STUDIO **ELTEC**
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PROGETTAZIONE IMPIANTI ELETTRICI
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Provincia di VICENZA

Comune di MALO e ISOLA VICENTINA

Ditta Proprietaria

NATCOR S.r.l.

Via Fondomuri n. 43 – 36034 Malo (VI)

Ditta Conduttrice

FANIN S.r.l.

Via Fondomuri n. 43 – 36034 Malo (VI)

Intervento

AMPLIAMENTO SITO PRODUTTIVO DITTA NATCOR

ubicazione:

Via Fondomuri n. 43 – 36034 Malo (VI)

Elaborato

CONTENIMENTO INQUINAMENTO LUMINOSO

DIMOSTRAZIONE RISPETTO L. R. N. 17 DEL 07 AGOSTO 2009

- RELAZIONE TECNICA -

Fase progettuale

☒ Prog. PRELIMINARE ☐ Prog. DEFINITIVO ☐ Prog. ESECUTIVO ☐ AS BUILT ☐ Altro

Commessa

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Documento

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Data

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Progettista (Timbro e firma): per. Ind. Lorenzo Lari

INDICE GENERALE

OGGETTO

Oggetto della presente relazione è l'impianto di illuminazione delle aree esterne ad uso parcheggio privato di pertinenza di un edificio produttivo.

PROGETTO

Il presente documento descrive le scelte tecniche e le soluzioni impiantistiche adottate per l'impianto elettrico di illuminazione delle aree esterne.

DESCRIZIONE DELL'AREA

Il complesso edilizio si trova nel comune di Malo e nel comune di Isola VIcentina in zona agricola lungo via Fondomuri 43.

Il complesso dispone di aree esterne ad uso parcheggio privato ed ad uso manovra per autotreni per carico/scarico.

LEGGI E NORMATIVE

L'impianto elettrico di illuminazione dovrà essere realizzato a ***regola d'arte*** (L.186/68) utilizzando parimenti materiali costruiti a regola d'arte.

Normativa tecnica

- Norma CEI 64-8: Impianti elettrici utilizzatori a tensione nominale non superiore a 1000V in corrente alternata e a 1500V in corrente continua.
- UNI 11248:2012 Illuminazione stradale, Selezione delle categorie illuminotecniche
- UNI EN 13201:2004 Road lighting, Performance requirements

Legislazione Italiana

- Legge 1/3/68 n.186 Disposizioni concernenti la produzione di materiali, apparecchiature e impianti elettrici.
- L.R. n. 17/2009 Nuove norme per il contenimento dell'inquinamento luminoso, il risparmio energetico nell'illuminazione per esterni e per la tutela dell'ambiente e dell'attività svolta dagli osservatori astronomici.

1.2 SICUREZZA ELETTRICA

La sezione sicurezza elettrica prenderà in considerazione i seguenti aspetti:

1.2.1 Dati delle alimentazioni elettriche
1.2.2 Descrizione dell'impianto
1.2.3 Materiali idonei all'opera
1.2.4 Protezione contro i contatti indiretti
1.2.5 Impianto di terra
1.2.6 Protezione contro i contatti diretti
1.2.7 Dimensionamento cavi elettrici

1.2.1 Dati delle alimentazioni elettriche

IMPIANTO	illuminazione a servizio dei parcheggi e delle relative aree di manovra
Tensione	230/400V
Frequenza	50 Hz
Fasi	Trifase
Stato del neutro e delle masse	TN-S
Potenza massima installata	5,7kW

L'impianto sarà dotato di un sistema di parzializzazione su base oraria che permette la riduzione del flusso luminoso oltre il 30% entro le ore 24h.

1.2.2 Descrizione impianto

L'impianto sarà alimentato dall'impianto elettrico del capannone stesso.
Esso sarà realizzato in classe I con impianto di terra.

1.2.3 Materiali idonei all'opera

Gli apparecchi di illuminazione utilizzati saranno:

Proiettori industriali su area di manovra autoarticolati:

- apparecchi marca SBP serie GUELL 3 con ottica asimmetrica 50°
- Piastra LED da 305W – 35800Lm – 4000°K - 117Lm/W
- installazione a palo o parete a circa 12m di altezza

Armature stradali su area di parcheggio autoveicoli:

- apparecchi marca DISANO serie MINISTELVIO con ottica stradale
- Piastra LED da 76W – 7700Lm – 4000°K - 101Lm/W
- installazione a palo a circa 10m di altezza

1.2.4 Protezione contro i contatti indiretti

Realizzata in accordo con la norma CEI 64-8 per interruzione automatica dell'alimentazione.

1.2.5 Impianto di terra

Utilizzato l'impianto dispersore di terra dell'edificio

1.2.6 Protezione contro i contatti diretti

Protezione mediante isolamento delle parti attive:
- tutte le parti attive devono essere ricoperte con un isolamento-
- l'isolamento deve poter essere rimosso solo con distruzione dello stesso -
- l'isolamento dei componenti elettrici costruiti in fabbrica deve soddisfare alle relative norme -
- vernici, lacche o smalti non sono considerati idonei -

Protezione mediante involucri o barriere:
- le parti attive devono essere poste entro involucri o dietro barriere tali da assicurare almeno il grado di protezione IPXXB -
- per le superfici orizzontali superiori, a portata di mano, gli involucri o le barriere devono assicurare il grado di protezione non inferiore a IPXXD
- quando sia necessario aprire un involucro o rimuovere una barriera, questo deve essere possibile solo:

a) con l'uso di chiave o di un attrezzo, oppure
b) se dopo l'interruzione dell'alimentazione alle parti attive contro le quali le barriere o gli involucri offrono protezione, il ripristino dell'alimentazione sia possibile solo dopo la sostituzione o la richiusura delle barriere o degli involucri stessi, oppure
c) se quando una barriera intermedia con grado di protezione nono inferiore a IPXXB protegge dal contatto con le parti attive, tale barriera possa essere rimossa solo con l'uso di una chiave o di un attrezzo.

1.2.7 Dimensionamento cavi elettrici

Protezione contro le sovracorrenti

Sarà previsto un quadro elettrico generale con rele' magnetotermico-differenziale.

Calcolo caduta di tensione
La ridotta estensione planimetrica non fa ritenere necessario verificare le cadute di tensione.

1.4 CALCOLI ILLUMINOTECNICI

Le aree esterne saranno utilizzate come aree di parcheggio ad uso privato a servizio dei lavorator oppure aree di manovra per carico/scarico. Nessuna area è utilizzata o demandata per lavorazioni in esterno.

In questo contesto trova applicazione la sola legge regionale L.R. 17/2009 che prescrive tra l'altro di illuminare le superfici con valori medi inferiori a 1cd/mq.

Risulta utile a livello indicativo la norma UNI EN 13201-2:2016 che propone la tabella P per l'illuminazione di aree di parcheggio. La tabella individua 7 categorie illuminotecniche con valori di illuminamento al suolo compresi tra 2 e 15lux.

Pertanto, ai sensi della L.R. 17/2009 ed UNI EN 13201-2 possiamo affermare che l'impianto di illuminazione deve rispettare i seguenti requisiti:

- illuminamento medio al suolo compreso tra 2lux e 15lux
- luminanza media della pavimentazione < 1cd/mq

1.4.1 Apparecchi di illuminazione utilizzati

Proiettori industriali su area di manovra autoarticolati:

- apparecchi marca SBP serie GUELL 3 con ottica asimmetrica 50°
- Piastra LED da 305W – 35800Lm – 4000°K - 117Lm/W
- installazione a palo o parete a circa 12m di altezza

Armature stradali su area di parcheggio autoveicoli:

- apparecchi marca DISANO serie MINISTELVIO con ottica stradale
- Piastra LED da 76W – 7700Lm – 4000°K - 101Lm/W
- installazione a palo a circa 10m di altezza

1.4.2 Calcoli illuminotecnici

I calcoli sono stati eseguiti con un programma di calcolo computazionale secondo le indicazioni UNI EN 13201.

La formula utilizzata è quella della UNI EN 13201 art. 7.2.2 per illuminamento orizzontale a livello del suolo.

I risultati sono illustrati nell'allegato A2 e qui riassunti:

AREE ESTERNE			
Parametri	**Valori richiesti**	**Valori calcolati analiticamente**	
Illuminamento medio	Compresi tra 2 lux e 15 lux	Medio sull'intera area	13lux
Luminanza media del suolo	< 1,0 cd/mq	Medio sull'intera area	0,40 cd/mq

Gli accessi carrai risultano inoltre illuminati con 20 lux, valore idoneo per il compito visivo richiesto in considerazione del tipo di strada e delle zone conflittuali ivi presenti.

1.5 RIDUZIONE DELL'INQUINAMENTO LUMINOSO

Tutte le installazione in esterno devono rispettare l'attuale legge in vigore nella regione Veneto n. 17 del 07 agosto 2009

Sito di installazione:

- Comune di Malo ed Isola Vicentina
- entro la fascia di rispetto dei 25km da osservati astronomici professionali (allegato A)

Requisiti per gli impianti di illuminazione:

Requisiti richiesti per gli impianti di illuminazione in esterno secondo art. 9 comma 2

a. intensità massima compresa tra 0 e 0,49 cd per 1000 Lumen di flusso totale emesso oltre 90° (art. 9 comma 2 lettera a)
b. siano utilizzate lampade ad alta efficienza come le sodio alta pressione (art. 9 comma 2 lettera b)
c. gli impianti siano realizzati in modo da non superare i valori indicati nelle normative tecniche (art. 9 comma 2 lettera c) con una tolleranza di ±15%
d. sono previsti dispositivi che riducono il flusso luminoso oltre 30% entro le ore 24.

   (art. 9 comma 2 lettera d)

Per quanto riguarda gli apparecchi utilizzati sull'impianto:

a. Gli apparecchi hanno vetro piano e saranno installati con **0°** rispetto all'orizzonte. Secondo i dati tabellari riportati nell'allegato A1 alla riga G90.0 ha emissione massima pari a 0cd/klm < 0,49cd/klm per qualunque angolo C
b. Le lampade montate sugli apparecchi sono a LED di nuova generazione con efficienza maggiori di 100Lm/W>90Lm/W minimi
c. I risultati numerici di calcolo rientrano nei limiti richiesti.
d. La riduzione del flusso luminoso sarà ottenuta tramite dimmerizzazione DALI degli apparecchi di illuminazione in modo da ridurre ad oltre il 30% entro le ore 24h
e. Gli apparecchi utilizzati hanno codice CIE 39 75 97 100 100 e CIE 39 81 98 100 100 come riportato nell'allegato A1 e pertanto con rendimenti del 100% > 60% minimo

Pertanto si considerano soddisfatti tutti i punti richiesti dalla legge regionale.

CONCLUSIONI

Si conclude pertanto che il descritto progetto illuminotecnico è conforme a tutti i dettami richiesti dalle norme tecniche del settore e dalle leggi imposte per la riduzione dell'inquinamento luminoso.

Il professionista

Data, 09/04/2019

Per. Ind. Lorenzo Lari

ALLEGATO A1

CURVE FOTOMETRICHE APPARECCHIO SBP GUELL 3

PERFORMANCE
iN LIGHTING

GUELL 3 A50/W

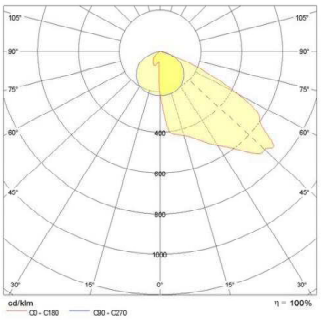
IP 66 | CLASSE I | 1 m | CE | EAC

Codice	306114
Attacco:	LED
Sorgente luminosa:	LED
Potenza:	305 W
Colore / RAL:	GR-94 / Grigio metallizzato / Textured
Classe di isolamento:	I
Grado di protezione:	IP 66
IK-J-xxIP:	IK07 3J xx5
CRI:	80
Kelvin:	4000
Fattore di potenza:	COSφ ≥ 0,9
Ottica:	Ottica asimmetrica Diffondente
Flusso della sorgente:	48341 lm
Flusso di apparecchio:	35814 lm
L:	L80
B:	B10
Lifetime:	55000 h

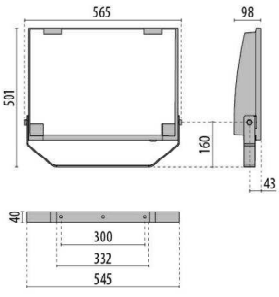
Descrizione

Proiettore LED per interni ed esterni, costituito da:
- Corpo in alluminio pressofuso verniciato polveri poliestere previo trattamento di conversione chimica superficiale
- Diffusore in vetro piano extrachiaro di sicurezza temprato
- Riflettori ad altissime prestazioni in alluminio placcato 99,99%, brillantato, ossidato e privo di iridescenza
- Guarnizione in silicone antinvecchiamento
- Pressacavo antistrappo M20x1.5 per cavi Ø 10 - Ø 14 mm
- Moduli LED e riflettori specificatamente studiati per contesti dove sono necessarie distribuzioni luminose con un'elevata asimmetria
- Viteria esterna in acciaio inox
- Clip in alluminio con molla inox, imperdibili
- Staffa in acciaio verniciata con polveri poliestere previa cataforesi

DATI FOTOMETRICI



DISEGNI TECNICI



PERFORMANCE IN LIGHTING s.p.a. Viale del Lavoro 9/11- 37030 Colognola ai Colli (VR) - Italy - Tel. +39 045 61 59 211 - Fax export +39 045 61 59 393
www.performanceinlighting.com

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	306114	Codice	306114	Codice	306114
Nome	GUELL3 300 A50/W 840 GR	Nome	GUELL3 300 A50/W 840 GR	Numero	1
Archivio	Eulumdat	Data	23-06-2017	Posizione	

Flusso Apparecchio	35822.43 lm	Potenza Apparecchio	305.00 W	Efficacia	117.45 lm/W	Rendimento	100.02%
Flusso Lampade	35814.10 lm	Valore Massimo	728.45 cd/klm	Posizione	C=0.00 G=50.00	CG	Simmetrico 0-180

Apparecchio Rettangolare	Lung.	510 mm	Larg.	430 mm	Alt.	100 mm
Area Luminosa Rettangolare	Lung.	480 mm	Larg.	168 mm	Alt.	0 mm

Area Luminosa Orizzontale	0.080640 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°	0.019509 m2

Sistema Coordinate	CG	Tipo di Simmetria	Simmetrico 0-180
Data	23-06-2017	Massimo Angolo Gamma	90
Distanza di rilievo	0.00	Flusso di rilievo	35814.10 lm

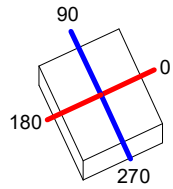
Operatore	AYO	Tensione di alimentazione [V]	
Temperatura	25.00 °C	Corrente di alimentazione [A]	
Umidità	60.00 %	Fotocellula	
Note			

Lampade Apparecchio

Archivio	Codice	Nome	Flusso [lm]	Pot. [W]	Q.tà
	306114	306114	35814.10	305.00	1

C.I.E.	39 81 98 100 100	D DIN 5040	A20
F UTE	1.00 F	B NBN	BZ 5 / 2.5 / BZ 4

510mm x 430mm



Semipiani C

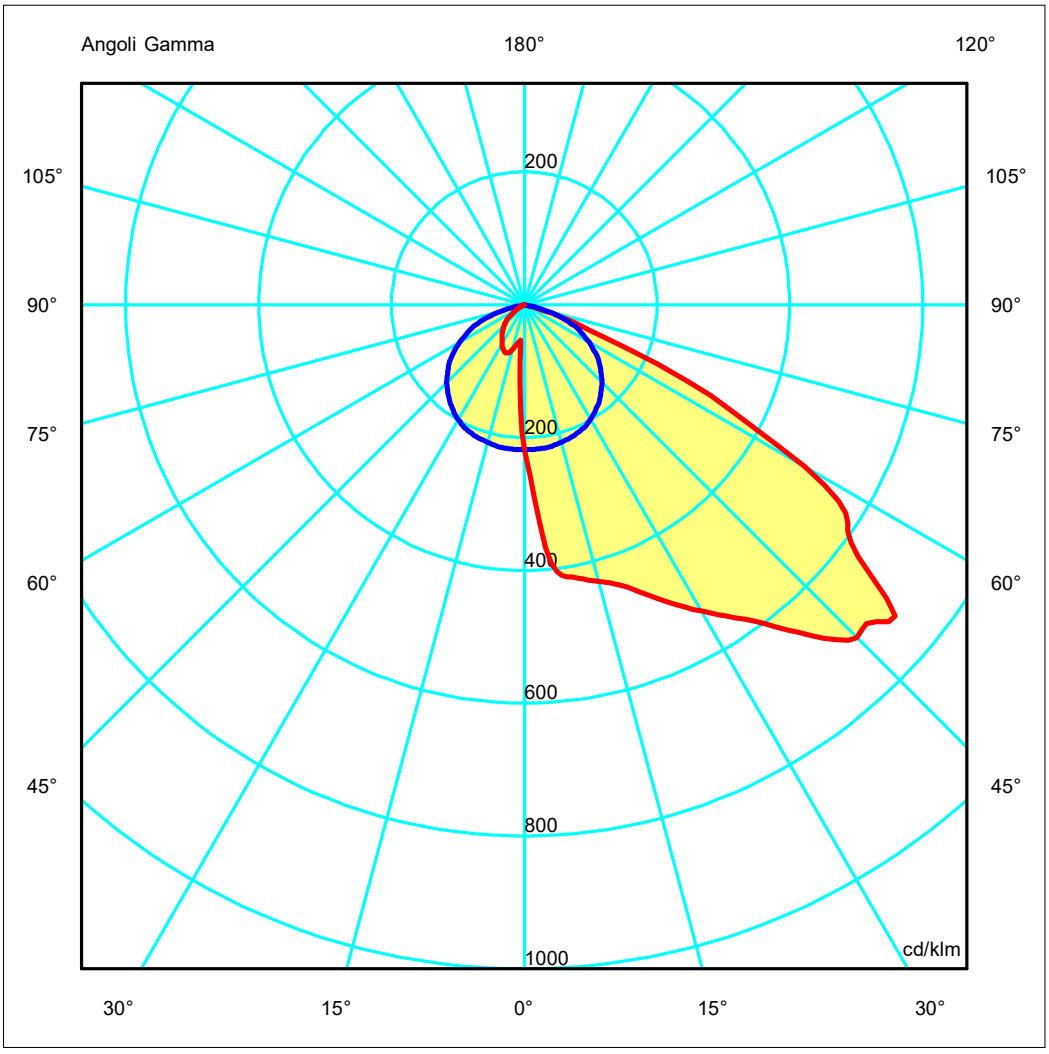
180.0 — 0.0

270.0 — 90.0

ULOR 0.00 %

DLOR100.02 %

RN 0.00 %



OxyTech

Apparecchio		Rilievo		Lampada	
Codice	306114	Codice	306114	Codice	306114
Nome	GUELL3 300 A50/W 840 GR	Nome	GUELL3 300 A50/W 840 GR	Numero	1
Archivio	Eulumdat	Data	23-06-2017	Posizione	

Flusso Apparecchio	35822.43 lm	Potenza Apparecchio	305.00 W	Efficacia	117.45 lm/W	Rendimento	100.02%
Flusso Lampade	35814.10 lm	Valore Massimo	728.45 cd/klm	Posizione	C=0.00 G=50.00	CG	Simmetrico 0-180

Tabella Intensità Luminose - cd/klm **Tabella 1/6**

	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	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98
G 1.0	237.48	237.40	237.19	236.84	236.36	235.75	235.01	234.15	233.17	232.09	230.89	229.60	228.21
G 2.0	258.09	257.90	257.33	256.42	255.18	253.64	251.85	249.83	247.62	245.26	242.77	240.16	237.44
G 3.0	289.36	288.92	287.62	285.51	282.64	279.11	275.02	270.55	265.85	261.06	256.27	251.55	246.93
G 4.0	329.88	329.24	327.35	324.22	319.87	314.33	307.69	300.09	291.74	282.94	274.11	265.71	257.97
G 5.0	367.30	366.69	364.84	361.69	357.11	350.98	343.23	333.78	322.82	310.60	297.56	284.36	271.84
G 6.0	391.72	391.28	390.00	387.77	384.42	379.69	373.16	364.48	353.30	339.65	323.89	306.74	289.27
G 7.0	404.84	404.56	403.78	402.41	400.30	397.13	392.61	386.28	377.50	365.49	349.60	330.37	309.07
G 8.0	411.24	411.04	410.56	409.76	408.49	406.58	403.78	399.64	393.47	384.37	371.26	352.87	329.72
G 9.0	414.31	414.15	413.83	413.34	412.53	411.36	409.66	407.07	403.02	396.70	386.84	371.73	349.48
G 10.0	416.27	416.09	415.75	415.28	414.57	413.72	412.64	410.93	408.30	404.13	397.18	385.44	366.53
G 11.0	418.85	418.62	418.16	417.43	416.43	415.34	414.19	412.90	411.15	408.32	403.46	394.89	379.75
G 12.0	421.94	421.70	421.18	420.28	419.05	417.59	415.86	414.23	412.65	410.54	407.14	401.06	389.37
G 13.0	425.01	424.77	424.25	423.31	422.01	420.26	418.14	415.96	413.71	411.70	409.23	404.71	395.97
G 14.0	427.87	427.62	427.08	426.10	424.82	422.92	420.63	418.01	415.20	412.60	410.13	406.76	400.30
G 15.0	430.70	430.42	429.83	428.73	427.36	425.34	423.01	420.19	417.05	413.69	410.61	407.78	402.87
G 16.0	433.69	433.39	432.67	431.39	429.77	427.65	425.16	422.25	418.95	415.08	411.30	408.10	404.26
G 17.0	437.19	436.84	435.93	434.35	432.37	430.04	427.24	424.17	420.58	416.59	412.23	408.23	404.86
G 18.0	441.52	441.13	439.95	437.96	435.47	432.71	429.36	425.96	422.07	417.97	413.25	408.59	404.81
G 19.0	446.78	446.34	444.92	442.53	439.37	435.77	431.74	427.73	423.53	419.06	414.27	409.07	404.52
G 20.0	452.80	452.29	450.64	447.92	444.12	439.64	434.70	429.87	425.06	420.10	415.13	409.56	404.35
G 21.0	459.40	458.80	456.89	453.80	449.54	444.32	438.50	432.63	426.66	421.14	415.72	410.02	404.11
G 22.0	466.46	465.75	463.55	460.08	455.47	449.58	442.98	436.09	428.59	422.15	416.30	410.31	403.93
G 23.0	473.88	473.06	470.62	466.79	461.76	455.19	447.92	439.83	431.08	423.40	416.91	410.38	403.88
G 24.0	481.62	480.71	478.10	473.91	468.30	461.12	453.22	444.01	434.23	425.19	417.26	410.32	403.78
G 25.0	489.73	488.74	485.94	481.35	475.14	467.40	458.86	448.52	437.98	427.70	417.79	410.20	403.54
G 26.0	498.22	497.15	494.07	489.08	482.31	473.96	464.55	453.27	442.01	430.36	418.74	410.24	403.19
G 27.0	506.92	505.78	502.38	497.11	489.76	480.70	470.22	458.29	446.18	433.30	420.36	410.57	402.57
G 28.0	515.58	514.42	510.82	505.34	497.36	487.70	476.27	463.61	450.47	436.46	422.38	411.10	401.95
G 29.0	524.13	522.96	519.37	513.59	505.06	495.00	482.71	469.18	454.55	439.75	424.52	411.16	401.24
G 30.0	532.59	531.42	527.91	521.75	512.88	502.44	489.34	474.98	458.64	443.00	426.88	411.59	399.92
G 31.0	541.04	539.81	536.22	529.73	520.75	509.70	495.98	480.98	462.76	446.24	429.19	412.55	398.67
G 32.0	549.61	548.31	544.42	537.66	528.46	516.68	502.52	486.75	467.22	449.45	431.45	413.45	397.81
G 33.0	558.48	557.09	552.84	545.74	536.13	523.79	508.93	492.17	472.46	452.91	433.85	414.38	396.93
G 34.0	567.83	566.34	561.72	554.16	543.98	531.09	515.42	497.75	477.97	457.04	436.65	415.47	396.38
G 35.0	577.88	576.21	571.22	563.07	552.18	538.76	522.30	503.64	483.21	461.22	439.46	416.39	396.16
G 36.0	588.84	586.89	581.46	572.65	560.91	547.00	529.62	509.78	488.15	465.07	442.09	417.14	395.67
G 37.0	601.01	598.73	592.73	583.13	570.32	555.87	537.06	516.02	493.22	468.83	444.48	417.91	395.03
G 38.0	614.67	612.16	605.50	594.87	580.62	565.08	544.48	522.59	498.76	472.15	446.07	418.69	394.14
G 39.0	629.57	627.01	619.94	608.07	592.22	574.43	552.61	529.44	504.21	475.21	447.74	419.43	392.71
G 40.0	644.91	642.37	635.17	622.31	605.46	584.98	561.75	536.53	509.40	478.81	449.63	419.95	391.54
G 41.0	660.03	657.39	650.10	636.73	619.58	597.19	572.05	544.27	514.77	483.46	451.58	420.11	390.89
G 42.0	674.88	672.07	664.36	650.82	633.36	610.45	583.53	552.99	520.70	487.61	453.38	420.67	390.30
G 43.0	689.50	686.58	678.36	664.67	646.26	623.68	595.78	562.42	527.10	491.32	455.93	421.68	389.79
G 44.0	701.85	699.30	691.66	678.39	659.00	636.30	607.55	572.20	533.77	495.56	459.10	422.83	389.28
G 45.0	707.86	706.17	700.70	690.12	672.02	648.64	618.72	581.83	540.64	500.74	461.82	423.47	388.57
G 46.0	705.86	704.76	701.64	695.74	682.56	660.59	629.66	591.20	548.07	506.16	464.43	424.20	387.83
G 47.0	704.12	702.43	698.33	693.36	686.23	670.02	640.55	600.43	556.49	512.04	468.33	425.97	387.34
G 48.0	712.79	709.63	701.16	690.98	682.94	673.11	649.64	609.59	564.92	518.57	472.77	428.83	387.07
G 49.0	727.32	724.30	714.68	698.49	681.55	669.32	653.22	617.89	572.75	525.50	476.62	430.95	387.09
G 50.0	728.45	725.65	717.26	711.22	689.93	666.73	649.35	622.71	579.90	532.15	480.82	432.62	388.00
G 51.0	702.85	704.64	708.77	710.30	691.76	673.28	644.18	621.59	586.72	537.57	486.19	434.44	389.32
G 52.0	663.40	665.63	672.63	683.23	690.86	673.58	646.79	617.38	589.99	541.82	491.32	437.14	389.16
G 53.0	629.05	629.86	633.78	643.32	658.70	671.10	646.76	614.04	585.83	546.14	494.15	439.79	388.09
G 54.0	607.49	606.89	606.78	609.19	618.67	638.07	648.14	613.01	576.96	549.02	495.36	441.68	387.66
G 55.0	595.13	593.60	590.71	587.62	587.49	597.27	617.45	610.55	571.73	544.65	497.25	442.37	388.07
G 56.0	587.40	585.59	581.39	574.94	567.85	565.43	574.89	596.07	567.75	533.44	498.79	442.02	388.56
G 57.0	577.60	576.39	572.99	566.55	556.19	544.99	539.00	556.72	562.74	524.39	496.08	441.39	388.27
G 58.0	558.73	558.86	558.46	555.74	547.51	532.10	515.56	515.96	538.45	517.83	486.85	440.78	384.91
G 59.0	527.98	529.50	532.62	535.68	534.51	521.63	500.41	487.17	497.10	513.25	474.35	439.51	380.19
G 60.0	486.78	489.44	495.77	504.11	510.70	507.01	488.84	468.79	460.94	484.97	464.81	433.49	377.82
G 61.0	437.88	441.01	449.52	462.30	475.85	482.76	474.58	455.87	437.42	443.88	455.85	419.22	375.32
G 62.0	388.53	391.30	399.61	413.58	431.89	448.15	451.57	441.45	421.14	408.26	432.60	403.11	369.99
G 63.0	346.71	348.76	354.82	366.09	383.74	403.67	418.28	419.50	406.39	384.35	391.75	392.21	360.16
G 64.0	311.03	313.32	318.93	327.47	339.55	355.12	375.62	388.31	387.21	367.25	353.96	379.17	345.17
G 65.0	270.73	274.17	282.34	293.10	303.72	312.52	329.44	349.33	359.21	351.11	330.57	349.53	328.96
G 66.0	218.90	223.15	234.55	251.21	267.60	278.83	289.08	306.33	323.55	330.65	314.30	309.82	316.13
G 67.0	165.80	169.45	180.40	198.45	221.00	242.90	256.55	267.01	284.24	302.76	297.70	278.34	300.28
G 68.0	125.45	127.60	134.72	148.09	168.75	195.38	220.90	235.06	246.59	268.58	276.02	257.94	270.44
G 69.0	101.17	102.31	106.11	113.29	125.49	145.74	174.70	201.68	214.70	231.61	247.98	243.03	236.23
G 70.0	85.49	86.32	88.65	92.55	98.64	108.81	128.64	159.12	184.05	197.75	216.35	226.05	211.64
G 71.0	71.73	72.61	74.82	78.09	81.94	87.00	96.37	116.56	146.83	168.55	184.42	201.29	194.49
G 72.0	58.03	59.01	61.40	64.79	68.41	72.57	77.48	86.82	107.64	137.15	155.45	172.50	179.39

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	306114	Codice	306114	Codice	306114
Nome	GUELL3 300 A50/W 840 GR	Nome	GUELL3 300 A50/W 840 GR	Numero	1
Archivio	Eulumdat	Data	23-06-2017	Posizione	

Flusso Apparecchio	35822.43 lm	Potenza Apparecchio	305.00 W	Efficacia	117.45 lm/W	Rendimento	100.02%
Flusso Lampade	35814.10 lm	Valore Massimo	728.45 cd/klm	Posizione	C=0.00 G=50.00	CG	Simmetrico 0-180

Tabella Intensità Luminose - cd/klm **Tabella 2/6**

	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	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98
G 1.0	226.72	225.14	223.48	221.73	219.89	217.99	216.02	213.99	211.94	209.87	207.82	205.80	203.83
G 2.0	234.61	231.65	228.54	225.25	221.74	218.00	213.99	209.75	205.34	200.82	196.25	191.69	187.21
G 3.0	242.40	237.89	233.33	228.58	223.51	217.99	211.86	205.23	198.20	190.89	183.42	175.93	168.54
G 4.0	250.87	244.30	238.03	231.78	225.20	217.95	209.63	200.43	190.53	180.13	169.47	158.75	148.20
G 5.0	260.82	251.29	242.85	234.94	226.86	217.86	207.33	195.40	182.41	168.69	154.62	140.52	126.76
G 6.0	272.92	259.15	247.82	237.94	228.34	217.71	204.87	190.09	173.84	156.66	139.06	121.67	105.44
G 7.0	287.58	268.38	253.22	240.99	229.78	217.50	202.34	184.57	164.93	144.15	123.11	103.23	85.95
G 8.0	304.15	279.41	259.29	244.14	231.19	217.26	199.71	178.84	155.68	131.28	107.36	86.31	69.97
G 9.0	321.50	291.97	266.20	247.46	232.57	217.01	196.98	172.89	146.10	118.26	92.48	72.03	59.20
G 10.0	338.62	305.54	274.14	251.02	233.95	216.72	194.19	166.76	136.29	105.51	79.21	61.57	54.11
G 11.0	354.49	319.48	282.93	254.68	235.18	216.39	191.28	160.46	126.32	93.40	68.25	55.63	53.16
G 12.0	367.88	333.17	292.42	258.64	236.41	216.01	188.31	154.00	116.36	82.32	60.32	53.38	54.59
G 13.0	378.44	346.23	302.47	263.00	237.61	215.52	185.22	147.40	106.58	72.66	55.67	53.65	56.65
G 14.0	386.42	357.94	312.77	267.82	238.79	214.96	182.00	140.65	97.14	64.83	53.67	55.25	57.97
G 15.0	392.06	367.78	323.10	273.17	240.04	214.35	178.75	133.81	88.23	59.22	53.58	56.97	58.64
G 16.0	395.94	375.71	333.05	278.71	241.13	213.75	175.39	126.82	80.00	55.74	54.69	58.05	59.00
G 17.0	398.32	381.66	342.36	284.55	242.25	213.13	171.98	119.80	72.64	54.02	56.21	58.64	59.40
G 18.0	399.53	386.10	350.93	290.73	243.44	212.51	168.51	112.83	66.40	53.66	57.44	58.96	60.16
G 19.0	400.04	389.18	358.38	297.17	244.72	211.84	164.98	106.00	61.47	54.24	58.20	59.28	61.27
G 20.0	399.84	391.07	364.59	303.74	246.09	211.02	161.41	99.32	57.92	55.34	58.63	59.83	62.63
G 21.0	399.12	392.07	369.58	310.13	247.21	210.03	157.59	92.81	55.59	56.53	58.89	60.66	64.14
G 22.0	398.20	392.23	373.30	316.37	248.41	208.98	153.72	86.59	54.32	57.40	59.14	61.71	65.71
G 23.0	397.32	391.81	376.06	322.49	249.79	208.06	149.81	80.75	53.88	57.95	59.51	62.93	67.27
G 24.0	396.67	391.02	377.88	328.30	251.37	207.24	145.86	75.33	54.06	58.28	60.11	64.24	68.82
G 25.0	396.20	389.72	378.93	333.75	253.09	206.32	141.86	70.44	54.65	58.46	60.91	65.59	70.28
G 26.0	395.23	388.17	379.31	338.63	254.69	205.16	137.89	66.18	55.45	58.61	61.84	66.95	71.61
G 27.0	394.28	386.34	378.74	342.86	256.45	203.84	133.89	62.62	56.22	58.82	62.88	68.28	72.82
G 28.0	393.37	384.22	377.60	346.35	258.10	202.49	129.73	59.77	56.80	59.16	63.98	69.54	73.92
G 29.0	392.40	382.47	375.76	347.30	259.36	201.12	125.32	57.63	57.18	59.66	65.08	70.72	74.87
G 30.0	391.13	380.77	373.43	347.79	260.62	199.59	120.92	56.09	57.40	60.26	66.18	71.79	75.70
G 31.0	389.16	378.80	370.92	348.01	261.95	197.82	116.62	55.05	57.52	60.95	67.26	72.76	76.40
G 32.0	386.51	376.66	367.19	347.66	263.42	195.88	112.34	54.42	57.60	61.70	68.30	73.65	76.89
G 33.0	383.94	374.01	363.42	346.53	264.73	193.89	107.98	54.18	57.68	62.54	69.29	74.37	77.19
G 34.0	381.22	371.16	359.88	345.16	265.65	191.87	103.48	54.29	57.80	63.40	70.19	74.97	77.32
G 35.0	378.11	368.14	356.41	343.40	266.64	189.81	99.08	54.58	58.01	64.25	70.99	75.44	77.28
G 36.0	374.99	364.19	353.07	341.14	267.36	187.65	94.94	54.95	58.32	65.06	71.73	75.75	77.09
G 37.0	372.73	359.86	349.39	338.42	267.90	185.39	90.94	55.30	58.69	65.86	72.33	75.90	76.74
G 38.0	371.24	355.77	345.50	335.42	268.37	183.02	87.01	55.56	59.11	66.62	72.80	75.93	76.20
G 39.0	369.64	352.29	341.79	331.28	268.91	180.55	83.13	55.73	59.57	67.32	73.19	75.83	75.50
G 40.0	367.53	348.67	337.65	326.79	269.34	177.99	79.42	55.83	60.08	67.95	73.46	75.55	74.71
G 41.0	365.35	344.38	332.92	321.94	269.46	175.39	75.90	55.85	60.63	68.49	73.63	75.13	73.82
G 42.0	362.89	340.43	327.61	316.20	269.42	172.84	72.61	55.81	61.18	68.96	73.71	74.56	72.79
G 43.0	360.42	337.02	322.59	310.42	268.99	170.43	69.54	55.76	61.72	69.37	73.61	73.86	71.67
G 44.0	358.78	333.17	318.25	305.30	267.74	168.03	66.68	55.72	62.29	69.65	73.36	73.05	70.50
G 45.0	357.56	329.37	313.11	300.56	266.14	165.28	64.14	55.70	62.81	69.83	72.97	72.14	69.26
G 46.0	355.05	325.94	306.91	295.79	263.93	161.95	61.92	55.74	63.24	69.90	72.44	71.14	67.98
G 47.0	352.25	321.40	300.81	289.81	261.36	158.43	59.99	55.78	63.60	69.85	71.82	70.09	66.68
G 48.0	349.71	317.18	295.72	283.89	258.33	155.18	58.36	55.84	63.84	69.73	71.10	68.95	65.32
G 49.0	347.77	314.12	290.42	277.81	254.30	152.33	57.04	55.88	64.04	69.52	70.17	67.69	63.82
G 50.0	346.41	312.35	284.96	271.54	249.74	149.58	55.96	55.93	64.16	69.09	69.17	66.42	62.25
G 51.0	345.36	309.46	279.38	265.31	244.77	146.70	54.97	55.99	64.11	68.51	68.13	65.10	60.65
G 52.0	344.13	305.37	273.85	257.87	239.68	143.61	54.12	55.95	63.95	67.84	66.98	63.69	58.99
G 53.0	342.69	300.92	268.90	250.30	234.29	140.33	53.38	55.90	63.72	67.06	65.75	62.20	57.25
G 54.0	341.02	297.73	264.94	243.42	228.14	136.84	52.61	55.78	63.46	66.10	64.51	60.60	55.43
G 55.0	338.59	295.70	261.11	237.05	221.87	133.13	51.93	55.53	63.11	65.02	63.25	58.93	53.55
G 56.0	336.01	292.28	255.16	229.44	215.33	129.20	51.12	55.27	62.38	63.89	61.90	57.19	51.57
G 57.0	333.92	287.33	248.90	220.97	208.42	125.17	50.22	54.73	61.43	62.76	60.40	55.35	49.48
G 58.0	331.85	282.57	243.29	213.41	201.09	121.16	49.30	54.04	60.33	61.46	58.71	53.38	47.28
G 59.0	329.48	276.60	237.29	206.70	192.88	117.07	48.44	53.41	59.10	59.91	56.85	51.28	44.91
G 60.0	327.45	270.47	231.16	198.39	184.34	112.55	47.61	52.59	57.73	58.34	54.88	49.11	42.39
G 61.0	324.40	267.59	224.38	189.24	175.94	107.46	46.54	51.53	56.18	56.77	52.82	46.76	39.72
G 62.0	316.06	263.49	217.36	181.32	167.47	102.43	45.34	50.27	54.62	55.01	50.65	44.19	36.97
G 63.0	309.72	256.62	211.07	175.79	159.16	98.24	44.13	48.97	53.29	53.03	48.29	41.38	34.18
G 64.0	304.24	250.51	205.81	170.34	151.90	94.87	42.84	47.74	51.72	50.90	45.82	38.46	31.36
G 65.0	295.41	247.02	200.65	163.65	144.62	91.48	41.64	46.32	49.62	48.54	43.21	35.49	28.52
G 66.0	285.73	241.97	194.69	158.18	136.94	87.36	40.17	44.57	47.54	46.14	40.18	32.45	25.55
G 67.0	273.58	235.27	189.49	154.73	128.80	82.45	38.29	42.61	45.57	43.57	36.94	29.26	22.35
G 68.0	258.59	227.37	182.28	147.14	120.46	76.88	36.36	40.51	43.21	40.61	33.72	26.13	19.11
G 69.0	244.83	219.51	173.64	139.21	111.19	70.96	34.42	38.35	40.47	37.48	30.40	23.01	16.05
G 70.0	230.46	210.13	165.57	130.41	102.18	65.19	32.67	36.11	37.31	34.17	26.88	19.69	13.32
G 71.0	204.15	196.61	156.64	119.95	93.30	59.90	30.85	33.46	33.94	30.57	23.51	16.41	11.05
G 72.0	172.62	180.09	146.86	110.14	83.65	54.58	28.55	30.10	30.98	26.89	20.37	13.42	9.20

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	306114	Codice	306114	Codice	306114
Nome	GUELL3 300 A50/W 840 GR	Nome	GUELL3 300 A50/W 840 GR	Numero	1
Archivio	Eulumdat	Data	23-06-2017	Posizione	

Flusso Apparecchio	35822.43 lm	Potenza Apparecchio	305.00 W	Efficacia	117.45 lm/W	Rendimento	100.02%
Flusso Lampade	35814.10 lm	Valore Massimo	728.45 cd/klm	Posizione	C=0.00 G=50.00	CG	Simmetrico 0-180

Tabella Intensità Luminose - cd/klm **Tabella 3/6**

	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
G 0.0	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98	217.98
G 1.0	201.95	200.16	198.50	196.98	195.63	194.45	193.46	192.68	192.12	191.78	191.66
G 2.0	182.87	178.74	174.87	171.32	168.14	165.38	163.06	161.23	159.90	159.09	158.82
G 3.0	161.36	154.52	148.13	142.28	137.05	132.53	128.76	125.80	123.67	122.39	121.96
G 4.0	138.00	128.36	119.53	111.66	104.86	99.17	94.59	91.08	88.62	87.17	86.68
G 5.0	113.86	102.22	92.12	83.66	76.83	71.55	67.62	64.85	63.05	62.03	61.70
G 6.0	91.13	79.22	69.92	63.19	58.75	56.03	54.46	53.60	53.17	52.97	52.91
G 7.0	72.21	62.52	56.81	53.96	52.87	52.77	53.12	53.60	54.02	54.29	54.37
G 8.0	59.48	54.44	52.87	53.18	54.25	55.39	56.28	56.84	57.18	57.35	57.40
G 9.0	53.83	52.99	54.25	55.93	57.10	57.75	58.09	58.27	58.37	58.42	58.43
G 10.0	53.17	54.98	56.88	57.88	58.34	58.55	58.66	58.76	58.87	58.95	58.97
G 11.0	55.11	57.25	58.23	58.61	58.81	59.07	59.43	59.81	60.13	60.34	60.41
G 12.0	57.21	58.36	58.76	59.07	59.63	60.35	61.10	61.74	62.24	62.54	62.64
G 13.0	58.31	58.84	59.28	60.13	61.23	62.34	63.34	64.15	64.72	65.07	65.18
G 14.0	58.82	59.33	60.39	61.83	63.32	64.66	65.77	66.64	67.24	67.60	67.71
G 15.0	59.20	60.32	62.04	63.89	65.59	67.03	68.18	69.04	69.62	69.97	70.07
G 16.0	59.94	61.80	63.99	66.07	67.86	69.31	70.41	71.21	71.73	72.04	72.13
G 17.0	61.13	63.57	66.05	68.23	70.01	71.38	72.37	73.07	73.53	73.80	73.87
G 18.0	62.63	65.48	68.10	70.28	71.95	73.18	74.05	74.64	75.03	75.25	75.30
G 19.0	64.33	67.40	70.06	72.12	73.64	74.72	75.46	75.94	76.23	76.37	76.41
G 20.0	66.10	69.28	71.84	73.73	75.08	76.00	76.58	76.90	77.05	77.11	77.11
G 21.0	67.85	71.03	73.42	75.13	76.28	76.98	77.35	77.47	77.45	77.41	77.38
G 22.0	69.54	72.61	74.80	76.31	77.20	77.64	77.72	77.62	77.44	77.30	77.24
G 23.0	71.14	74.01	76.00	77.23	77.82	77.94	77.73	77.40	77.08	76.86	76.75
G 24.0	72.56	75.24	76.98	77.88	78.11	77.90	77.42	76.89	76.42	76.11	75.96
G 25.0	73.84	76.30	77.72	78.24	78.08	77.55	76.83	76.10	75.50	75.09	74.93
G 26.0	74.97	77.14	78.19	78.30	77.77	76.93	75.97	75.07	74.34	73.85	73.70
G 27.0	75.95	77.77	78.39	78.09	77.19	76.06	74.89	73.84	72.99	72.44	72.31
G 28.0	76.75	78.18	78.34	77.60	76.39	75.02	73.64	72.45	71.52	70.94	70.80
G 29.0	77.39	78.35	78.02	76.90	75.40	73.82	72.27	70.97	69.98	69.37	69.21
G 30.0	77.82	78.26	77.50	76.03	74.27	72.50	70.82	69.43	68.39	67.76	67.56
G 31.0	78.02	77.97	76.79	75.02	73.01	71.08	69.30	67.85	66.77	66.11	65.88
G 32.0	78.03	77.49	75.94	73.89	71.67	69.60	67.76	66.25	65.12	64.43	64.19
G 33.0	77.85	76.84	74.94	72.62	70.26	68.08	66.18	64.63	63.46	62.75	62.50
G 34.0	77.45	76.02	73.80	71.25	68.81	66.54	64.58	62.98	61.78	61.06	60.82
G 35.0	76.87	75.08	72.56	69.83	67.32	64.97	62.94	61.30	60.09	59.36	59.13
G 36.0	76.17	74.03	71.25	68.40	65.80	63.37	61.29	59.62	58.40	57.66	57.42
G 37.0	75.36	72.87	69.90	66.97	64.23	61.74	59.63	57.93	56.71	55.96	55.70
G 38.0	74.41	71.61	68.53	65.49	62.61	60.09	57.98	56.27	55.03	54.28	54.01
G 39.0	73.36	70.30	67.12	63.92	60.97	58.43	56.33	54.61	53.38	52.64	52.35
G 40.0	72.21	68.97	65.63	62.29	59.34	56.77	54.67	52.97	51.75	51.02	50.74
G 41.0	70.97	67.61	64.07	60.67	57.71	55.12	53.02	51.35	50.15	49.43	49.15
G 42.0	69.67	66.18	62.47	59.07	56.06	53.46	51.39	49.75	48.56	47.84	47.58
G 43.0	68.36	64.67	60.87	57.44	54.38	51.83	49.79	48.16	46.96	46.24	45.98
G 44.0	67.02	63.10	59.25	55.76	52.70	50.22	48.17	46.54	45.34	44.61	44.34
G 45.0	65.59	61.50	57.60	54.05	51.04	48.58	46.50	44.87	43.67	42.93	42.66
G 46.0	64.07	59.88	55.90	52.35	49.38	46.87	44.78	43.14	41.94	41.19	40.92
G 47.0	62.50	58.23	54.16	50.65	47.66	45.10	43.01	41.37	40.16	39.41	39.14
G 48.0	60.90	56.50	52.41	48.91	45.85	43.27	41.20	39.56	38.36	37.60	37.35
G 49.0	59.26	54.72	50.65	47.08	43.97	41.40	39.35	37.72	36.52	35.77	35.51
G 50.0	57.55	52.91	48.83	45.15	42.04	39.49	37.46	35.83	34.62	33.85	33.58
G 51.0	55.77	51.08	46.90	43.16	40.07	37.54	35.50	33.85	32.59	31.78	31.50
G 52.0	53.92	49.20	44.85	41.13	38.05	35.54	33.46	31.74	30.39	29.52	29.22
G 53.0	52.03	47.21	42.74	39.04	35.98	33.45	31.28	29.43	27.97	27.03	26.71
G 54.0	50.10	45.09	40.59	36.92	33.85	31.24	28.89	26.88	25.31	24.33	24.00
G 55.0	48.07	42.86	38.39	34.73	31.62	28.82	26.25	24.12	22.52	21.56	21.23
G 56.0	45.88	40.55	36.14	32.46	29.21	26.13	23.43	21.30	19.77	18.86	18.55
G 57.0	43.56	38.19	33.82	30.08	26.55	23.29	20.60	18.59	17.17	16.36	16.08
G 58.0	41.11	35.81	31.44	27.49	23.69	20.43	17.91	16.09	14.86	14.17	13.94
G 59.0	38.58	33.38	28.92	24.65	20.79	17.72	15.46	13.92	12.91	12.34	12.16
G 60.0	36.02	30.86	26.17	21.70	18.01	15.27	13.38	12.11	11.29	10.82	10.68
G 61.0	33.47	28.22	23.22	18.83	15.49	13.17	11.63	10.61	9.95	9.56	9.45
G 62.0	30.89	25.38	20.24	16.16	13.31	11.43	10.20	9.37	8.83	8.52	8.41
G 63.0	28.15	22.35	17.41	13.83	11.50	10.00	9.02	8.34	7.89	7.63	7.54
G 64.0	25.22	19.34	14.84	11.87	10.01	8.82	8.02	7.47	7.09	6.86	6.79
G 65.0	22.10	16.50	12.64	10.26	8.80	7.84	7.17	6.71	6.39	6.20	6.14
G 66.0	18.98	13.96	10.82	8.96	7.79	6.99	6.44	6.05	5.79	5.62	5.56
G 67.0	16.06	11.82	9.35	7.88	6.92	6.26	5.81	5.47	5.25	5.11	5.05
G 68.0	13.47	10.07	8.16	6.96	6.16	5.62	5.27	4.96	4.78	4.66	4.60
G 69.0	11.32	8.68	7.15	6.16	5.51	5.05	4.78	4.52	4.37	4.24	4.19
G 70.0	9.57	7.53	6.29	5.47	4.93	4.54	4.31	4.13	4.00	3.87	3.83
G 71.0	8.17	6.56	5.55	4.87	4.41	4.08	3.88	3.79	3.67	3.55	3.51
G 72.0	7.01	5.72	4.90	4.33	3.94	3.67	3.50	3.46	3.37	3.26	3.22

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	306114	Codice	306114	Codice	306114
Nome	GUELL3 300 A50/W 840 GR	Nome	GUELL3 300 A50/W 840 GR	Numero	1
Archivio	Eulumdat	Data	23-06-2017	Posizione	

Flusso Apparecchio	35822.43 lm	Potenza Apparecchio	305.00 W	Efficacia	117.45 lm/W	Rendimento	100.02%
Flusso Lampade	35814.10 lm	Valore Massimo	728.45 cd/klm	Posizione	C=0.00 G=50.00	CG	Simmetrico 0-180

Tabella Intensità Luminose - cd/klm **Tabella 4/6**

	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	43.81	44.88	47.56	51.39	55.45	59.77	64.18	69.24	78.87	101.97	128.18	144.87	159.88
G 74.0	29.90	30.91	33.50	37.39	42.00	47.10	51.94	56.56	61.86	72.91	98.04	119.93	136.01
G 75.0	18.54	19.31	21.32	24.49	28.73	33.99	39.64	45.02	49.91	55.17	69.51	94.96	111.70
G 76.0	11.36	11.83	13.06	15.03	17.92	22.10	27.32	33.34	39.20	43.70	50.78	68.76	89.03
G 77.0	7.41	7.66	8.33	9.41	11.06	13.57	17.05	22.00	28.31	34.11	39.42	47.96	67.17
G 78.0	5.09	5.23	5.60	6.21	7.10	8.46	10.40	13.28	17.99	24.34	30.40	35.38	46.16
G 79.0	3.50	3.59	3.82	4.18	4.70	5.45	6.53	8.08	10.62	15.09	21.54	26.88	31.38
G 80.0	2.42	2.48	2.63	2.85	3.16	3.59	4.20	5.10	6.46	8.80	13.16	19.18	22.62
G 81.0	1.65	1.69	1.79	1.94	2.14	2.41	2.77	3.27	4.06	5.33	7.53	11.42	15.90
G 82.0	1.10	1.12	1.19	1.28	1.41	1.59	1.82	2.11	2.56	3.27	4.42	6.21	9.23
G 83.0	0.69	0.70	0.74	0.80	0.88	1.00	1.14	1.33	1.60	1.99	2.59	3.48	4.69
G 84.0	0.39	0.39	0.41	0.45	0.49	0.57	0.67	0.80	0.96	1.18	1.49	1.92	2.48
G 85.0	0.20	0.20	0.21	0.22	0.24	0.29	0.35	0.43	0.53	0.65	0.80	1.02	1.33
G 86.0	0.12	0.12	0.12	0.13	0.13	0.15	0.18	0.22	0.27	0.33	0.40	0.51	0.66
G 87.0	0.10	0.10	0.10	0.10	0.10	0.11	0.12	0.14	0.16	0.17	0.20	0.25	0.32
G 88.0	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.13	0.13	0.13	0.15	0.17
G 89.0	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.07	0.08	0.08	0.08	0.09
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

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Apparecchio		Rilievo		Lampada	
Codice	306114	Codice	306114	Codice	306114
Nome	GUELL3 300 A50/W 840 GR	Nome	GUELL3 300 A50/W 840 GR	Numero	1
Archivio	Eulumdat	Data	23-06-2017	Posizione	

Flusso Apparecchio	35822.43 lm	Potenza Apparecchio	305.00 W	Efficacia	117.45 lm/W	Rendimento	100.02%
Flusso Lampade	35814.10 lm	Valore Massimo	728.45 cd/klm	Posizione	C=0.00 G=50.00	CG	Simmetrico 0-180

Tabella Intensità Luminose - cd/klm **Tabella 5/6**

	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	153.57	163.69	135.47	99.02	75.97	48.60	26.10	26.51	27.78	23.29	16.99	10.88	7.74
G 74.0	138.03	142.36	120.40	88.71	68.26	42.02	23.24	24.08	24.63	19.84	13.68	8.85	6.56
G 75.0	120.13	117.18	105.28	76.33	56.57	35.68	20.12	21.49	21.28	16.57	10.89	7.30	5.57
G 76.0	98.71	93.26	89.52	64.91	47.60	30.21	17.53	18.74	17.87	13.50	8.54	6.05	4.75
G 77.0	78.24	76.81	74.22	58.30	41.43	25.33	15.15	15.27	14.69	10.63	6.79	5.01	4.03
G 78.0	60.29	63.45	57.82	47.84	31.96	20.54	12.02	13.02	11.84	8.14	5.48	4.18	3.40
G 79.0	42.51	48.03	43.04	38.99	25.93	15.77	10.33	10.54	9.36	6.27	4.35	3.44	2.86
G 80.0	27.05	34.69	34.04	30.66	20.21	11.33	7.88	8.55	6.81	4.73	3.51	2.81	2.38
G 81.0	17.66	23.95	23.72	21.20	14.99	7.53	5.75	6.21	5.23	3.58	2.78	2.30	1.97
G 82.0	12.01	14.22	17.45	15.17	8.62	4.55	3.62	4.77	3.76	2.78	2.20	1.84	1.61
G 83.0	7.05	8.94	10.51	9.78	6.27	2.54	2.78	3.41	2.70	2.09	1.73	1.45	1.29
G 84.0	3.47	5.18	6.01	5.91	3.29	1.42	1.51	2.25	1.90	1.57	1.30	1.12	1.02
G 85.0	1.79	2.45	3.16	2.96	1.64	0.87	0.86	1.50	1.33	1.11	0.94	0.82	0.77
G 86.0	0.87	1.14	1.52	1.50	0.99	0.62	0.57	0.94	0.88	0.75	0.65	0.58	0.55
G 87.0	0.40	0.53	0.70	0.71	0.50	0.49	0.37	0.56	0.54	0.47	0.42	0.38	0.36
G 88.0	0.22	0.28	0.35	0.38	0.24	0.37	0.22	0.34	0.32	0.28	0.25	0.24	0.24
G 89.0	0.11	0.14	0.23	0.32	0.19	0.20	0.14	0.24	0.17	0.14	0.13	0.12	0.12
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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Apparecchio		Rilievo		Lampada	
Codice	306114	Codice	306114	Codice	306114
Nome	GUELL3 300 A50/W 840 GR	Nome	GUELL3 300 A50/W 840 GR	Numero	1
Archivio	Eulumdat	Data	23-06-2017	Posizione	

Flusso Apparecchio	35822.43 lm	Potenza Apparecchio	305.00 W	Efficacia	117.45 lm/W	Rendimento	100.02%
Flusso Lampade	35814.10 lm	Valore Massimo	728.45 cd/klm	Posizione	C=0.00 G=50.00	CG	Simmetrico 0-180

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

	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
G 73.0	6.04	5.01	4.33	3.84	3.52	3.31	3.17	3.16	3.07	2.99	2.95
G 74.0	5.22	4.41	3.81	3.41	3.15	2.98	2.88	2.86	2.79	2.74	2.72
G 75.0	4.53	3.89	3.35	3.03	2.82	2.69	2.61	2.57	2.53	2.50	2.50
G 76.0	3.95	3.41	2.95	2.68	2.52	2.42	2.37	2.33	2.30	2.29	2.29
G 77.0	3.41	2.93	2.59	2.37	2.24	2.18	2.14	2.11	2.11	2.10	2.10
G 78.0	2.89	2.51	2.25	2.09	1.99	1.95	1.93	1.92	1.92	1.91	1.91
G 79.0	2.44	2.15	1.96	1.84	1.77	1.74	1.73	1.73	1.74	1.73	1.73
G 80.0	2.07	1.84	1.70	1.61	1.56	1.54	1.54	1.55	1.55	1.55	1.55
G 81.0	1.73	1.56	1.46	1.39	1.36	1.35	1.35	1.36	1.37	1.38	1.38
G 82.0	1.44	1.31	1.24	1.19	1.17	1.17	1.18	1.19	1.20	1.20	1.20
G 83.0	1.18	1.09	1.04	1.01	1.00	1.00	1.01	1.02	1.03	1.03	1.03
G 84.0	0.94	0.89	0.85	0.84	0.83	0.84	0.85	0.86	0.87	0.87	0.87
G 85.0	0.74	0.70	0.69	0.68	0.68	0.69	0.70	0.70	0.71	0.72	0.72
G 86.0	0.54	0.53	0.54	0.54	0.54	0.55	0.56	0.56	0.57	0.57	0.57
G 87.0	0.37	0.38	0.40	0.40	0.40	0.41	0.42	0.42	0.43	0.43	0.43
G 88.0	0.24	0.26	0.27	0.27	0.27	0.27	0.28	0.28	0.29	0.29	0.29
G 89.0	0.13	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
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

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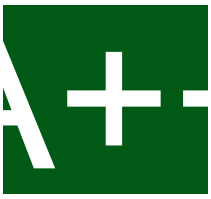
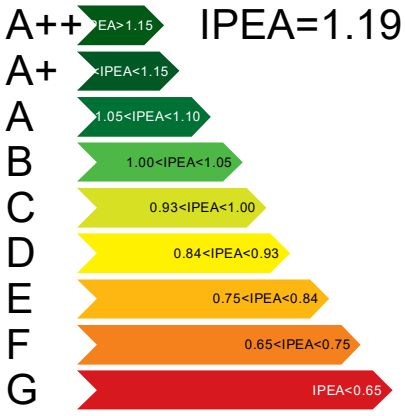
Documento IPEA

Apparecchio

Dati Apparecchio	Operatore
Produttore: SBP	Nome: AYO
Nome: GUELL3 300 A50/W 840 GR	Società: SBP
Sorgente Luminosa: 306114	Data: 23 / 06 / 2017
Applicazione: Stradali (ME)	File : 412490.ldt

Classificazione energetica — IPEA



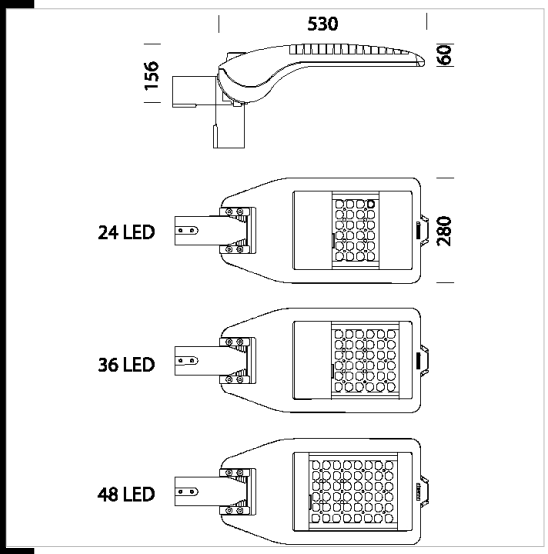


Altri Dati

Sorgente e codice	306114	Caratteristiche sorgente	
Temp.Colore e CRI	Tc:4000 Ra:0	Ottica	
Allegati		Classificazione allegati	
PSU		Affidabilità	
Flusso sorgente	35814.1 lm	Potenza reale	
Flusso Totale	35822.4 lm	Vita sorgente	
LLMF		LSF	
Inquinamento Luminoso		Certificazione	
Prezzo		Garanzia	

ALLEGATO A2

CURVE FOTOMETRICHE APPARECCHIO DISANO MINISTELVIO



3276 Mini Stelvio - asimmetrico

Corpo e telaio: In alluminio pressofuso con una sezione a bassissima superficie di esposizione al vento. Alette di raffreddamento integrate nella copertura. Attacco palo: In alluminio pressofuso è provvisto di ganasce per il bloccaggio dell'armatura secondo diverse inclinazioni. Orientabile da 0° a 15° per applicazione a frusta; e da 0° a 10° per applicazione a testa palo. Passo di inclinazione 5°. Idoneo per pali di diametro 63-60mm. Diffusore: vetro trasparente sp. 4mm temperato resistente agli shock termici e agli urti (UNI-EN 12150-1 : 2001). Verniciatura: il ciclo di verniciatura standard a polvere è composto da una fase di pretrattamento superficiale del metallo e successiva verniciatura a mano singola con polvere poliestere, resistente alla corrosione, alle nebbie saline e stabilizzata ai raggi UV. Dotazione: Dispositivo di controllo della temperatura all'interno dell'apparecchio con ripristino automatico. Dispositivo di protezione conforme alla EN 61547 contro i fenomeni impulsivi atto a proteggere il modulo LED e il relativo alimentatore. Opera in due modalità: - modo differenziale: surge tra i conduttori di alimentazione, ovvero tra il conduttore di fase verso quello di neutro. - modo comune: surge tra i conduttori di alimentazione, L/N, verso la terra o il corpo dell'apparecchio se quest'ultimo è in classe II e se installato su palo metallico. A richiesta: apparecchio in classe II, protezione fino a 10KV. Equipaggiamento: Completo di connettore stagno IP67 per il collegamento alla linea. Sezionatore di serie in doppio isolamento che interrompe l'alimentazione elettrica all'apertura della copertura. Valvola anticondensa per il ricircolo dell'aria. A richiesta: Versione con protezione contro gli impulsi di tensione aumentata. Risparmio: la possibilità di scegliere la corrente di pilotaggio dei LED consente di disporre sempre della potenza adeguata ad una specifica condizione progettuale, semplificando anche l'approccio alle future problematiche di manutenzione ad aggiornamento. La scelta di una corrente più bassa aumenterà l'efficienza e quindi migliorerà il risparmio energetico, mentre una corrente maggiore di pilotaggio otterrà più luce e sarà possibile ridurre il numero degli apparecchi. Ottiche: Sistema a ottiche combinate realizzate in PMMA ad alto rendimento resistente alle alte temperature e ai raggi UV.
Tecnologia LED di ultima generazione Ta-30+40°C vita utile 80%: >100.000h (L80B10). Classificazione rischio fotobiologico: Gruppo di rischio esente
Fattore di potenza >0.9
A richiesta sono disponibili con:
- alimentatori dimmerabili 1-10V, ordinabili con sottocodice 12
- alimentatori dimmerabili DIG, ordinabili con sottocodice 0041
- dispositivo mezzanotte virtuale ordinabili con sottocodice 30
- alimentatori onde convogliate, ordinabili con sottocodice 0078
- Verniciatura conforme alla norma UNI EN ISO 9227 Test di corrosione in atmosfera artificiale per ambienti aggressivi.
NORMATIVA: Prodotti in conformità alle norme EN60598 - CEI 34 - 21. Hanno grado di protezione secondo le norme EN60529.
Superficie di esposizione al vento: L:139cm² F:400cm².

Codice	Cablaggio	Kg	Lumen Output-K-CRI	WTot	Colore	Surge
330370-00	CLD CELL	7.56	LED-5502lm-700mA-4000K-CRI>70	51 W	ANTRACITE	6/8kV
330371-00	CLD CELL	7.88	LED-7718lm-700mA-4000K-CRI>70	76 W	ANTRACITE	6/8kV
330372-00	CLD CELL	7.64	LED-10326lm-700mA-4000K-CRI>70	101 W	ANTRACITE	6/8kV
330480-00	CLD CELL	7.58	LED-2991lm-350mA-4000K-CRI>70	25 W	ANTRACITE	6/8kV
330481-00	CLD CELL	7.92	LED-4488lm-350mA-4000K-CRI70	37 W	ANTRACITE	6/8kV
330482-00	CLD CELL	8.34	LED-5983lm-350mA-4000K-CRI>70	50 W	ANTRACITE	6/8kV
330483-00	CLD CELL	7.94	LED-4380lm-530mA-4000K-CRI>70	39 W	ANTRACITE	6/8kV
330484-00	CLD CELL	7.94	LED-6569lm-530mA-4000K-CRI>70	57 W	ANTRACITE	6/8kV
330485-00	CLD CELL	7.88	LED-8759lm-530mA-4000K-CRI>70	78 W	ANTRACITE	6/8kV
330370-39	CLD CELL	8.20	LED-5117lm-700mA-3000K-CRI>70	52 W	ANTRACITE	6/8kV
330371-39	CLD CELL	8.48	LED-7178lm-700mA-3000K-CRI>70	78 W	ANTRACITE	6/8kV
330372-39	CLD CELL	7.94	LED-9603lm-700mA-3000K-CRI>70	104 W	ANTRACITE	6/8kV
330480-39	CLD CELL	7.60	LED-2782lm-350mA-3000K-CRI>70	17 W	ANTRACITE	6/8kV
330481-39	CLD CELL	8.00	LED-4174lm-350mA-3000K-CRI>70	32 W	ANTRACITE	6/8kV
330482-39	CLD CELL	8.30	LED-5564lm-350mA-3000K-CRI>70	49 W	ANTRACITE	6/8kV
330483-39	CLD CELL	8.00	LED-4073lm-530mA-3000K-CRI>70	25 W	ANTRACITE	6/8kV
330484-39	CLD CELL	8.00	LED-6109lm-530mA-3000K-CRI>70	50 W	ANTRACITE	6/8kV
330485-39	CLD CELL	7.70	LED-8146lm-530mA-3000K-CRI>70	74 W	ANTRACITE	6/8kV

Accessori


- 504 - Braccio singolo


- 508 - Braccio doppio

Pali


- 1508 Palo rigato ø120 con base


- 1509 Palo rigato ø120


- 1491 Palo da interrare


- 1481 palo conico in acciaio da interrare

Il flusso luminoso riportato indica il flusso uscente dall'apparecchio con una tolleranza di ± 10% rispetto al valore indicato. I W tot sono la potenza totale assorbita dal sistema e non supera il 10% del valore indicato.

Download

DXF 2D
- 3276.dxf

3DS
- disano_3276_ministelvio_24led.3ds
- disano_3276_ministelvio_36led.3ds
- disano_3276_ministelvio_48led.3ds

3DM
- disano_3276_ministelvio_48led.3dm
- disano_3276_ministelvio_24led.3dm
- disano_3276_ministelvio_36led.3dm

Montaggi
- stelvio_ministelvio.pdf
- stelvio_ministelvio.pdf

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	3276 36 led 4000K CLD CELL	Codice	CT0195	Codice	Lux_tx_3276_36
Nome	3276 Mini Stelvio - asimmetrico	Nome	3276 Mini Stelvio - asimmetrico	Numero	1
Archivio	Eulumdat	Data	17-12-2018	Posizione	

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

Apparecchio Rettangolare	Lung.	530 mm	Larg.	280 mm	Alt.	156 mm
Area Luminosa Rettangolare	Lung.	254 mm	Larg.	150 mm	Alt.	0 mm

Area Luminosa Orizzontale	0.038100 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°	0.009217 m2

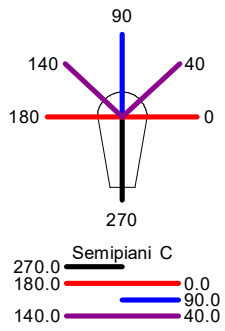
Sistema Coordinate	CG Strade	Tipo di Simmetria	Simmetrico 90-270
Data	17-12-2018	Massimo Angolo Gamma	180
Distanza di rilievo	0.00	Flusso di rilievo	7718.00 lm

Operatore		Tensione di alimentazione [V]	
Temperatura	25.00 °C	Corrente di alimentazione [A]	
Umidità	60.00 %	Fotocellula	
Note			

Lampade Apparecchio

Archivio	Codice	Nome	Flusso [lm]	Pot. [W]	Q.tà
	Lux_tx_3276_36	Lux_tx_3276_36	7718.00	75.60	1

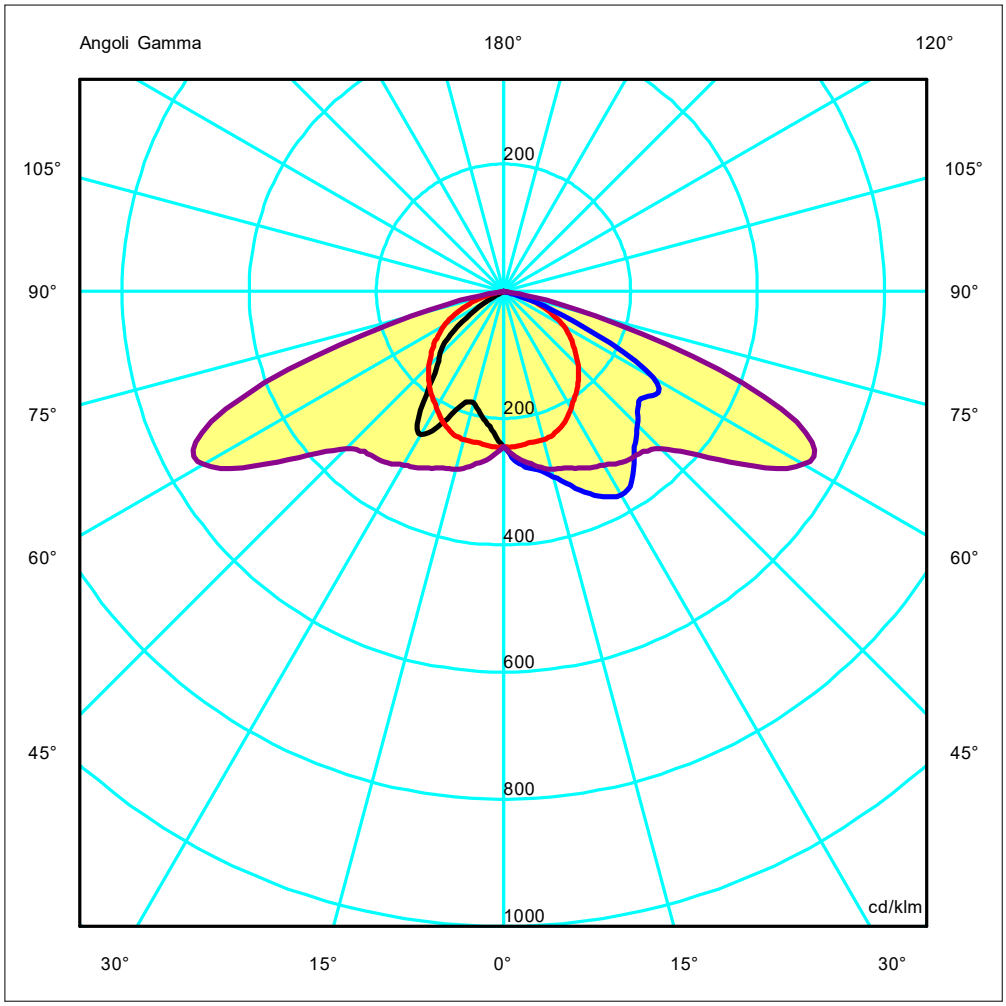
C.I.E.	39 75 97 100 100	D DIN 5040	A20



ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



OxyTech

Apparecchio		Rilievo		Lampada	
Codice	3276 36 led 4000K CLD CELL	Codice	CT0195	Codice	Lux_tx_3276_36
Nome	3276 Mini Stelvio - asimmetrico	Nome	3276 Mini Stelvio - asimmetrico	Numero	1
Archivio	Eulumdat	Data	17-12-2018	Posizione	

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

Tabella Intensità Luminose - cd/klm **Tabella 1/9**

	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	C 325.00	C 330.00
G 0.0	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00
G 1.0	240.00	240.00	240.00	240.00	240.00	240.00	241.00	241.00	241.00	242.00	242.00	242.00	243.00
G 2.0	235.00	235.00	235.00	235.00	235.00	236.00	236.00	236.00	237.00	237.00	238.00	239.00	240.00
G 3.0	229.00	229.00	229.00	230.00	230.00	231.00	231.00	232.00	232.00	233.00	234.00	235.00	236.00
G 4.0	223.00	223.00	223.00	224.00	225.00	226.00	227.00	227.00	228.00	229.00	231.00	232.00	233.00
G 5.0	218.00	219.00	219.00	219.00	220.00	221.00	222.00	223.00	224.00	225.00	226.00	228.00	229.00
G 6.0	214.00	214.00	215.00	215.00	215.00	216.00	217.00	219.00	220.00	221.00	223.00	224.00	226.00
G 7.0	211.00	211.00	210.00	211.00	212.00	212.00	213.00	214.00	215.00	217.00	219.00	221.00	223.00
G 8.0	206.00	207.00	207.00	207.00	207.00	208.00	209.00	210.00	211.00	213.00	214.00	217.00	219.00
G 9.0	203.00	203.00	203.00	203.00	203.00	203.00	204.00	205.00	206.00	208.00	211.00	213.00	216.00
G 10.0	199.00	199.00	199.00	199.00	198.00	199.00	200.00	201.00	202.00	204.00	207.00	209.00	213.00
G 11.0	195.00	195.00	196.00	195.00	194.00	194.00	195.00	196.00	198.00	200.00	203.00	206.00	209.00
G 12.0	191.00	192.00	192.00	192.00	191.00	190.00	191.00	192.00	194.00	198.00	199.00	203.00	206.00
G 13.0	188.00	188.00	188.00	188.00	187.00	187.00	188.00	189.00	193.00	195.00	197.00	199.00	203.00
G 14.0	185.00	185.00	185.00	185.00	184.00	184.00	185.00	187.00	191.00	194.00	194.00	196.00	201.00
G 15.0	182.00	182.00	181.00	182.00	181.00	181.00	183.00	184.00	188.00	191.00	191.00	194.00	199.00
G 16.0	181.00	180.00	180.00	180.00	179.00	180.00	182.00	183.00	185.00	188.00	189.00	191.00	196.00
G 17.0	181.00	180.00	179.00	179.00	179.00	179.00	180.00	181.00	183.00	185.00	186.00	188.00	193.00
G 18.0	182.00	182.00	180.00	180.00	180.00	179.00	179.00	180.00	182.00	183.00	183.00	186.00	189.00
G 19.0	185.00	185.00	183.00	182.00	182.00	180.00	180.00	179.00	181.00	182.00	181.00	184.00	186.00
G 20.0	190.00	190.00	188.00	186.00	184.00	183.00	181.00	179.00	180.00	180.00	180.00	181.00	184.00
G 21.0	195.00	195.00	194.00	190.00	188.00	185.00	182.00	180.00	179.00	179.00	177.00	179.00	182.00
G 22.0	202.00	202.00	200.00	196.00	193.00	189.00	184.00	180.00	178.00	177.00	175.00	177.00	180.00
G 23.0	211.00	211.00	208.00	203.00	199.00	194.00	187.00	182.00	178.00	174.00	173.00	175.00	179.00
G 24.0	220.00	220.00	216.00	210.00	205.00	198.00	191.00	184.00	178.00	173.00	171.00	173.00	176.00
G 25.0	228.00	228.00	224.00	217.00	210.00	203.00	195.00	186.00	178.00	172.00	169.00	171.00	174.00
G 26.0	238.00	236.00	232.00	224.00	217.00	208.00	198.00	188.00	179.00	171.00	168.00	170.00	172.00
G 27.0	246.00	245.00	240.00	232.00	223.00	213.00	202.00	191.00	179.00	171.00	167.00	168.00	171.00
G 28.0	252.00	251.00	247.00	238.00	229.00	218.00	207.00	194.00	179.00	170.00	166.00	167.00	169.00
G 29.0	257.00	256.00	252.00	244.00	235.00	224.00	212.00	197.00	181.00	170.00	165.00	165.00	168.00
G 30.0	260.00	259.00	255.00	249.00	240.00	230.00	215.00	199.00	183.00	170.00	164.00	163.00	166.00
G 31.0	260.00	260.00	257.00	251.00	244.00	233.00	220.00	203.00	185.00	171.00	163.00	161.00	163.00
G 32.0	257.00	257.00	256.00	252.00	245.00	236.00	223.00	206.00	187.00	172.00	162.00	159.00	161.00
G 33.0	250.00	251.00	252.00	250.00	245.00	237.00	226.00	209.00	189.00	173.00	161.00	157.00	158.00
G 34.0	241.00	242.00	245.00	245.00	242.00	237.00	228.00	213.00	192.00	173.00	160.00	154.00	155.00
G 35.0	229.00	231.00	235.00	238.00	238.00	235.00	228.00	216.00	195.00	174.00	160.00	152.00	152.00
G 36.0	215.00	218.00	223.00	227.00	230.00	229.00	227.00	217.00	197.00	176.00	159.00	151.00	149.00
G 37.0	202.00	204.00	210.00	216.00	220.00	223.00	224.00	217.00	199.00	177.00	159.00	149.00	147.00
G 38.0	189.00	191.00	198.00	204.00	209.00	215.00	220.00	216.00	200.00	179.00	160.00	148.00	144.00
G 39.0	177.00	179.00	187.00	192.00	197.00	205.00	213.00	213.00	200.00	180.00	160.00	146.00	141.00
G 40.0	168.00	169.00	176.00	181.00	186.00	195.00	206.00	208.00	198.00	180.00	161.00	145.00	138.00
G 41.0	161.00	161.00	166.00	172.00	175.00	185.00	197.00	203.00	196.00	180.00	162.00	145.00	136.00
G 42.0	155.00	155.00	159.00	163.00	167.00	176.00	188.00	195.00	191.00	179.00	162.00	145.00	134.00
G 43.0	150.00	150.00	153.00	156.00	160.00	167.00	178.00	187.00	186.00	177.00	162.00	145.00	132.00
G 44.0	147.00	146.00	148.00	150.00	154.00	160.00	170.00	179.00	180.00	175.00	162.00	145.00	131.00
G 45.0	143.00	142.00	143.00	145.00	149.00	154.00	162.00	170.00	174.00	171.00	160.00	144.00	129.00
G 46.0	139.00	138.00	137.00	140.00	144.00	150.00	155.00	162.00	168.00	168.00	158.00	143.00	128.00
G 47.0	134.00	133.00	131.00	135.00	140.00	145.00	149.00	155.00	162.00	163.00	156.00	142.00	126.00
G 48.0	129.00	127.00	126.00	129.00	135.00	140.00	143.00	148.00	155.00	158.00	152.00	141.00	126.00
G 49.0	123.00	120.00	119.00	123.00	130.00	134.00	137.00	142.00	149.00	152.00	148.00	139.00	125.00
G 50.0	115.00	113.00	112.00	116.00	123.00	128.00	130.00	135.00	143.00	147.00	145.00	137.00	124.00
G 51.0	108.00	106.00	105.00	108.00	116.00	121.00	124.00	129.00	137.00	141.00	140.00	135.00	123.00
G 52.0	99.00	98.00	98.00	100.00	108.00	113.00	116.00	122.00	130.00	135.00	135.00	131.00	122.00
G 53.0	91.00	90.00	90.00	92.00	100.00	106.00	109.00	115.00	123.00	129.00	129.00	128.00	120.00
G 54.0	82.00	82.00	82.00	84.00	91.00	97.00	101.00	107.00	116.00	122.00	124.00	124.00	118.00
G 55.0	72.00	73.00	74.00	76.00	82.00	87.00	92.00	99.00	109.00	115.00	118.00	119.00	115.00
G 56.0	63.00	64.00	65.00	67.00	73.00	78.00	84.00	91.00	101.00	108.00	112.00	114.00	112.00
G 57.0	54.00	55.00	56.00	58.00	64.00	69.00	75.00	82.00	93.00	101.00	105.00	108.00	109.00
G 58.0	46.00	46.00	47.00	49.00	55.00	60.00	66.00	74.00	84.00	93.00	98.00	103.00	105.00
G 59.0	37.00	38.00	39.00	41.00	47.00	52.00	57.00	65.00	76.00	85.00	91.00	97.00	100.00
G 60.0	30.00	31.00	32.00	33.00	39.00	44.00	49.00	56.00	67.00	77.00	83.00	90.00	95.00
G 61.0	23.00	24.00	25.00	27.00	32.00	36.00	40.00	48.00	59.00	68.00	76.00	84.00	89.00
G 62.0	17.00	18.00	19.00	21.00	25.00	29.00	33.00	41.00	51.00	60.00	68.00	77.00	83.00
G 63.0	12.00	13.00	14.00	16.00	19.00	23.00	27.00	33.00	43.00	52.00	61.00	70.00	77.00
G 64.0	9.00	9.00	10.00	11.00	14.00	17.00	21.00	27.00	35.00	44.00	53.00	63.00	70.00
G 65.0	6.00	7.00	7.00	8.00	10.00	13.00	16.00	21.00	28.00	37.00	46.00	55.00	63.00
G 66.0	4.00	4.00	5.00	6.00	7.00	9.00	12.00	16.00	22.00	30.00	39.00	49.00	56.00
G 67.0	3.00	3.00	3.00	4.00	5.00	6.00	9.00	12.00	17.00	24.00	33.00	42.00	49.00
G 68.0	2.00	2.00	2.00	2.00	3.00	4.00	6.00	9.00	13.00	19.00	27.00	35.00	42.00
G 69.0	1.00	1.00	1.00	2.00	2.00	3.00	4.00	6.00	10.00	15.00	22.00	29.00	35.00
G 70.0	1.00	1.00	1.00	1.00	1.00	2.00	3.00	4.00	7.00	11.00	17.00	23.00	29.00
G 71.0	1.00	1.00	1.00	1.00	1.00	1.00	2.00	3.00	5.00	8.00	13.00	18.00	23.00
G 72.0	0.00	0.00	0.00	0.00	1.00	1.00	1.00	2.00	3.00	6.00	10.00	14.00	18.00

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	3276 36 led 4000K CLD CELL	Codice	CT0195	Codice	Lux_tx_3276_36
Nome	3276 Mini Stelvio - asimmetrico	Nome	3276 Mini Stelvio - asimmetrico	Numero	1
Archivio	Eulumdat	Data	17-12-2018	Posizione	

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

Tabella Intensità Luminose - cd/klm **Tabella 2/9**

	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00
G 0.0	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00
G 1.0	243.00	243.00	244.00	244.00	245.00	245.00	246.00	246.00	247.00	247.00	247.00	248.00	248.00
G 2.0	241.00	241.00	243.00	244.00	245.00	246.00	247.00	248.00	248.00	249.00	250.00	251.00	252.00
G 3.0	237.00	239.00	241.00	242.00	244.00	245.00	247.00	249.00	250.00	251.00	253.00	254.00	255.00
G 4.0	234.00	236.00	238.00	240.00	243.00	245.00	247.00	250.00	251.00	253.00	255.00	257.00	258.00
G 5.0	231.00	233.00	236.00	238.00	242.00	245.00	247.00	251.00	253.00	255.00	258.00	259.00	261.00
G 6.0	228.00	230.00	233.00	237.00	241.00	244.00	248.00	252.00	255.00	258.00	260.00	263.00	265.00
G 7.0	226.00	228.00	232.00	235.00	239.00	244.00	247.00	252.00	256.00	259.00	263.00	266.00	268.00
G 8.0	223.00	226.00	230.00	234.00	239.00	243.00	247.00	252.00	256.00	261.00	264.00	268.00	271.00
G 9.0	219.00	224.00	229.00	233.00	238.00	242.00	247.00	253.00	257.00	262.00	265.00	270.00	273.00
G 10.0	217.00	222.00	227.00	233.00	237.00	242.00	247.00	252.00	258.00	263.00	267.00	272.00	276.00
G 11.0	214.00	219.00	226.00	231.00	236.00	241.00	247.00	253.00	259.00	264.00	270.00	274.00	278.00
G 12.0	211.00	217.00	223.00	229.00	235.00	241.00	248.00	254.00	260.00	266.00	272.00	276.00	280.00
G 13.0	209.00	215.00	221.00	228.00	234.00	241.00	248.00	255.00	261.00	267.00	273.00	278.00	282.00
G 14.0	206.00	212.00	219.00	226.00	234.00	241.00	248.00	255.00	262.00	268.00	273.00	278.00	284.00
G 15.0	203.00	209.00	217.00	225.00	234.00	241.00	248.00	255.00	262.00	268.00	274.00	279.00	285.00
G 16.0	201.00	207.00	214.00	223.00	233.00	241.00	247.00	254.00	261.00	268.00	275.00	279.00	286.00
G 17.0	198.00	204.00	212.00	221.00	232.00	240.00	247.00	254.00	261.00	268.00	274.00	280.00	287.00
G 18.0	195.00	202.00	210.00	220.00	230.00	240.00	247.00	254.00	261.00	267.00	274.00	280.00	288.00
G 19.0	193.00	199.00	208.00	218.00	228.00	239.00	246.00	253.00	260.00	266.00	273.00	280.00	288.00
G 20.0	189.00	197.00	206.00	216.00	226.00	237.00	245.00	253.00	260.00	266.00	273.00	280.00	288.00
G 21.0	186.00	194.00	204.00	214.00	225.00	235.00	244.00	253.00	260.00	266.00	273.00	281.00	290.00
G 22.0	184.00	192.00	201.00	211.00	222.00	234.00	244.00	254.00	260.00	267.00	274.00	281.00	291.00
G 23.0	182.00	190.00	199.00	209.00	220.00	232.00	242.00	253.00	260.00	268.00	275.00	282.00	291.00
G 24.0	180.00	188.00	196.00	205.00	218.00	229.00	241.00	253.00	260.00	268.00	276.00	283.00	293.00
G 25.0	178.00	185.00	193.00	202.00	215.00	227.00	240.00	252.00	260.00	270.00	277.00	285.00	295.00
G 26.0	176.00	183.00	190.00	199.00	211.00	224.00	237.00	251.00	261.00	270.00	279.00	287.00	297.00
G 27.0	174.00	181.00	188.00	196.00	208.00	221.00	235.00	250.00	261.00	270.00	281.00	290.00	299.00
G 28.0	173.00	179.00	185.00	192.00	205.00	218.00	232.00	249.00	261.00	271.00	283.00	292.00	302.00
G 29.0	172.00	176.00	182.00	189.00	200.00	215.00	230.00	248.00	260.00	272.00	284.00	294.00	304.00
G 30.0	170.00	174.00	178.00	186.00	196.00	212.00	227.00	246.00	260.00	273.00	285.00	295.00	305.00
G 31.0	167.00	171.00	175.00	182.00	193.00	208.00	226.00	244.00	259.00	273.00	286.00	296.00	307.00
G 32.0	164.00	168.00	172.00	178.00	189.00	205.00	224.00	243.00	259.00	273.00	286.00	297.00	309.00
G 33.0	161.00	164.00	168.00	175.00	186.00	203.00	222.00	242.00	257.00	273.00	287.00	298.00	310.00
G 34.0	157.00	161.00	165.00	172.00	183.00	200.00	220.00	239.00	256.00	272.00	286.00	299.00	312.00
G 35.0	154.00	159.00	162.00	169.00	181.00	198.00	218.00	237.00	254.00	270.00	285.00	299.00	313.00
G 36.0	151.00	155.00	159.00	166.00	178.00	195.00	215.00	235.00	252.00	269.00	285.00	300.00	313.00
G 37.0	148.00	152.00	156.00	163.00	175.00	192.00	213.00	232.00	250.00	267.00	284.00	300.00	314.00
G 38.0	145.00	148.00	153.00	161.00	172.00	189.00	210.00	230.00	248.00	266.00	283.00	300.00	314.00
G 39.0	141.00	145.00	150.00	158.00	170.00	186.00	207.00	228.00	246.00	264.00	282.00	300.00	314.00
G 40.0	138.00	141.00	148.00	156.00	167.00	183.00	204.00	224.00	242.00	262.00	280.00	299.00	315.00
G 41.0	134.00	138.00	144.00	152.00	164.00	180.00	201.00	221.00	240.00	260.00	280.00	299.00	315.00
G 42.0	131.00	134.00	141.00	149.00	160.00	176.00	197.00	218.00	238.00	258.00	278.00	298.00	316.00
G 43.0	127.00	130.00	137.00	145.00	156.00	173.00	194.00	216.00	237.00	256.00	276.00	297.00	319.00
G 44.0	124.00	125.00	133.00	141.00	152.00	170.00	191.00	214.00	235.00	254.00	275.00	298.00	322.00
G 45.0	120.00	121.00	129.00	137.00	149.00	166.00	188.00	211.00	233.00	253.00	274.00	299.00	325.00
G 46.0	117.00	117.00	124.00	133.00	145.00	162.00	185.00	209.00	231.00	252.00	273.00	300.00	330.00
G 47.0	114.00	114.00	120.00	129.00	141.00	158.00	182.00	207.00	229.00	252.00	274.00	302.00	335.00
G 48.0	112.00	111.00	116.00	125.00	138.00	155.00	179.00	204.00	227.00	251.00	273.00	304.00	342.00
G 49.0	111.00	108.00	112.00	122.00	134.00	151.00	176.00	201.00	225.00	249.00	274.00	309.00	352.00
G 50.0	110.00	105.00	109.00	119.00	130.00	148.00	172.00	198.00	223.00	248.00	277.00	315.00	362.00
G 51.0	109.00	103.00	106.00	115.00	126.00	144.00	168.00	194.00	220.00	247.00	280.00	323.00	374.00
G 52.0	109.00	102.00	102.00	112.00	123.00	140.00	164.00	190.00	217.00	245.00	283.00	332.00	389.00
G 53.0	109.00	100.00	99.00	108.00	119.00	137.00	160.00	186.00	213.00	244.00	287.00	343.00	404.00
G 54.0	108.00	99.00	96.00	104.00	116.00	133.00	156.00	182.00	209.00	243.00	293.00	355.00	422.00
G 55.0	108.00	98.00	93.00	100.00	112.00	128.00	152.00	178.00	206.00	243.00	300.00	370.00	439.00
G 56.0	106.00	96.00	90.00	96.00	109.00	124.00	148.00	174.00	203.00	244.00	308.00	385.00	457.00
G 57.0	105.00	95.00	87.00	92.00	104.00	121.00	145.00	171.00	200.00	247.00	319.00	401.00	475.00
G 58.0	102.00	93.00	85.00	89.00	100.00	117.00	141.00	168.00	199.00	251.00	331.00	419.00	491.00
G 59.0	99.00	91.00	82.00	85.00	96.00	113.00	137.00	164.00	199.00	258.00	344.00	437.00	505.00
G 60.0	96.00	89.00	80.00	82.00	92.00	109.00	134.00	161.00	199.00	264.00	358.00	455.00	519.00
G 61.0	92.00	86.00	77.00	78.00	88.00	105.00	130.00	158.00	200.00	272.00	374.00	472.00	531.00
G 62.0	87.00	83.00	75.00	74.00	83.00	100.00	126.00	155.00	202.00	281.00	389.00	486.00	539.00
G 63.0	81.00	79.00	72.00	70.00	78.00	96.00	121.00	151.00	203.00	289.00	403.00	498.00	543.00
G 64.0	75.00	74.00	69.00	66.00	73.00	90.00	116.00	147.00	204.00	297.00	413.00	505.00	542.00
G 65.0	68.00	69.00	65.00	62.00	67.00	85.00	111.00	143.00	204.00	302.00	420.00	506.00	535.00
G 66.0	61.00	63.00	61.00	58.00	62.00	79.00	105.00	139.00	203.00	303.00	420.00	499.00	521.00
G 67.0	54.00	58.00	57.00	55.00	57.00	74.00	100.00	134.00	200.00	302.00	415.00	486.00	499.00
G 68.0	47.00	52.00	53.00	51.00	53.00	69.00	94.00	129.00	197.00	299.00	405.00	466.00	471.00
G 69.0	40.00	46.00	49.00	47.00	48.00	63.00	88.00	125.00	194.00	294.00	390.00	438.00	436.00
G 70.0	34.00	40.00	44.00	43.00	44.00	58.00	83.00	122.00	191.00	286.00	372.00	407.00	396.00
G 71.0	28.00	35.00	40.00	39.00	40.00	53.00	79.00	118.00	187.00	277.00	350.00	373.00	353.00
G 72.0	23.00	29.00	36.00	36.00	35.00	48.00	74.00	115.00	182.00	265.00	325.00	337.00	309.00

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	3276 36 led 4000K CLD CELL	Codice	CT0195	Codice	Lux_tx_3276_36
Nome	3276 Mini Stelvio - asimmetrico	Nome	3276 Mini Stelvio - asimmetrico	Numero	1
Archivio	Eulumdat	Data	17-12-2018	Posizione	

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

Tabella Intensità Luminose - cd/klm **Tabella 3/9**

	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00
G 0.0	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00	245.00
G 1.0	249.00	249.00	249.00	249.00	250.00	250.00	250.00	250.00	250.00	250.00	250.00
G 2.0	253.00	253.00	254.00	254.00	255.00	255.00	255.00	256.00	256.00	256.00	256.00
G 3.0	256.00	257.00	258.00	259.00	259.00	260.00	260.00	261.00	262.00	262.00	262.00
G 4.0	260.00	261.00	261.00	263.00	264.00	265.00	265.00	266.00	267.00	267.00	267.00
G 5.0	263.00	265.00	265.00	267.00	268.00	269.00	270.00	271.00	271.00	272.00	272.00
G 6.0	267.00	268.00	269.00	270.00	271.00	272.00	273.00	274.00	275.00	275.00	275.00
G 7.0	269.00	270.00	272.00	273.00	274.00	276.00	277.00	277.00	278.00	278.00	279.00
G 8.0	272.00	273.00	274.00	276.00	279.00	279.00	280.00	281.00	281.00	281.00	281.00
G 9.0	275.00	277.00	278.00	280.00	282.00	283.00	283.00	283.00	283.00	282.00	283.00
G 10.0	278.00	281.00	282.00	283.00	284.00	286.00	286.00	285.00	284.00	284.00	284.00
G 11.0	281.00	283.00	284.00	285.00	286.00	288.00	288.00	288.00	287.00	286.00	286.00
G 12.0	283.00	287.00	287.00	288.00	289.00	290.00	291.00	291.00	290.00	289.00	289.00
G 13.0	286.00	288.00	290.00	290.00	292.00	293.00	292.00	293.00	293.00	294.00	293.00
G 14.0	289.00	291.00	292.00	293.00	294.00	295.00	296.00	295.00	296.00	298.00	298.00
G 15.0	290.00	293.00	294.00	296.00	297.00	298.00	299.00	299.00	300.00	302.00	302.00
G 16.0	291.00	294.00	297.00	298.00	299.00	302.00	303.00	303.00	303.00	305.00	306.00
G 17.0	292.00	296.00	300.00	301.00	302.00	306.00	307.00	308.00	308.00	310.00	311.00
G 18.0	293.00	298.00	302.00	304.00	305.00	309.00	312.00	312.00	313.00	315.00	318.00
G 19.0	294.00	300.00	303.00	306.00	308.00	312.00	316.00	318.00	319.00	321.00	323.00
G 20.0	296.00	302.00	305.00	309.00	311.00	315.00	320.00	323.00	325.00	327.00	330.00
G 21.0	298.00	305.00	309.00	312.00	315.00	318.00	324.00	329.00	330.00	334.00	336.00
G 22.0	301.00	308.00	311.00	315.00	318.00	322.00	329.00	333.00	336.00	339.00	341.00
G 23.0	302.00	310.00	315.00	319.00	323.00	326.00	333.00	338.00	342.00	344.00	346.00
G 24.0	304.00	312.00	317.00	323.00	327.00	330.00	337.00	343.00	347.00	349.00	351.00
G 25.0	307.00	314.00	320.00	325.00	331.00	335.00	341.00	348.00	352.00	353.00	355.00
G 26.0	309.00	317.00	324.00	329.00	334.00	339.00	345.00	352.00	357.00	358.00	359.00
G 27.0	311.00	319.00	326.00	333.00	338.00	344.00	350.00	356.00	361.00	362.00	362.00
G 28.0	313.00	322.00	328.00	336.00	342.00	350.00	355.00	360.00	364.00	365.00	366.00
G 29.0	314.00	324.00	331.00	338.00	346.00	354.00	359.00	364.00	366.00	368.00	369.00
G 30.0	316.00	326.00	334.00	341.00	350.00	359.00	363.00	366.00	368.00	369.00	370.00
G 31.0	318.00	329.00	337.00	346.00	354.00	362.00	366.00	368.00	369.00	370.00	370.00
G 32.0	321.00	332.00	341.00	351.00	360.00	364.00	367.00	368.00	368.00	368.00	368.00
G 33.0	324.00	335.00	346.00	355.00	363.00	366.00	366.00	367.00	366.00	365.00	366.00
G 34.0	326.00	338.00	350.00	359.00	366.00	367.00	364.00	363.00	362.00	361.00	360.00
G 35.0	327.00	342.00	355.00	363.00	368.00	367.00	361.00	359.00	357.00	355.00	353.00
G 36.0	329.00	346.00	359.00	367.00	368.00	365.00	358.00	353.00	352.00	349.00	347.00
G 37.0	330.00	349.00	362.00	369.00	367.00	362.00	353.00	348.00	346.00	342.00	340.00
G 38.0	331.00	351.00	365.00	370.00	366.00	358.00	348.00	342.00	339.00	334.00	332.00
G 39.0	332.00	353.00	368.00	372.00	364.00	355.00	343.00	338.00	334.00	328.00	326.00
G 40.0	333.00	355.00	370.00	374.00	363.00	352.00	340.00	334.00	329.00	323.00	320.00
G 41.0	334.00	357.00	372.00	375.00	363.00	350.00	338.00	332.00	326.00	318.00	316.00
G 42.0	338.00	359.00	374.00	376.00	364.00	350.00	339.00	332.00	324.00	315.00	312.00
G 43.0	340.00	363.00	378.00	379.00	367.00	352.00	342.00	333.00	323.00	312.00	307.00
G 44.0	344.00	367.00	382.00	382.00	371.00	356.00	345.00	335.00	322.00	309.00	302.00
G 45.0	351.00	374.00	387.00	387.00	376.00	361.00	349.00	338.00	322.00	306.00	298.00
G 46.0	358.00	381.00	393.00	392.00	382.00	369.00	355.00	342.00	323.00	303.00	294.00
G 47.0	367.00	389.00	400.00	400.00	390.00	377.00	363.00	347.00	325.00	300.00	289.00
G 48.0	376.00	397.00	408.00	408.00	399.00	385.00	369.00	352.00	326.00	297.00	284.00
G 49.0	388.00	407.00	418.00	417.00	406.00	393.00	377.00	358.00	328.00	294.00	280.00
G 50.0	401.00	419.00	427.00	426.00	416.00	402.00	384.00	364.00	331.00	292.00	277.00
G 51.0	415.00	431.00	438.00	436.00	424.00	408.00	393.00	372.00	336.00	293.00	274.00
G 52.0	430.00	445.00	451.00	447.00	433.00	415.00	402.00	381.00	343.00	296.00	274.00
G 53.0	446.00	460.00	464.00	459.00	441.00	424.00	411.00	393.00	352.00	300.00	277.00
G 54.0	463.00	474.00	478.00	470.00	449.00	432.00	422.00	406.00	362.00	305.00	281.00
G 55.0	480.00	489.00	491.00	480.00	456.00	440.00	434.00	418.00	372.00	312.00	286.00
G 56.0	497.00	504.00	503.00	487.00	461.00	447.00	444.00	431.00	381.00	317.00	289.00
G 57.0	512.00	518.00	514.00	494.00	465.00	452.00	453.00	441.00	387.00	320.00	291.00
G 58.0	526.00	531.00	521.00	497.00	465.00	454.00	458.00	447.00	390.00	318.00	289.00
G 59.0	537.00	539.00	526.00	496.00	464.00	453.00	459.00	447.00	387.00	312.00	282.00
G 60.0	545.00	544.00	527.00	492.00	459.00	449.00	455.00	441.00	376.00	300.00	271.00
G 61.0	551.00	544.00	522.00	483.00	450.00	441.00	444.00	428.00	361.00	283.00	255.00
G 62.0	553.00	539.00	512.00	469.00	435.00	426.00	427.00	408.00	339.00	261.00	235.00
G 63.0	549.00	530.00	496.00	452.00	419.00	406.00	404.00	382.00	313.00	238.00	211.00
G 64.0	540.00	514.00	475.00	429.00	395.00	381.00	375.00	351.00	285.00	212.00	186.00
G 65.0	525.00	493.00	450.00	403.00	370.00	353.00	343.00	319.00	256.00	187.00	161.00
G 66.0	504.00	466.00	419.00	373.00	340.00	322.00	309.00	284.00	226.00	162.00	138.00
G 67.0	475.00	433.00	385.00	340.00	309.00	291.00	275.00	250.00	197.00	139.00	118.00
G 68.0	442.00	396.00	348.00	306.00	276.00	258.00	241.00	218.00	171.00	118.00	99.00
G 69.0	403.00	354.00	309.00	270.00	243.00	226.00	208.00	187.00	147.00	100.00	83.00
G 70.0	360.00	312.00	270.00	235.00	211.00	195.00	177.00	157.00	123.00	84.00	68.00
G 71.0	315.00	270.00	231.00	200.00	180.00	165.00	148.00	130.00	102.00	69.00	55.00
G 72.0	270.00	228.00	194.00	168.00	151.00	137.00	123.00	106.00	82.00	55.00	44.00

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	3276 36 led 4000K CLD CELL	Codice	CT0195	Codice	Lux_tx_3276_36
Nome	3276 Mini Stelvio - asimmetrico	Nome	3276 Mini Stelvio - asimmetrico	Numero	1
Archivio	Eulumdat	Data	17-12-2018	Posizione	

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

Tabella Intensità Luminose - cd/klm **Tabella 4/9**

	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	C 325.00	C 330.00
G 73.0	0.00	0.00	0.00	0.00	1.00	1.00	1.00	1.00	2.00	4.00	7.00	11.00	14.00
G 74.0	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	2.00	3.00	6.00	8.00	11.00
G 75.0	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	2.00	4.00	6.00	8.00
G 76.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	3.00	5.00	6.00
G 77.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	2.00	3.00	5.00
G 78.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	3.00	3.00
G 79.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	2.00	2.00
G 80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	2.00	2.00
G 81.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00
G 82.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00
G 83.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00
G 84.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 86.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 87.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 88.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 89.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	3276 36 led 4000K CLD CELL	Codice	CT0195	Codice	Lux_tx_3276_36
Nome	3276 Mini Stelvio - asimmetrico	Nome	3276 Mini Stelvio - asimmetrico	Numero	1
Archivio	Eulumdat	Data	17-12-2018	Posizione	

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

Tabella Intensità Luminose - cd/klm **Tabella 5/9**

	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00
G 73.0	18.00	24.00	31.00	32.00	31.00	43.00	69.00	111.00	176.00	251.00	298.00	299.00	267.00
G 74.0	14.00	20.00	26.00	28.00	28.00	38.00	64.00	107.00	170.00	235.00	271.00	262.00	227.00
G 75.0	11.00	16.00	22.00	24.00	24.00	34.00	60.00	101.00	161.00	216.00	242.00	226.00	189.00
G 76.0	9.00	12.00	18.00	20.00	21.00	30.00	54.00	94.00	149.00	197.00	213.00	192.00	155.00
G 77.0	6.00	9.00	14.00	16.00	17.00	25.00	48.00	86.00	133.00	174.00	183.00	161.00	125.00
G 78.0	5.00	7.00	10.00	13.00	14.00	21.00	42.00	75.00	116.00	149.00	154.00	131.00	99.00
G 79.0	3.00	5.00	8.00	10.00	11.00	17.00	35.00	64.00	98.00	123.00	125.00	105.00	76.00
G 80.0	2.00	3.00	5.00	7.00	8.00	13.00	29.00	53.00	80.00	99.00	99.00	81.00	57.00
G 81.0	2.00	2.00	4.00	5.00	6.00	10.00	23.00	42.00	62.00	76.00	75.00	61.00	41.00
G 82.0	1.00	1.00	2.00	4.00	5.00	8.00	17.00	32.00	47.00	56.00	55.00	43.00	28.00
G 83.0	1.00	1.00	2.00	3.00	3.00	5.00	13.00	23.00	33.00	39.00	38.00	30.00	18.00
G 84.0	0.00	0.00	1.00	2.00	2.00	4.00	9.00	16.00	22.00	26.00	25.00	19.00	11.00
G 85.0	0.00	0.00	1.00	1.00	1.00	2.00	6.00	10.00	14.00	16.00	15.00	12.00	7.00
G 86.0	0.00	0.00	0.00	1.00	1.00	1.00	4.00	7.00	9.00	10.00	9.00	7.00	4.00
G 87.0	0.00	0.00	0.00	0.00	0.00	1.00	2.00	4.00	5.00	6.00	5.00	4.00	2.00
G 88.0	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	3.00	3.00	3.00	2.00	1.00
G 89.0	0.00	0.00	0.00	0.00	0.00	0.00	1.00	1.00	1.00	2.00	1.00	1.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	3276 36 led 4000K CLD CELL	Codice	CT0195	Codice	Lux_tx_3276_36
Nome	3276 Mini Stelvio - asimmetrico	Nome	3276 Mini Stelvio - asimmetrico	Numero	1
Archivio	Eulumdat	Data	17-12-2018	Posizione	

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

Tabella Intensità Luminose - cd/klm **Tabella 6/9**

	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00
G 73.0	228.00	188.00	159.00	138.00	124.00	112.00	99.00	84.00	65.00	43.00	34.00
G 74.0	188.00	152.00	128.00	110.00	100.00	89.00	78.00	65.00	49.00	32.00	26.00
G 75.0	151.00	120.00	100.00	86.00	77.00	69.00	59.00	48.00	36.00	23.00	18.00
G 76.0	119.00	92.00	76.00	66.00	58.00	52.00	43.00	34.00	25.00	16.00	13.00
G 77.0	93.00	69.00	56.00	48.00	42.00	37.00	30.00	23.00	16.00	11.00	8.00
G 78.0	70.00	50.00	40.00	33.00	29.00	25.00	20.00	15.00	10.00	6.00	5.00
G 79.0	51.00	35.00	27.00	22.00	19.00	15.00	12.00	9.00	6.00	4.00	3.00
G 80.0	36.00	24.00	18.00	14.00	11.00	9.00	7.00	5.00	3.00	2.00	1.00
G 81.0	25.00	15.00	11.00	8.00	6.00	5.00	3.00	2.00	2.00	1.00	1.00
G 82.0	16.00	9.00	6.00	4.00	3.00	2.00	2.00	1.00	1.00	1.00	0.00
G 83.0	9.00	5.00	3.00	2.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00
G 84.0	5.00	3.00	2.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
G 85.0	3.00	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 86.0	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 87.0	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 88.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 89.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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
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
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
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
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
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
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
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
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
G100.0	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
G102.0	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
G104.0	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
G106.0	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
G108.0	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
G110.0	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
G112.0	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
G114.0	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
G116.0	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
G118.0	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
G120.0	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
G122.0	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
G124.0	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
G126.0	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
G128.0	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
G130.0	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
G132.0	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
G134.0	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
G136.0	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
G138.0	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
G140.0	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
G142.0	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
G144.0	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

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	3276 36 led 4000K CLD CELL	Codice	CT0195	Codice	Lux_tx_3276_36
Nome	3276 Mini Stelvio - asimmetrico	Nome	3276 Mini Stelvio - asimmetrico	Numero	1
Archivio	Eulumdat	Data	17-12-2018	Posizione	

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

Tabella Intensità Luminose - cd/klm **Tabella 7/9**

	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	C 325.00	C 330.00
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

OxyTech

Apparecchio
Codice 3276 36 led 4000K CLD CELL
Nome 3276 Mini Stelvio - asimmetrico
Archivio Eulumdat

Rilievo
Codice CT0195
Nome 3276 Mini Stelvio - asimmetrico
Data 17-12-2018

Lampada
Codice Lux_tx_3276_36
Numero 1
Posizione

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

Tabella Intensità Luminose - cd/klm **Tabella 8/9**

	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00
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

OxyTech

Apparecchio		Rilievo		Lampada	
Codice	3276 36 led 4000K CLD CELL	Codice	CT0195	Codice	Lux_tx_3276_36
Nome	3276 Mini Stelvio - asimmetrico	Nome	3276 Mini Stelvio - asimmetrico	Numero	1
Archivio	Eulumdat	Data	17-12-2018	Posizione	

Flusso Apparecchio	7717.80 lm	Potenza Apparecchio	75.60 W	Efficacia	102.09 lm/W	Rendimento	100.00%
Flusso Lampade	7718.00 lm	Valore Massimo	553.00 cd/klm	Posizione	C=40.00 G=62.00	CG	Simmetrico 90-270

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

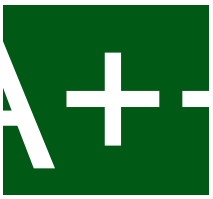
	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G149.0	0.00	0.00	0.00	0.00	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
G151.0	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
G153.0	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
G155.0	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
G157.0	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
G159.0	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
G161.0	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
G163.0	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
G165.0	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
G167.0	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
G169.0	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
G171.0	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
G173.0	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
G175.0	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
G177.0	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
G179.0	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

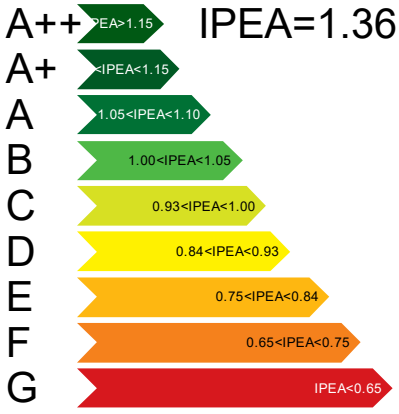
Documento IPEA

Apparecchio

Dati Apparecchio	Operatore
Produttore: Disano Illuminazione SpA	Nome:
Nome: 3276 Mini Stelvio - asimmetrico	Società: Disano Illuminazione SpA
Sorgente Luminosa: Lux_tx_3276_36	Data: 17 / 12 / 2018
Applicazione: Stradali (ME)	File : 3276_36_led_4000K_CLD_CELL_330371-00.ldt

Classificazione energetica — IPEA





Altri Dati

Sorgente e codice	Lux_tx_3276_36	Caratteristiche sorgente	
Temp.Colore e CRI	Tc:4000 Ra:70	Ottica	
Allegati		Classificazione allegati	
PSU		Affidabilità	
Flusso sorgente	7718.0 lm	Potenza reale	
Flusso Totale	7717.8 lm	Vita sorgente	
LLMF		LSF	
Inquinamento Luminoso		Certificazione	
Prezzo		Garanzia	

ALLEGATO B1

CALCOLI ILLUMINOTECNICI
(valori di illuminazione)

OxyTech

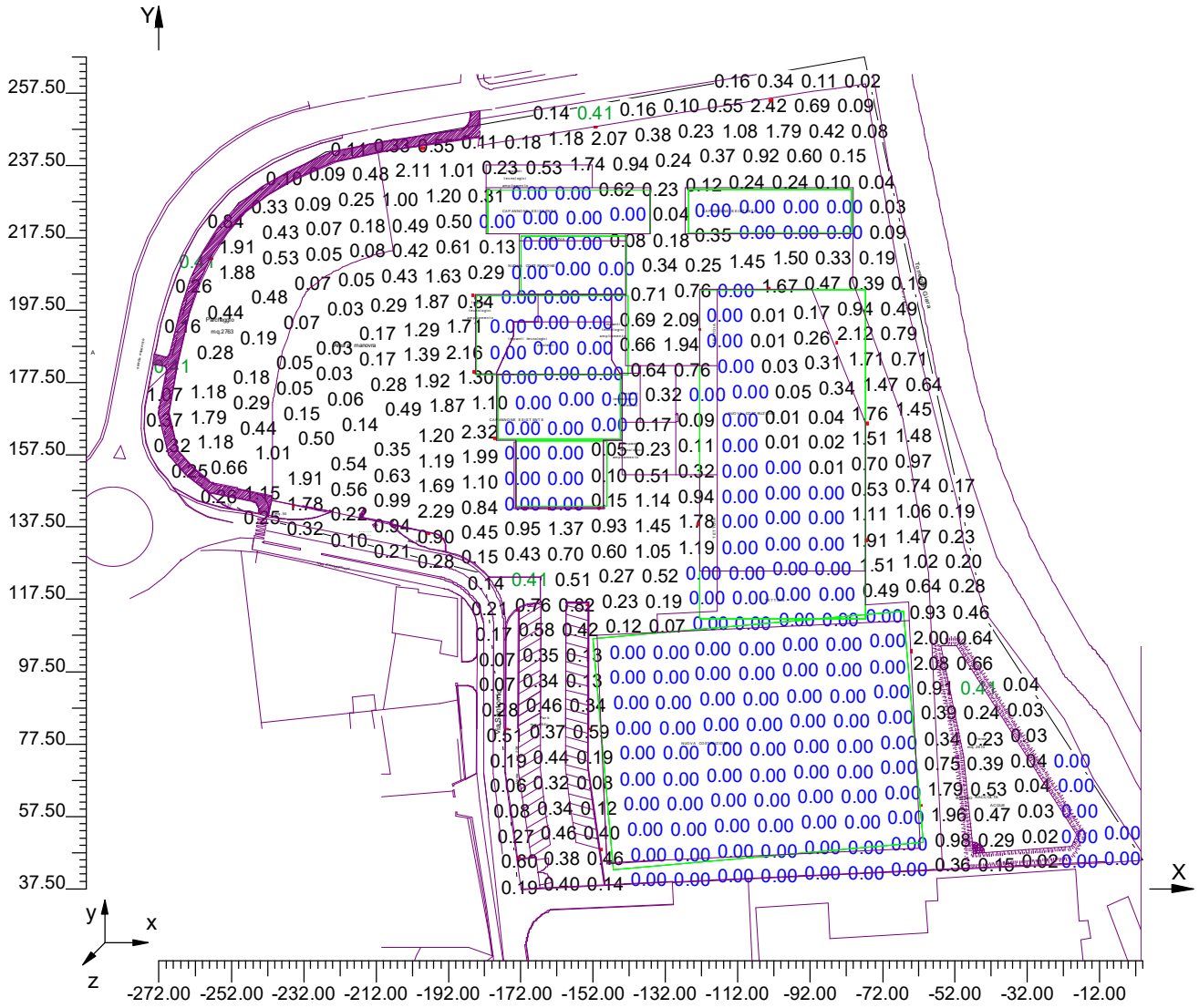
22/03/2019

Valori delle Luminanze su: Suolo (x=-136.00;y=37.50;z=1.50)m ---> (x=-136.00;y=37.50;z=0.00)m

O (x:-272.00 y:37.50 z:0.00)	Risultati	Medio	Minimo	Massimo	Min/Medio	Min/Max	Medio/Max
DX:1.00 DY:1.00	Luminanza (L)	0.41 cd/m²	0.00 cd/m²	2.85 cd/m²	0.00	0.00	0.14

Tipo Calcolo Solo Dir.

Scala 1/2000 CV= 1.397 Non tutti i punti di calcolo sono visibili



OxyTech

22/03/2019

Curve Isoluminanze su: Suolo_1 (x=-136.00;y=37.50;z=1.50)m ---> (x=-136.00;y=37.50;z=0.00)m

O (x:-272.00 y:37.50 z:0.00)	Risultati	Medio	Minimo	Massimo	Min/Medio	Min/Max	Medio/Max
DX:1.00 DY:1.00	Luminanza (L)	0.41 cd/m²	0.00 cd/m²	2.85 cd/m²	0.00	0.00	0.14

Tipo Calcolo Solo Dir.

Scala 1/2000

ALLEGATO B2

CALCOLI ILLUMINOTECNICI
(valori delle luminanze)

OxyTech

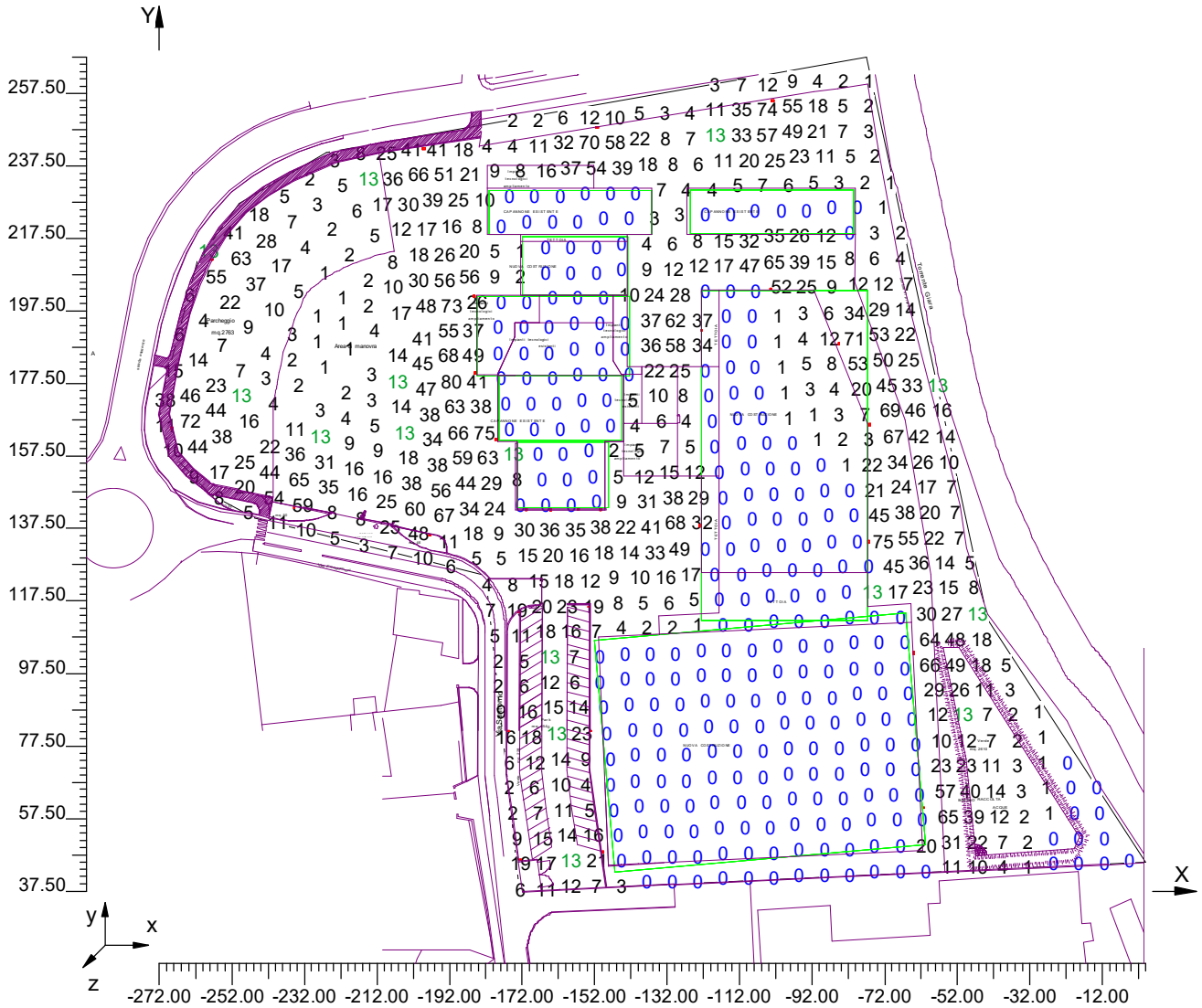
22/03/2019

Valori di Illuminamento su: Suolo

O (x:-272.00 y:37.50 z:0.00)	Risultati	Medio	Minimo	Massimo	Min/Medio	Min/Max	Medio/Max
DX:1.00 DY:1.00	Illuminamento Orizzontale (E)	13 lux	0 lux	90 lux	0.00	0.00	0.14

Tipo Calcolo Solo Dir.

Scala 1/2000 CV= 1.397 Non tutti i punti di calcolo sono visibili



OxyTech

22/03/2019

Curve Isolux su: Suolo_1_1

O (x:-272.00 y:37.50 z:0.00)	Risultati	Medio	Minimo	Massimo	Min/Medio	Min/Max	Medio/Max
DX:1.00 DY:1.00	Illuminamento Orizzontale (E)	13 lux	0 lux	90 lux	0.00	0.00	0.14

Tipo Calcolo Solo Dir.

Scala 1/2000