47	261.23	286.50	309.01	331.25	339.92	
G 46.0	322.65	296.85	270.82	247.98	215.96	222.83	215.96	247.98	270.82	296.85	322.65	344.30	353.68	
G 47.0	335.70	310.09	281.14	255.89	221.74	228.82	221.74	255.89	281.14	310.09	335.70	360.06	368.61	
G 48.0	350.81	324.36	292.91	265.55	230.00	235.95	230.00	265.55	292.91	324.36	350.81	374.29	383.14	
G 49.0	366.28	339.56	306.07	277.32	239.32	244.04	239.32	277.32	306.07	339.56	366.28	390.73	398.46	
G 50.0	383.44	355.32	321.83	290.78	251.15	255.30	251.15	290.78	321.83	355.32	383.44	404.53	413.53	
G 51.0	398.32	371.99	338.74	305.27	264.62	267.67	264.62	305.27	338.74	371.99	398.32	419.05	427.39	
G 52.0	414.44	388.99	354.94	321.81	278.85	281.80	278.85	321.81	354.94	388.99	414.44	434.25	443.04	
G 53.0	430.04	408.15	374.20	341.40	297.00	296.58	297.00	341.40	374.20	408.15	430.04	448.36	456.85	
G 54.0	443.99	425.20	394.48	360.08	314.18	315.27	314.18	360.08	394.48	425.20	443.99	462.67	470.02	
G 55.0	460.19	441.86	412.84	381.32	336.17	332.68	336.17	381.32	412.84	441.86	460.19	476.20	482.24	
G 56.0	474.00	456.68	432.76	401.54	356.30	351.05	356.30	401.54	432.76	456.68	474.00	489.36	493.61	
G 57.0	487.96	473.47	452.08	422.85	376.71	372.37	376.71	422.85	452.08	473.47	487.96	503.77	503.49	
G 58.0	501.04	486.64	470.11	442.48	397.01	391.07	397.01	442.48	470.11	486.64	501.04	514.65	513.39	
G 59.0	512.68	498.79	487.40	461.34	414.88	409.96	414.88	461.34	487.40	498.79	512.68	527.38	520.25	
G 60.0	523.00	509.34	502.10	478.35	430.61	426.35	430.							



Apparecchio			Rilievo			Lampada							
Codice	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621		Codice	L- EE2-0F2H1-4000-525-2M-70-25						
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Numero	1						
Archivio	Eulumdat		Data	15-12-2016		Posizione							
Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%						
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico						
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	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61
G 1.0	140.12	140.22	139.26	137.61	137.63	136.32	134.70	133.72	132.96	131.73	129.85	128.98	128.12
G 2.0	151.09	149.71	147.71	145.04	143.32	141.11	138.70	136.89	134.55	132.26	129.17	127.03	125.50
G 3.0	164.39	161.99	158.04	153.33	149.82	145.97	141.83	139.04	135.78	132.41	127.83	124.74	121.95
G 4.0	177.92	175.01	169.12	163.86	158.17	151.57	145.54	141.20	136.46	132.09	126.72	123.01	118.64
G 5.0	185.97	182.89	178.79	173.07	168.02	159.88	151.86	144.99	138.74	132.95	127.38	121.76	116.58
G 6.0	196.64	192.18	185.54	180.32	176.90	169.33	160.45	151.07	142.11	134.69	128.46	121.05	115.06
G 7.0	212.83	205.41	199.29	191.52	185.35	179.17	169.73	158.07	145.88	136.71	128.65	120.27	114.38
G 8.0	227.03	221.67	215.29	204.10	194.74	186.31	176.42	163.88	149.54	138.05	129.01	119.77	114.86
G 9.0	241.56	236.91	229.98	217.14	204.22	192.36	181.16	169.25	153.40	139.64	129.31	119.26	115.50
G 10.0	253.23	248.11	241.29	227.93	214.56	198.50	185.50	174.28	157.05	141.17	129.74	118.45	116.33
G 11.0	261.19	256.25	249.05	238.18	224.67	206.87	189.76	177.91	161.31	143.06	129.96	117.73	116.89
G 12.0	263.13	261.12	255.74	244.74	233.73	215.36	195.27	181.04	164.76	144.61	130.06	116.73	117.37
G 13.0	261.28	261.80	259.84	250.60	240.24	223.32	201.37	184.24	168.12	146.19	130.09	115.80	117.56
G 14.0	258.41	259.56	260.32	255.33	246.31	230.46	208.49	187.38	170.81	147.49	129.43	114.60	117.39
G 15.0	255.28	256.58	258.73	257.52	250.99	236.10	214.66	190.86	173.48	148.47	128.33	113.41	117.29
G 16.0	251.98	253.82	255.80	256.64	254.26	241.05	221.28	194.88	174.34	148.99	127.35	112.58	117.19
G 17.0	248.19	250.15	253.23	253.77	255.41	245.26	226.85	199.29	175.49	149.52	126.17	111.63	116.79
G 18.0	245.25	246.93	249.82	251.24	254.45	248.47	231.14	203.84	177.91	150.18	125.05	110.69	116.67
G 19.0	241.93	243.87	246.97	248.48	252.44	250.15	234.86	208.67	180.00	150.87	124.03	110.10	116.23
G 20.0	238.48	240.72	244.07	245.15	250.09	250.41	238.00	213.16	182.63	151.87	123.14	109.34	115.95
G 21.0	235.41	237.86	240.97	242.89	247.81	249.71	240.96	217.47	184.36	153.36	122.37	108.84	115.62
G 22.0	232.88	235.24	238.62	240.37	244.97	247.78	243.18	220.75	185.94	154.51	121.59	108.39	115.50
G 23.0	230.18	232.43	235.66	238.00	242.57	245.64	244.16	223.78	187.94	156.14	121.08	108.03	115.16
G 24.0	228.13	230.37	233.91	235.17	240.55	243.53	244.54	226.48	190.79	157.21	120.70	107.59	114.95
G 25.0	226.53	228.59	231.78	233.52	238.63	241.38	244.08	228.90	193.70	158.62	120.36	107.10	114.54
G 26.0	225.45	227.20	230.00	231.31	236.15	239.38	243.10	231.01	196.59	159.80	120.00	106.83	114.43
G 27.0	224.98	226.62	229.30	230.68	234.61	237.66	241.53	232.76	199.60	160.77	119.52	106.67	114.48
G 28.0	224.95	226.69	229.14	229.73	233.54	236.12	239.50	234.41	201.26	161.21	119.09	106.56	114.32
G 29.0	226.25	227.34	229.53	229.16	232.67	234.86	238.04	235.18	203.69	161.70	118.66	106.41	114.17
G 30.0	227.82	228.96	230.35	229.57	232.06	233.38	236.42	235.40	206.12	162.41	118.32	106.34	114.13
G 31.0	230.06	230.87	231.57	230.46	231.43	232.55	234.92	235.37	208.02	163.12	117.77	106.26	114.21
G 32.0	232.70	233.46	233.50	230.99	231.60	231.87	233.89	234.99	209.22	163.86	117.19	105.65	113.95
G 33.0	236.11	236.27	236.29	233.08	232.46	231.51	232.90	234.51	210.43	164.64	116.59	105.72	113.70
G 34.0	240.56	240.19	239.94	235.45	233.95	231.90	232.20	233.81	211.58	165.41	116.21	105.32	113.57
G 35.0	244.73	245.25	244.53	239.81	235.99	232.32	231.87	233.38	212.54	166.76	115.83	105.50	113.77
G 36.0	250.24	250.99	249.98	244.42	238.85	233.92	232.21	232.76	213.96	167.29	115.36	105.48	113.38
G 37.0	256.95	257.87	257.18	250.06	243.34	236.34	232.90	232.67	214.24	168.32	115.06	105.56	113.74
G 38.0	264.30	265.95	265.48	256.74	248.10	239.34	234.46	232.62	215.25	169.08	115.00	105.54	113.85
G 39.0	272.95	275.13	274.27	264.94	254.60	243.82	237.10	233.37	216.59	169.99	115.06	105.79	113.75
G 40.0	283.38	286.64	284.56	275.05	262.03	249.13	240.81	234.62	218.25	171.25	115.36	106.11	113.94
G 41.0	294.10	298.04	295.41	285.66	272.37	255.94	245.44	236.95	220.11	172.76	115.93	106.54	114.03
G 42.0	306.43	310.19	307.64	297.53	282.15	264.84	251.41	240.63	222.30	174.38	116.96	106.85	113.90
G 43.0	319.72	323.00	320.54	311.09	294.66	274.82	258.69	244.76	225.66	176.88	118.04	107.58	113.73
G 44.0	332.31	337.42	335.96	324.40	309.08	286.51	266.36	250.98	229.31	180.12	119.50	108.17	113.65
G 45.0	347.07	351.91	351.73	341.49	322.45	298.00	276.92	257.45	234.09	183.17	121.32	108.72	113.21
G 46.0	363.09	369.27	368.39	355.11	337.52	312.38	287.57	265.75	239.70	187.81	123.56	109.31	112.40
G 47.0	379.00	385.61	383.39	371.44	353.04	327.13	301.48	275.06	246.63	192.43	125.77	109.93	111.65
G 48.0	395.27	402.77	400.75	388.07	369.17	342.04	314.33	285.27	253.32	197.75	128.46	110.70	110.51
G 49.0	411.06	420.86	417.37	404.02	385.58	357.57	327.86	295.94	262.08	203.94	131.57	111.26	109.42
G 50.0	427.13	437.57	435.38	421.19	402.40	373.09	342.22	309.08	270.83	209.99	134.90	111.96	107.93
G 51.0	443.63	454.90	451.07	436.73	418.47	387.99	355.13	322.10	280.35	216.64	138.21	112.25	106.38
G 52.0	459.26	471.04	467.68	451.92	433.74	403.64	369.74	335.12	290.90	223.50	141.84	112.53	104.53
G 53.0	473.70	487.16	482.72	467.60	448.31	417.61	382.58	346.90	301.26	231.03	145.01	112.49	102.87
G 54.0	487.48	501.02	499.29	482.22	464.12	431.18	395.88	358.74	313.33	238.82	148.70	112.40	100.87
G 55.0	499.21	515.48	513.55	497.61	477.85	444.02	406.62	369.45	323.02	246.88	152.05	112.02	98.72
G 56.0	509.62	526.83	525.25	509.65	489.98	455.06	416.72	379.54	329.71	249.79	155.74	111.64	96.56
G 57.0	518.78	537.69	535.56	522.99	502.01	466.56	426.53	382.01	332.10	252.77	159.20	111.18	94.10
G 58.0	526.54	545.61	543.60	532.90	512.44	475.20	429.91	381.60	332.80	255.87	163.02	110.58	91.93
G 59.0	532.89	552.34	548.15	541.39	523.29	480.11	429.49	381.33	337.52	264.25	167.94	110.75	89.41
G 60.0	536.69	556.58	549.65	545.47	528.24	478.88	430.61	384.09	341.27	271.30	172.62	111.21	86.86
G 61.0	537.51	557.60	548.88	547.15	5								



Apparecchio		Rilievo		Lampada	
Codice	ECOEVO 2 0F2H1 S05 4.5-2M	Codice	AEC18621	Codice	L- EE2-0F2H1-4000-525-2M-70-25
Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1
Archivio	Eulumat	Data	15-12-2016	Posizione	

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

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	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61	130.61
G 1.0	126.97	125.40	124.86	124.08	122.92	122.82	122.17	121.71	122.31	123.24	121.73	121.83	122.28
G 2.0	123.30	120.94	120.16	119.42	119.35	120.28	120.85	121.19	122.41	123.98	122.98	123.44	123.99
G 3.0	119.11	117.16	117.71	118.91	119.56	121.04	122.05	122.63	124.49	126.44	125.75	126.41	127.26
G 4.0	115.74	115.42	117.56	119.36	120.53	122.03	123.14	124.00	126.13	128.00	127.93	128.66	129.88
G 5.0	114.64	115.90	118.43	120.46	121.48	123.79	124.96	125.77	127.98	130.23	129.99	131.06	132.06
G 6.0	115.12	116.85	119.48	121.91	123.69	125.91	126.96	128.03	129.95	132.32	132.34	133.17	134.20
G 7.0	116.11	118.00	121.03	123.65	125.84	127.83	129.24	129.93	131.93	134.07	133.81	134.89	135.96
G 8.0	116.98	119.38	122.68	125.30	127.64	129.99	131.10	131.89	133.52	135.24	134.59	135.90	137.39
G 9.0	118.11	120.97	124.42	127.05	129.21	131.86	133.05	133.20	134.46	135.94	135.23	136.49	138.04
G 10.0	119.17	122.21	125.73	128.68	131.04	133.64	134.53	134.35	135.22	136.36	135.42	136.39	137.92
G 11.0	119.91	123.06	126.80	129.82	132.14	135.13	135.62	135.24	135.86	136.66	135.24	136.03	137.41
G 12.0	120.43	123.38	127.41	130.54	132.93	135.93	136.58	135.92	136.37	136.85	134.95	135.53	136.62
G 13.0	120.75	123.56	127.60	131.02	133.62	136.53	137.18	136.35	136.59	136.81	134.80	135.30	135.71
G 14.0	121.07	123.84	127.81	131.28	133.68	136.98	137.51	136.53	136.63	136.57	134.59	134.75	134.81
G 15.0	121.33	124.08	127.96	131.45	133.79	137.03	137.62	136.51	136.48	136.05	133.61	133.88	133.82
G 16.0	121.51	124.26	128.11	131.63	134.05	136.77	137.40	136.16	135.90	135.34	132.94	132.90	132.40
G 17.0	121.55	124.55	128.20	131.53	133.91	136.67	137.09	135.55	135.01	134.47	131.75	131.52	131.00
G 18.0	121.54	124.76	128.26	131.46	133.82	136.20	136.64	134.77	133.98	133.34	130.69	130.04	129.22
G 19.0	121.35	124.98	128.25	131.22	133.35	135.58	135.96	133.78	132.80	131.71	129.16	128.11	127.22
G 20.0	121.35	125.07	128.26	130.92	132.85	135.04	135.26	132.62	131.31	129.99	127.46	125.88	125.02
G 21.0	121.36	125.24	128.21	130.81	132.28	134.36	134.31	131.49	129.67	128.22	125.43	123.93	122.44
G 22.0	121.21	125.26	128.14	130.47	131.80	133.44	133.21	130.11	127.86	126.20	123.33	121.55	119.81
G 23.0	121.05	125.12	128.22	130.22	131.35	132.48	131.73	128.29	125.87	123.92	120.94	118.82	117.04
G 24.0	121.08	125.24	128.10	129.78	130.57	131.41	130.40	126.55	124.06	121.78	118.34	116.38	114.12
G 25.0	120.93	125.22	128.04	129.41	129.85	130.12	128.84	124.70	122.03	119.19	115.53	113.33	111.05
G 26.0	120.88	125.16	127.89	128.93	129.00	128.90	127.16	122.78	119.45	116.48	112.93	110.28	108.23
G 27.0	120.81	124.98	127.77	128.26	128.07	127.44	125.28	120.67	117.03	113.89	110.00	107.08	104.91
G 28.0	120.87	124.94	127.52	127.72	127.00	125.91	123.59	118.55	114.45	111.00	107.02	104.14	101.64
G 29.0	120.77	124.87	127.27	127.01	125.82	124.35	121.60	116.10	111.63	107.94	104.10	101.10	98.24
G 30.0	120.75	124.63	126.95	126.37	124.62	122.79	119.64	113.55	108.45	105.30	100.14	97.49	95.05
G 31.0	120.63	124.57	126.46	125.50	123.44	121.06	117.48	110.87	105.38	101.90	97.03	93.87	91.88
G 32.0	120.34	124.23	125.85	124.60	121.85	118.90	115.09	107.80	102.50	98.89	93.57	90.63	88.78
G 33.0	120.31	123.92	125.30	123.62	120.21	117.03	112.25	105.19	99.81	96.39	90.58	87.97	85.99
G 34.0	120.13	123.62	124.67	122.56	118.72	115.15	109.49	102.95	96.72	93.73	88.40	85.53	83.55
G 35.0	120.02	123.10	123.96	121.35	116.98	112.63	107.24	99.99	93.85	90.89	85.87	82.94	81.03
G 36.0	119.90	122.64	123.12	119.96	115.37	110.74	104.21	96.81	91.64	88.00	83.61	80.68	78.92
G 37.0	119.71	122.11	122.06	118.42	113.50	108.42	101.18	94.16	89.22	85.30	80.92	78.10	76.57
G 38.0	119.52	121.55	120.88	117.00	110.96	105.99	98.37	92.63	87.29	83.15	78.89	76.10	74.21
G 39.0	119.31	120.95	119.73	115.33	108.62	103.48	95.83	90.51	85.27	81.34	77.21	74.13	71.87
G 40.0	119.14	120.23	118.50	113.66	106.25	100.96	94.17	87.83	83.74	79.25	75.42	71.99	69.82
G 41.0	118.72	119.53	117.06	111.76	104.15	98.40	91.81	85.60	81.87	77.49	73.08	70.26	67.93
G 42.0	118.23	118.38	115.54	109.62	101.89	95.47	90.06	83.95	80.03	75.72	71.30	68.43	65.99
G 43.0	117.49	117.13	113.92	107.19	99.97	93.44	88.68	82.44	78.25	74.06	69.68	66.55	64.12
G 44.0	116.24	115.54	112.03	104.96	97.99	92.17	87.12	80.49	76.32	72.66	68.06	64.83	62.19
G 45.0	115.01	113.53	110.06	103.31	96.13	90.34	84.83	79.03	74.97	71.09	66.39	63.14	60.32
G 46.0	113.50	111.15	107.36	101.20	93.95	88.46	83.01	77.63	73.54	69.58	64.66	61.50	58.56
G 47.0	111.37	108.23	104.35	98.46	92.10	87.16	81.65	76.33	72.20	68.12	62.98	59.78	57.00
G 48.0	109.32	105.17	101.37	95.95	90.52	85.27	80.21	75.29	70.86	66.60	61.70	58.28	55.27
G 49.0	106.67	101.99	98.38	93.61	88.28	83.30	78.75	74.02	69.63	65.25	60.20	56.69	53.71
G 50.0	103.79	98.14	94.54	91.01	85.97	81.83	77.53	72.69	68.35	63.79	58.73	55.09	52.19
G 51.0	100.38	95.02	91.37	88.31	84.05	80.35	76.36	71.58	67.02	62.60	57.27	53.73	50.73
G 52.0	96.90	90.74	87.40	85.06	82.08	79.02	75.09	70.40	65.74	61.22	56.14	52.25	49.21
G 53.0	93.22	86.91	84.09	82.15	79.82	77.55	73.82	69.21	64.59	60.03	54.72	50.72	47.57
G 54.0	89.27	83.09	80.49	79.68	77.60	75.91	72.54	68.00	63.41	58.82	53.26	49.27	46.11
G 55.0	85.31	79.06	77.38	77.09	75.43	74.19	71.22	66.79	62.20	57.53	51.95	47.89	44.79
G 56.0	81.45	75.52	74.54	74.77	73.60	72.61	69.81	65.53	61.05	56.23	50.73	46.66	43.35
G 57.0	77.39	71.95	71.75	72.35	71.84	70.74	68.31	64.38	59.60	54.81	49.40	45.26	41.95
G 58.0	73.45	68.81	69.19	70.38	69.93	69.19	66.84	63.04	58.38	53.61	47.85	43.77	40.41
G 59.0	69.40	65.42	66.45	68.09	67.76	67.44	65.29	61.62	57.01	52.09	46.33	42.15	38.70
G 60.0	65.95	62.50	64.29	65.90	65.69	65.58	63.66	60.08	55.42	50.53	44.70	40.53	36.98
G 61.0	62.75	59.57	61.79	63.70	63.63	63.72	61.70	58.30	53.92	48.88	42.82	38.61	35.16
G 62.0	59.47	57.26	59.54	61.63	61.68	61.75	59.66	56.53	52.33	46.87	41.00	36.45	33.09
G 63.0	56.67	55.06	57.48	59.46	59.85	59.77	57.47	54.28	50.00	44.87	38.51	34.36	31.06
G 64.0	53.85	52.93	55.29	57.47	57.63	57.56	55.27	52.00	47.44	42.08	36.05	31.87	28.69
G 65.0	51.21	50.94	53.27	55.16	55.56	55.08	52.73	49.35	44.35	39.08	33.47	29.45	26.56
G 66.0	48.67	48.61	50.90	52.81	53.16	52.30	49.80	46.37	41.16	36.15	30.54	27.17	24.48
G 67.0	45.93	46.22	48.44	50.40	50.32	49.43	46.97	42.73	37.40	33.04	28.10	24.76	22.25
G 68.0	43.10	43.98	45.79	48.01	47.46	46.36	43.31	39.02	33.91	30.17	25.32	22.40	20.18
G 69.0	40.26	41.25	43.23	45.05	44.06	42.99	39.14	35.23	30.73	26.88	22.62	20.11	18.22
G 70.0	37.17	38.34	40.24	41.84	40.98	39.84	35.00	31.52	27.15	23.84	20.09	18.11	16.53
G 71.0	34.21	35.59	37.04	38.63	37.29	34.89	31.05	27.85	24.15	21.09	18.02	16.16	14.77
G 72.0	30.92	32.72	33.86	35.04	33.27	30.51	26.94	24.05	21.05	18.57	15.73	14.28	12.94



Apparecchio				Rilievo				Lampada																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Codice	ECOEVO 2 0F2H1 S05 4.5-2M			Codice	AEC18621			Codice	L- EE2-0F2H1-4000-525-2M-70-25																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Nome	ECOEVO 2 0F2H1 S05 4.5-2M			Nome	ECOEVO 2 0F2H1 S05 4.5-2M			Numero	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Archivio	Eulumdat			Data	15-12-2016			Posizione																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Flusso Apparecchio	3220.00 lm			Potenza Apparecchio	31.00 W			Efficacia	103.87 lm/W			Rendimento	100.00%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
Flusso Lampade	3220.00 lm			Valore Massimo	557.60 cd/klm			Posizione	C=45.00 G=61.00			CG	Asimmetrico																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		



Apparecchio		Rilievo		Lampada	
Codice	ECOEVO 2 0F2H1 S05 4.5-2M	Codice	AEC18621	Codice	L- EE2-0F2H1-4000-525-2M-70-25
Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1
Archivio	Eulumdat	Data	15-12-2016	Posizione	

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

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	130.61	130.61	130.61	130.61	130.61	130.61	130.61
G 1.0	122.92	124.08	124.86	125.40	126.97	128.12	128.98
G 2.0	119.35	119.42	120.16	120.94	123.30	125.50	127.03
G 3.0	119.56	118.91	117.71	117.16	119.11	121.95	124.74
G 4.0	120.53	119.36	117.56	115.42	115.74	118.64	123.01
G 5.0	121.48	120.46	118.43	115.90	114.64	116.58	121.76
G 6.0	123.69	121.91	119.48	116.85	115.12	115.06	121.05
G 7.0	125.84	123.65	121.03	118.00	116.11	114.38	120.27
G 8.0	127.64	125.30	122.68	119.38	116.98	114.86	119.77
G 9.0	129.21	127.05	124.42	120.97	118.11	115.50	119.26
G 10.0	131.04	128.68	125.73	122.21	119.17	116.33	118.45
G 11.0	132.14	129.82	126.80	123.06	119.91	116.89	117.73
G 12.0	132.93	130.54	127.41	123.38	120.43	117.37	116.73
G 13.0	133.62	131.02	127.60	123.56	120.75	117.56	115.80
G 14.0	133.68	131.28	127.81	123.84	121.07	117.39	114.60
G 15.0	133.79	131.45	127.96	124.08	121.33	117.29	113.41
G 16.0	134.05	131.63	128.11	124.26	121.51	117.19	112.58
G 17.0	133.91	131.53	128.20	124.55	121.55	116.79	111.63
G 18.0	133.82	131.46	128.26	124.76	121.54	116.67	110.69
G 19.0	133.35	131.22	128.25	124.98	121.35	116.23	110.10
G 20.0	132.85	130.92	128.26	125.07	121.35	115.95	109.34
G 21.0	132.28	130.81	128.21	125.24	121.36	115.62	108.84
G 22.0	131.80	130.47	128.14	125.26	121.21	115.50	108.39
G 23.0	131.35	130.22	128.22	125.12	121.05	115.16	108.03
G 24.0	130.57	129.78	128.10	125.24	121.08	114.95	107.59
G 25.0	129.85	129.41	128.04	125.22	120.93	114.54	107.10
G 26.0	129.00	128.93	127.89	125.16	120.88	114.43	106.83
G 27.0	128.07	128.26	127.77	124.98	120.81	114.48	106.67
G 28.0	127.00	127.72	127.52	124.94	120.87	114.32	106.56
G 29.0	125.82	127.01	127.27	124.87	120.77	114.17	106.41
G 30.0	124.62	126.37	126.95	124.63	120.75	114.13	106.34
G 31.0	123.44	125.50	126.46	124.57	120.63	114.21	106.26
G 32.0	121.85	124.60	125.85	124.23	120.34	113.95	105.65
G 33.0	120.21	123.62	125.30	123.92	120.31	113.70	105.72
G 34.0	118.72	122.56	124.67	123.62	120.13	113.57	105.32
G 35.0	116.98	121.35	123.96	123.10	120.02	113.77	105.50
G 36.0	115.37	119.96	123.12	122.64	119.90	113.38	105.48
G 37.0	113.50	118.42	122.06	122.11	119.71	113.74	105.56
G 38.0	110.96	117.00	120.88	121.55	119.52	113.85	105.54
G 39.0	108.62	115.33	119.73	120.95	119.31	113.75	105.79
G 40.0	106.25	113.66	118.50	120.23	119.14	113.94	106.11
G 41.0	104.15	111.76	117.06	119.53	118.72	114.03	106.54
G 42.0	101.89	109.62	115.54	118.38	118.23	113.90	106.85
G 43.0	99.97	107.19	113.92	117.13	117.49	113.73	107.58
G 44.0	97.99	104.96	112.03	115.54	116.24	113.65	108.17
G 45.0	96.13	103.31	110.06	113.53	115.01	113.21	108.72
G 46.0	93.95	101.20	107.36	111.15	113.50	112.40	109.31
G 47.0	92.10	98.46	104.35	108.23	111.37	111.65	109.93
G 48.0	90.52	95.95	101.37	105.17	109.32	110.51	110.70
G 49.0	88.28	93.61	98.38	101.99	106.67	109.42	111.26
G 50.0	85.97	91.01	94.54	98.14	103.79	107.93	111.96
G 51.0	84.05	88.31	91.37	95.02	100.38	106.38	112.25
G 52.0	82.08	85.06	87.40	90.74	96.90	104.53	112.53
G 53.0	79.82	82.15	84.09	86.91	93.22	102.87	112.49
G 54.0	77.60	79.68	80.49	83.09	89.27	100.87	112.40
G 55.0	75.43	77.09	77.38	79.06	85.31	98.72	112.02
G 56.0	73.60	74.77	74.54	75.52	81.45	96.56	111.64
G 57.0	71.84	72.35	71.75	71.95	77.39	94.10	111.18
G 58.0	69.93	70.38	69.19	68.81	73.45	91.93	110.58
G 59.0	67.76	68.09	66.45	65.42	69.40	89.41	110.75
G 60.0	65.69	65.90	64.29	62.50	65.95	86.86	111.21
G 61.0	63.63	63.70	61.79	59.57	62.75	84.47	111.76
G 62.0	61.68	61.63	59.54	57.26	59.47	82.29	113.68
G 63.0	59.85	59.46	57.48	55.06	56.67	79.68	115.54
G 64.0	57.63	57.47	55.29	52.93	53.85	77.39	117.72
G 65.0	55.56	55.16	53.27	50.94	51.21	74.62	119.47
G 66.0	53.16	52.81	50.90	48.61	48.67	71.83	120.48
G 67.0	50.32	50.40	48.44	46.22	45.93	68.67	120.29
G 68.0	47.46	48.01	45.79	43.98	43.10	65.48	118.88
G 69.0	44.06	45.05	43.23	41.25	40.26	61.67	115.89
G 70.0	40.98	41.84	40.24	38.34	37.17	57.12	110.91
G 71.0	37.29	38.63	37.04	35.59	34.21	52.02	105.34
G 72.0	33.27	35.04	33.86	32.72	30.92	47.09	97.71



Apparecchio			Rilievo			Lampada		
Codice	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621		Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Numero	1	
Archivio	Eulumdat		Data	15-12-2016		Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

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	132.27	165.73	186.17	248.73	290.74	334.48	338.17	339.43	369.31	374.25	335.82	312.83	316.18
G 74.0	115.77	146.11	169.08	220.08	257.14	302.69	309.18	315.21	336.65	339.39	309.50	283.20	279.03
G 75.0	99.15	125.82	151.68	201.03	231.80	269.64	269.71	292.54	302.83	311.13	282.25	249.88	236.28
G 76.0	83.90	107.68	131.32	178.49	207.56	238.38	234.03	259.42	271.97	281.02	245.71	213.28	191.33
G 77.0	63.30	88.29	114.29	155.89	184.09	206.70	205.05	225.95	243.62	245.60	199.13	163.99	138.72
G 78.0	44.71	68.53	92.82	132.03	157.93	177.43	176.03	197.35	212.15	203.41	148.05	117.14	90.89
G 79.0	31.07	49.10	71.07	105.88	124.50	144.79	145.50	169.86	167.95	146.68	100.01	77.84	58.59
G 80.0	21.84	35.95	51.25	81.14	93.76	106.55	106.25	134.89	118.43	96.01	64.48	48.70	36.29
G 81.0	16.11	26.68	38.39	58.27	65.69	70.63	71.02	90.03	70.38	58.25	37.09	30.12	22.02
G 82.0	11.91	20.24	29.27	42.04	45.32	44.11	42.98	51.92	39.13	31.04	20.79	17.58	13.53
G 83.0	8.93	15.25	21.45	30.47	31.41	28.08	25.13	29.48	20.40	15.62	11.43	10.36	8.45
G 84.0	6.30	11.78	15.60	21.50	20.68	18.06	14.53	15.18	9.92	8.20	6.63	6.34	5.41
G 85.0	3.33	7.91	10.09	13.15	12.75	10.02	7.47	7.59	5.29	5.27	4.50	4.20	3.86
G 86.0	0.84	4.03	5.02	6.61	6.07	5.38	3.71	3.70	3.27	3.45	3.03	2.92	2.66
G 87.0	0.05	1.10	1.32	1.83	1.79	1.81	1.34	1.54	1.44	1.66	1.41	1.44	1.19
G 88.0	0.03	0.06	0.11	0.09	0.14	0.23	0.26	0.30	0.36	0.36	0.30	0.29	0.27
G 89.0	0.02	0.03	0.03	0.04	0.03	0.03	0.04	0.04	0.05	0.05	0.05	0.05	0.05
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	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621	Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1	
Archivio	Eulumatd		Data	15-12-2016	Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

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	352.74	329.03	314.97	286.38	267.86	264.41	267.86	286.38	314.97	329.03	352.74	316.18	312.83
G 74.0	309.95	278.47	265.18	234.29	227.23	229.84	227.23	234.29	265.18	278.47	309.95	279.03	283.20
G 75.0	264.25	236.55	217.75	181.27	181.11	186.08	181.11	181.27	217.75	236.55	264.25	236.28	249.88
G 76.0	211.44	187.50	168.47	133.92	134.24	139.69	134.24	133.92	168.47	187.50	211.44	191.33	213.28
G 77.0	158.88	146.23	126.37	93.59	97.53	102.42	97.53	93.59	126.37	146.23	158.88	138.72	163.99
G 78.0	113.97	105.32	90.05	64.12	65.36	69.46	65.36	64.12	90.05	105.32	113.97	90.89	117.14
G 79.0	74.08	71.93	62.67	39.98	41.60	45.43	41.60	39.98	62.67	71.93	74.08	58.59	77.84
G 80.0	47.74	47.57	41.64	24.54	25.97	27.35	25.97	24.54	41.64	47.57	47.74	36.29	48.70
G 81.0	27.85	30.88	25.24	15.85	15.73	16.39	15.73	15.85	25.24	30.88	27.85	22.02	30.12
G 82.0	17.01	18.23	15.89	9.87	9.34	9.15	9.34	9.87	15.89	18.23	17.01	13.53	17.58
G 83.0	10.28	10.37	9.67	6.23	5.52	5.16	5.52	6.23	9.67	10.37	10.28	8.45	10.36
G 84.0	6.12	5.24	5.02	3.93	3.75	3.41	3.75	3.93	5.02	5.24	6.12	5.41	6.34
G 85.0	3.77	3.27	3.11	2.88	2.85	2.77	2.85	2.88	3.11	3.27	3.77	3.86	4.20
G 86.0	2.52	2.16	2.13	1.98	1.98	1.93	1.98	1.98	2.13	2.16	2.52	2.66	2.92
G 87.0	1.30	1.02	1.13	1.03	1.04	0.95	1.04	1.03	1.13	1.02	1.30	1.19	1.44
G 88.0	0.26	0.22	0.24	0.20	0.25	0.20	0.25	0.20	0.24	0.22	0.26	0.27	0.29
G 89.0	0.05	0.05	0.05	0.05	0.05	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05
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	ECOevo 2 0F2H1 S05 4.5-2M		Codice	AEC18621		Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOevo 2 0F2H1 S05 4.5-2M		Nome	ECOevo 2 0F2H1 S05 4.5-2M		Numero	1	
Archivio	Eulumatd		Data	15-12-2016		Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

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	335.82	374.25	369.31	339.43	338.17	334.48	290.74	248.73	186.17	165.73	132.27	89.04	41.58
G 74.0	309.50	339.39	336.65	315.21	309.18	302.69	257.14	220.08	169.08	146.11	115.77	78.82	35.81
G 75.0	282.25	311.13	302.83	292.54	269.71	269.64	231.80	201.03	151.68	125.82	99.15	69.07	30.08
G 76.0	245.71	281.02	271.97	259.42	234.03	238.38	207.56	178.49	131.32	107.68	83.90	56.40	24.33
G 77.0	199.13	245.60	243.62	225.95	205.05	206.70	184.09	155.89	114.29	88.29	63.30	41.50	18.91
G 78.0	148.05	203.41	212.15	197.35	176.03	177.43	157.93	132.03	92.82	68.53	44.71	29.26	14.92
G 79.0	100.01	146.68	167.95	169.86	145.50	144.79	124.50	105.88	71.07	49.10	31.07	20.22	11.64
G 80.0	64.48	96.01	118.43	134.89	106.25	106.55	93.76	81.14	51.25	35.95	21.84	13.92	9.40
G 81.0	37.09	58.25	70.38	90.03	71.02	70.63	65.69	58.27	38.39	26.68	16.11	10.13	7.40
G 82.0	20.79	31.04	39.13	51.92	42.98	44.11	45.32	42.04	29.27	20.24	11.91	6.99	5.62
G 83.0	11.43	15.62	20.40	29.48	25.13	28.08	31.41	30.47	21.45	15.25	8.93	4.76	3.79
G 84.0	6.63	8.20	9.92	15.18	14.53	18.06	20.68	21.50	15.60	11.78	6.30	2.73	2.17
G 85.0	4.50	5.27	5.29	7.59	7.47	10.02	12.75	13.15	10.09	7.91	3.33	1.13	0.85
G 86.0	3.03	3.45	3.27	3.70	3.71	5.38	6.07	6.61	5.02	4.03	0.84	0.21	0.17
G 87.0	1.41	1.66	1.44	1.54	1.34	1.81	1.79	1.83	1.32	1.10	0.05	0.04	0.04
G 88.0	0.30	0.36	0.36	0.30	0.26	0.23	0.14	0.09	0.11	0.06	0.03	0.04	0.04
G 89.0	0.05	0.05	0.05	0.04	0.04	0.03	0.03	0.04	0.03	0.03	0.02	0.04	0.04
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	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621		Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Numero	1	
Archivio	Eulumatd		Data	15-12-2016		Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

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	27.96	29.50	30.36	31.53	28.68	26.54	23.17	20.92	18.26	16.08	13.49	12.08	10.82
G 74.0	24.88	26.58	27.17	27.55	24.72	22.75	19.65	17.86	15.15	13.57	11.16	9.85	8.81
G 75.0	22.27	23.34	23.53	23.19	20.99	18.79	16.56	14.87	12.51	10.74	8.44	7.90	7.38
G 76.0	19.36	20.24	20.03	19.38	17.51	15.77	13.78	12.10	9.39	8.06	7.02	6.74	6.31
G 77.0	16.37	17.24	16.78	16.16	14.19	13.14	10.94	9.03	7.12	6.62	5.89	5.72	5.30
G 78.0	13.72	14.05	13.18	13.18	11.38	10.25	8.02	6.77	5.74	5.31	4.72	4.59	4.18
G 79.0	11.17	11.18	10.34	10.22	8.79	7.48	5.85	5.21	4.31	3.99	3.61	3.58	3.36
G 80.0	8.67	8.74	7.95	7.67	5.94	5.20	4.29	3.76	3.08	2.99	2.82	2.88	2.77
G 81.0	6.69	6.60	6.03	5.52	3.97	3.60	2.83	2.50	2.28	2.24	1.92	1.89	1.25
G 82.0	4.82	4.72	4.19	3.55	2.59	2.26	1.85	1.79	1.30	0.88	0.38	0.23	0.08
G 83.0	3.14	3.02	2.39	1.98	1.40	1.35	0.83	0.59	0.14	0.06	0.05	0.04	0.04
G 84.0	1.57	1.43	1.03	0.81	0.55	0.39	0.09	0.05	0.04	0.04	0.04	0.04	0.03
G 85.0	0.55	0.46	0.25	0.22	0.08	0.06	0.04	0.04	0.04	0.04	0.04	0.03	0.03
G 86.0	0.10	0.08	0.06	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03
G 87.0	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04	0.04	0.04	0.04	0.04	0.04
G 88.0	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04
G 89.0	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04
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	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621		Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Numero	1	
Archivio	Eulumat		Data	15-12-2016		Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

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	10.44	9.67	9.57	9.67	10.44	10.82	12.08	13.49	16.08	18.26	20.92	23.17	26.54
G 74.0	8.47	7.99	8.21	7.99	8.47	8.81	9.85	11.16	13.57	15.15	17.86	19.65	22.75
G 75.0	7.31	6.98	7.14	6.98	7.31	7.38	7.90	8.44	10.74	12.51	14.87	16.56	18.79
G 76.0	6.38	6.03	6.15	6.03	6.38	6.31	6.74	7.02	8.06	9.39	12.10	13.78	15.77
G 77.0	5.27	5.04	5.21	5.04	5.27	5.30	5.72	5.89	6.62	7.12	9.03	10.94	13.14
G 78.0	4.24	4.03	4.18	4.03	4.24	4.18	4.59	4.72	5.31	5.74	6.77	8.02	10.25
G 79.0	3.43	3.32	3.45	3.32	3.43	3.36	3.58	3.61	3.99	4.31	5.21	5.85	7.48
G 80.0	2.77	2.67	2.68	2.67	2.77	2.77	2.88	2.82	2.99	3.08	3.76	4.29	5.20
G 81.0	1.24	0.83	0.87	0.83	1.24	1.25	1.89	1.92	2.24	2.28	2.50	2.83	3.60
G 82.0	0.08	0.05	0.05	0.05	0.08	0.08	0.23	0.38	0.88	1.30	1.79	1.85	2.26
G 83.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.06	0.14	0.59	0.83	1.35
G 84.0	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.05	0.09	0.39
G 85.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.06
G 86.0	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04
G 87.0	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.04
G 88.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05
G 89.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.05	0.05	0.05
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	ECOEVO 2 0F2H1 S05 4.5-2M	Codice	AEC18621	Codice	L- EE2-0F2H1-4000-525-2M-70-25
Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1
Archivio	Eulumat	Data	15-12-2016	Posizione	

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

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	28.68	31.53	30.36	29.50	27.96	41.58	89.04
G 74.0	24.72	27.55	27.17	26.58	24.88	35.81	78.82
G 75.0	20.99	23.19	23.53	23.34	22.27	30.08	69.07
G 76.0	17.51	19.38	20.03	20.24	19.36	24.33	56.40
G 77.0	14.19	16.16	16.78	17.24	16.37	18.91	41.50
G 78.0	11.38	13.18	13.18	14.05	13.72	14.92	29.26
G 79.0	8.79	10.22	10.34	11.18	11.17	11.64	20.22
G 80.0	5.94	7.67	7.95	8.74	8.67	9.40	13.92
G 81.0	3.97	5.52	6.03	6.60	6.69	7.40	10.13
G 82.0	2.59	3.55	4.19	4.72	4.82	5.62	6.99
G 83.0	1.40	1.98	2.39	3.02	3.14	3.79	4.76
G 84.0	0.55	0.81	1.03	1.43	1.57	2.17	2.73
G 85.0	0.08	0.22	0.25	0.46	0.55	0.85	1.13
G 86.0	0.04	0.04	0.06	0.08	0.10	0.17	0.21
G 87.0	0.04	0.04	0.04	0.04	0.04	0.04	0.04
G 88.0	0.05	0.05	0.05	0.04	0.04	0.04	0.04
G 89.0	0.05	0.05	0.05	0.04	0.04	0.04	0.04
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	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621		Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Numero	1	
Archivio	Eulumat		Data	15-12-2016		Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621	Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1	
Archivio	Eulumat		Data	15-12-2016	Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621	Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1	
Archivio	Eulumat		Data	15-12-2016	Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621	Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1	
Archivio	Eulumat		Data	15-12-2016	Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621		Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Numero	1	
Archivio	Eulumat		Data	15-12-2016		Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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	ECOEVO 2 0F2H1 S05 4.5-2M	Codice	AEC18621	Codice	L- EE2-0F2H1-4000-525-2M-70-25
Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1
Archivio	Eulumdat	Data	15-12-2016	Posizione	

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

Tabella Intensità Luminosa - 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

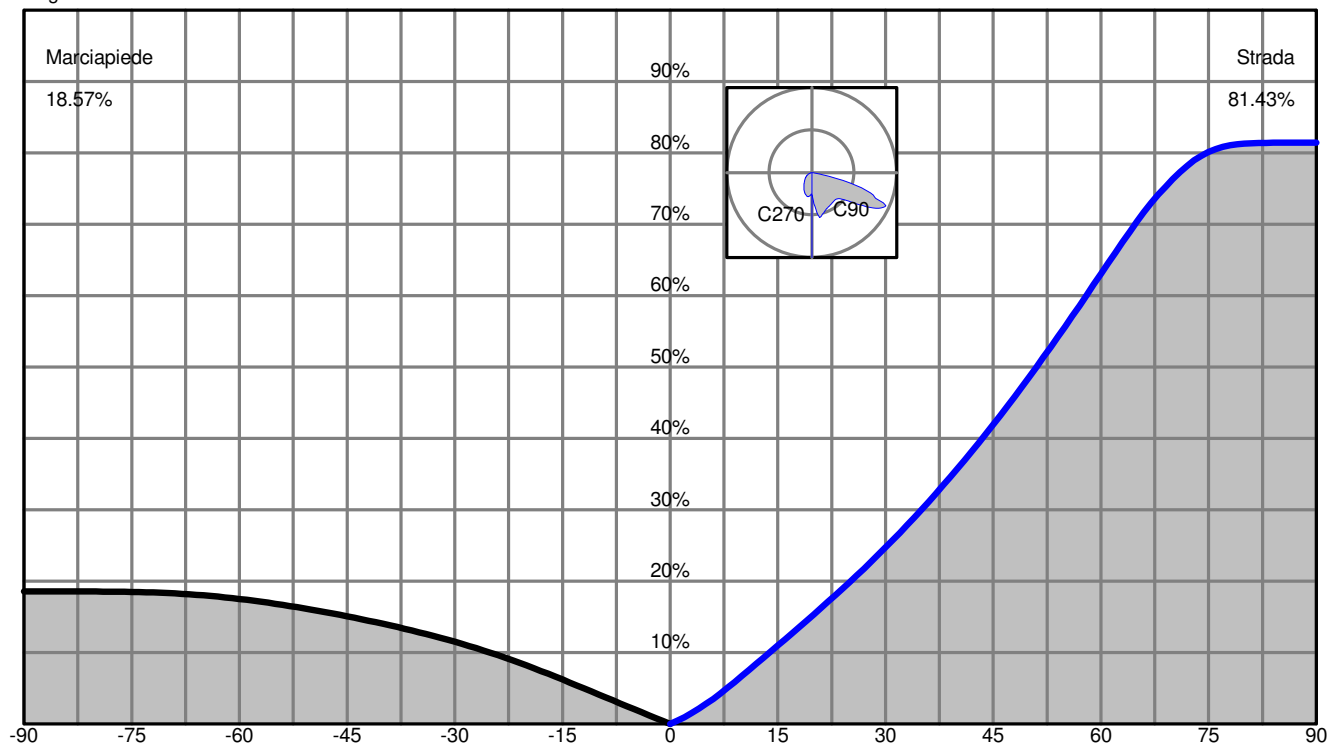
Apparecchio			Rilievo		Lampada		
Codice	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621	Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M	Numero	1	
Archivio	Eulumat		Data	15-12-2016	Posizione		

Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico

Marciapiede			Strada		
Angolo	0	0.00%	Angolo	0	0.00%
Angolo	-5	2.07%	Angolo	5	2.82%
Angolo	-10	4.16%	Angolo	10	6.75%
Angolo	-15	6.23%	Angolo	15	11.00%
Angolo	-20	8.20%	Angolo	20	15.34%
Angolo	-25	9.98%	Angolo	25	19.88%
Angolo	-30	11.52%	Angolo	30	24.74%
Angolo	-35	12.86%	Angolo	35	30.02%
Angolo	-40	14.04%	Angolo	40	35.74%
Angolo	-45	15.09%	Angolo	45	41.94%
Angolo	-50	16.03%	Angolo	50	48.59%
Angolo	-55	16.84%	Angolo	55	55.66%
Angolo	-60	17.52%	Angolo	60	63.03%
Angolo	-65	18.03%	Angolo	65	70.34%
Angolo	-70	18.34%	Angolo	70	76.31%
Angolo	-75	18.50%	Angolo	75	80.14%
Angolo	-80	18.56%	Angolo	80	81.28%
Angolo	-85	18.57%	Angolo	85	81.42%
Angolo	-90	18.57%	Angolo	90	81.43%

Angolo Inclinazione = 0.0

DLOR = 100.00%



Spread	66.4° Largo	DLOR	100.00000 %
Throw	60.7° Intermedio	ULOR	0.00000 %
SLI	6.5 Ristretto	Rendimento	100.00000 %
Cutoff CIE	Cutoff - Max: C=45.0° Gamma=61.0°	RN	0.00000 %
Cutoff Iesna	Semi Cutoff	Classe Intensità Luminosa	G*2
DIN5044	KB2	Indice Abbagliamento	D4
IESNA Type IV Short Asymmetrical			

Apparecchio			Rilievo			Lampada		
Codice	ECOEVO 2 0F2H1 S05 4.5-2M		Codice	AEC18621		Codice	L- EE2-0F2H1-4000-525-2M-70-25	
Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Nome	ECOEVO 2 0F2H1 S05 4.5-2M		Numero	1	
Archivio	Eulumat		Data	15-12-2016		Posizione		
Flusso Apparecchio	3220.00 lm	Potenza Apparecchio	31.00 W	Efficacia	103.87 lm/W	Rendimento	100.00%	
Flusso Lampade	3220.00 lm	Valore Massimo	557.60 cd/klm	Posizione	C=45.00 G=61.00	CG	Asimmetrico	

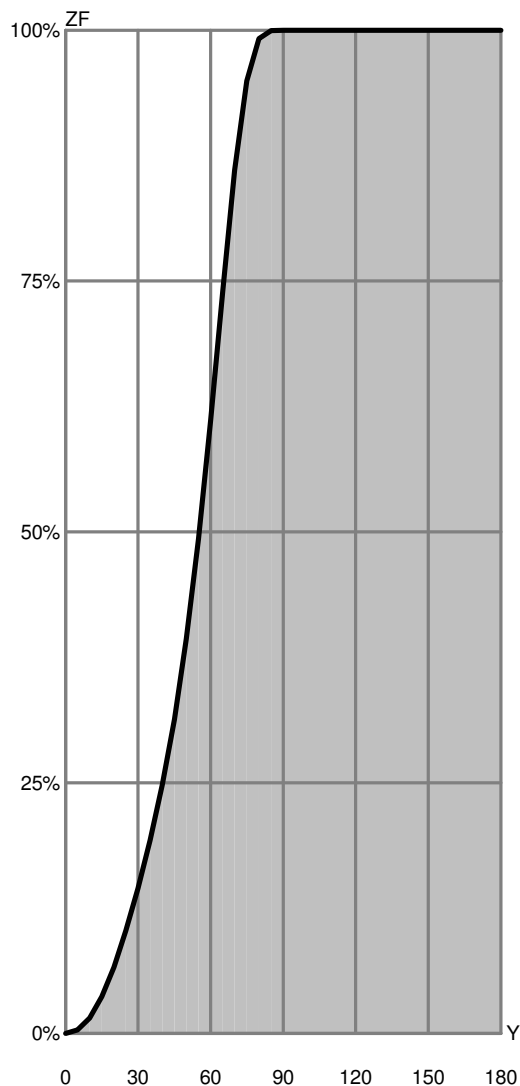
Flusso Totale=3220.00 Flusso Apparecchio=3220.00

RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.17	0.24	0.31	0.39	0.46	0.56	0.64	0.70	0.77	0.82	0.93	0.98
RC	9	8	8	8	8	7	7	7	7	6	5	2

Flusso Zonale per 1000 lumen														
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140
ZF(Y)	15	66	145	248	393	611	861	992	1000	1000	1000	1000	1000	1000

CODICI DI FLUSSO CIE
27 61 95 100 100

C.I.E.	9/8/8/8/7/7/7/6/5/2	LOR	100.00000 %
D DIN 5040	A10	ULOR	0.00000 %
F UTE	1.00 I	DLOR	100.00000 %
B NBN	BZ 8 / 0.8 / BZ 7 / 1.25 / BZ 6 / 4 / BZ 5	UFF	0.00000 %
RN	0.00000 %	DFF	100.00000 %
BLF	1.0	FFR	0.00000 %



Flusso Zonale				
Gamma °	Flusso	Somma lm	Flusso [%]	Somma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	3.41	3.41	0.34 %	0.34 %
10°	11.98	15.40	1.20 %	1.54 %
15°	21.39	36.79	2.14 %	3.68 %
20°	29.42	66.20	2.94 %	6.62 %
25°	36.22	102.42	3.62 %	10.24 %
30°	42.27	144.69	4.23 %	14.47 %
35°	48.18	192.88	4.82 %	19.29 %
40°	55.08	247.96	5.51 %	24.80 %
45°	65.18	313.14	6.52 %	31.31 %
50°	80.19	393.33	8.02 %	39.33 %
55°	99.41	492.75	9.94 %	49.27 %
60°	118.34	611.09	11.83 %	61.11 %
65°	129.10	740.19	12.91 %	74.02 %
70°	120.47	860.66	12.05 %	86.07 %
75°	89.04	949.70	8.90 %	94.97 %
80°	42.00	991.71	4.20 %	99.17 %
85°	7.83	999.54	0.78 %	99.95 %
90°	0.46	1000.00	0.05 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

ISTRUZIONI DI MONTAGGIO



Fig. 1

Viti M8x35 + rondelle grower e rondelle piane
Chiave brugola: 6mm
Momento torcente: 10Nm



Fig. 2

MONTAGGIO E MANUTENZIONE

Montaggio su testa-palo o braccio

ITALO 2 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 senza aprire la copertura, allentando solamente le 2 viti (Fig. 2).

Fissare l'attacco all'apparecchio con le 2 viti M8 x 35mm 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.

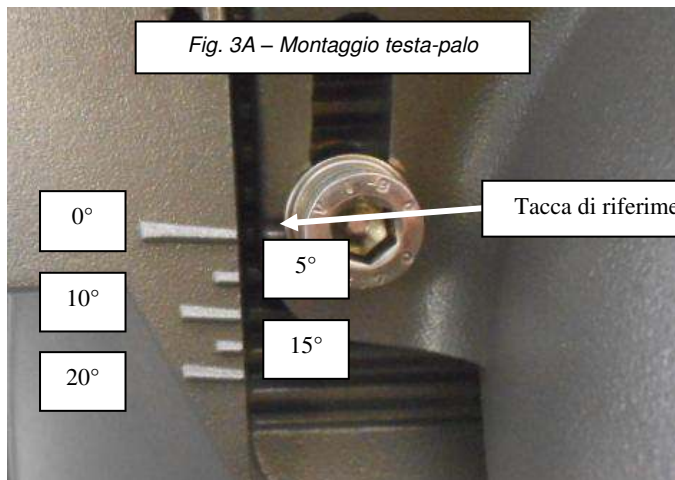


Fig. 3A – Montaggio testa-palo

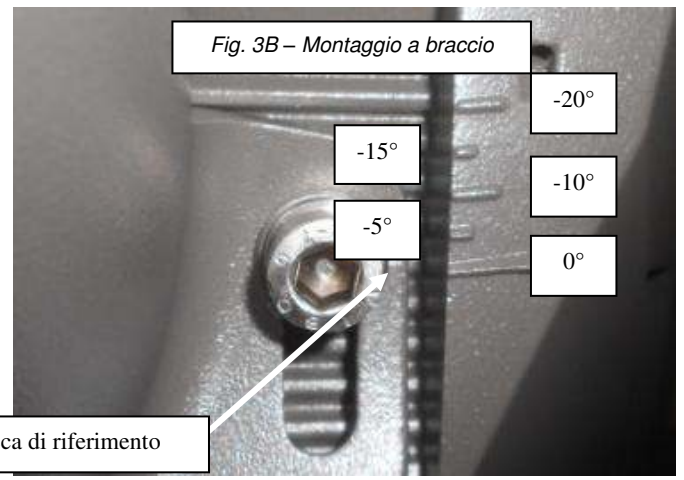


Fig. 3B – Montaggio a braccio

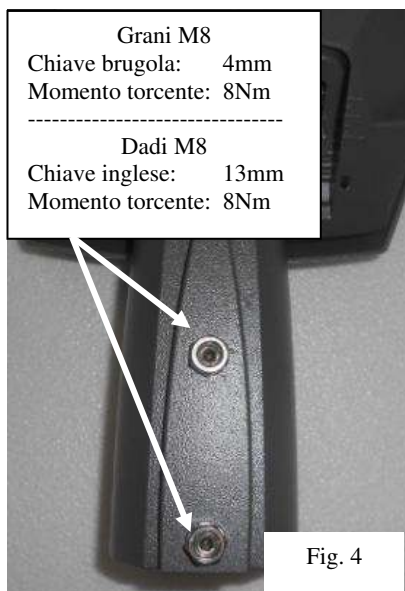


Fig. 4

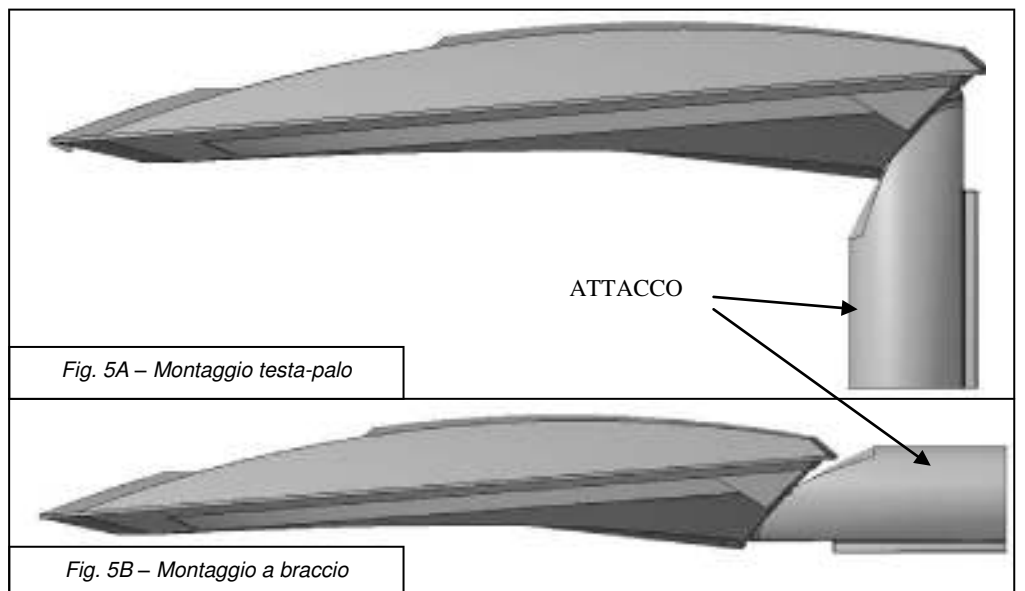


Fig. 5A – Montaggio testa-palo

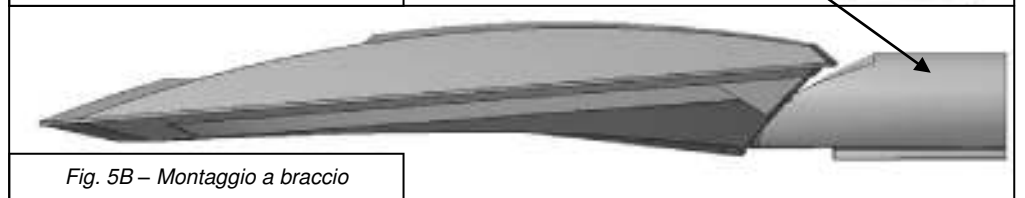


Fig. 5B – Montaggio a braccio

Collegamenti elettrici

Per accedere alle parti elettriche, occorre sbloccare il gancio di chiusura (A – Fig. 1) e sollevare la copertura fino all'azione della cerniera (Fig.7).

- **Apparecchio con pressacavo:** seguire le indicazioni di Fig. 8. è necessario serrare il fermacavo del sezionatore sulla guaina esterna del cavo di alimentazione.
- **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 telecomando.

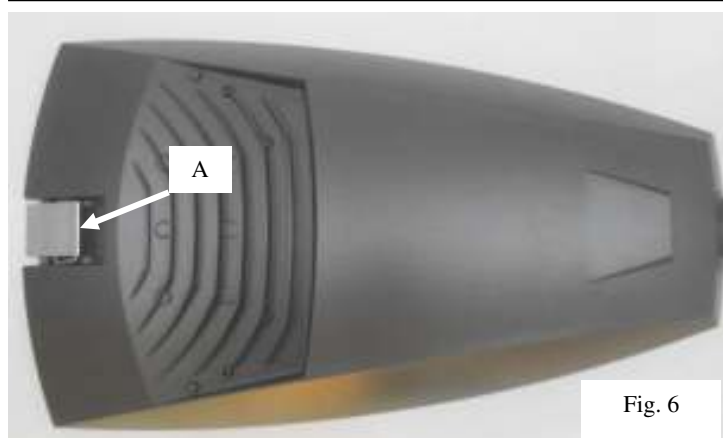


Fig. 6

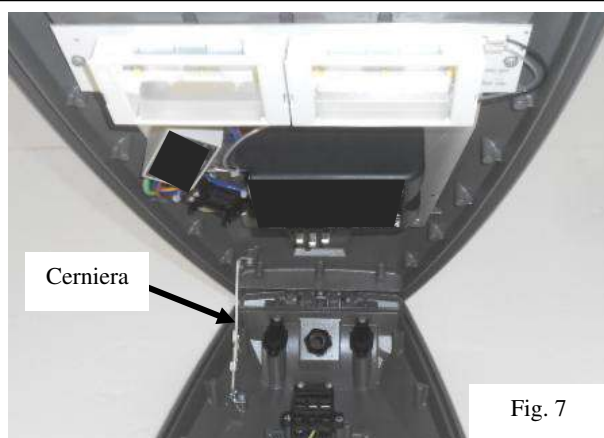


Fig. 7

VERSIONE CON PRESSACAVO

Pressacavo plastico M20
Chiave inglese: 25mm
Momento torcente: 3.3Nm

Pressacavo plastico M25
Chiave inglese: 30mm
Momento torcente: 5Nm

Stringere completamente le viti del
coperchio del sezionatore

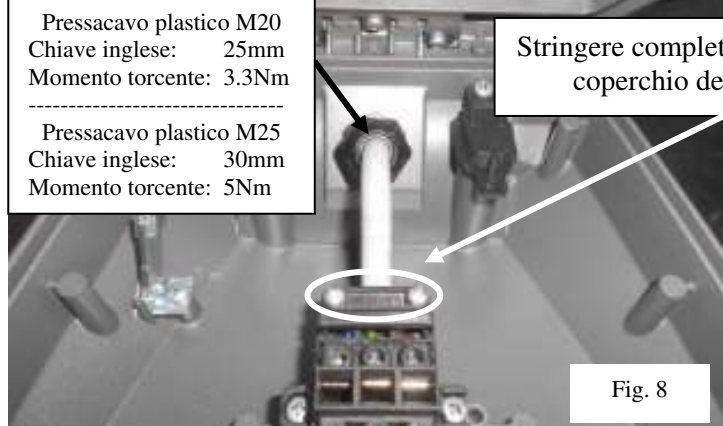
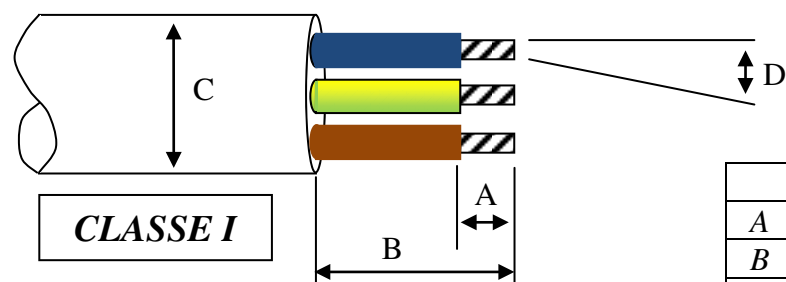


Fig. 8

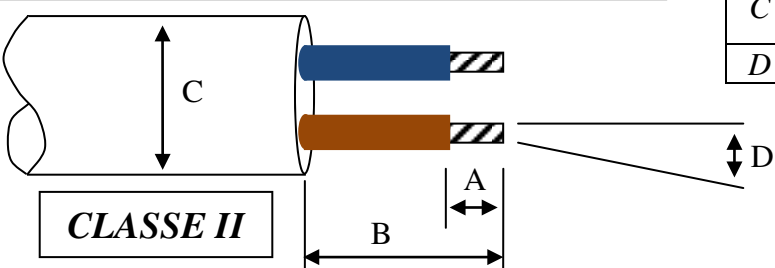
VERSIONE CON MEMBRANA



Fig. 9



CLASSE I



CLASSE II

	Pressacavo	Membrana
A	6 ÷ 7 mm	6 ÷ 7 mm
B	< 25mm	< 25mm
C	M20: 8 ÷ 13mm M25: 10 ÷ 14mm	8 ÷ 13mm
D	≤ 2.5mmq	≤ 2.5mmq

Chiusura apparecchio

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



Fig. 10

Posizione iniziale

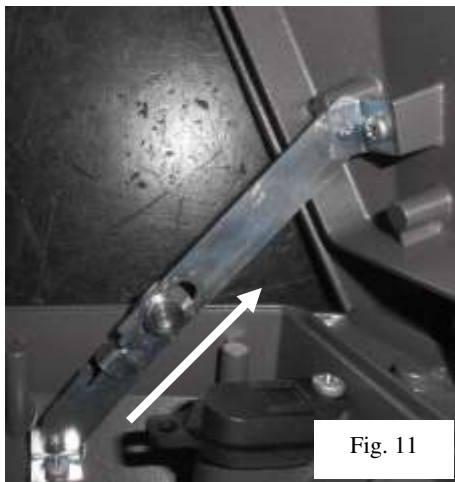


Fig. 11

Alzare la copertura

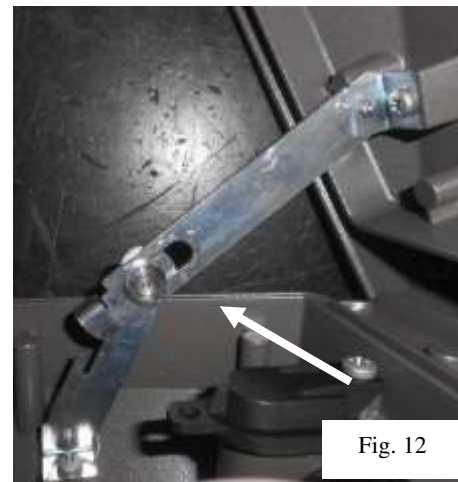


Fig. 12

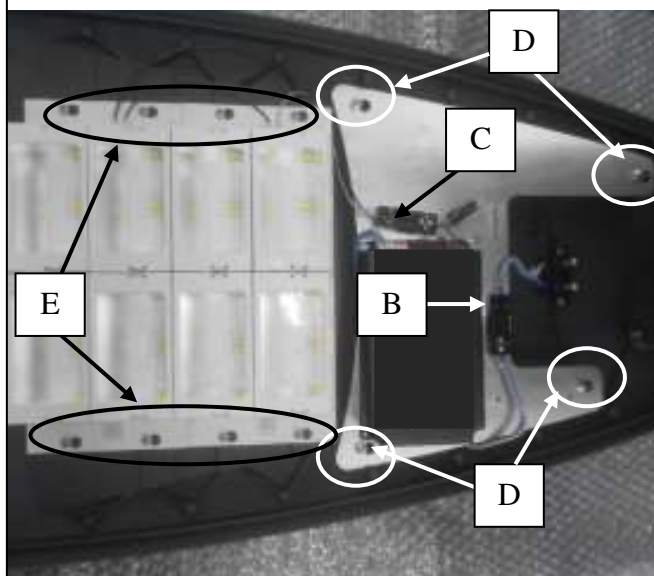
Sbloccare il perno della cerniera e
abbassare la copertura

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 viti (D);
- 4) Estrarre il cablaggio.

Inserimento piastra cablaggio

- 1) Posizionare correttamente la piastra cablaggio;
- 2) Stringere le 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

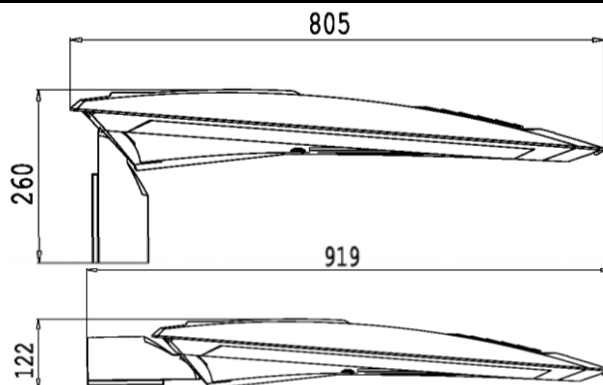


LED SPENTO _ Scaricatore a fine vita da sostituire

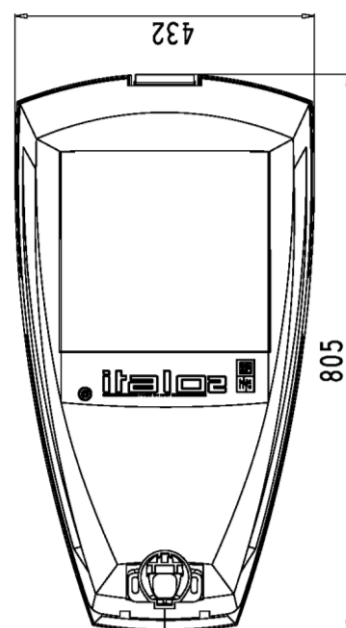




L'apparecchio ITALO 2 è classificato come "**EXEMPT GROUP**" secondo la norma IEC/EN 62471 sulla sicurezza fotobiologica. **NESSUN RISCHIO** per gli operatori e gli utilizzatori finali.



Superficie laterale:	0.08m ²
Superficie di base:	0.30m ²
Coefficiente di forma:	1.2
Altezza massima:	15m
Temperatura ambiente	35°C
Uso	Interno / Esterno
ITALO 2 1M – 2M	10.9kg ÷ 11.2kg
ITALO 2 3M – 5M	11.3kg ÷ 11.6kg
ITALO 2 6M – 8M	11.8kg ÷ 12kg



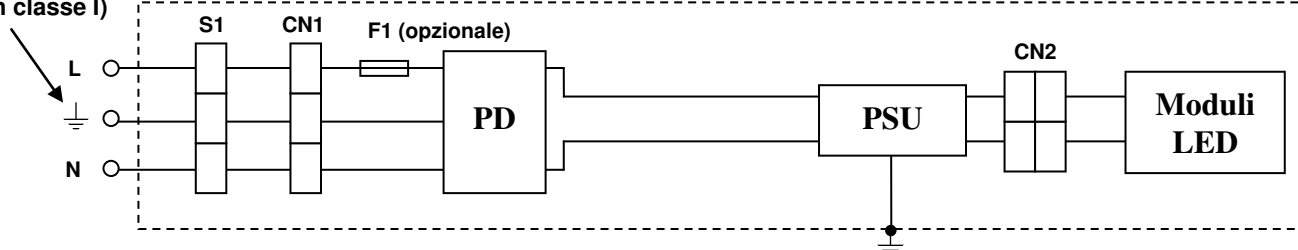
INFORMAZIONI AGLI UTENTI

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).

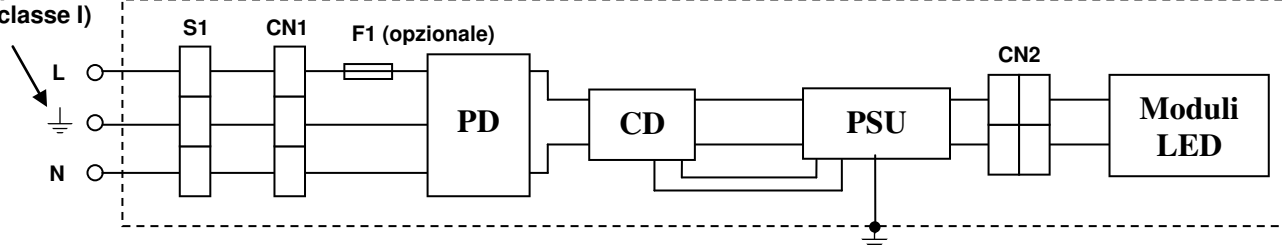
Terra di protezione
(solo in classe I)

SCHEMA ELETTRICO



Terra di protezione
(solo in classe I)

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

- L'apparecchio è adatto al montaggio su superfici normalmente infiammabili.
- 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.

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. 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.

