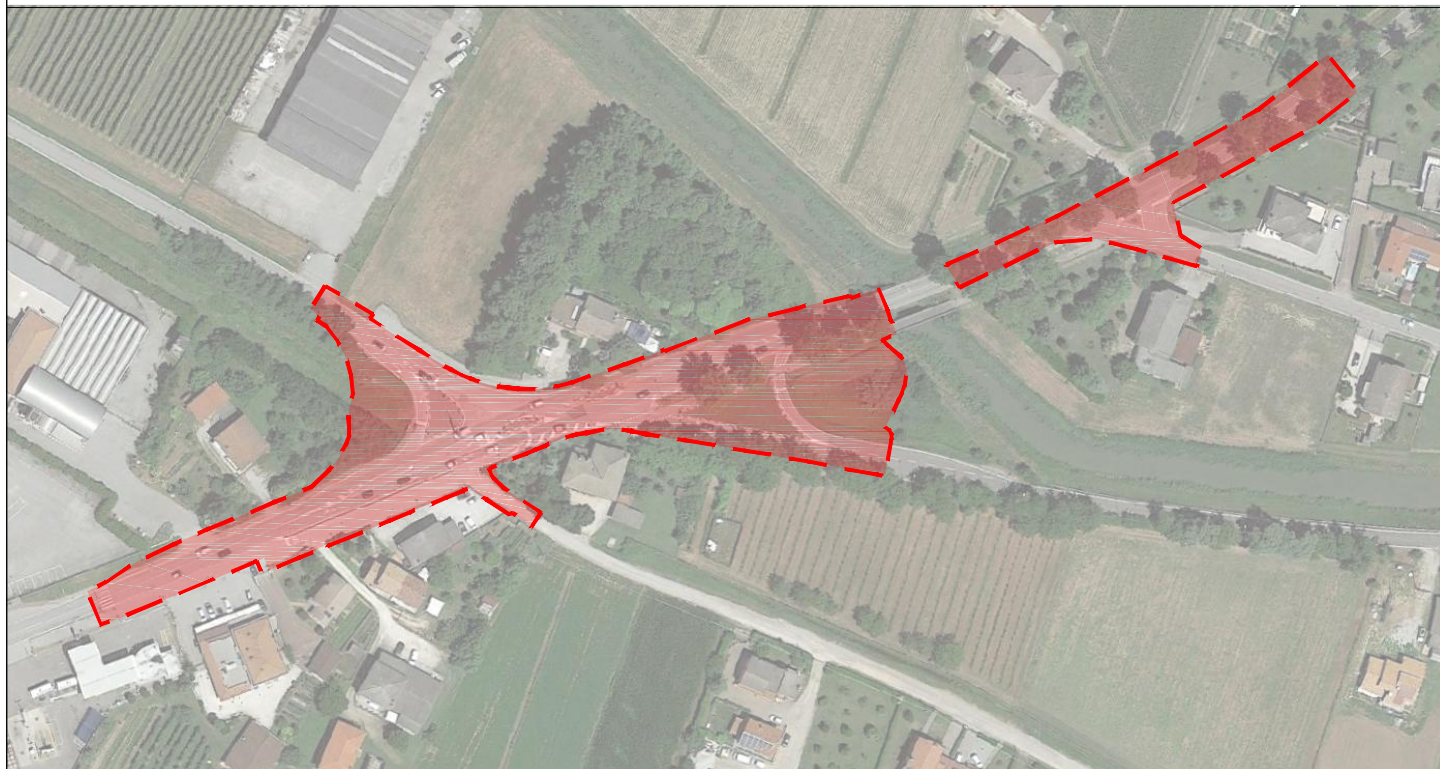




CITTA' METROPOLITANA DI VENEZIA

Area infrastrutture edilizia e viabilità

Ca' Corner, San Marco 2662 - 30124 Venezia (VE)
Via Forte Marghera, 191 - 30173 Mestre (VE)



PROGETTO ESECUTIVO

REALIZZAZIONE DELLE ROTATORIE D'INTERSEZIONE TRA SP 42 - JESOLANA, VIA SAN MARCO, VIA POSTESELLE E ADEGUAMENTO DELL'INNESTO TRA SP 42 - JESOLANA E VIA TRINCHET NEL COMUNE DI JESOLO (VE)

IL RESPONSABILE DEL PROCEDIMENTO Ing. Nicola Torricella SUPPORTO AL RUP Ing. Francesca Nordio			UBICAZIONE DELL' INTERVENTO COMUNE DI JESOLO (VE) STRADA METROPOLITANA S.P. 42 - JESOLANA	
PROGETTAZIONE  SIMMOS s.r.l. PIANI & PROGETTI 30173 Venezia-Mestre Via Martiri della Libertà 242/B Tel.: 041-5352503 Fax: 041-2667922 Email: info@simmos.it Web: http://www.simmos.it Email PEC: simmosi@pec.it firmato digitalmente  Ing. Antonio Colella Ing. Gianluca Notarigo Ing. Alberto Colella			ELABORATO: F	
REV.	DESCRIZIONE	DATA	TITOLO ELABORATO:	
rev. 0	PRIMA EMISSIONE	15/11/2024	RELAZIONE SPECIALISTICA ILLUMINOTECNICA	
			NOME FILE: s2005c6ib-0.pdf s2005c6i6-0.pdf	
			SCALA: -	

**LEGGE N°17 /2009 DELLA REGIONE VENETO: ALLEGATO N1
DICHIARAZIONE DEL PROGETTISTA**

Il sottoscritto ing. Antonio Colella, in qualità di Direttore Tecnico della società d'ingegneria SIMMOS s.r.l. con sede in via Martiri della Libertà, n. 242/b – CAP 30173 – Venezia (VE) ; tel. 041-5352593 – email: info@simmos.it – PEC: simmosrl@pec.it ; iscritto all'Ordine degli Ingegneri della Provincia di Venezia al n°1635, in qualità di progettista illuminotecnico dell'impianto di illuminazione pubblica pertinente all'intervento di realizzazione di due rotatorie d'intersezione tra la S.P. n°42 "Jesolana" (via Roma Sinistra), via San Marco e via Posteselle, oltre all'adeguamento dell'innesto di via Trinchet su la S.P.42, in Comune di Jesolo (VE)

DICHIARA

sotto la propria personale responsabilità che la disposizione illuminotecnica dell'impianto è stata progettata in conformità alla Legge della Regione Veneto n°17 del 07.08.09 "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", art. n°9, ed alle successive integrazioni e modifiche, secondo i seguenti criteri:

- a) riportando dettagliatamente nel progetto illuminotecnico esecutivo tutti gli elementi per un'installazione corretta ed ai sensi della L.R. n°17/09 e successive integrazioni;
- b) rispettando le indicazioni tecniche della L.R. n°17/09 e successive integrazioni, e realizzato una relazione illuminotecnica facente parte del progetto, che dimostra la completa applicazione della L.R. n°17/09 medesima;
- c) di aver seguito la normativa tecnica applicabile all'impiego (UNI 10819:2021 - UNI 11248:2016 - UNI EN 13201- 2:2016 - UNI EN 12464-2:2014), quindi di aver realizzato un progetto a "regola d'arte";
- d) di aver corredato il progetto illuminotecnico con la documentazione di seguito elencata:
 - relazione a rispetto delle disposizioni di Legge della L.R. n°17/09 e s.mm.ii.;
 - calcoli e risultati illuminotecnici;
 - dati fotometrici dei corpi illuminanti in formato tabellare numerico e sotto forma di file normalizzato Eulumdat (NOTA: tale prescrizione è stata rispettata impiegando, nei calcoli illuminotecnici, le fotometrie Eulumdat del produttore degli apparecchi).

Inoltre,

DECLINA

- a) ogni responsabilità per sinistri a persone o a cose derivanti da una esecuzione sommaria e non realizzata con i dispositivi previsti nel progetto illuminotecnico esecutivo;
- b) ogni responsabilità qualora le imprese installatrici non procedano con una corrispondente installazione dei corpi illuminanti (secondo quanto riportato nel progetto il quale è stato redatto secondo la L.R. n°17/09).

Venezia (VE), 15/11/2024

Il Progettista
Ing. Antonio Colella
[firmato digitalmente]

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PROGETTO ESECUTIVO

Relazione illuminotecnica in conformità alla L.R. 17 del 07 Agosto 2009

1 PREMESSA

La presente relazione è pertinente alla richiesta di parere di conformità del progetto esecutivo illuminotecnico pertinente alla realizzazione di due rotatorie d'intersezione tra la S.P. n°42 “Jesolana” (via Roma Sinistra), via San Marco e via Posteselle, con l'adeguamento dell'innesto di via Trinchet su la S.P.42, oltre al prolungamento dell'attuale pista ciclopedonale su via Roma Sinistra. L'intero ambito d'intervento è situato in Comune di Jesolo (VE).

La presente relazione descrive il progetto del sistema d'illuminazione pubblica pertinente all'opera infrastrutturale commissionata da Città Metropolitana di Venezia.

Il progetto ha già ricevuto parere preliminare favorevole da parte del Comune di Jesolo – Settore Lavori Pubblici ed Urbanistica, protocollo c_c388/00000001 ge/2023/0091352 del 29/11/2023.

Protocollo C_C388/00000001 GE/2023/0091352 del 29/11/2023 - Pag. 1 di 1



CITTÀ DI JESOLO

SETTORE
LAVORI PUBBLICI E URBANISTICA

prot. - 2023 generato automaticamente dal sistema
da citare integralmente nella risposta
DIRIGENTE: Ing. Dimuri Bonora
Resp. Unità Operativa: Ing. Massimo Montin
mail - massimo.montin@comune.jesolo.ve.it
tel. 0421 369242

Jesolo li 29 novembre 2023

Spett.le
Simmos srl
PEC: simmosrl@pec.it

Oggetto: progettazione esecutiva per la realizzazione di due nuove rotatorie d'intersezione di via Roma Sinistra "SP42", via San Marco e via Posteselle nel Comune di Jesolo; parere del progetto dell'impianto d'illuminazione pubblica.

Per quanto di competenza si esprime parere favorevole con le seguenti note:

- Collegare il centro delle rotatorie all'infrastruttura dell'illuminazione pubblica con un cavidotto vuoto e un pozzetto d'ispezione;
- Prevedere dispositivi differenziali del tipo a riarmo automatico;

Distinti saluti.



Il responsabile U.O.C.
ing. Massimo Montin

Documento informatico sottoscritto con firma elettronica ai sensi e con gli effetti di cui agli artt. 20 e 21 del D Lgs del 7 marzo 2005 n. 82 e ss.mm.; sostituisce il documento cartaceo e la firma autografa.

Orario apertura ufficio: lunedì-mercoledì-venerdì dalle 9.00 alle 13.00; martedì-giovedì dalle 15.00 alle 17.30.

1

JESOLO.it

Comune di Jesolo
Via Sant'Antonio, 11 - 30016 JESOLO (VE)
Ufficio Relazioni con il Pubblico
0421 369111 - comunicazione@comune.jesolo.ve.it
PEC : comune.jesolo@legalmail.it



2 INQUADRAMENTO TERRITORIALE

L'intervento si sviluppa all'interno del territorio del Comune di Jesolo, parallelamente all'asse viario S.P. 42 via Roma Sinistra che collega Jesolo ad Eraclea orientato in direzione SO - NE, in prossimità della zona produttiva di Jesolo. L'asse viario secondario, via San Marco in direzione NO e via Posteselle in direzione SE, collega l'intersezione oggetto d'intervento rispettivamente alle frazioni di Ca' Pirami e Ca' Cappellari. Via Trinchet collega l'asse viario principale S.P. 42 via Roma Sinistra alla frazione di Ca' Fornera posta a est della strada provinciale.

Allo stato attuale via Roma Sinistra – S.P. 42 presenta con l'asse viario via S. Marco – via Posteselle un'intersezione non perpendicolare regolata da lampade semaforiche. La svolta a destra da via San Marco e via Posteselle sulla S.P. 42 è costituita da svincoli regolati da semaforo.

L'innesto di Via Trinchet con via via Roma Sinistra – S.P. 42 è costituita da un'intersezione a raso a "T", regolata con segnaletica orizzontale e verticale a "stop".

Via Roma Sinistra – S.P. 42 presenta una carreggiata con larghezza media di circa 7,0 m, due corsie e doppio senso di circolazione. Nella zona di intersezione la larghezza della S.P. 42 la carreggiata si allarga fino a ca. 12 m, presentando un'ulteriore corsia per la svolta a sinistra su via San Marco e su via Posteselle. In corrispondenza dell'innesto di via Trinchet la strada provinciale risulta essere in rilievo rispetto al piano di campagna delle aree adiacenti, con larghezza variabile da circa 6,50m a 7m. La via Roma Sinistra - S.P. 42 risulta interessata da un notevole traffico veicolare nel corso della stagione estiva in ragione del turismo balneare.

Via S. Marco, via Posteselle e via Trinchet sono strade comunali ad unica corsia a doppio senso caratterizzate da una carreggiata con larghezza media di circa 5 m.

La parte nord-est di via Roma Sinistra – S.P. 42, in corrispondenza dell'incrocio di via Posteselle, è affiancata da una pista ciclopeditone che raggiunge via Trinchet e prosegue in direzione est verso la frazione di Ca' Fornera. A nord e a sud della SP 42 – Via Roma Sinistre sono presenti abitazioni la cui recinzione di confine costeggia la banchina stradale.

Il progetto tiene conto delle peculiarità del territorio extra urbano ed è finalizzato al miglioramento della sicurezza e del flusso viabilistico mediante la realizzazione di due rotatorie in sostituzione dell'intersezione con semafori, l'adeguamento dell'innesto di via Trinchet alla strada provinciale e l'ampliamento della pista ciclopeditone esistente nell'area dell'innesto di via Posteselle con la SP. Inoltre sarà adeguato l'innesto di via Taglio di Re su la S.P.42.

L'impianto d'illuminazione pubblica, presente lungo la S.P. 42 e negli ambiti d'intersezione con via San Marco, via Posteselle e via Trinchet, sarà completamente rinnovato e adeguato alle migliori tecnologie per la sicurezza stradale e il risparmio energetico.

L'inquadramento territoriale e urbanistico dell'intervento è riportato sull'elaborato grafico Tavola 1.2: "Estratti P.R.G. e C.T.R." .

La seguente figura riporta la foto aerea dell'ambito d'intervento.

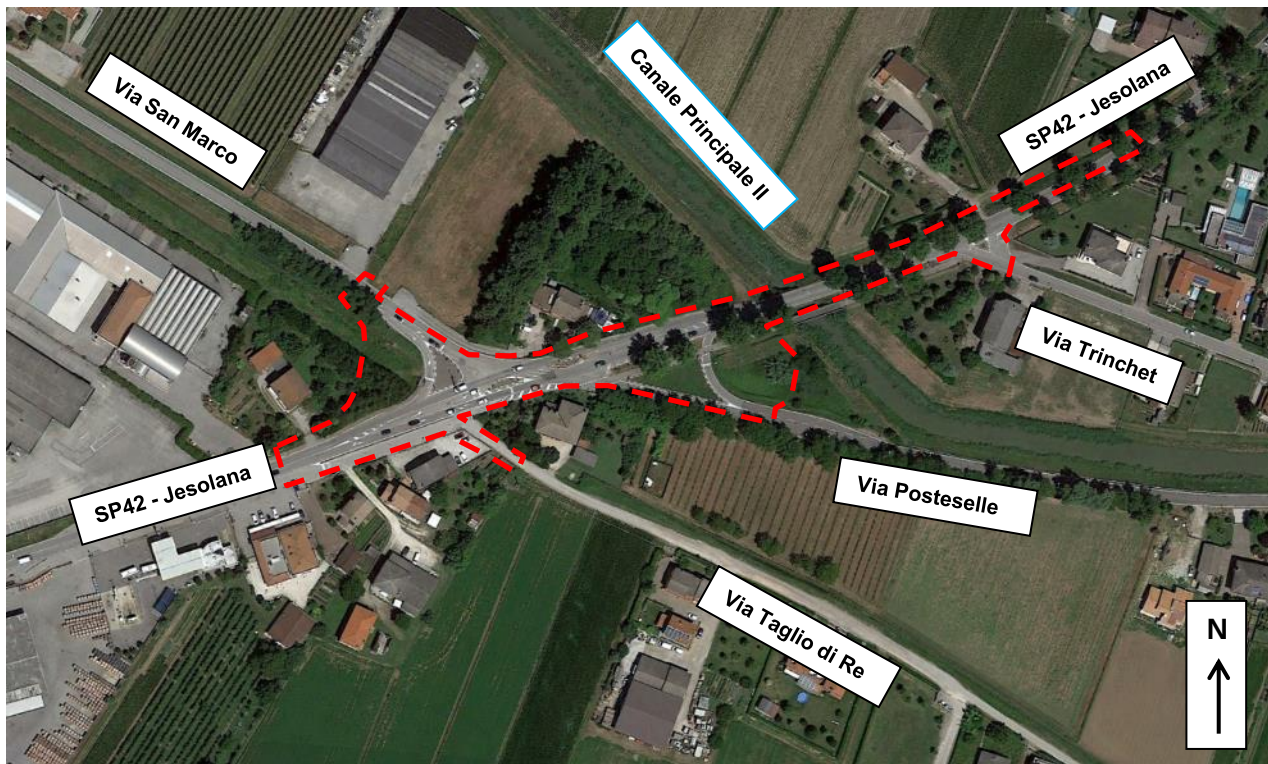


Figura 1: Foto aerea dell'ambito d'intervento con indicazione dell'ambito d'intervento.

3 ILLUSTRAZIONE DEL PROGETTO URBANISTICO

Con tale intervento l'Amministrazione della Città Metropolitana di Venezia di concerto con l'Amministrazione Comunale di Jesolo, intendono realizzare due rotatorie lungo la S.P. 42 "Jesolana", l'adeguamento dell'innesto via Taglio di Re sulla S.P. 42, per il miglioramento viabilistico dell'attuale intersezione semaforica con le strade via San Marco e via Posteselle. Inoltre il progetto prevede l'adeguamento dell'innesto di via Trinchet con S.P. 42 – Via Roma Sinistra consentendo le manovre di ingresso ed uscita dalla strada provinciale in sicurezza.

Il nuovo assetto viabilistico consentirà una maggiore fluidità del traffico, particolarmente critico nel periodo estivo, e garantirà una maggior sicurezza per pedoni e ciclisti, grazie all'ampliamento dell'attuale pista ciclopeditonale.

Il progetto s'inserisce nella programmazione di miglioramento della viabilità e della sicurezza stradale che il Comune di Jesolo sta promuovendo da tempo.

Le due rotatorie in progetto sono entrambe caratterizzate da un raggio interno della zona a verde pari a 8,50 m, un raggio della fascia sormontabile pari a 11,00 m e un raggio esterno della carreggiata pari a 17,00 m. Il tratto di carreggiata di collegamento fra le due rotatorie avrà larghezza minima pari a 12,0 m, con corsie larghe almeno 3,50 m. La pista ciclopeditonale avrà larghezza di circa 2,50 m, in continuità con la pista attuale.

L'innesto di via Trinchet sulla strada provinciale è caratterizzato da corsie di larghezza non inferiore a 3m.

La soluzione progettuale tende a minimizzare le interferenze con le proprietà private, oltre a minimizzare ove possibile l'interferenza con i sottoservizi esistenti, il cui tracciato sarà noto definitivamente a seguito delle comunicazioni dei rispettivi gestori.

La soluzione progettuale già descritta in precedenza, tende a minimizzare le interferenze con le proprietà private, oltre a minimizzare ove possibile l'interferenza con i sottoservizi esistenti, il cui tracciato sarà noto definitivamente a seguito delle comunicazioni dei rispettivi gestori.

Sarà valutato, a seguito della conoscenza effettiva dei rispettivi tracciati, il mantenimento delle posizioni dei sottoservizi presenti mentre sarà realizzata una nuova rete fognaria bianca per le acque meteoriche, mediante condotte in PVC e limitatamente all'ambito dell'invaso in CLS, recapitanti al bacino di laminazione (Tavole 6.1, 6.2, 6.3, 6.4 e 6.5).

Il progetto delle rotatorie e dei nuovi tratti stradali prevede la realizzazione di una pavimentazione in conglomerato bituminoso così come il nuovo tratto di pista ciclo-pedonale delimitato da cordone in CLS.

Le isole spartitraffico saranno delimitate da cordone stradali in CLS alternativamente pitturati in bianco e in nero tipo "ANAS", mentre la zona centrale sarà costituita da pavimentazione lapidea in ciottoli bianchi su letto di malta cementizia posato su uno strato di fondazione in misto stabilizzato riciclato.

Le rotatorie saranno realizzate con fascia sormontabile larga 2,0 m costituita dallo stesso pacchetto delle strade e delimitata da due linee di cordoli sormontabili in CLS. Gli elementi del cordolo interno, posta a delimitazione della zona a verde al centro della rotatoria, saranno alternativamente pitturati in bianco e in nero.

Le corsie del tratto di S.P. 42 compreso fra le due rotatorie saranno delimitate da una cordone costituita da due cordoli file di cordoli sormontabili alternativamente pitturati in bianco e in nero.

Tutte le nuove zone a verde saranno realizzate con la posa di uno spessore di 40 cm di terreno vegetale e arredate con erba.

Nel progetto è prevista la rimozione dei punti luce esistenti, posti a lato del sedime stradale, aventi lampade ai vapori di sodio e fluorescenti, successiva l'installazione di nuovi punti luce con pali a braccio posti a bordo delle nuove rotatorie con corpi illuminanti a tecnologia Led per ottenere un efficientamento energetico e migliore visibilità.

L'adeguato grado di illuminazione sarà raggiunto mediante la posa in opera di nuovi punti luce, con realizzazione di plinti, cavidotti e cavi di alimentazione elettrica.

Per le parti in cui sarà realizzato il collegamento ciclabile, i pali previsti sosterranno due punti luce posti ad altezze diverse. In questo modo sarà possibile garantire un'ottimale illuminazione alla pista ciclopeditone con conseguente miglioramento della sicurezza per tali "utenti deboli" della viabilità limitando l'intrusività della luce nelle aree private.

In corrispondenza degli attraversamenti pedonali e ciclopeditoni saranno posizionati solo corpi illuminanti di tipo stradale, in ragione della disponibilità economica degli Enti.

Il progetto infrastrutturale prevede la predisposizione di corrugati per la futura installazione di apposita segnaletica luminosa posta su palo, in coerenza con le norme che disciplinano l'illuminazione per attraversamenti.

Nelle tavole di dettaglio facenti parte del progetto esecutivo, sono identificati i tipi di armatura stradale da utilizzare e l'altezza e caratteristiche dei pali di supporto (Tavole 7.1, 7.2a, 7.2b e 7.2c).

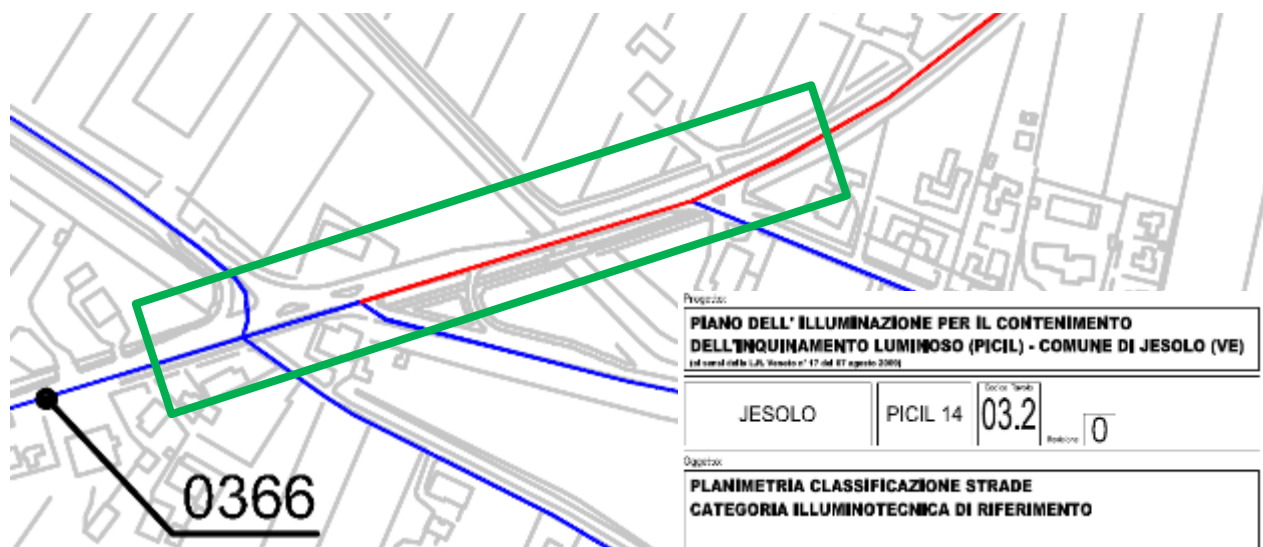
4 CONGRUENZA CON IL P.I.C.I.L. DEL COMUNE DI JESOLO

Il presente studio illuminotecnico tiene conto delle indicazioni riportate nel Piano dell'Illuminazione per il Contenimento dell'Inquinamento Luminoso del Comune di Jesolo, redatto dall'azienda SEINGIM, cui edizione vigente dell'Ottobre 2014.

Il PICIL riporta una planimetria di classificazione della rete stradale (ME2) e censimento dello stato di fatto dell'illuminazione per l'arteria oggetto d'intervento.

PROGETTO ESECUTIVO

Relazione illuminotecnica in conformità alla L.R. 17 del 07 Agosto 2009



LEGENDA			
STRADE EXTRAURBANE SECONDARIE TIPO DI STRADA: C	-CARREGGIA E INDIPENDENTI (MIN): 1 -CORSE PER SENSO DI MARCIA: 1+1 -CON BANCHINE LATERALI TRANSITABILI -S.P. OPPURE S.S.	CATEGORIA ILLUMINOTECNICA DI RIFERIMENTO: ME2 UNI 11248	Lm= 1,5 cd/m ² Uo min= 0,4 Ul min= 0,7 Tl max= 10% SR min= 0,5
STRADE URBANE DI SCORRIMENTO TIPO DI STRADA: D	-CARREGGIA E INDIPENDENTI (MIN): 2 -CORSE PER SENSO DI MARCIA: 2+2 -LIM. VELOCITA' > 50 km/h	CATEGORIA ILLUMINOTECNICA DI RIFERIMENTO: ME2 UNI 11248	Lm= 1,5 cd/m ² Uo min= 0,4 Ul min= 0,7 Tl max= 10% SR min= 0,5
STRADE LOCALI TIPO DI STRADA: F	-CARREGGIA E INDIPENDENTI (MIN): 1 -CORSE PER SENSO DI MARCIA: 1+1 e -SE DIVERSE DALLE STRADE DI TIPO C -URBANI LOCALI DI RILIEVO DEL CENTRO -TUTTE LE ALTRE STRADE DEL CENTRO	CATEGORIA ILLUMINOTECNICA DI RIFERIMENTO: ME3b UNI 11248	Lm= 1,0 cd/m ² Uo min= 0,4 Ul min= 0,6 Tl max= 15% SR min= 0,5

Figura 2 - Estratto cartografico dal PICIL – Tavola 03.2

L'impianto esistente risulta così censito.

- Impianto n°0357;
- Quadro elettrico n°162; tensione trifase; telecomando: assente; sistema di riduzione: centralizzato;
- Corpi illuminanti: vapori di sodio; apparecchi non conformi – effettuare azioni correttive (cfr elaborato PICIL tav. 4.14)

SCHEDA DI CENSIMENTO IMPIANTI DI ILLUMINAZIONE PUBBLICA			N° 0357
Localizzazione:	Via Posteselle	Proprietà:	Comunale
Riferimento:	Zona Incrocio con Via Roma s.s.	Gestione:	Comunale
DATI GENERALI IMPIANTO D'ILLUMINAZIONE			
Applicazione		☒ Strada motorizzata ☐ Rotonda - Svincolo ☐ Parcheggio ☐ Grande Area ☐ Piazza a traffico misto ☐ Area di Aggregazione ☐ Pista ciclabile ☐ Pedonale ☐ Giardino o Parco ☐ Impianto sportivo ☐ Edificio - Monumento ☐ Insegna	

PROGETTO ESECUTIVO

Relazione illuminotecnica in conformità alla L.R. 17 del 07 Agosto 2009

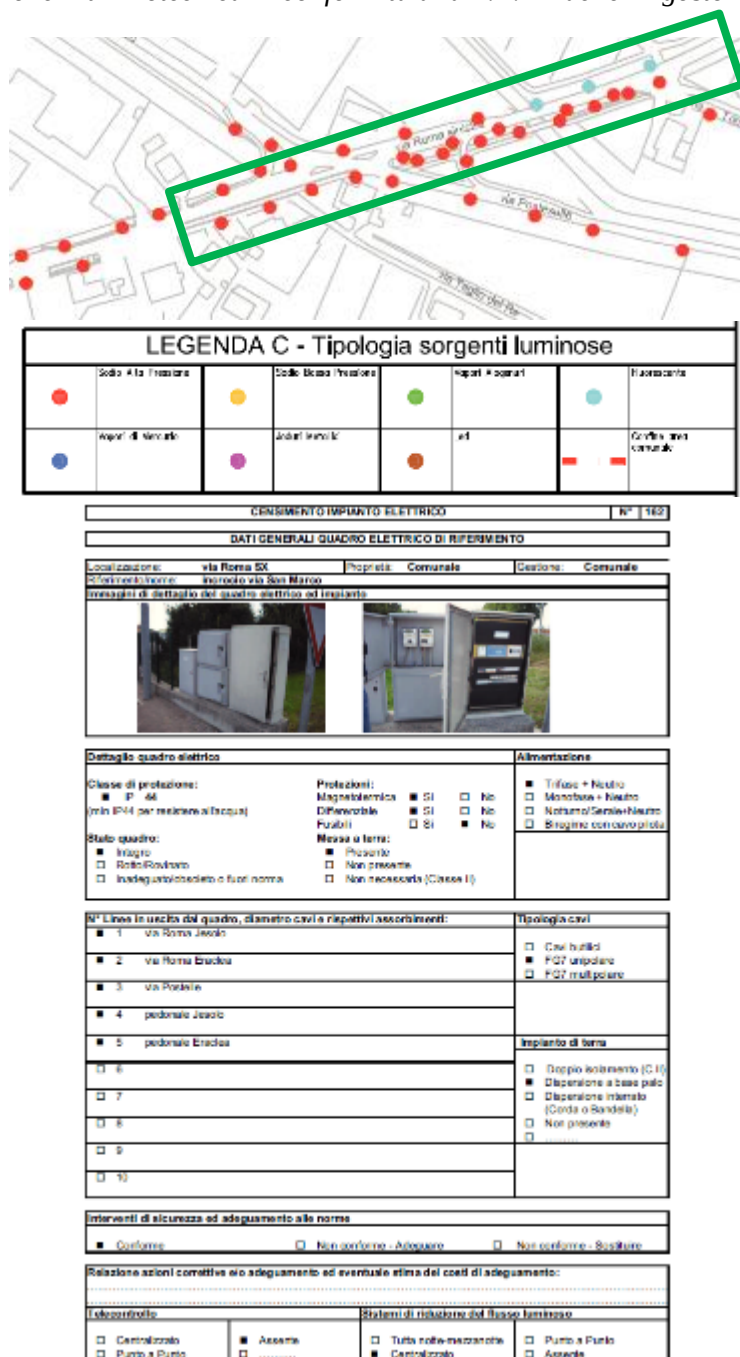


Figura 3 –Estratto cartografico dal PICIL – Tavole gruppo 04 del censimento stato di fatto

L'intervento infrastrutturale in oggetto rientra anche nelle previsioni d'intervento di adeguamento alla L.R. 17/09 dell'impianto.

L'intervento in progetto prevede l'installazione di nuovi corpi illuminanti con tecnologia a led, non compatibili con il sistema di regolazione esistente per le lampade ai vapori di sodio. Ne consegue che sarà realizzato apposito nuovo quadro di gestione in parallelo, al fine di non inficiare le certificazioni e funzionalità dell'esistente il quale comanda linee elettriche ed apparecchi anche al di fuori dell'ambito d'intervento progettuale.

Il nuovo quadro elettrico, posto all'interno di armadio separato, avrà spazio sufficiente per la futura installazione sistemi di telecontrollo ed implementazione delle linee di alimentazione.

I criteri progettuali perseguiti per il nuovo impianto d'illuminazione sono quelli esplicitati nel documento del PICIL n°07: "Soluzione integrata riassetto illuminotecnico del territorio" il quale dispone prestazioni dei nuovi impianti specifiche per le rotatorie.

5 DOCUMENTAZIONE FOTOGRAFICA ALLO STATO ATTUALE

Si riporta di seguito la documentazione fotografica dello stato attuale del sito, raccolta nel corso dei sopralluoghi eseguiti in data 22/10/2021 e in data 20/02/2022.

L'area di proprietà della società Imperia Spa risulta recintata e inutilizzata sin dalla fine dei lavori di bonifica.



Figura 4 – Incrocio via Roma SX con via San Marco e positone quadro elettrico illuminazione esistente



Figura 5 - Incrocio via Roma SX con via Taglio del Re



Figura 6: Incrocio via Roma SX con Via Posteselle.

6 NORMATIVE DI RIFERIMENTO E PICIL

Attualmente in Regione Veneto vige la L.R. n. 17 del 7/08/2009 “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”, la quale ha superato la pregressa L.R. n. 22 del 27/06/1997. La normativa si pone l'obiettivo di ridurre l'inquinamento luminoso e dei consumi energetici, uniformando i criteri di progettazione per i nuovi impianti di illuminazione pubblici e privati nonché l'adeguamento degli impianti preesistenti.

La LR n. 17 del 2009 non include il Comune di Jesolo in alcuna fascia di protezione di 10 km.

Il presente progetto di illuminazione pubblica e privata è stato redatto nel rispetto delle Leggi e Norme vigenti, in particolare:

- P.I.C.I.L. del Comune di Jesolo (redatto da SEINGIM - edizione ottobre 2014);
- LEGGE REGIONALE Veneto n. 17 del 7 agosto 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”;
- Norma UNI 10819:2021 : “Luce e illuminazione - Impianti di illuminazione esterna - grandezze illuminotecniche e procedure di calcolo per la valutazione della dispersione verso l'alto del flusso luminoso”;
- Norma UNI 11248:2016 : “Illuminazione stradale. Selezione delle categorie illuminotecniche”;
- Norma UNI EN 13201- 2:2016 : “Illuminazione stradale” – Parte 2: Requisiti prestazionali;
- Norma UNI 11630:2016 : “Luce e illuminazione. Criteri per la stesura del progetto illuminotecnico”;
- linee guida dell'Arpav consultate al seguente indirizzo internet <https://www.arpa.veneto.it/temi-ambientali/luminosita-del-cielo/criteri-e-linee-guida-1> .

La relazione tecnica esplica:

- le zone di studio su cui viene suddivisa in cui la strada da illuminare (art. 6 Norma UNI 11248);
- la classificazione delle strade e categoria illuminotecnica di ingresso per l'analisi dei rischi (art. 7 Norma UNI 11248);
- l'analisi dei rischi (art. 8 Norma UNI 11248), che attraverso una sintesi conclusiva individui le categorie illuminotecniche di progetto e di esercizio che garantiscono la massima efficacia del contributo degli impianti di illuminazione alla sicurezza degli utenti della strada in condizioni notturne, minimizzando al contempo i consumi energetici, i costi di installazione e di gestione, l'impatto ambientale e l'inquinamento luminoso; in particolare l'analisi dei rischi dovrà riportare i parametri di influenza considerati dal progettista per individuare le categorie illuminotecniche di progetto e di esercizio;
- i calcoli illuminotecnici che dimostrino il conseguimento dei requisiti illuminotecnici previsti per le categorie illuminotecniche individuate (Norma UNI EN 13201-2), in cui siano evidenti le griglie di calcolo, le caratteristiche di riflessione della pavimentazione stradale ed i fattori di manutenzione adottati (art. 10, 13, 15 Norma UNI 11248).

7 METODI PROGETTUALI ADOTTATI

7.1 Normativa illuminotecnica UNI EN 11248:2016

La norma UNI EN 11248: 2016 descrive e prescrive la metodologia progettuale secondo la quale, a partire dai dati associati al tipo di strada, che rappresentano i valori di ingresso per la procedura, consente di attribuire ciascuna strada la categoria illuminotecnica adeguata.

Ne consegue che per sviluppare il progetto illuminotecnico occorre individuare ed analizzare gli elementi caratterizzanti l'area oggetto di studio.

Un impianto di illuminazione può illuminare parti della strada che richiedono livelli e condizioni di illuminazione diversi. Di conseguenza il primo passo è quello di individuare zone omogenee nei requisiti illuminotecnici e stabilire eventuali parametri d'influenza che permettano di ridurre o meno la categoria illuminotecnica di ingresso. La normativa fissa, per ogni categoria illuminotecnica, i relativi parametri illuminotecnici minimi che l'impianto di illuminazione stradale deve garantire.

7.2 Classificazione delle strade e determinazione della categoria di ingresso per l'analisi dei rischi

La definizione della categoria illuminotecnica di ingresso per l'analisi è stata stabilita dal P.C.I.L. del Comune di Jesolo:

- **strada locale di tipo F - locale urbana – limite 50km/h o 70km/h**
- **categoria illuminotecnica M3b.**

Per le intersezioni a rotatoria con isola semi-sormontabile e diametro di 20m, in ambito urbano è richiesto che:

- la luminanza minima sia di 1 cd/m²;
- l'uniformità di luminanza U_0 sia almeno 0,4;
- illuminamento medio sia compreso tra 15 e 20lx.

Per le intersezioni a rotatoria in ambito extra urbano, invece, la classificazione viene elevata a categoria C1-C2 con illuminamento medio compreso tra 20 e 30lx.

Le rotatorie in progetto si trovano al confine tra l'ambito urbano e quello extra-urbano. I corpi illuminanti sono stati disposti uniformemente ed in corrispondenza dei punti critici di immissione-uscita-attraversamenti. Per garantire la luminanza minima di 1cd/m², considerata la geometria delle intersezioni, l'illuminamento medio è di poco superiore al range richiesto (22,2lux), tale da "evidenziare" la presenza dell'intersezione lungo l'asse viario principale, come richiesto per gli ambiti extraurbani.

7.3 Riduzione della categoria illuminotecnica

Considerata l'importanza dell'intersezione viaria che interessa un'asse d'ingresso alla città di Jesolo, non sono state considerate riduzioni di categoria illuminotecnica.

Anche il sistema d'illuminazione in riduzione notturna tipo "mezzanotte virtuale" con riduzione del 30% nel periodo notturno è stato introdotto solo ai fini del risparmio energetico in quanto in tale periodo non è possibile prevedere importanti riduzioni di traffico data l'attrazione notturna dei locali di Jesolo.

7.4 Illuminazione degli attraversamenti pedonali

Nel progetto in esame non è prevista un'illuminazione specifica per gli attraversamenti pedonali.

In corrispondenza degli attraversamenti pedonali e ciclopeditoni saranno posizionati solo corpi illuminanti di tipo stradale, in ragione della disponibilità economica degli Enti.

Il progetto infrastrutturale prevede la predisposizione di corrugati per la futura installazione di apposita segnaletica luminosa posta su palo, in coerenza con le norme che disciplinano l'illuminazione per attraversamenti.

8 SCELTE PROGETTUALI

8.1 Sostegni

I pali di sostegno saranno ubicati in modo da non arrecare intralcio alla circolazione e non formare barriere architettoniche.

Lungo la viabilità pubblica di tipo urbano saranno ubicati a 0,5m dal limite della sede stradale (Norma CEI 64-8/7 sez.714 Art. 3.6.1).

Per ogni palo sarà applicata una targa adesiva con la marcatura CE e dovrà riportare il numero d'identificazione dell'ente notificato, la norma di riferimento EN 40-5, il codice univoco del prodotto, l'anno di marcatura e l'identificazione del produttore oltre ad eventuale targa identificativa dell'impianto, su disposizione dell'ente gestore della manutenzione.

I nuovi sostegni saranno dotati di sbraccio di 1,5m. Solo i pali preposti all'illuminamento di via Taglio del Re saranno privi di sbraccio.

L'altezza minima dell'apparecchio d'illuminazione dalla carreggiata sarà di 8m, ad eccezione delle lampade dedicate all'illuminamento dei percorsi ciclo-pedonali che saranno poste a 4m dal piano di calpestio per limitare l'intrusività della luce nelle aree private adiacenti.

8.2 Temperatura di colore degli apparecchi

Riguardo la temperatura di colore, le linee guida ARPAV definiscono il valore limite di 3.000 K.

Il Comune in Jesolo nel PICIL non definisce valori diversi e pertanto i nuovi apparecchi rispetteranno il valore di temperatura di 3.000 K.

8.3 Caratteristiche tecniche degli apparecchi di progetto

Gli apparecchi impiegati nel calcolo posseggono certificazione del costruttore riguardo la conformità alle Leggi Regionali vigenti in Italia in materia di contenimento dell'inquinamento luminoso, con esplicito riferimento anche alla legge n°17 / 2009 della regione Veneto.

Tutti gli apparecchi sono ad emissione luminosa nulla verso l'alto.

Caratteristiche generali:

- Azienda: GMR Enlights s.r.l.
- Prodotto: La foglia (400 o 500)
- Armatura stradale con LED;
- Corpo: pressofusione di alluminio;
- Riflettore: in alluminio;
- Schermo: vetro ultra-chiaro temperato;
- Grado di protezione: IP66;
- Protezione contro gli urti: IK09
- Classe di isolamento: classe II;
- Tensione nominale: 220-240 V 50/60 Hz ;
- Fattore di potenza: > 0.95 ;
- Temperatura ambiente Ta: -40°C ÷ +50°C ;
- Protezione da sovratensioni modo comune: 10 kV
- Driver: integrato con “mezzanotte virtuale” + DHALI + ZHAGA
- Marchi e Certificazioni: ENEC / CE Garanzia: 5 anni apparecchi LED – vita utile almeno 100.000 ore.

Sono state scelte sorgenti luminose a LED con componente spettrale di UV nulla in modo da non attrarre lepidotteri, coleotteri, ditteri, emitteri, neurotteri, tricotteri, imenotteri e ortotteri,

Il fattore di manutenzione utilizzato nei calcoli illuminotecnici è pari a 0,8.

Tutti gli apparecchi saranno dotati di driver interno pre-configurato con sistema di “mezzanotte virtuale”, da utilizzare in caso di mancanza di sistema di telecomando.

Per maggiori dettagli si veda il paragrafo 10.3.

9 CALCOLI ILLUMINOTECNICI

Il progetto è stato sviluppato con l'ausilio di specifico software di calcolo:

- programma DIALux evo 13 : elaborazione tratti tipo stradali ed elaborazione aree;

Le curve fotometriche degli apparecchi illuminanti sono state fornite dal Costruttore degli stessi, in formato Eulumdat.

Il fattore di manutenzione utilizzato nei calcoli illuminotecnici è pari a 0,8.

Per il report integrale dei risultati di calcolo si veda elaborato specifico.

10 IMPIANTO ELETTRICO

10.1 Alimentazione elettrica

Le linee di alimentazione in partenza dai quadri elettrici saranno eseguite con cavi multipolari flessibili di sezione adeguata del tipo FG16OR con tensione nominale di esercizio $U_0/U = 600/1000V$, isolate in gomma, guaina esterna isolante con certificazione CPR, non propaganti l'incendio, posti in opera entro tubazione interrata di sezione adeguata.

I conduttori che costituiranno gli impianti saranno protetti contro le sovracorrenti causate da sovraccarichi o da cortocircuiti (secondo le norme CEI 64-8).

In particolare i conduttori saranno dimensionati in modo che la loro portata I_z sia superiore alla corrente di impiego I_b .

Gli interruttori automatici magnetotermici da installare a protezione dei conduttori dovranno soddisfare alle seguenti relazioni:

$$I_b \leq I_n \leq I_z \quad \text{e} \quad I_f \leq 1.45 I_z$$

essendo I_f la corrente di funzionamento dell'interruttore automatico e I_n quella nominale.

Gli interruttori automatici (a norma CEI 23-3 e CEI 17-5) dovranno interrompere le correnti di cortocircuito che possono verificarsi nell'impianto in tempi sufficientemente brevi per garantire che nel conduttore predetto non si raggiungano temperature pericolose, secondo la relazione:

$$I^2 t \leq K^2 S^2$$

Essi avranno un potere di interruzione almeno uguale alla corrente di corto circuito presunta nel punto di installazione.

Il nuovo quadro generale per l'illuminazione delle nuove infrastrutture stradali sarà costituito da un armadio in vetroresina nuovo, con centralini in PVC interni, da affiancare all'esistente armadio in VTR, il quale sarà spostato in nuova posizione non interferente con le infrastrutture da realizzare. L'alimentazione sarà derivata direttamente dal gruppo di misura con alimentazione 400V e senza necessità di aumento di potenza in quanto il progetto prevede la dismissione di diversi apparecchi ai vapori di sodio interferenti con le nuove rotatorie. I nuovi corpi illuminanti con tecnologia a led avranno potenza complessiva inferiore al totale degli apparecchi dismessi.

Il quadro elettrico esistente n°162 non sarà oggetto di modifica. I sistemi di regolazione delle lampade al sodio sono diverso da quelli delle lampade a led. Pertanto sarà realizzato nuovo quadro in parallelo per i nuovi corpi illuminanti.

Dal nuovo quadro partiranno le nuove linee, protette da interruttore magnetotermico differenziale di taglia opportuna, di alimentazione monofase dedicate in cavo FG7OR16 in formazione 2x16mm² (conduttori di fase e neutro separati). Il cavo di messa a terra sarà anch'esso separato in formazione FS17 GV 1x16mm².

Le nuove linee di alimentazione (n.1 utilizzata + n.2 interruttori di riserva) saranno asservite ad orologio di tipo astronomico con attuazione dei comandi mediante teleruttori.

Sarà previsto anche il sistema di azionamento dell'impianto in manuale in caso di guasto al sistema orologio o manutenzione.

Sul quadro saranno riportate tutte le scritte necessarie ad individuare i vari circuiti. Tali scritte saranno definite in accordo con il gestore dell'illuminazione pubblica comunale al termine dei lavori.

Nella parte inferiore del quadro sarà prevista una morsettiera alla quale dovranno essere collegati, i conduttori di terra delle linee in partenza ed il conduttore di terra di collegamento al dispersore.

10.2 Cavidotti, pozzetti e plinti di sostegno

I cavidotti saranno di tipo flessibile in PVC, serie pesante, resistente allo schiacciamento, autoestinguente, marchio I.M.Q, del tipo con doppia parete, corrugata all'esterno e liscia all'interno e del diametro interno 110mm tale cioè da assicurare lo sfilaggio e il reinfilaggio dei conduttori futuri. Le tubazioni saranno interrate ad almeno 80 cm al di sotto del livello del suolo; per evitare che pressioni sul suolo o cedimenti del terreno possano danneggiare le tubazioni, queste saranno posate su un letto di sabbia dello spessore di almeno 10 cm.

Per il sostegno dei pali d'illuminazione saranno impiegati plinti-pozzetto in calcestruzzo, delle dimensioni adeguate in rapporto al tipo di palo scelto. Il pozzetto di derivazione incorporato consentirà agevole infilaggio dei cavi ed ispezione. La dimensione interna dei pozzetti sarà di 40x40cm. Essi saranno completi di coperchio in ghisa carrabile.

Analogamente saranno previsti pozzetti rompitratta / di manovra delle linee d'illuminazione, completi di chiusino in ghisa carrabile.

10.3 Comando e funzionamento dell'impianto di illuminazione

L'accensione degli impianti d'illuminazione sarà comandata da un orologio astronomici oltre che da commutatori automatico-O-manuale al fine di consentire, oltre al funzionamento automatico, anche di spegnere completamente l'impianto o accenderlo manualmente in occasione di prove e verifiche.

Per quanto riguarda la gestione dell'illuminazione in orario notturno, obbligatoria secondo la Legge Regionale 17/09, tutti gli apparecchi d'illuminazione saranno dotati di driver interno programmabile con "mezzanotte virtuale" e sistema DHALI+ZHAGA. Qualora il gestore della rete pubblica implementerà nel tempo i propri sistemi, gli apparecchi potranno essere posti sotto telecontrollo.

Si riporta di seguito un estratto della scheda tecnica del produttore GMR srl relativa all'apparecchio "La Foglia".

Corrente fissa

Il corpo illuminante è preimpostato in fabbrica con una corrente di pilotaggio fissa tra quelle standard indicate nelle tabelle di pagina 3. E' possibile impostare altre correnti su richiesta del cliente (custom).

Mezzanotte virtuale | Dimmerazione automatica del flusso luminoso

Il driver viene programmato per dimmerare automaticamente l'emissione luminosa in funzione dell'orario. Come previsto dalle norme, la massima emissione viene concentrata nelle prime e nelle ultime ore di accensione del corpo illuminante, statisticamente più trafficate, per poi diminuire nelle ore centrali del periodo di accensione. La regolazione avviene tramite un processo di auto-apprendimento dell'apparecchio, che determina il punto di mezzo tra l'istante di accensione e quello di spegnimento. Questo momento, definito "mezzanotte virtuale", costituisce il punto di riferimento per applicare la riduzione dell'emissione luminosa secondo il profilo desiderato. Possiamo gestire fino a 8h di programmazione attorno alla mezzanotte virtuale e fino a 5 step di dimmerazione. La regolazione dell'emissione luminosa si aggiorna quindi automaticamente, adattandosi alla durata della notte nell'arco dell'anno e tenendo sempre come riferimento i parametri preimpostati relativi al punto centrale tra accensione e spegnimento.

CLO | Compensazione del flusso luminoso

I LED sono soggetti ad un processo di decadimento prestazionale dovuto all'utilizzo. La diminuzione delle prestazioni può essere compensata tramite un aumento graduale della corrente di pilotaggio per tutto il periodo di vita impostata, ottenendo così un aumento graduale del flusso luminoso in uscita che compensa proporzionalmente quello decaduto naturalmente.

DALI2 | Sistema di controllo e monitoraggio

Su richiesta il corpo illuminante può essere equipaggiato con interfaccia di comunicazione DALI2. Questo protocollo prevede la possibilità di controllo e monitoraggio del corpo illuminante tramite bus di controllo DALI.

ZHAGA | Lumawise Zhaga Socket (4 PIN)

Il Lumawise Zhaga Socket 4 PIN è un connettore/presa a 4 PIN, IP66, piccolo e compatto, che maggiormente si sposa col design dei corpi illuminanti di GMR ENLIGHTS. La predisposizione con socket ZHAGA lumawise permette di installare i dispositivi, sensori, telecomandi ZHAGA sia contestualmente all'installazione che in una fase successiva. Questa socket è solitamente richiesta in accoppiata alla funzionalità DALI SENSOR, che prevede il protocollo di comunicazione DALI2 / DALI oltre a un'alimentazione ausiliaria di 12/24V per l'alimentazione dei sensori. Compatibile con soluzioni per il controllo punto punto wireless e le applicazioni SMART CITIES, per il controllo e monitoraggio dell'infrastruttura di illuminazione pubblica.

Esempio di regolazione a 4 step con mezzanotte virtuale

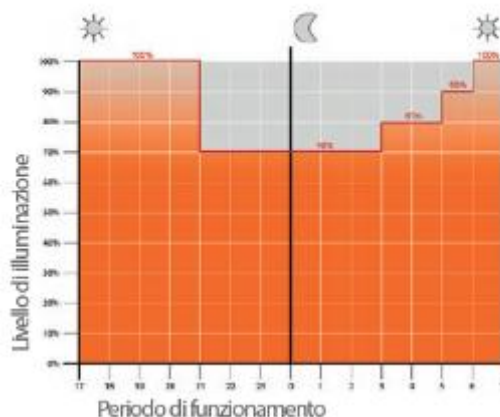
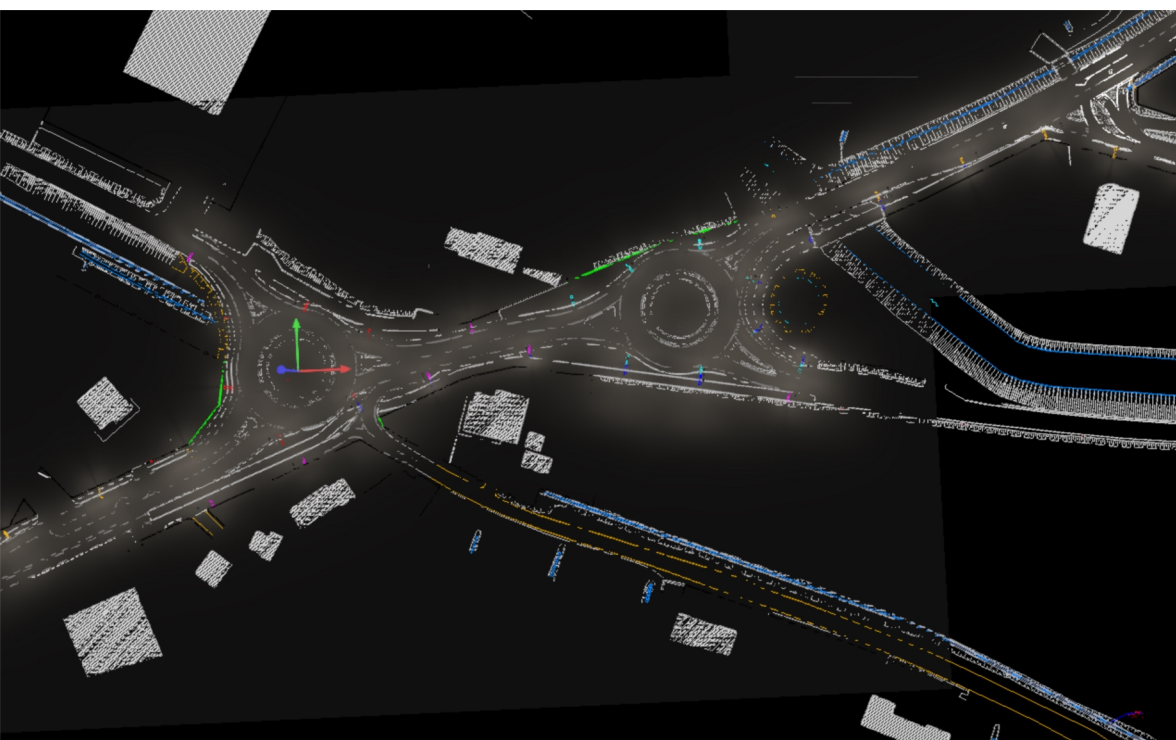
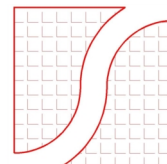
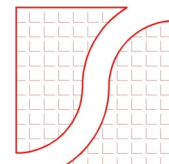


Figura 7 - Estratto sistema di dimmerazione tipo "mezzanotte virtuale".



Nuove rotatorie d'intersezione SP 42 - Jesolana, Via San Marco, Via Posteselle ed incrocio con via del Trinchet nel Comune di Jesolo



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Area 2

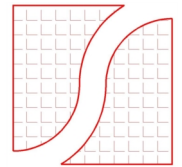
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Via Roma Sinistra (Categoria C2) · Alternativa 1

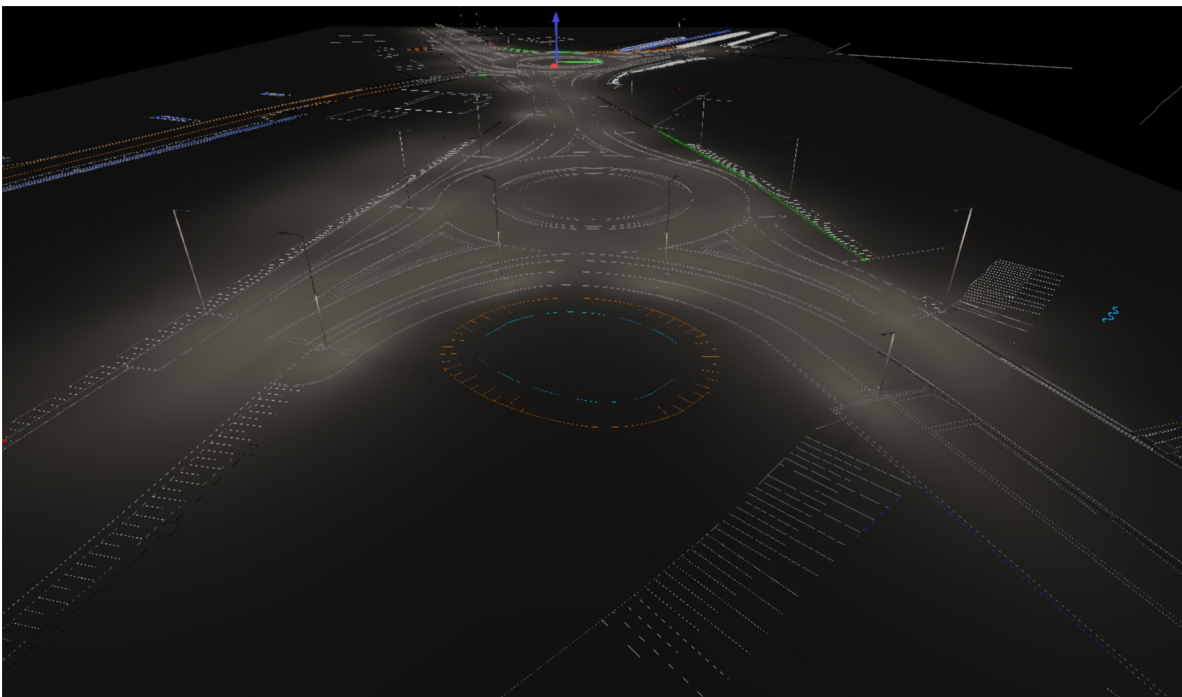
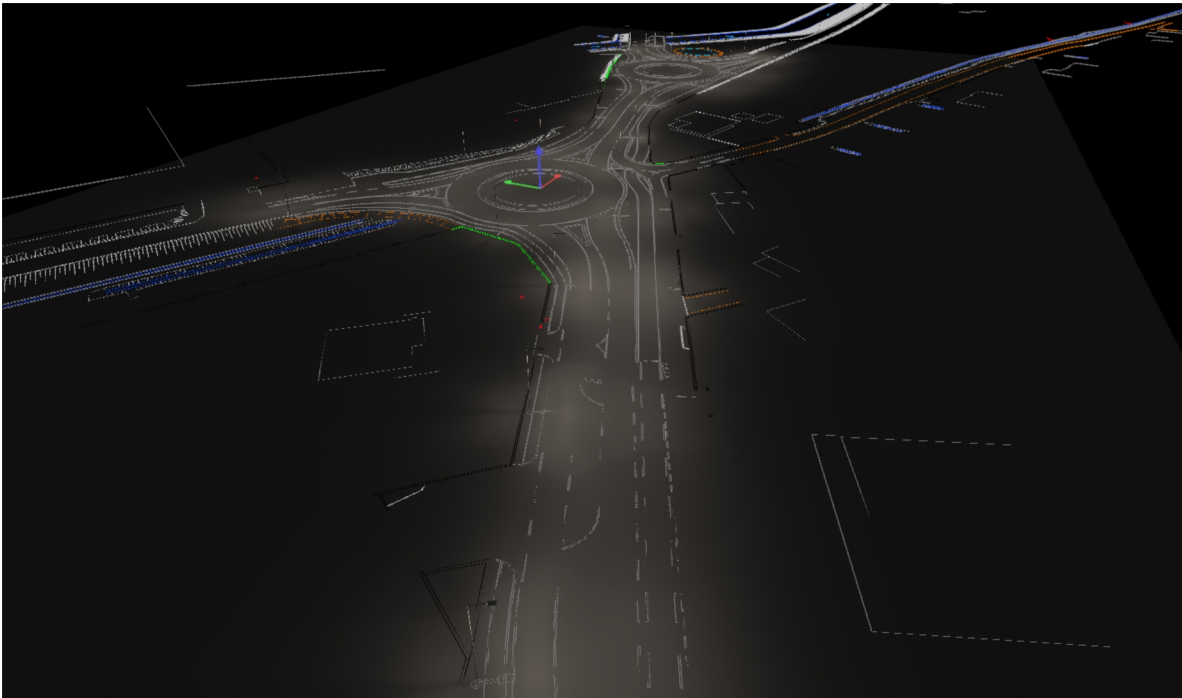
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Via Roma Sinistra (Categoria M3) · Alternativa 1

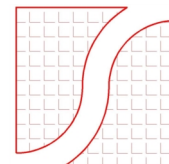
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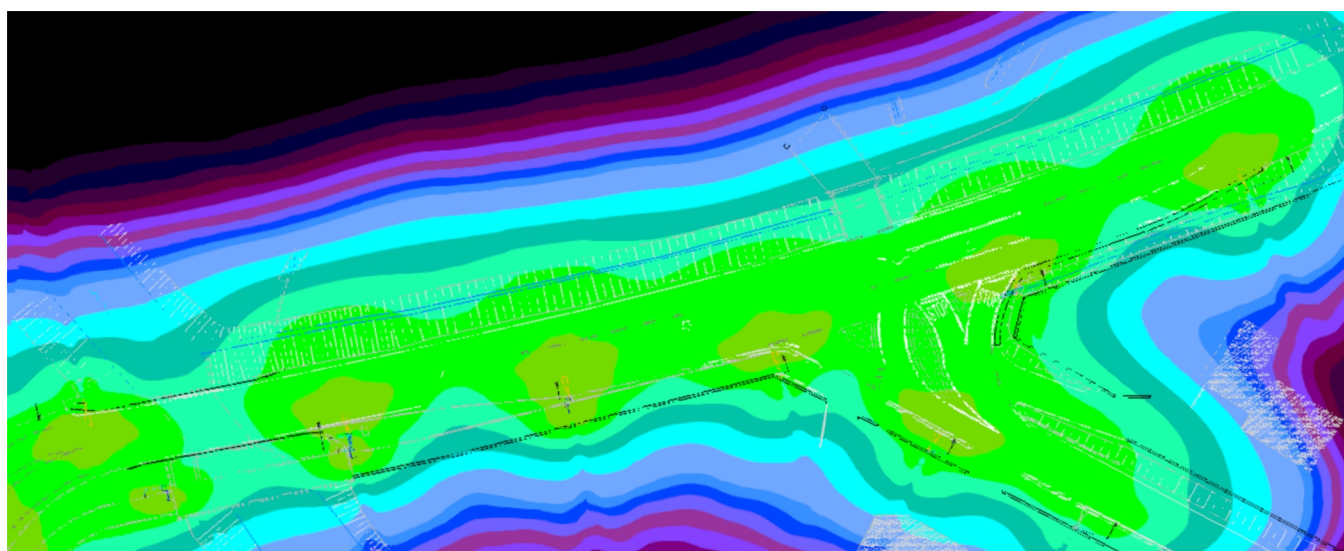
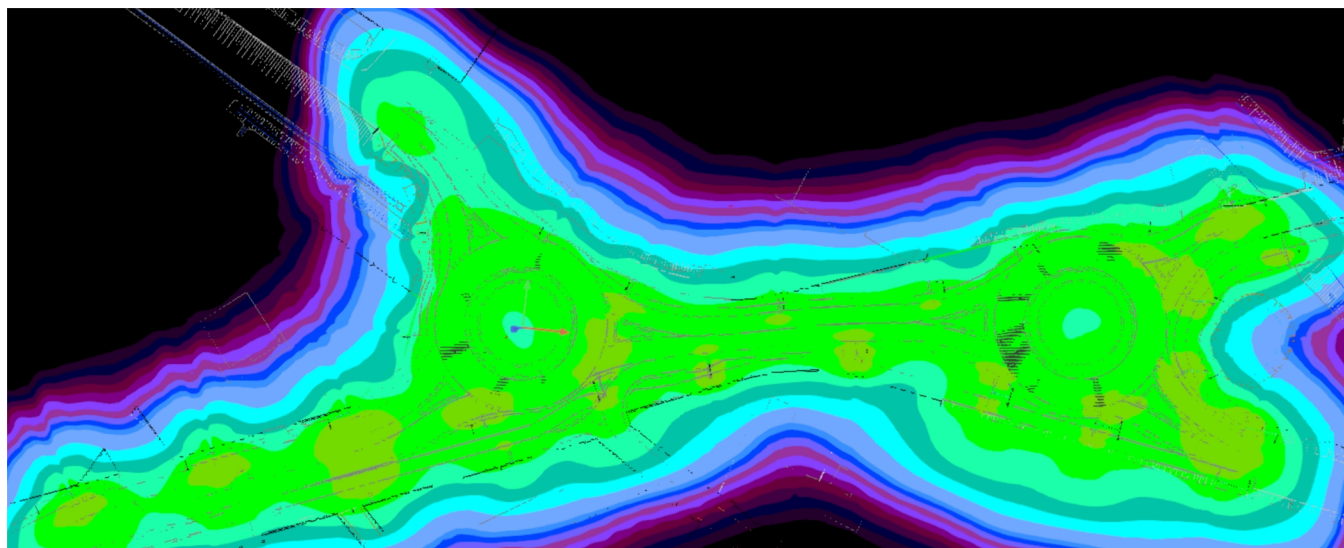
Immagini



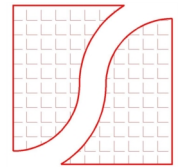
Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



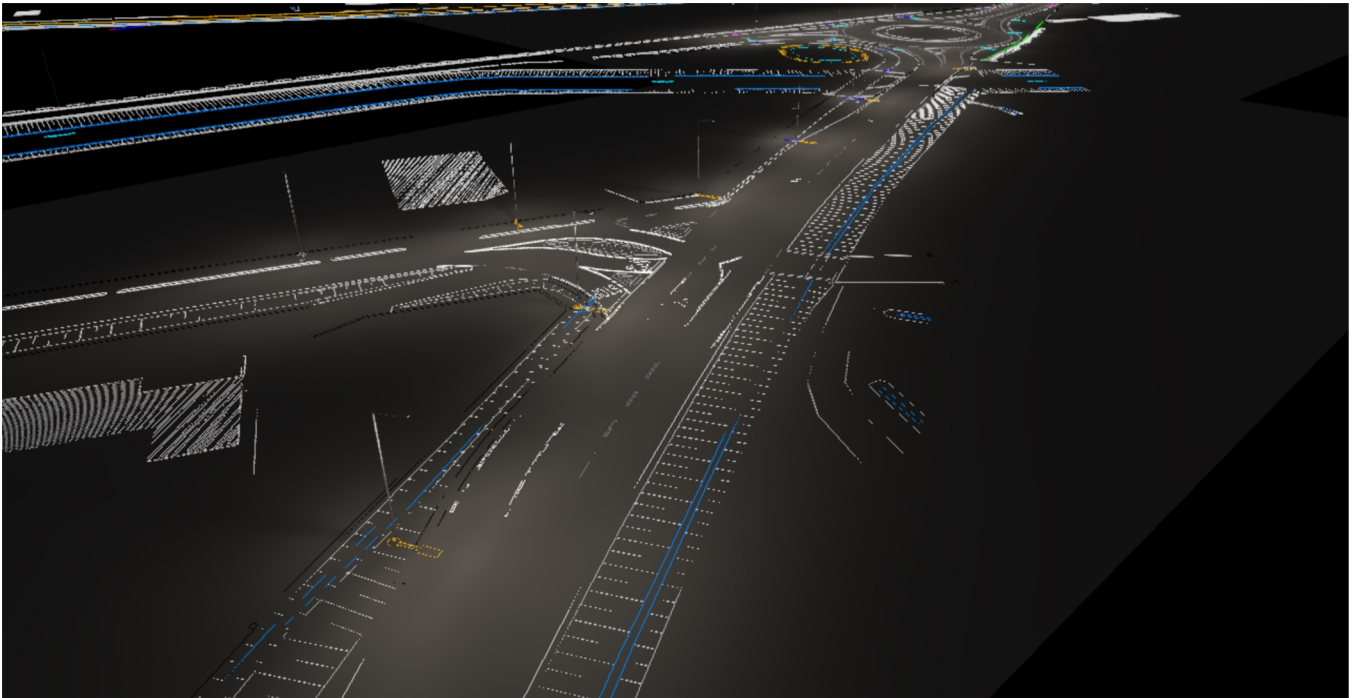
Immagini

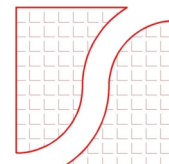


Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Immagini



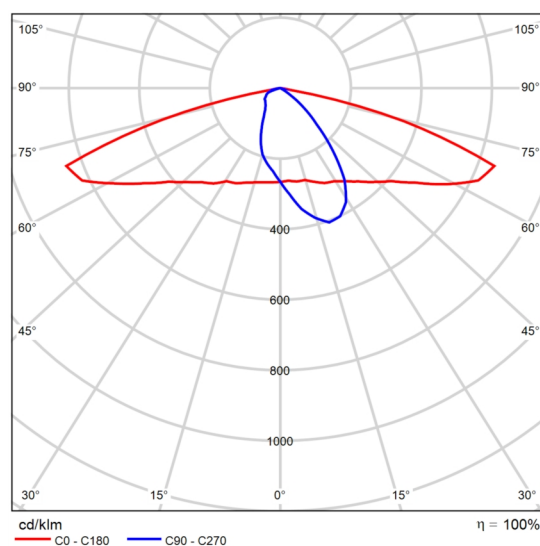


Scheda tecnica prodotto

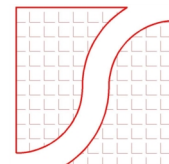
GMR ENLIGHTS - LF4_GL02_SS_350_3K_2A



Articolo No.	LF4_GL02_SS_350_3K_2A
P	9.0 W
$\Phi_{\text{Lampadina}}$	1417 lm
Φ_{Lampada}	1416 lm
η	99.94 %
Efficienza	157.3 lm/W
CCT	3000 K
CRI	70



CDL polare

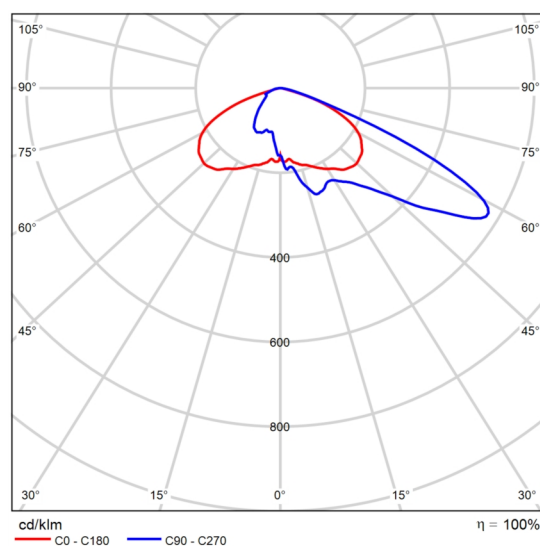


Scheda tecnica prodotto

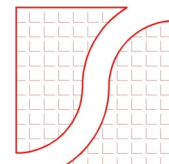
GMR ENLIGHTS - LF5_GL08_SS_525_3K_3C



Articolo No.	LF5_GL08_SS_525_3K_3C
P	50.5 W
$\Phi_{\text{Lampadina}}$	8133 lm
Φ_{Lampada}	8133 lm
η	100.00 %
Efficienza	161.0 lm/W
CCT	3000 K
CRI	70



CDL polare

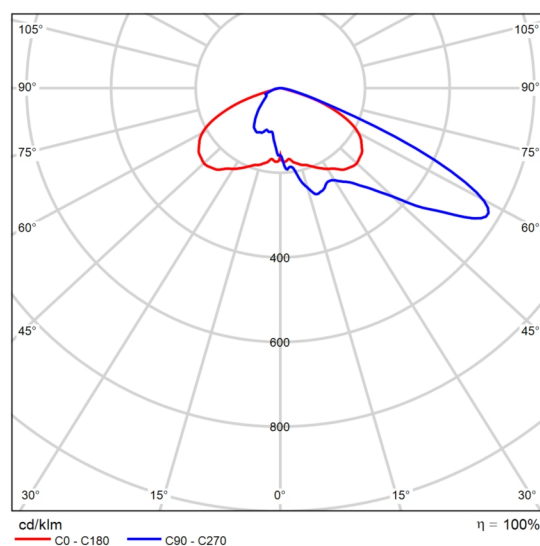


Scheda tecnica prodotto

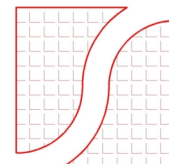
GMR ENLIGHTS - LF5_GL08_SS_1050_3K_3C



Articolo No.	LF5_GL08_SS_1050_3 K_3C
P	103.5 W
$\Phi_{\text{Lampadina}}$	13743 lm
Φ_{Lampada}	13743 lm
η	100.00 %
Efficienza	132.8 lm/W
CCT	3000 K
CRI	70

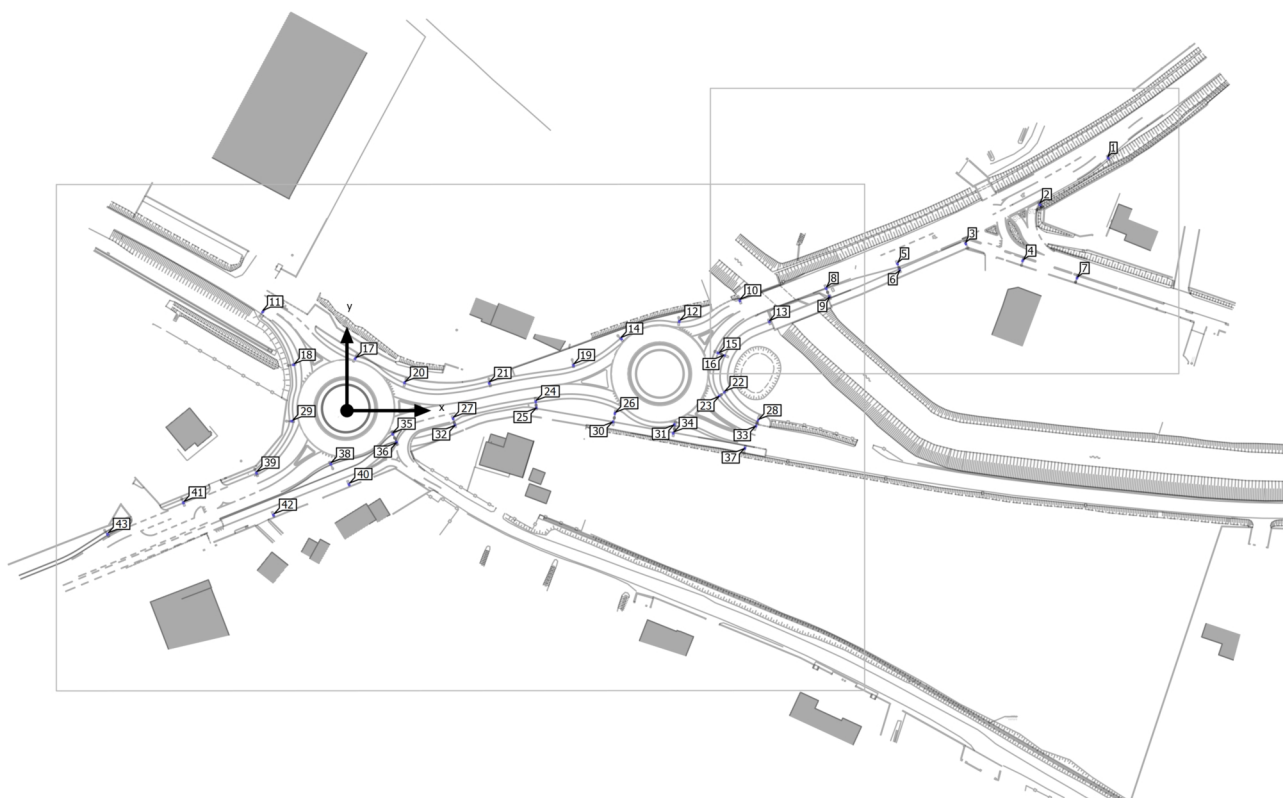


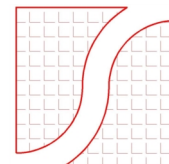
CDL polare



Area 2

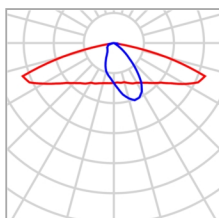
Disposizione lampade





Area 2

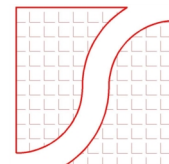
Disposizione lampade



Produttore	GMR ENLIGHTS	P	9.0 W
Articolo No.	LF4_GL02_SS_350_3K_2A	Φ_{Lampada}	1416 lm
Nome articolo	LF4_GL02_SS_350_3K_2A		
Dotazione	1x -		

Lampade singole

X	Y	Altezza di montaggio	Lampada
192.734 m	49.044 m	4.000 m	6
168.193 m	39.742 m	4.000 m	9
147.284 m	30.967 m	4.000 m	13
131.599 m	19.243 m	4.000 m	16
131.604 m	6.418 m	4.000 m	22
66.065 m	0.988 m	4.000 m	25
143.372 m	-3.375 m	4.000 m	28
37.645 m	-5.066 m	4.000 m	32



Area 2

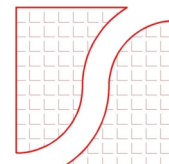
Disposizione lampade



Produttore	GMR ENLIGHTS	P	103.5 W
Articolo No.	LF5_GL08_SS_1050_3 K_3C	Φ_{Lampada}	13743 lm
Nome articolo	LF5_GL08_SS_1050_3 K_3C		
Dotazione	1x LF5_GL08_SS_1050_3 K_3C		

Lampade singole

X	Y	Altezza di montaggio	Lampada
265.446 m	88.093 m	8.000 m	1
241.658 m	71.851 m	8.000 m	2
215.763 m	58.188 m	8.000 m	3
235.578 m	52.312 m	8.000 m	4
191.978 m	51.211 m	8.000 m	5
167.098 m	42.609 m	8.000 m	8
136.985 m	38.334 m	8.000 m	10
-31.559 m	-21.759 m	8.000 m	39
-57.057 m	-32.140 m	8.000 m	41
-83.475 m	-43.122 m	8.000 m	43



Area 2

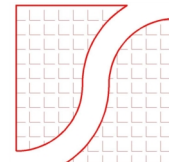
Disposizione lampade



Produttore	GMR ENLIGHTS	P	50.5 W
Articolo No.	LF5_GL08_SS_525_3K_3C	Φ_{Lampada}	8133 lm
Nome articolo	LF5_GL08_SS_525_3K_3C		
Dotazione	1x LF5_GL08_SS_525_3K_3C		

Lampade singole

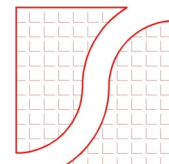
X	Y	Altezza di montaggio	Lampada
254.604 m	46.258 m	8.000 m	7
-29.373 m	34.455 m	8.000 m	11
115.905 m	31.099 m	8.000 m	12
95.681 m	25.053 m	8.000 m	14
129.453 m	20.056 m	8.000 m	15
2.911 m	18.181 m	8.000 m	17
-18.610 m	15.976 m	8.000 m	18
78.969 m	15.801 m	8.000 m	19
20.059 m	9.759 m	8.000 m	20
49.579 m	9.543 m	8.000 m	21
129.771 m	5.076 m	8.000 m	23
65.819 m	3.115 m	8.000 m	24



Area 2

Disposizione lampade

X	Y	Altezza di montaggio	Lampada
93.404 m	-0.962 m	8.000 m	26
37.010 m	-2.779 m	8.000 m	27
-19.243 m	-3.637 m	8.000 m	29
92.723 m	-3.925 m	8.000 m	30
114.144 m	-4.857 m	8.000 m	31
142.650 m	-5.389 m	8.000 m	33
113.737 m	-7.865 m	8.000 m	34
15.965 m	-8.192 m	8.000 m	35
17.281 m	-10.998 m	8.000 m	36
138.772 m	-13.112 m	8.000 m	37
-5.590 m	-18.586 m	8.000 m	38
0.714 m	-25.756 m	8.000 m	40
-25.642 m	-36.443 m	8.000 m	42

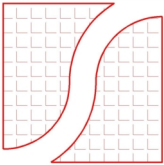


Area 2

Lista lampade

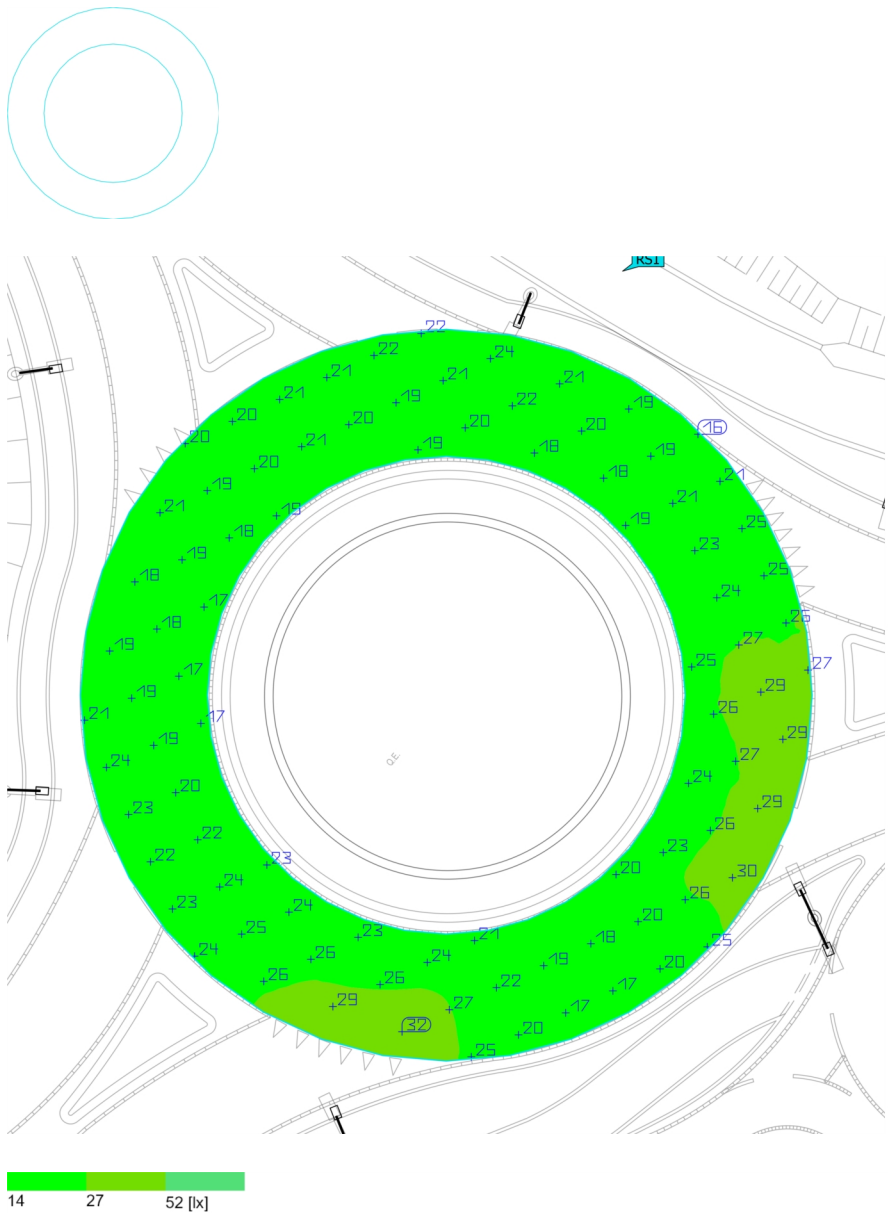
Φ_{totale} 352083 lm	P_{totale} 2369.5 W	Efficienza 148.6 lm/W
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Pz.	Produttore	Articolo No.	Nome articolo	P	Φ	Efficienza
8	GMR ENLIGHTS	LF4_GL02_S S_350_3K_2 A	LF4_GL02_SS_350_3K_2A	9.0 W	1416 lm	157.3 lm/W
10	GMR ENLIGHTS	LF5_GL08_S S_1050_3K_ 3C	LF5_GL08_SS_1050_3K_3C	103.5 W	13743 lm	132.8 lm/W
25	GMR ENLIGHTS	LF5_GL08_S S_525_3K_3 C	LF5_GL08_SS_525_3K_3C	50.5 W	8133 lm	161.0 lm/W



Area 2 (Scena luce 1)

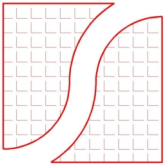
Rotatoria 1 (Sx)



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Rotatoria 1 (Sx) Illuminamento perpendicolare (adattivo) Altezza: 0.000 m	22.2 lx	16.1 lx	34.6 lx	0.73	0.47	RS1

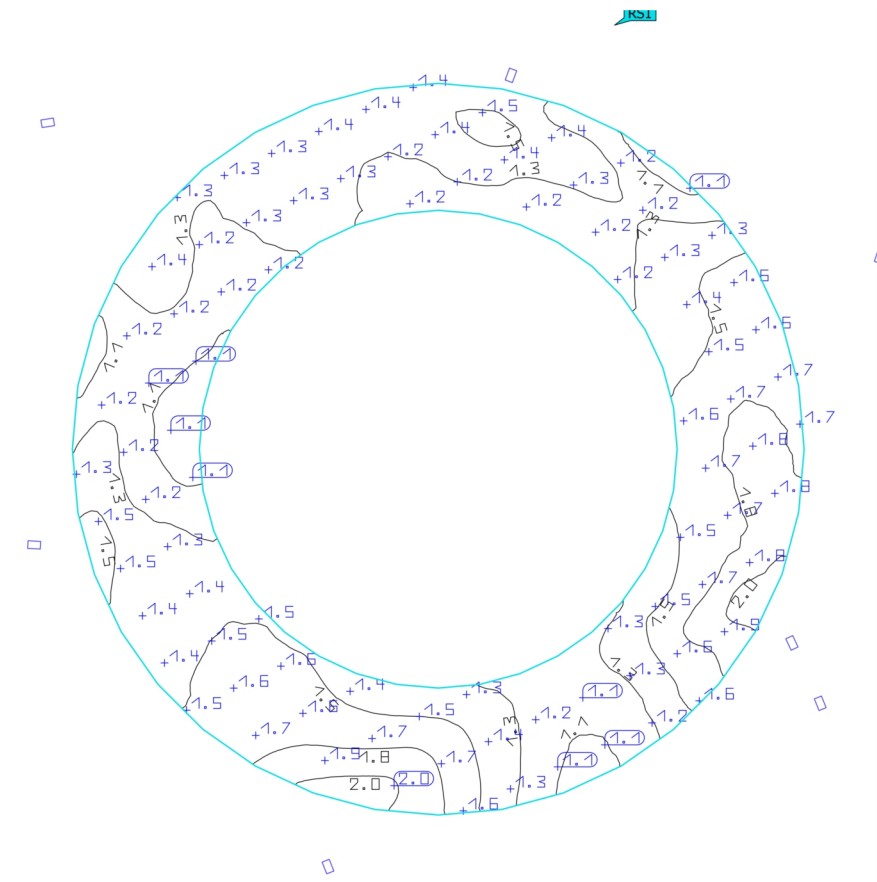
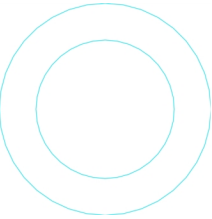
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

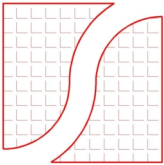
Rotatoria 1 (Sx)



Proprietà	Ø	min.	max	U _o (g ₁)	g ₂	Indice
Rotatoria 1 (Sx)	1.41 cd/m ²	1.03 cd/m ²	2.20 cd/m ²	0.73	0.47	RS1
Luminanza						
Altezza: 0.000 m						

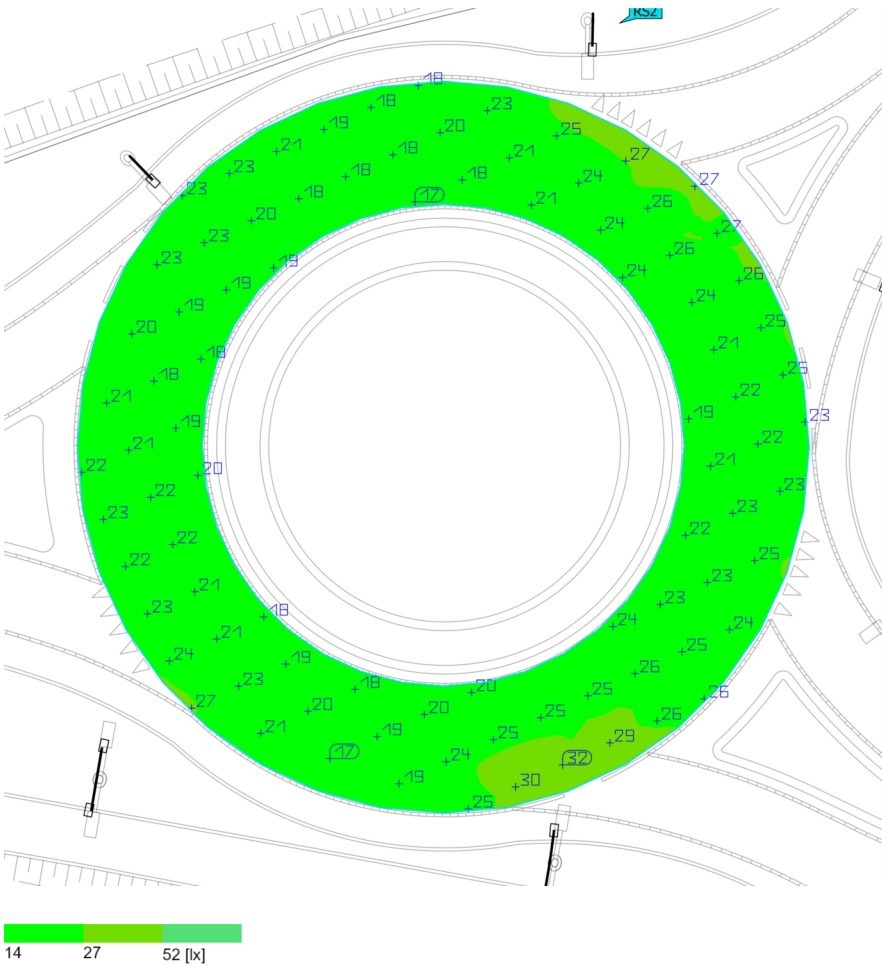
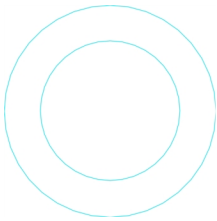
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

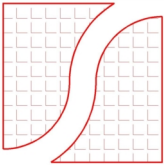
Rotatoria 2 (Dx)



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Rotatoria 2 (Dx) Illuminamento perpendicolare (adattivo) Altezza: 0.000 m	22.2 lx	15.8 lx	34.2 lx	0.71	0.46	RS2

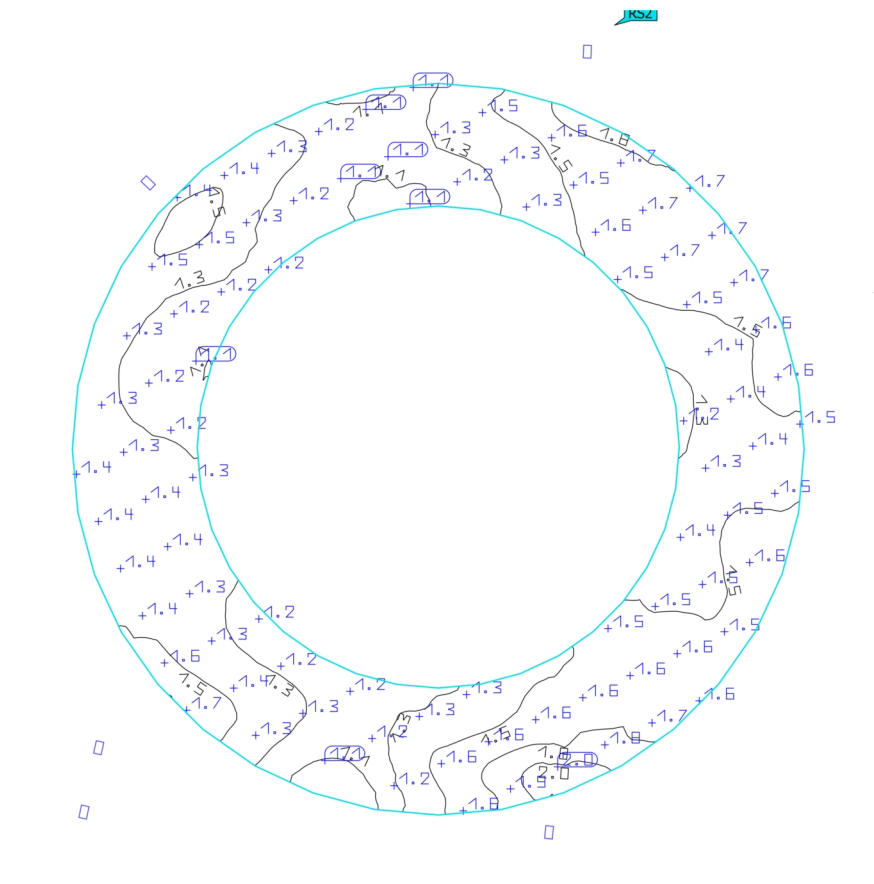
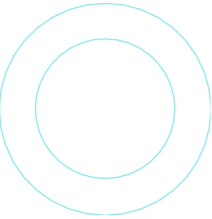
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

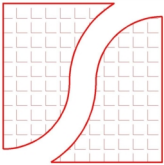
Rotatoria 2 (Dx)



Proprietà	Ø	min.	max	U _o (g ₁)	g ₂	Indice
Rotatoria 2 (Dx)	1.41 cd/m ²	1.01 cd/m ²	2.17 cd/m ²	0.72	0.47	RS2
Luminanza						
Altezza: 0.000 m						

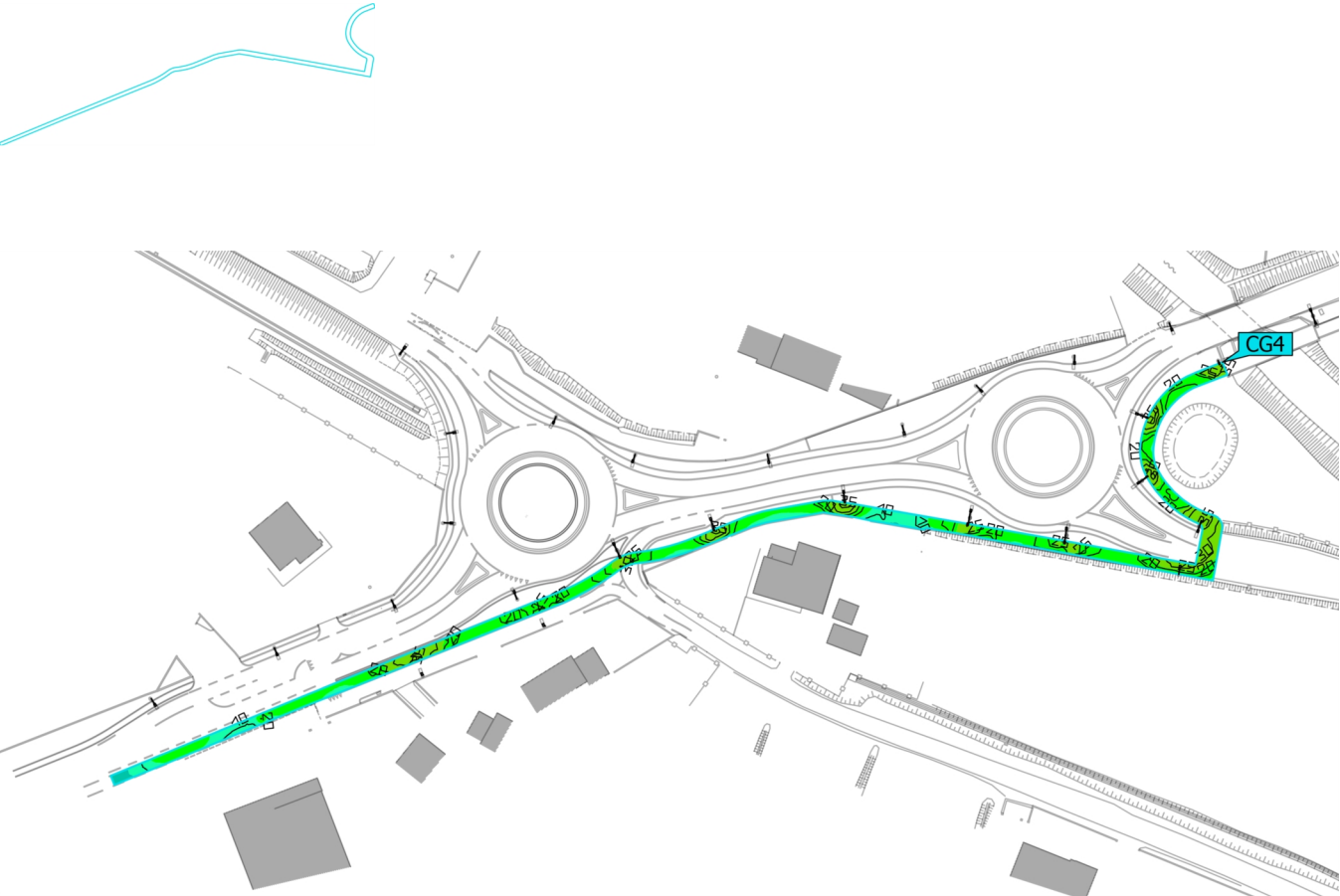
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

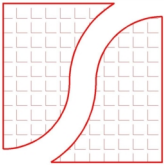
Pista ciclopedonale



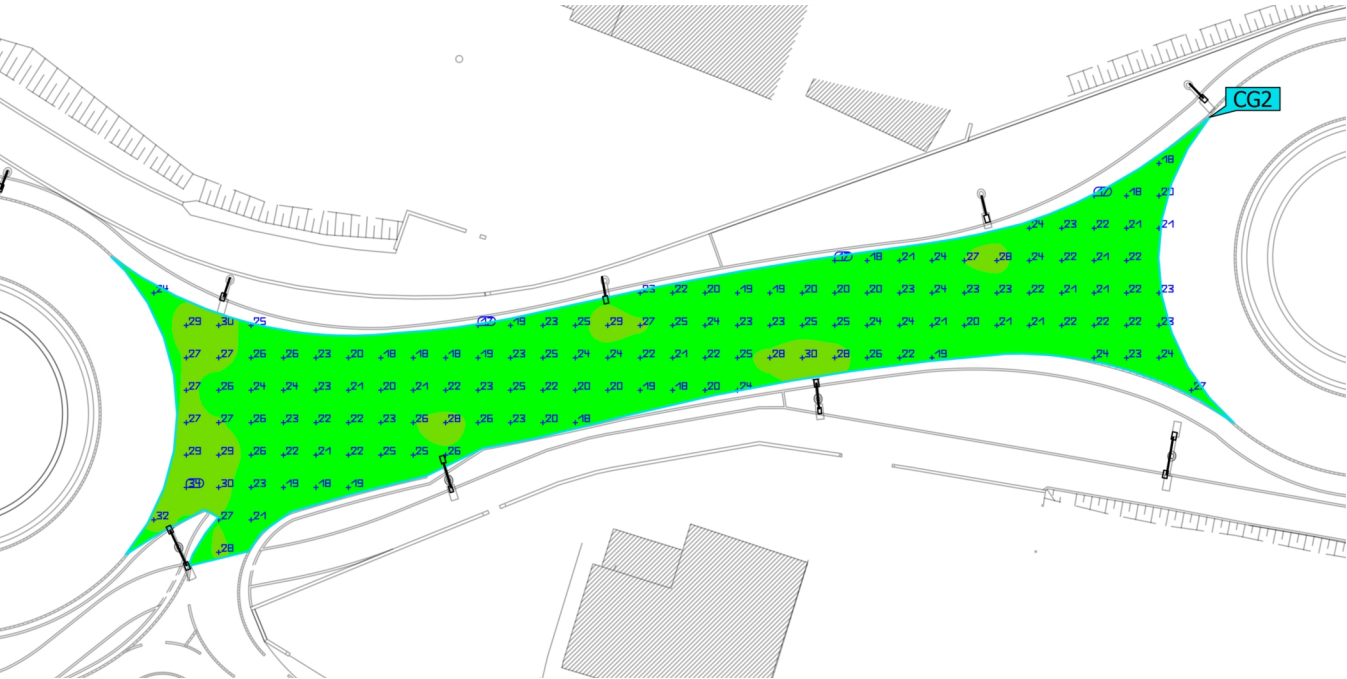
Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Pista ciclopedonale Illuminamento perpendicolare Altezza: 0.000 m	21.5 lx	5.06 lx	39.9 lx	0.24	0.13	CG4

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



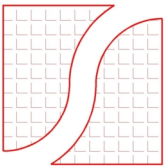
Area 2 (Scena luce 1)
Raccordo tra le due rotonde



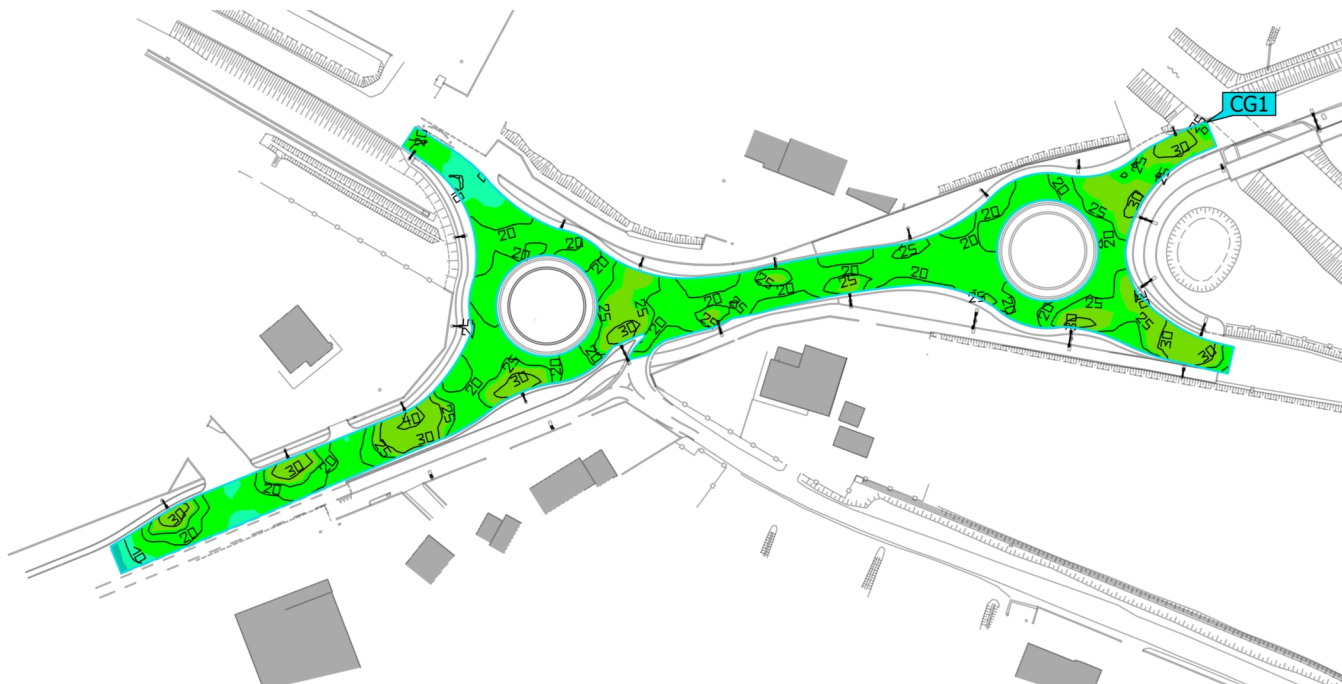
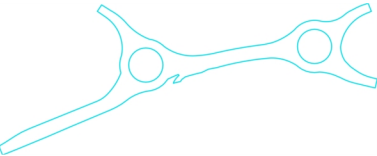
Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Raccordo tra le due rotonde Illuminamento perpendicolare Altezza: 0.000 m	23.1 lx	16.7 lx	33.6 lx	0.72	0.50	CG2

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



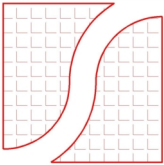
Area 2 (Scena luce 1)
Complessivo rotonde



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Complessivo rotonde Illuminamento perpendicolare Altezza: 0.000 m	23.1 lx	5.79 lx	45.2 lx	0.25	0.13	CG1

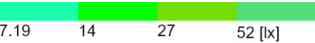
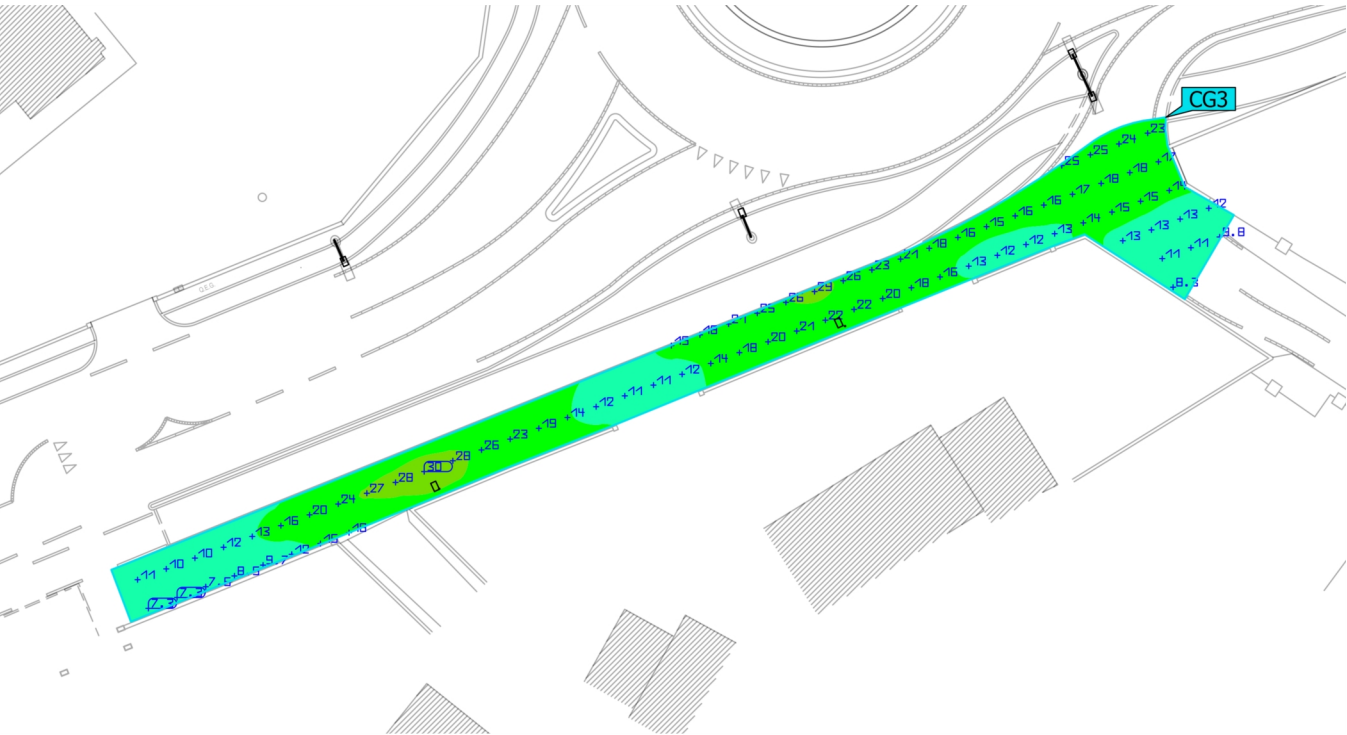
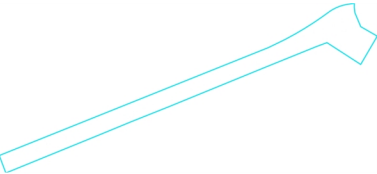
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

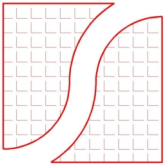
Via del Re



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Via del Re Illuminamento perpendicolare Altezza: 0.000 m	16.9 lx	7.27 lx	29.9 lx	0.43	0.24	CG3

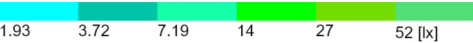
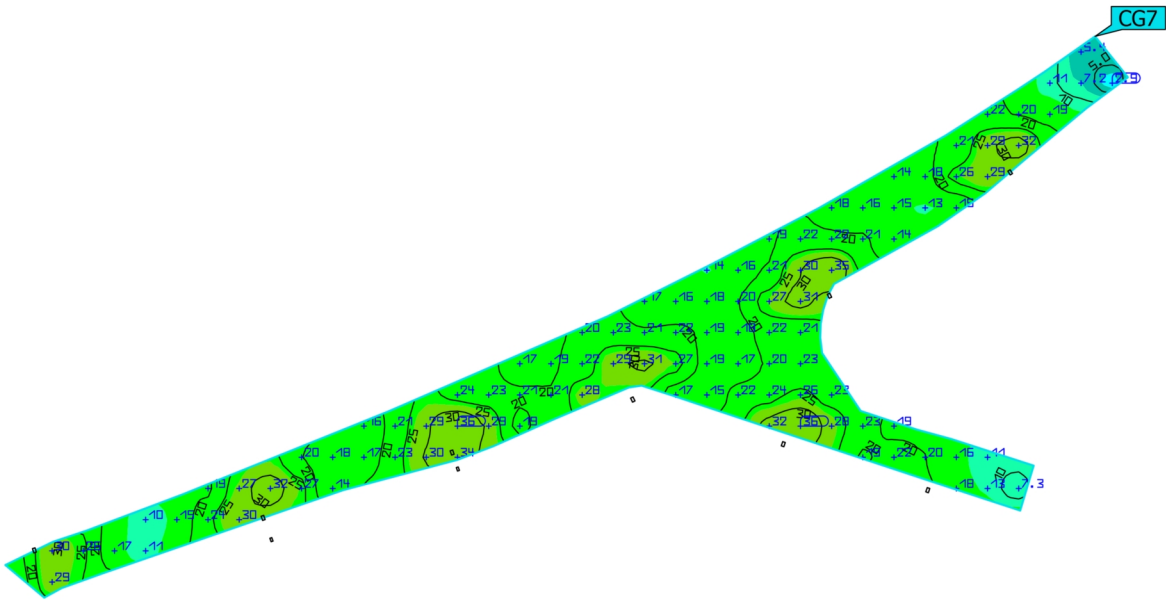
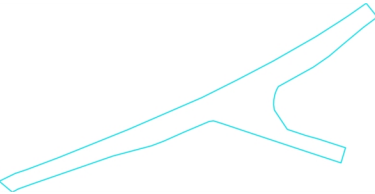
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

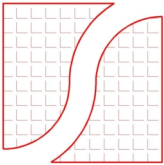
Comlessivo Via trinchet



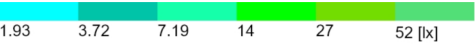
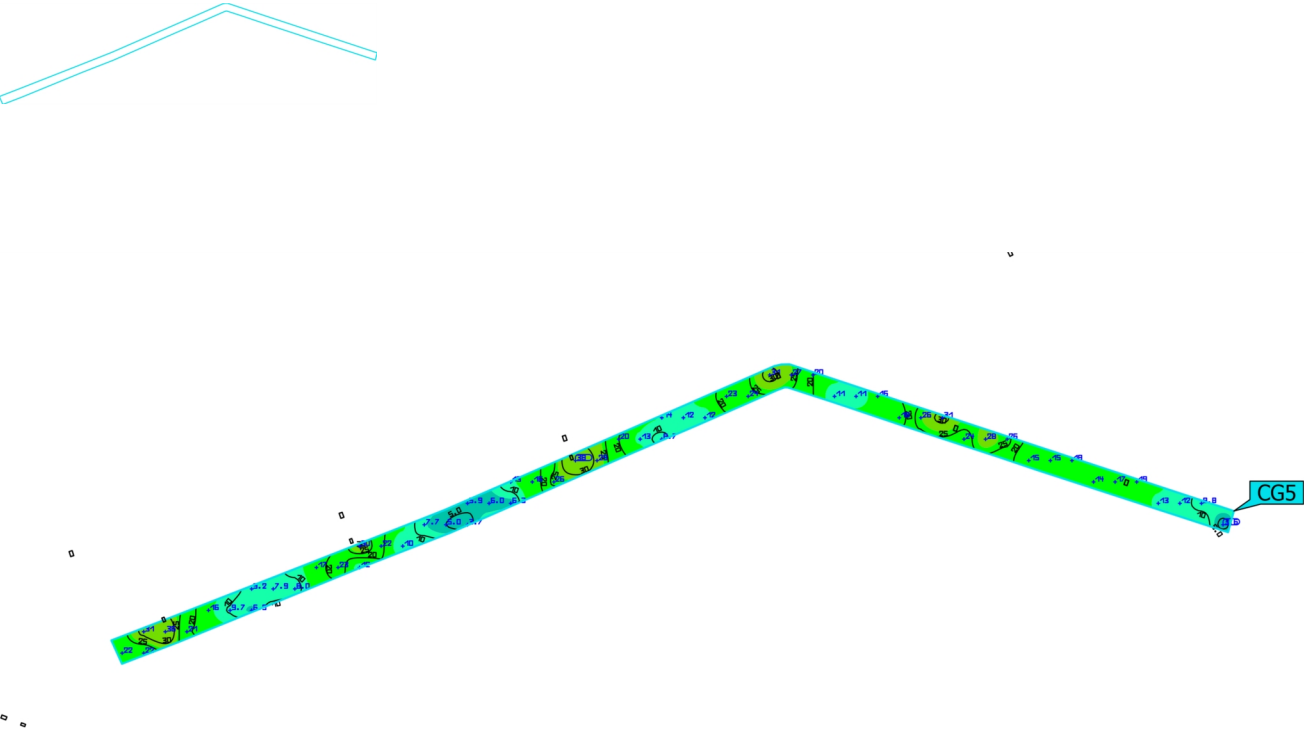
Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Comlessivo Via trinchet Illuminamento perpendicolare Altezza: -0.000 m	21.1 lx	2.88 lx	36.3 lx	0.14	0.079	CG7

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



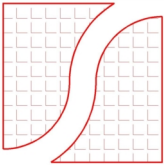
Area 2 (Scena luce 1)
Ciclabile verso via Trinchet



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Ciclabile verso via Trinchet Illuminamento perpendicolare Altezza: -0.000 m	17.0 lx	3.62 lx	37.9 lx	0.21	0.096	CG5

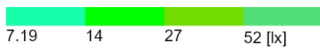
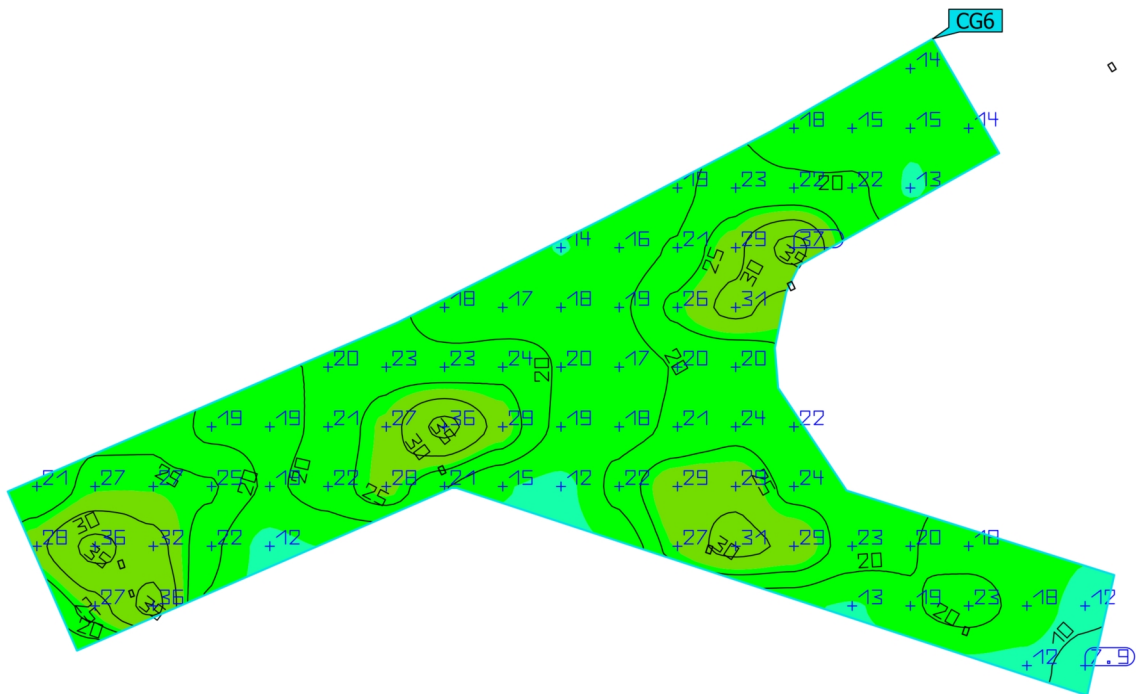
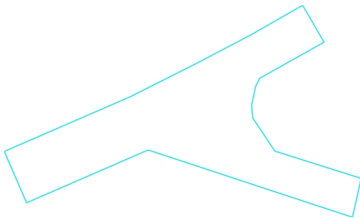
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

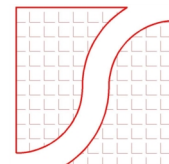
Incrocio via Trinchet



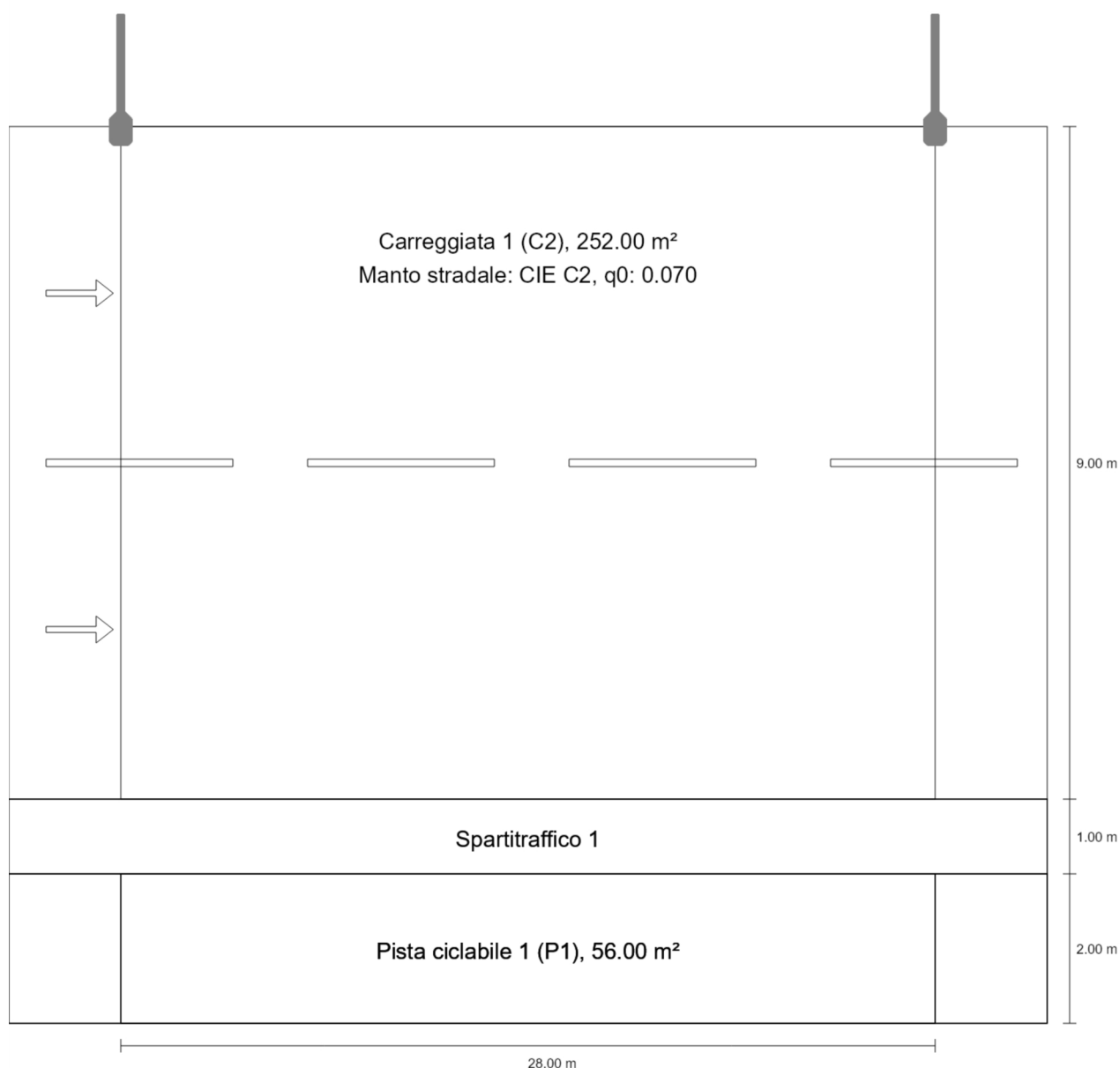
Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Incrocio via Trinchet Illuminamento perpendicolare Altezza: 0.000 m	21.7 lx	7.86 lx	36.6 lx	0.36	0.21	CG6

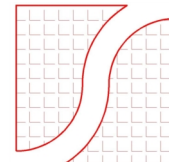
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).

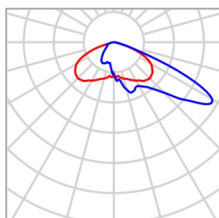


Riepilogo (in direzione EN 13201:2015)

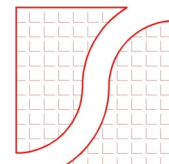




Riepilogo (in direzione EN 13201:2015)



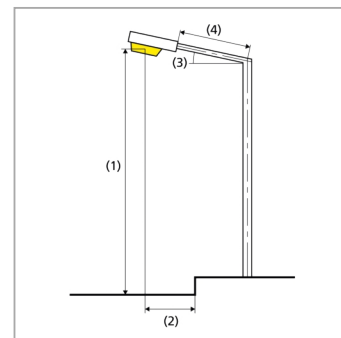
Produttore	GMR ENLIGHTS	P	103.5 W
Articolo No.	LF5_GL08_SS_1050_3 K_3C	$\Phi_{Lampadina}$	13743 lm
Nome articolo	LF5_GL08_SS_1050_3 K_3C	$\Phi_{Lampada}$	13743 lm
Dotazione	1x LF5_GL08_SS_1050_3 K_3C	η	100.00 %

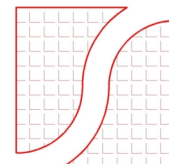


Riepilogo (in direzione EN 13201:2015)

LF5_GL08_SS_1050_3K_3C (su un lato sopra)

Distanza pali	28.000 m
(1) Altezza fuochi	8.000 m
(2) Distanza fuochi	0.000 m
(3) Inclinazione braccio	0.0°
(4) Lunghezza braccio	1.500 m
Ore di esercizio annuali	4000 h: 100.0 %, 103.5 W
Potenza / percorso	3726.0 W/km
ULR / ULOR	0.00 / 0.00
Max. intensità luminose Per tutte le direzioni che, per le lampade installate e utilizzabili, formano l'angolo indicato con le verticali inferiori.	$\geq 70^\circ$: 488 cd/klm $\geq 80^\circ$: 37.8 cd/klm $\geq 90^\circ$: 1.23 cd/klm
Classe intensità luminose I valori intensità luminosa in [cd/klm] per calcolare la classe intensità luminosa si riferiscono, conformemente alla EN 13201:2015, al flusso luminoso lampade.	G*4
Classe indici di abbagliamento	D.4
MF	0.80





Riepilogo (in direzione EN 13201:2015)

Risultati per i campi di valutazione

Per l'installazione è stato previsto un fattore di manutenzione di 0.80.

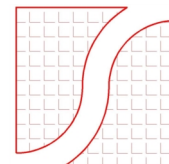
	Unità	Calcolato	Nominale	OK
Carreggiata 1 (C2)	E_m	20.90 lx	≥ 20.00 lx	✓
	U_o	0.50	≥ 0.40	✓
	$TI^{(1)}$	7 %	–	
Pista ciclabile 1 (P1)	E_m	15.52 lx	[15.00 - 22.50] lx	✓
	E_{min}	11.51 lx	≥ 3.00 lx	✓

(1) Informazione, non fa parte della valutazione

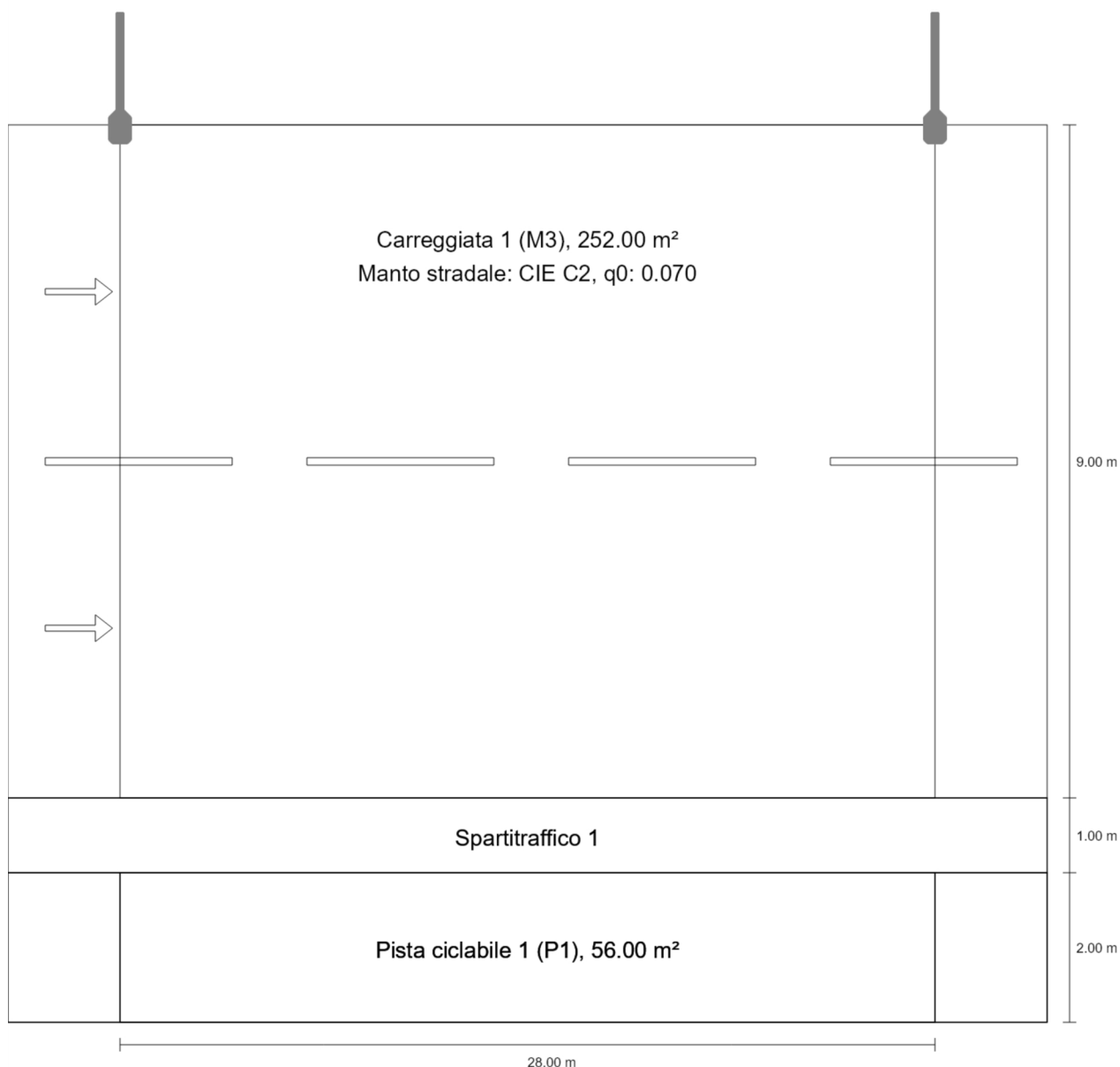
Risultati per gli indicatori dell'efficienza energetica

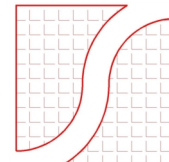
	Unità	Calcolato	Consumo di energia
Via Roma Sinistra (Categoria C2)	D_p	0.017 W/lx*m ²	–
LF5_GL08_SS_1050_3K_3C (su un lato sopra)	D_e	1.3 kWh/m ² anno	414.0 kWh/anno
LF5_GL08_SS_1050_3K_3C (Illuminazione stradale)	IPEA*	A5+ (1.60)	–
LF5_GL08_SS_1050_3K_3C (su un lato sopra - Illuminazione stradale)	IPEI*	Non definito ⁽¹⁾	–

(1) L'IPEI* non è definito per la combinazione selezionata del tipo di applicazione e della classe di illuminazione.

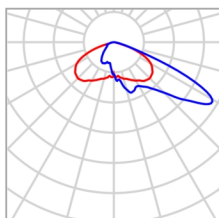


Riepilogo (in direzione EN 13201:2015)

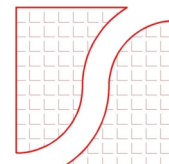




Riepilogo (in direzione EN 13201:2015)



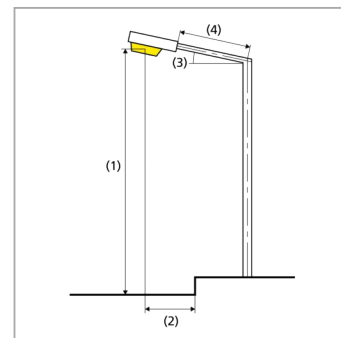
Produttore	GMR ENLIGHTS	P	103.5 W
Articolo No.	LF5_GL08_SS_1050_3 K_3C	$\Phi_{\text{Lampadina}}$	13743 lm
Nome articolo	LF5_GL08_SS_1050_3 K_3C	Φ_{Lampada}	13743 lm
Dotazione	1x LF5_GL08_SS_1050_3 K_3C	η	100.00 %

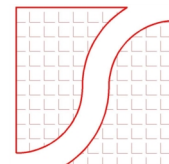


Riepilogo (in direzione EN 13201:2015)

LF5_GL08_SS_1050_3K_3C (su un lato sopra)

Distanza pali	28.000 m
(1) Altezza fuochi	8.000 m
(2) Distanza fuochi	0.000 m
(3) Inclinazione braccio	0.0°
(4) Lunghezza braccio	1.500 m
Ore di esercizio annuali	4000 h: 100.0 %, 103.5 W
Potenza / percorso	3726.0 W/km
ULR / ULOR	0.00 / 0.00
Max. intensità luminose Per tutte le direzioni che, per le lampade installate e utilizzabili, formano l'angolo indicato con le verticali inferiori.	$\geq 70^\circ$: 488 cd/klm $\geq 80^\circ$: 37.8 cd/klm $\geq 90^\circ$: 1.23 cd/klm
Classe intensità luminose I valori intensità luminosa in [cd/klm] per calcolare la classe intensità luminosa si riferiscono, conformemente alla EN 13201:2015, al flusso luminoso lampade.	G*4
Classe indici di abbagliamento	D.4
MF	0.80





Riepilogo (in direzione EN 13201:2015)

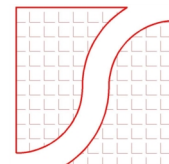
Risultati per i campi di valutazione

Per l'installazione è stato previsto un fattore di manutenzione di 0.80.

	Unità	Calcolato	Nominale	OK
Carreggiata 1 (M3)	L_m	1.18 cd/m ²	≥ 1.00 cd/m ²	✓
	U_o	0.63	≥ 0.40	✓
	U_l	0.72	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓
	R_{EI}	0.51	≥ 0.30	✓
Pista ciclabile 1 (P1)	E_m	15.52 lx	[15.00 - 22.50] lx	✓
	E_{min}	11.51 lx	≥ 3.00 lx	✓

Risultati per gli indicatori dell'efficienza energetica

	Unità	Calcolato	Consumo di energia
Via Roma Sinistra (Categoria M3)	D_p	0.017 W/lx*m ²	–
LF5_GL08_SS_1050_3K_3C (su un lato sopra)	D_e	1.3 kWh/m ² anno	414.0 kWh/anno
LF5_GL08_SS_1050_3K_3C (Illuminazione stradale)	IPEA*	A5+ (1.60)	–
LF5_GL08_SS_1050_3K_3C (su un lato sopra - Illuminazione stradale)	IPEI*	A4+ (0.42)	–



Contenuto

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Scheda prodotto

GMR ENLIGHTS - LF4_GL02_SS_350_3K_2A (1x -)	6
GMR ENLIGHTS - LF5_GL08_SS_525_3K_3C (1x LF5_GL08_SS_525_3K_3C)	7
GMR ENLIGHTS - LF5_GL08_SS_1050_3K_3C (1x LF5_GL08_SS_1050_3K_3C)	8

Area 2

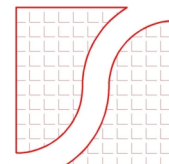
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Rotatoria 1 (Sx) / Scena luce 1 / Illuminamento perpendicolare (adattivo)	15
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Rotatoria 2 (Dx) / Scena luce 1 / Luminanza	18
Pista ciclopedonale / Scena luce 1 / Illuminamento perpendicolare	19
Raccordo tra le due rotonde / Scena luce 1 / Illuminamento perpendicolare	20
Complessivo rotonde / Scena luce 1 / Illuminamento perpendicolare	21
Via del Re / Scena luce 1 / Illuminamento perpendicolare	22
Complessivo Via trinchet / Scena luce 1 / Illuminamento perpendicolare	23
Ciclabile verso via Trinchet / Scena luce 1 / Illuminamento perpendicolare	24
Incrocio via Trinchet / Scena luce 1 / Illuminamento perpendicolare	25

Via Roma Sinistra (Categoria C2) · Alternativa 1

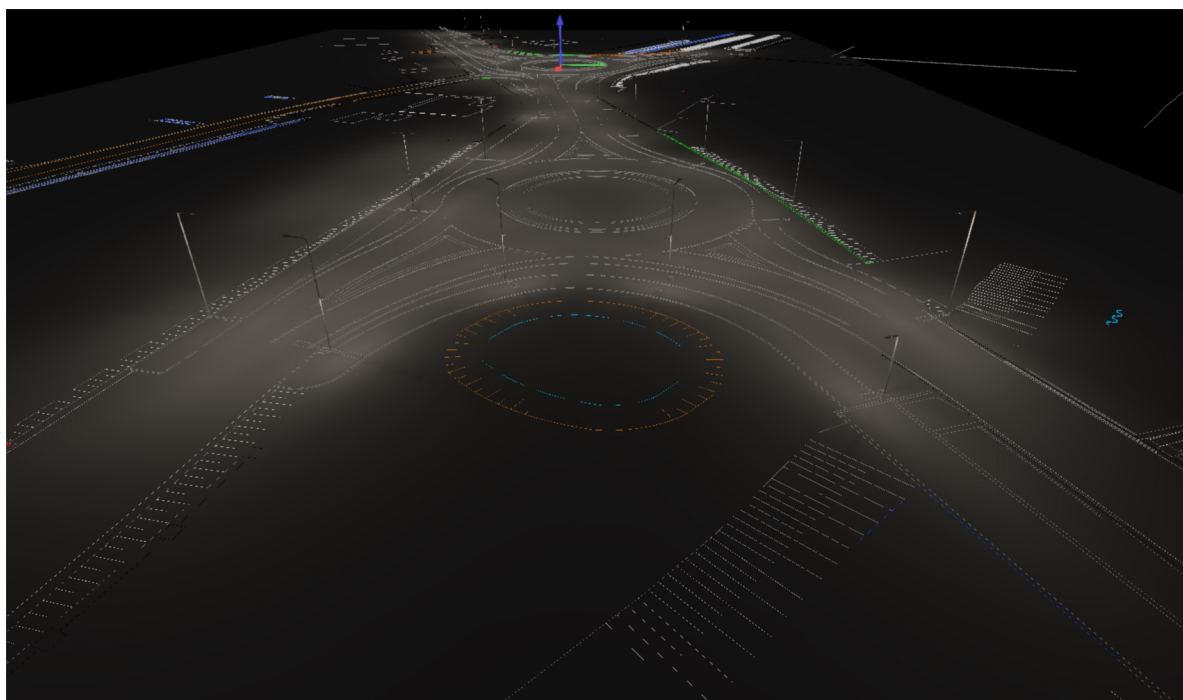
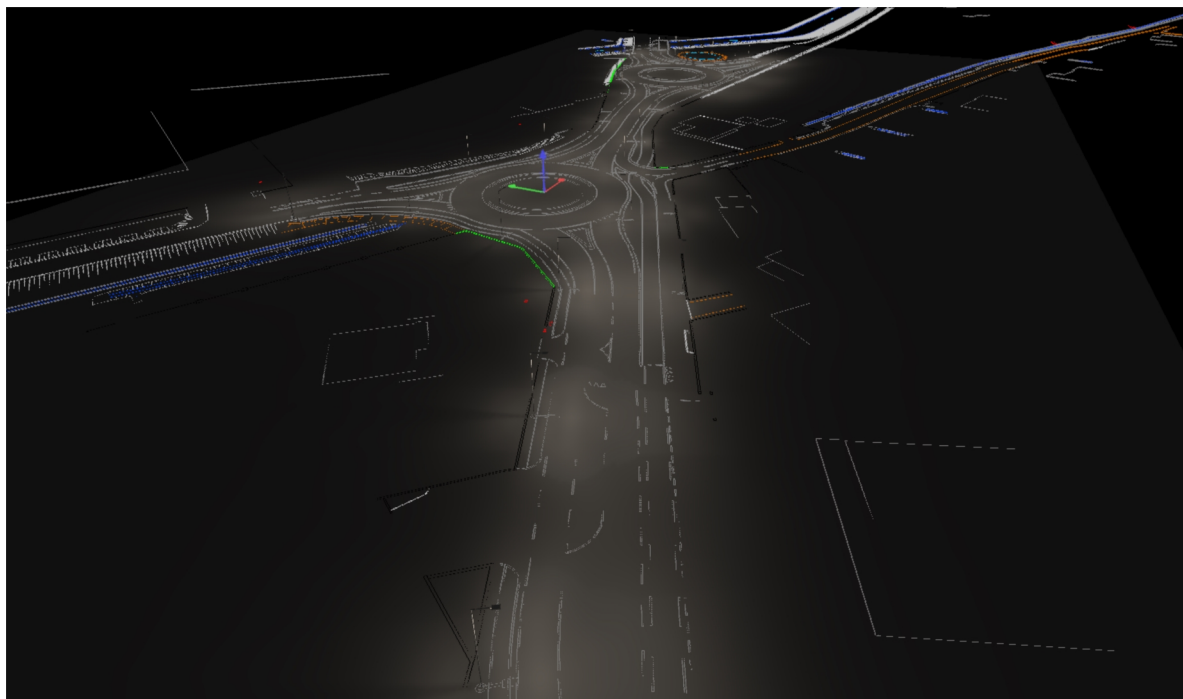
Riepilogo (in direzione EN 13201:2015)	26
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Via Roma Sinistra (Categoria M3) · Alternativa 1

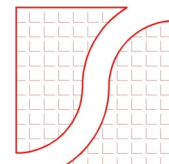
Riepilogo (in direzione EN 13201:2015)	30
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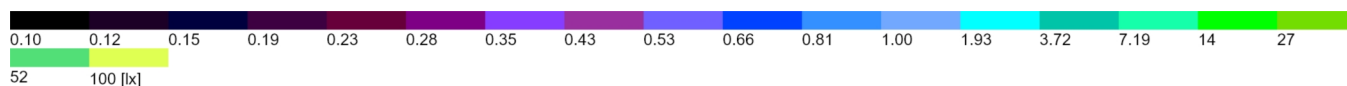
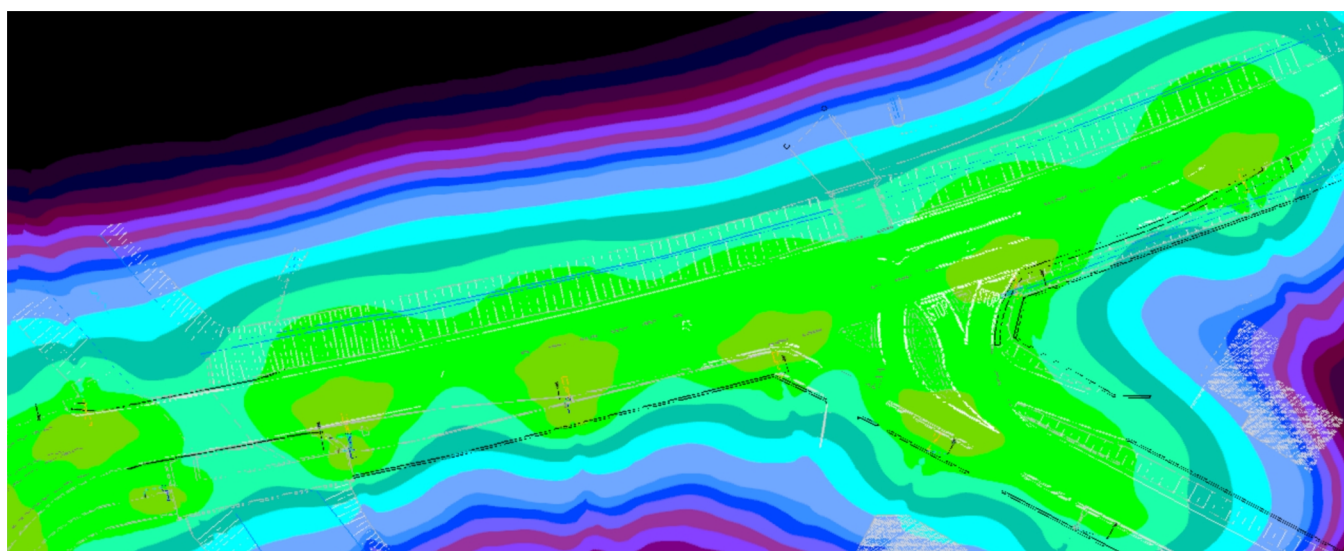
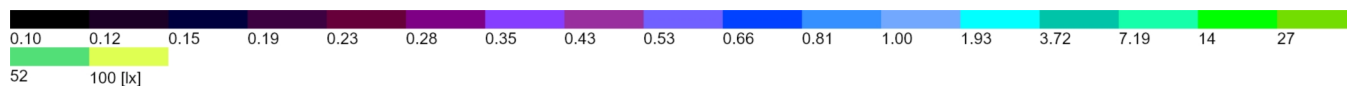
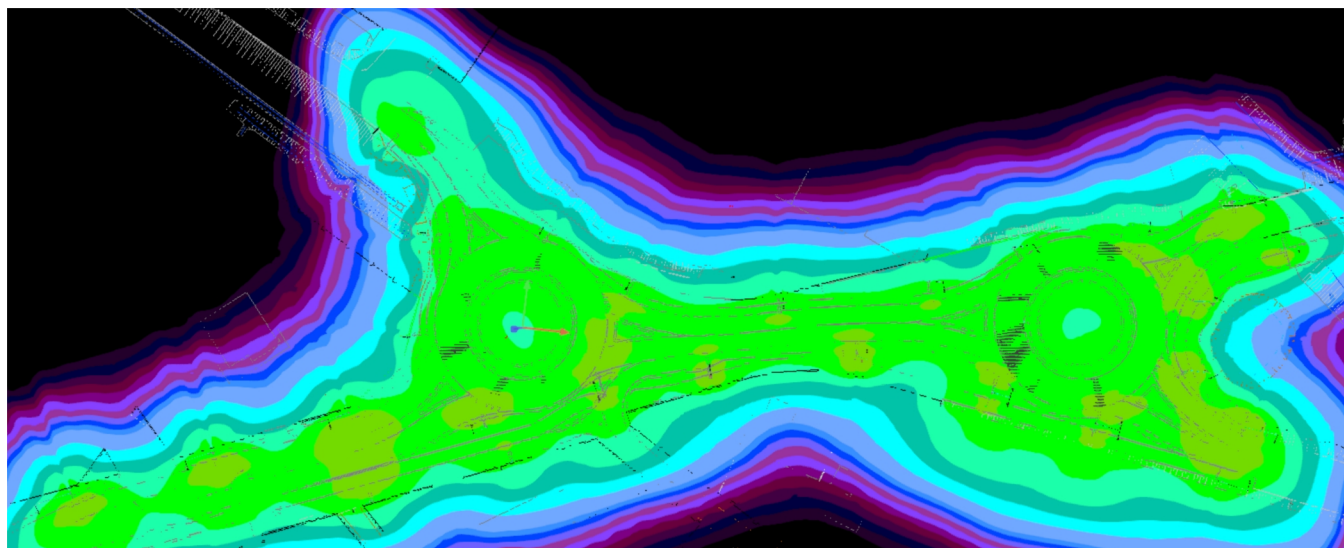
Immagini



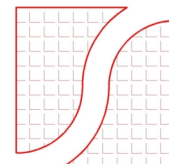
Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



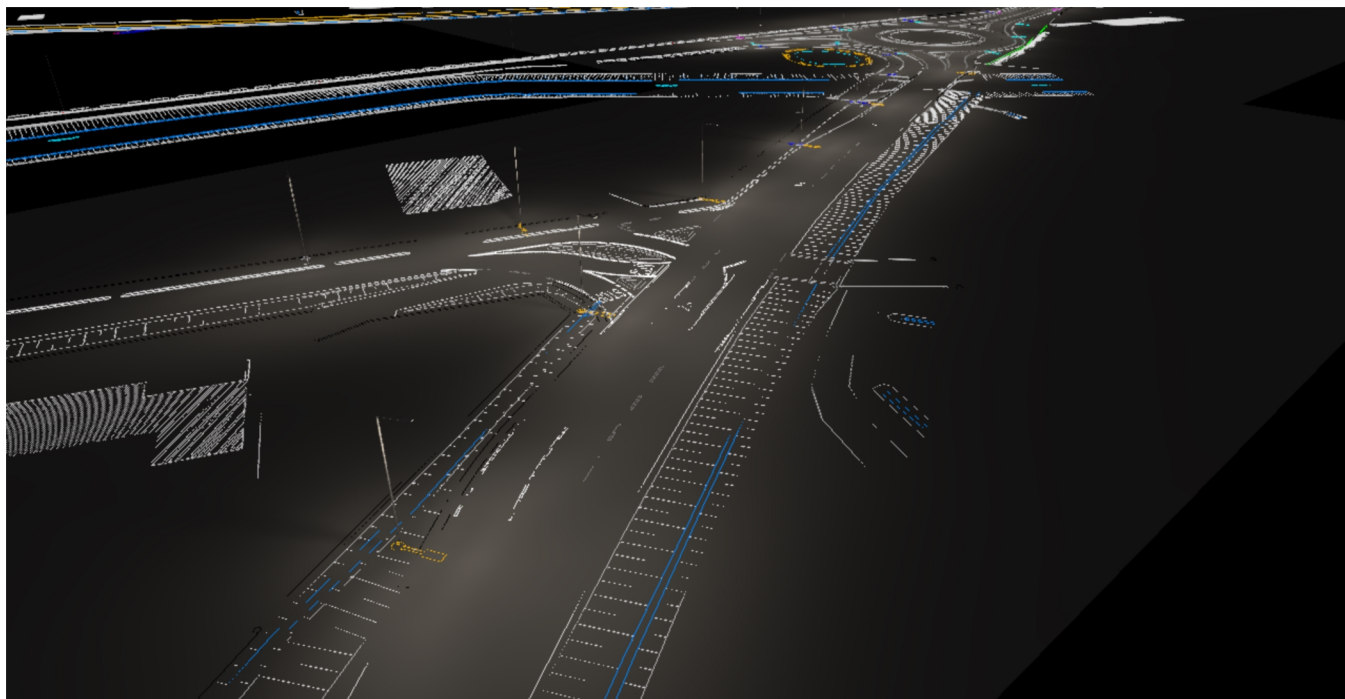
Immagini

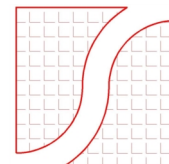


Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Immagini



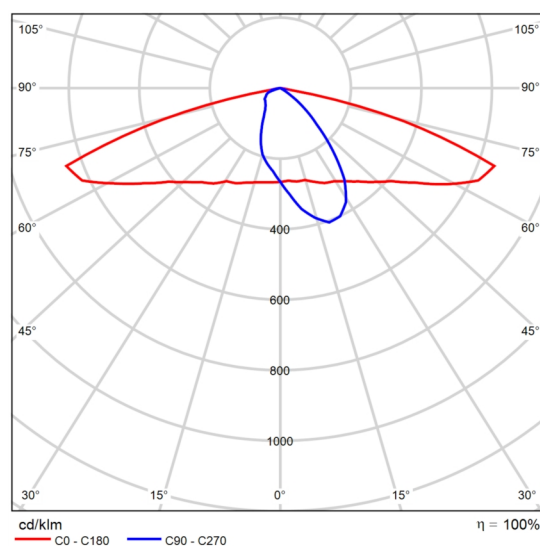


Scheda tecnica prodotto

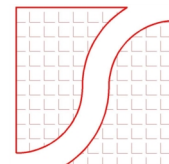
GMR ENLIGHTS - LF4_GL02_SS_350_3K_2A



Articolo No.	LF4_GL02_SS_350_3K_2A
P	9.0 W
$\Phi_{\text{Lampadina}}$	1417 lm
Φ_{Lampada}	1416 lm
η	99.94 %
Efficienza	157.3 lm/W
CCT	3000 K
CRI	70



CDL polare

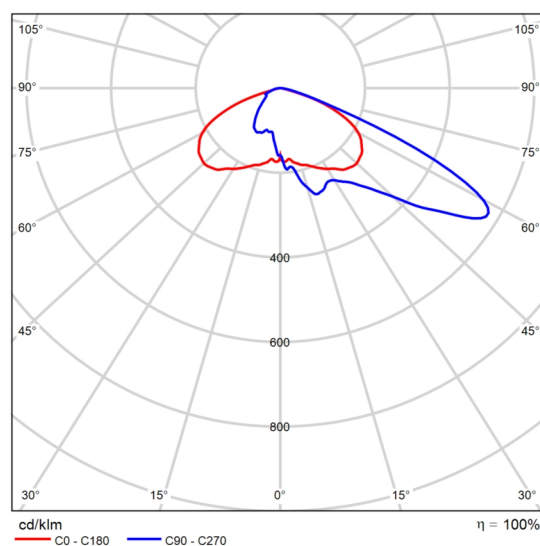


Scheda tecnica prodotto

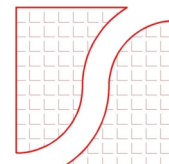
GMR ENLIGHTS - LF5_GL08_SS_525_3K_3C



Articolo No.	LF5_GL08_SS_525_3K_3C
P	50.5 W
$\Phi_{\text{Lampadina}}$	8133 lm
Φ_{Lampada}	8133 lm
η	100.00 %
Efficienza	161.0 lm/W
CCT	3000 K
CRI	70



CDL polare

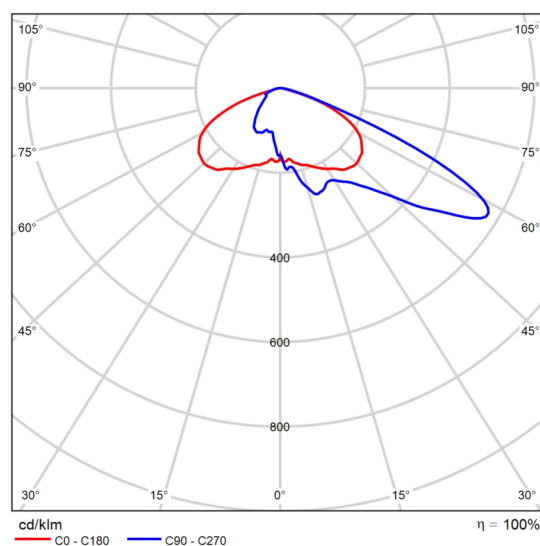


Scheda tecnica prodotto

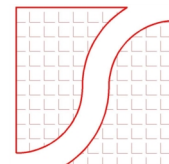
GMR ENLIGHTS - LF5_GL08_SS_1050_3K_3C



Articolo No.	LF5_GL08_SS_1050_3 K_3C
P	103.5 W
$\Phi_{\text{Lampadina}}$	13743 lm
Φ_{Lampada}	13743 lm
η	100.00 %
Efficienza	132.8 lm/W
CCT	3000 K
CRI	70

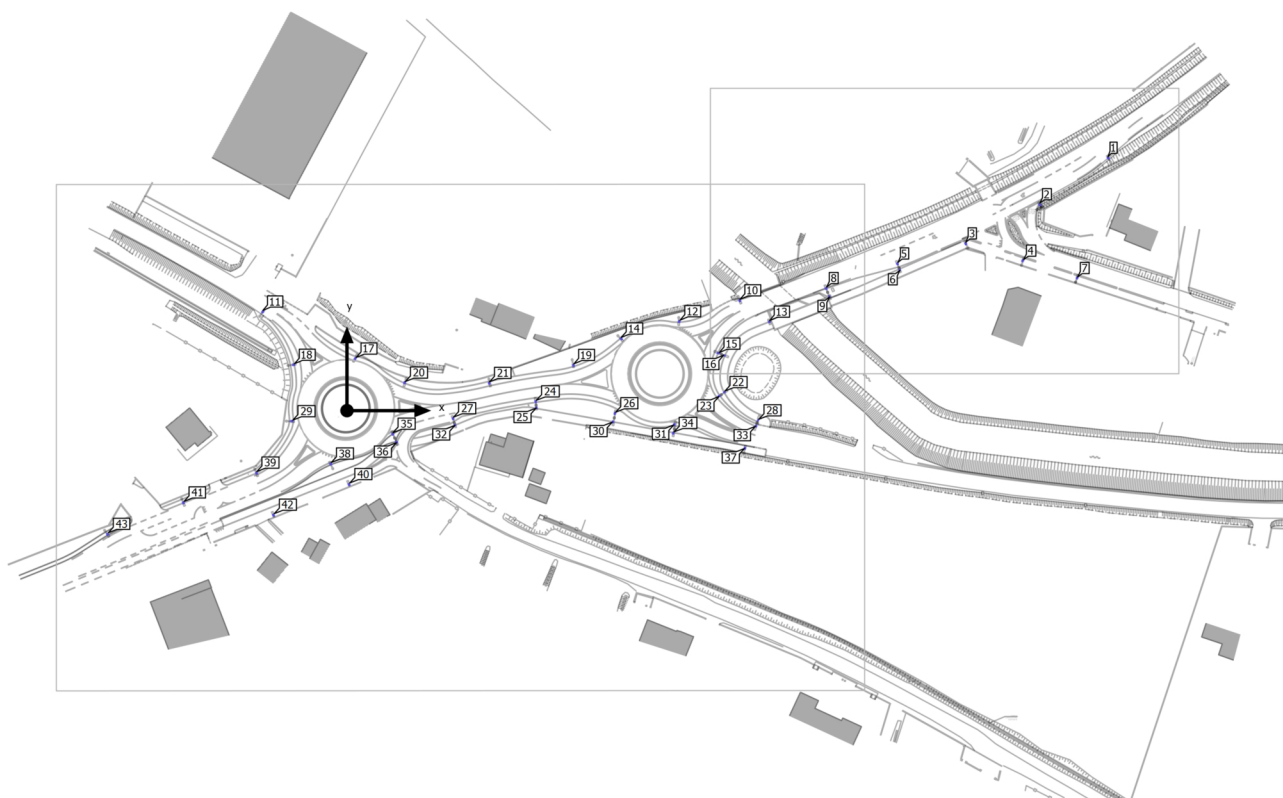


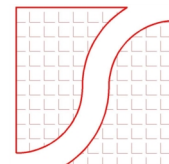
CDL polare



Area 2

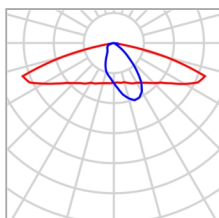
Disposizione lampade





Area 2

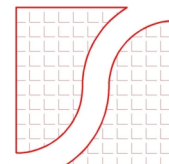
Disposizione lampade



Produttore	GMR ENLIGHTS	P	9.0 W
Articolo No.	LF4_GL02_SS_350_3K_2A	Φ_{Lampada}	1416 lm
Nome articolo	LF4_GL02_SS_350_3K_2A		
Dotazione	1x -		

Lampade singole

X	Y	Altezza di montaggio	Lampada
192.734 m	49.044 m	4.000 m	6
168.193 m	39.742 m	4.000 m	9
147.284 m	30.967 m	4.000 m	13
131.599 m	19.243 m	4.000 m	16
131.604 m	6.418 m	4.000 m	22
66.065 m	0.988 m	4.000 m	25
143.372 m	-3.375 m	4.000 m	28
37.645 m	-5.066 m	4.000 m	32



Area 2

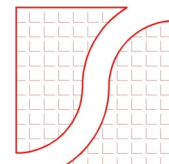
Disposizione lampade



Produttore	GMR ENLIGHTS	P	103.5 W
Articolo No.	LF5_GL08_SS_1050_3 K_3C	Φ_{Lampada}	13743 lm
Nome articolo	LF5_GL08_SS_1050_3 K_3C		
Dotazione	1x LF5_GL08_SS_1050_3 K_3C		

Lampade singole

X	Y	Altezza di montaggio	Lampada
265.446 m	88.093 m	8.000 m	1
241.658 m	71.851 m	8.000 m	2
215.763 m	58.188 m	8.000 m	3
235.578 m	52.312 m	8.000 m	4
191.978 m	51.211 m	8.000 m	5
167.098 m	42.609 m	8.000 m	8
136.985 m	38.334 m	8.000 m	10
-31.559 m	-21.759 m	8.000 m	39
-57.057 m	-32.140 m	8.000 m	41
-83.475 m	-43.122 m	8.000 m	43



Area 2

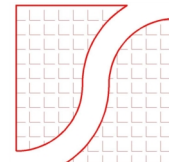
Disposizione lampade



Produttore	GMR ENLIGHTS	P	50.5 W
Articolo No.	LF5_GL08_SS_525_3K_3C	Φ_{Lampada}	8133 lm
Nome articolo	LF5_GL08_SS_525_3K_3C		
Dotazione	1x LF5_GL08_SS_525_3K_3C		

Lampade singole

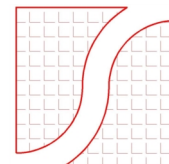
X	Y	Altezza di montaggio	Lampada
254.604 m	46.258 m	8.000 m	7
-29.373 m	34.455 m	8.000 m	11
115.905 m	31.099 m	8.000 m	12
95.681 m	25.053 m	8.000 m	14
129.453 m	20.056 m	8.000 m	15
2.911 m	18.181 m	8.000 m	17
-18.610 m	15.976 m	8.000 m	18
78.969 m	15.801 m	8.000 m	19
20.059 m	9.759 m	8.000 m	20
49.579 m	9.543 m	8.000 m	21
129.771 m	5.076 m	8.000 m	23
65.819 m	3.115 m	8.000 m	24



Area 2

Disposizione lampade

X	Y	Altezza di montaggio	Lampada
93.404 m	-0.962 m	8.000 m	26
37.010 m	-2.779 m	8.000 m	27
-19.243 m	-3.637 m	8.000 m	29
92.723 m	-3.925 m	8.000 m	30
114.144 m	-4.857 m	8.000 m	31
142.650 m	-5.389 m	8.000 m	33
113.737 m	-7.865 m	8.000 m	34
15.965 m	-8.192 m	8.000 m	35
17.281 m	-10.998 m	8.000 m	36
138.772 m	-13.112 m	8.000 m	37
-5.590 m	-18.586 m	8.000 m	38
0.714 m	-25.756 m	8.000 m	40
-25.642 m	-36.443 m	8.000 m	42

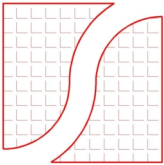


Area 2

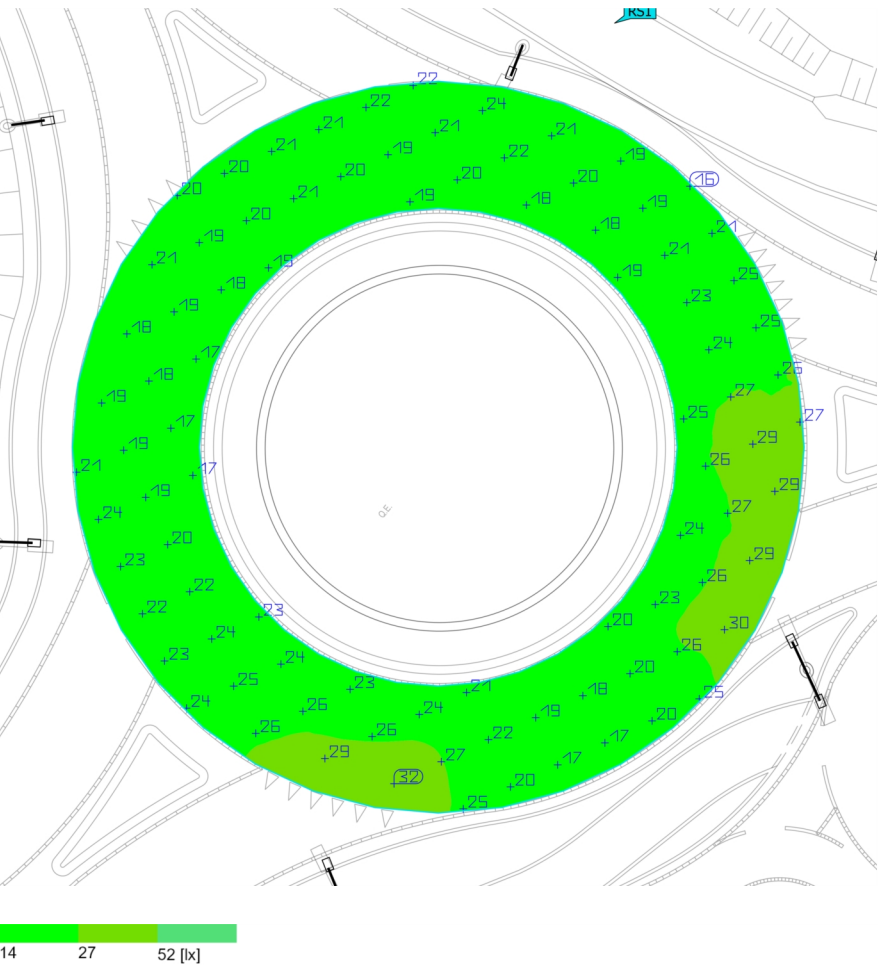
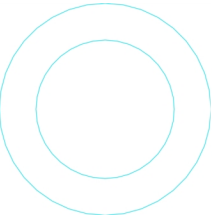
Lista lampade

Φ_{totale} 352083 lm	P_{totale} 2369.5 W	Efficienza 148.6 lm/W
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Pz.	Produttore	Articolo No.	Nome articolo	P	Φ	Efficienza
8	GMR ENLIGHTS	LF4_GL02_S S_350_3K_2 A	LF4_GL02_SS_350_3K_2A	9.0 W	1416 lm	157.3 lm/W
10	GMR ENLIGHTS	LF5_GL08_S S_1050_3K_ 3C	LF5_GL08_SS_1050_3K_3C	103.5 W	13743 lm	132.8 lm/W
25	GMR ENLIGHTS	LF5_GL08_S S_525_3K_3 C	LF5_GL08_SS_525_3K_3C	50.5 W	8133 lm	161.0 lm/W



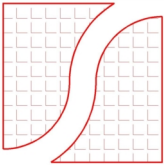
Area 2 (Scena luce 1)
Rotatoria 1 (Sx)



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Rotatoria 1 (Sx) Illuminamento perpendicolare (adattivo) Altezza: 0.000 m	22.2 lx	16.1 lx	34.6 lx	0.73	0.47	RS1

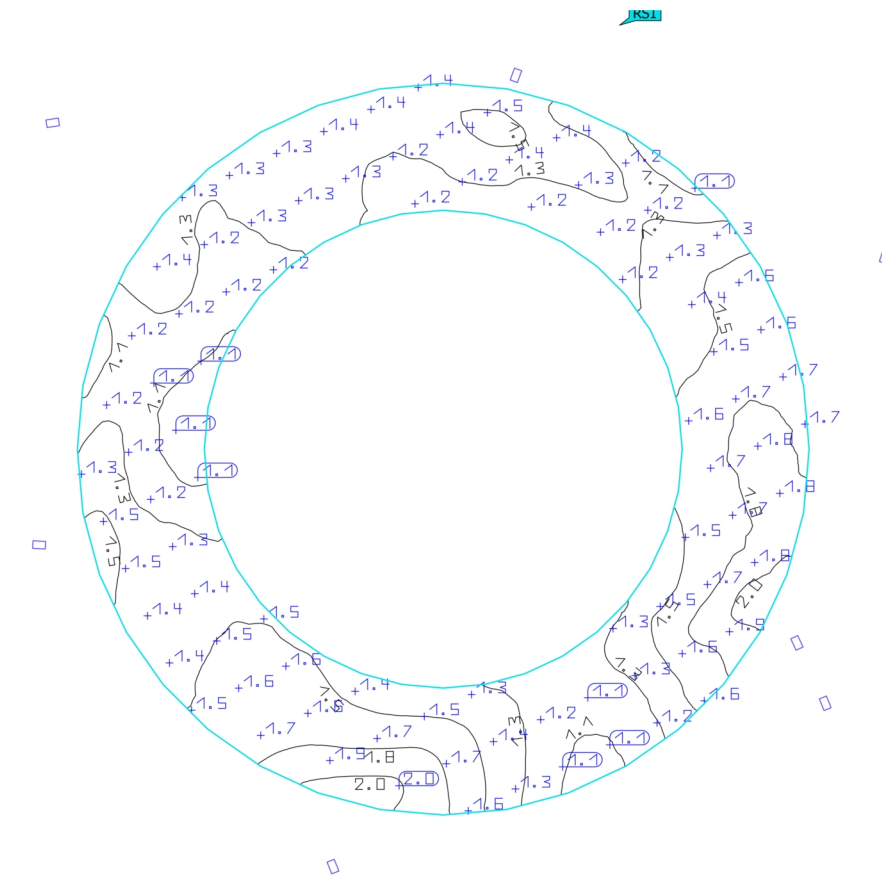
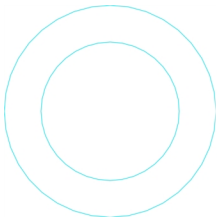
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

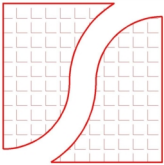
Rotatoria 1 (Sx)



Proprietà	Ø	min.	max	U _o (g ₁)	g ₂	Indice
Rotatoria 1 (Sx)	1.41 cd/m ²	1.03 cd/m ²	2.20 cd/m ²	0.73	0.47	RS1
Luminanza						
Altezza: 0.000 m						

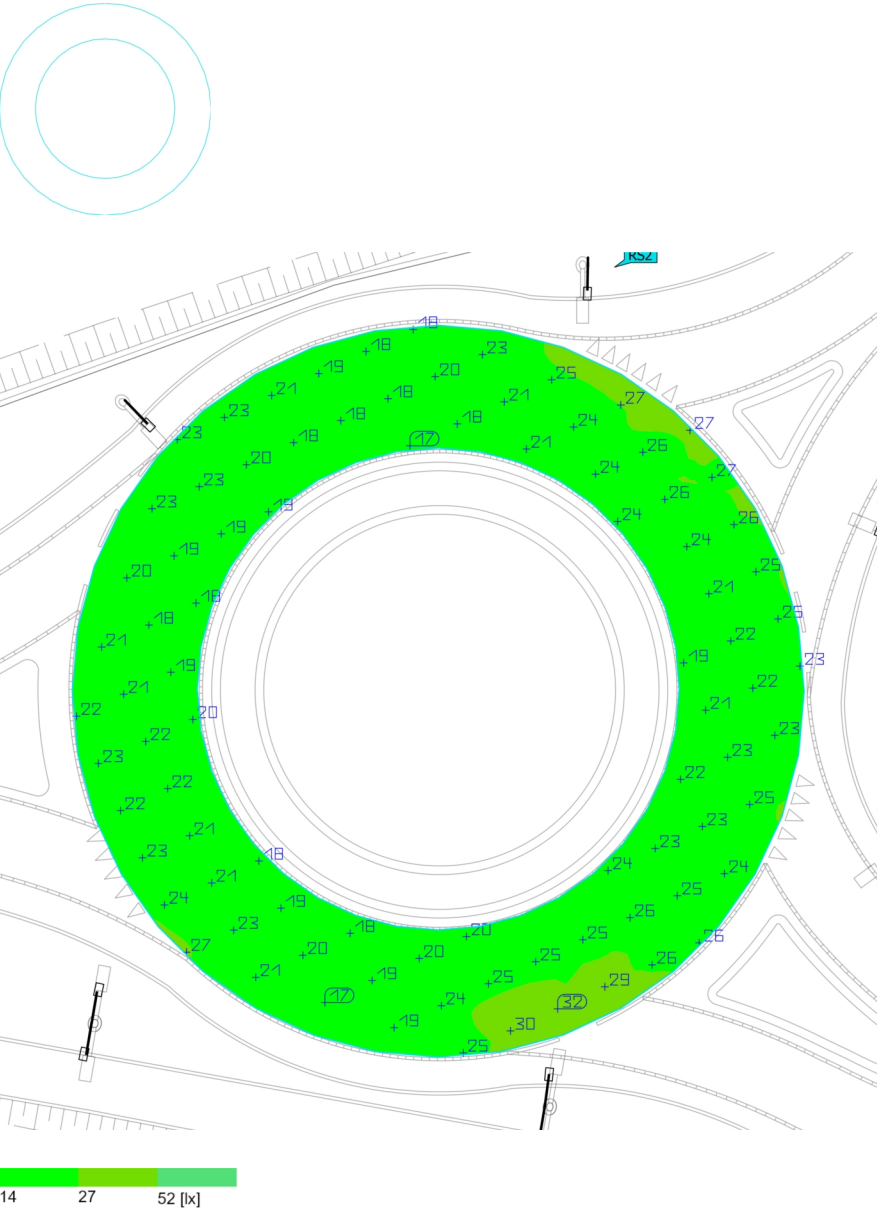
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

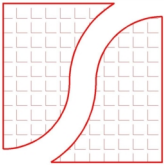
Rotatoria 2 (Dx)



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Rotatoria 2 (Dx) Illuminamento perpendicolare (adattivo) Altezza: 0.000 m	22.2 lx	15.8 lx	34.2 lx	0.71	0.46	RS2

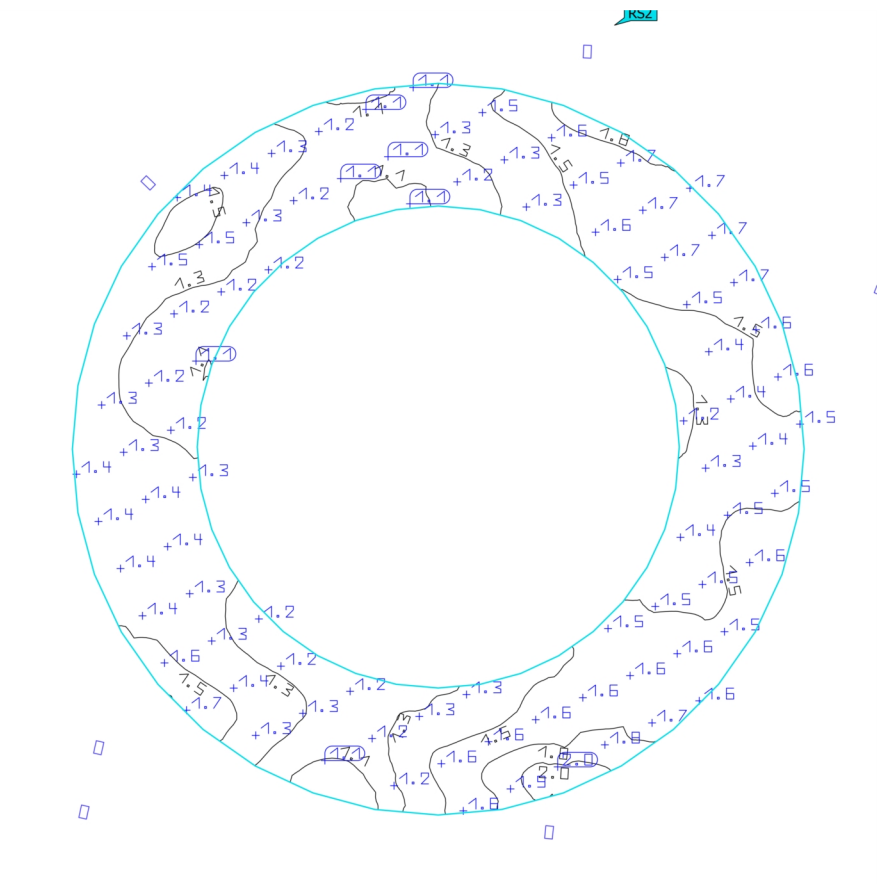
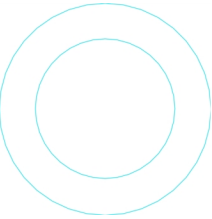
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

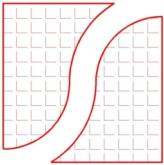
Rotatoria 2 (Dx)



Proprietà	Ø	min.	max	U _o (g ₁)	g ₂	Indice
Rotatoria 2 (Dx)	1.41 cd/m ²	1.01 cd/m ²	2.17 cd/m ²	0.72	0.47	RS2
Luminanza						
Altezza: 0.000 m						

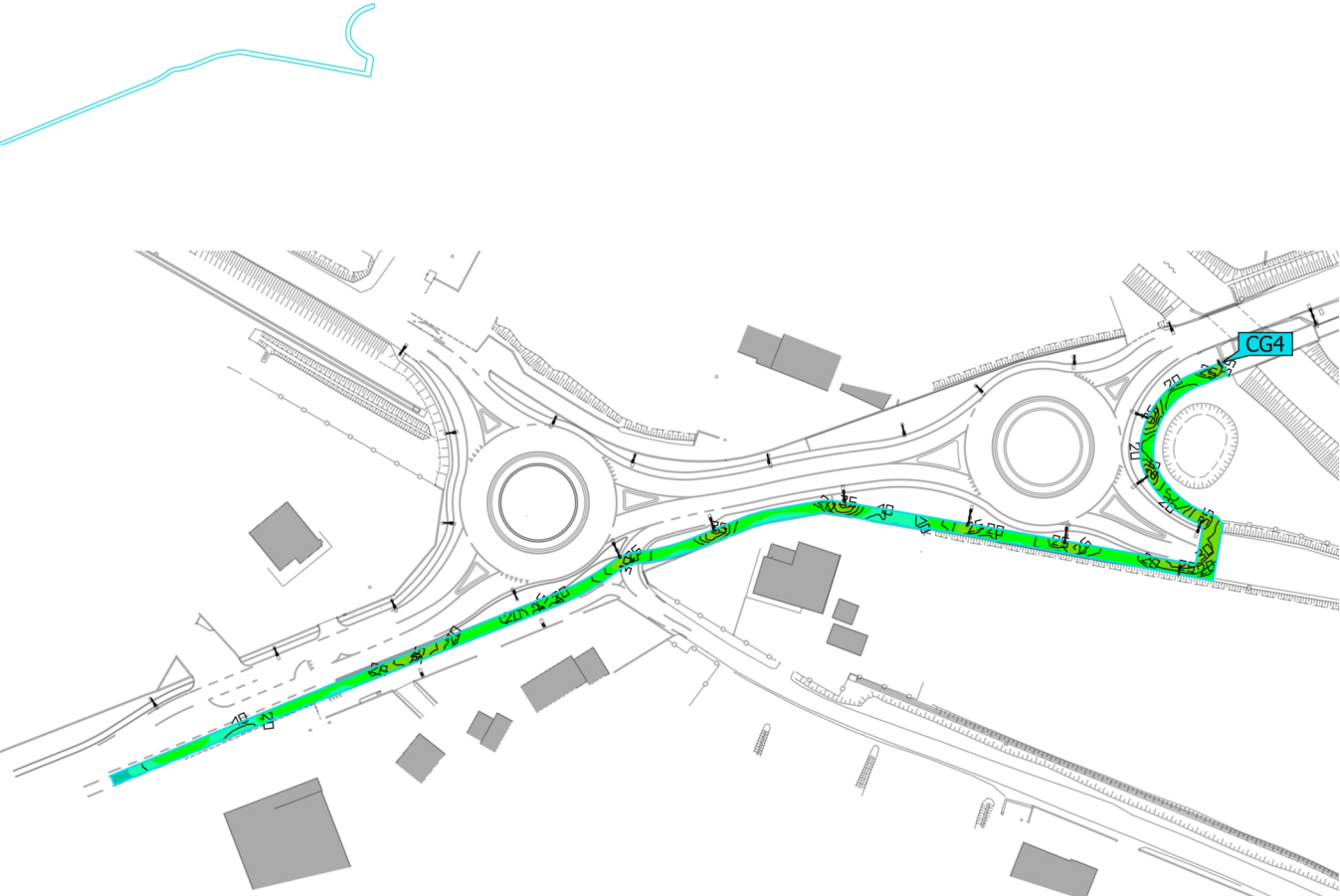
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

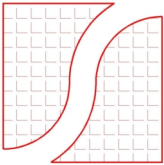
Pista ciclopedonale



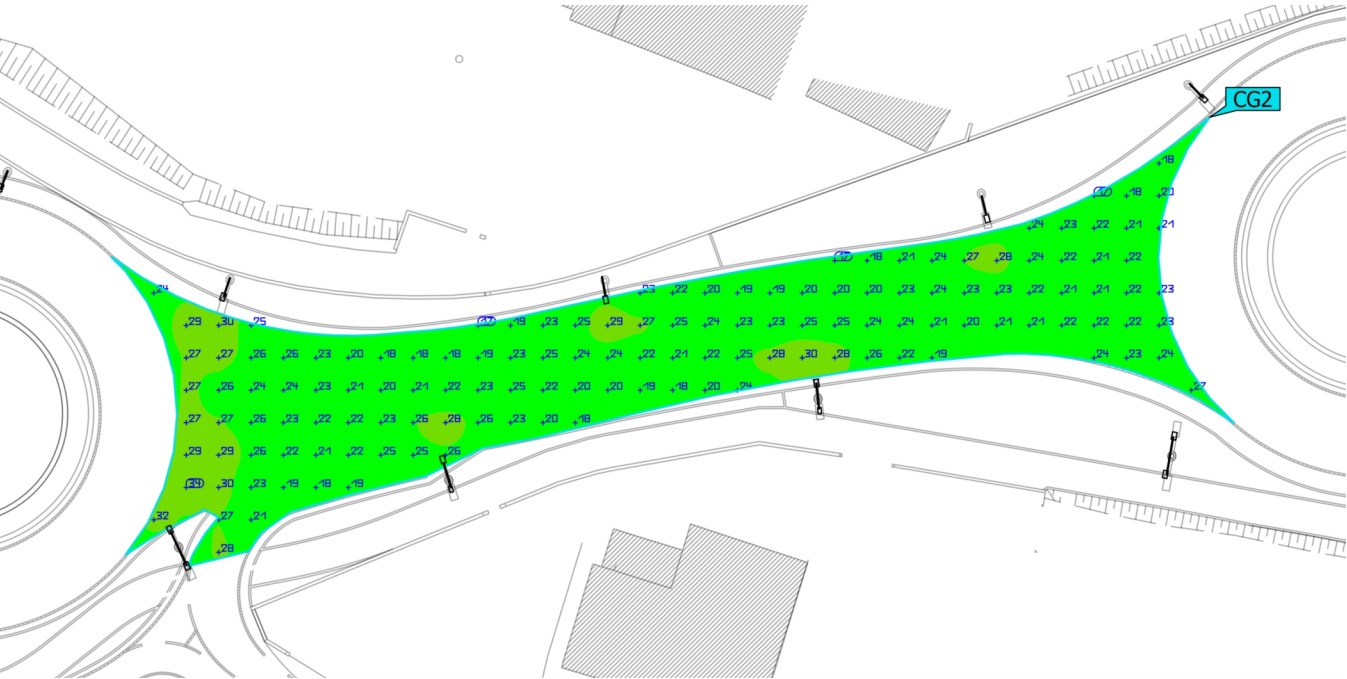
Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Pista ciclopedonale Illuminamento perpendicolare Altezza: 0.000 m	21.5 lx	5.06 lx	39.9 lx	0.24	0.13	CG4

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



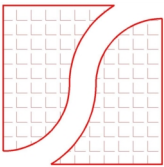
Area 2 (Scena luce 1)
Raccordo tra le due rotonde



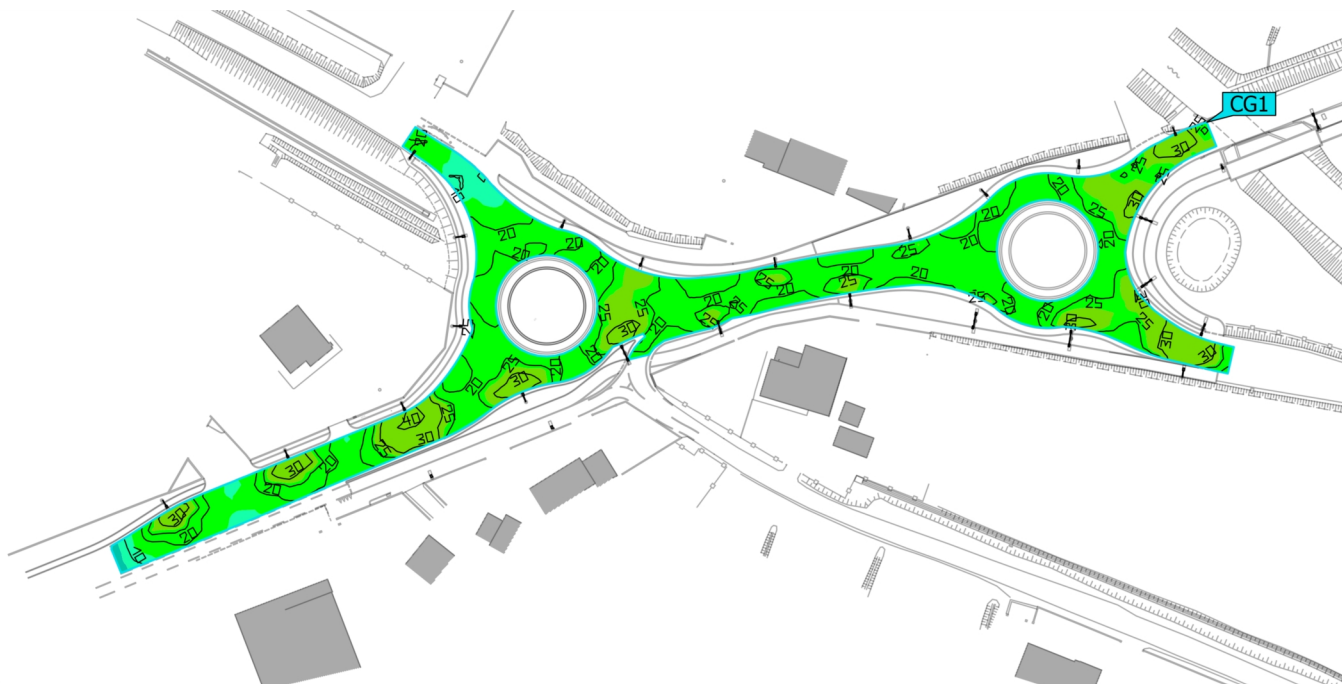
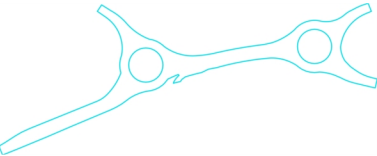
Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Raccordo tra le due rotonde Illuminamento perpendicolare Altezza: 0.000 m	23.1 lx	16.7 lx	33.6 lx	0.72	0.50	CG2

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



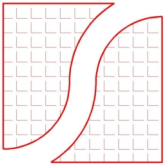
Area 2 (Scena luce 1)
Complessivo rotonde



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Complessivo rotonde Illuminamento perpendicolare Altezza: 0.000 m	23.1 lx	5.79 lx	45.2 lx	0.25	0.13	CG1

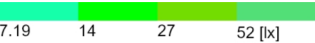
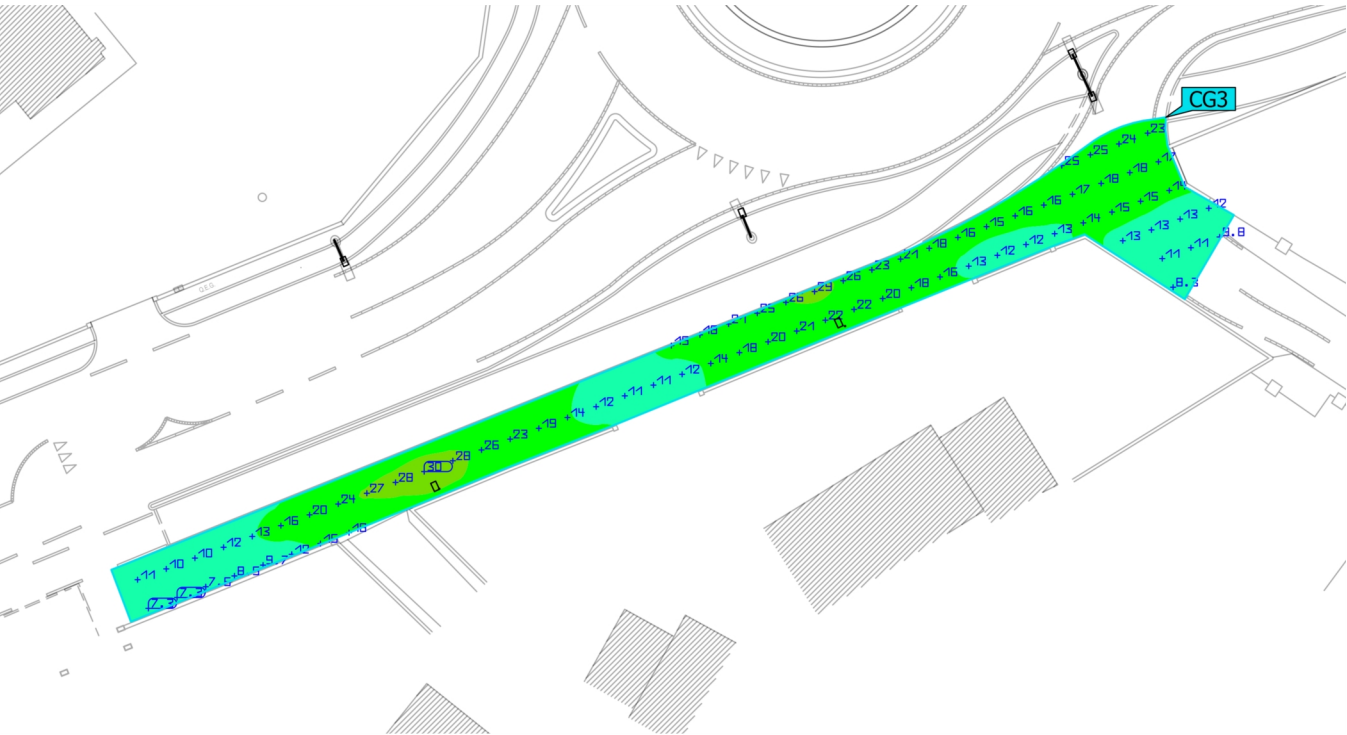
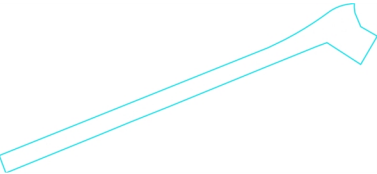
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

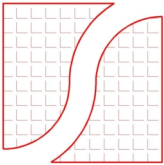
Via del Re



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Via del Re Illuminamento perpendicolare Altezza: 0.000 m	16.9 lx	7.27 lx	29.9 lx	0.43	0.24	CG3

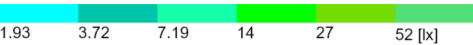
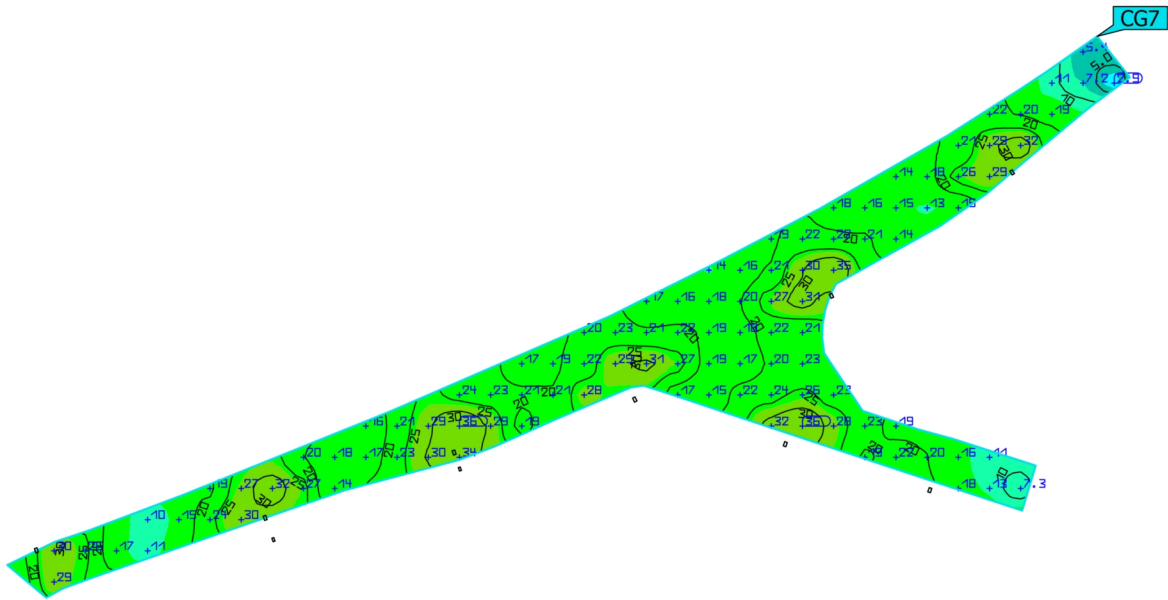
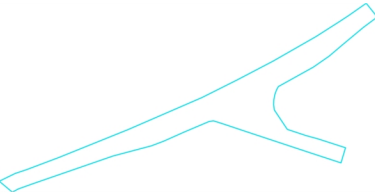
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

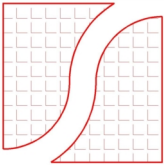
Comlessivo Via trinchet



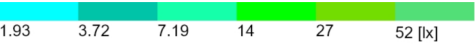
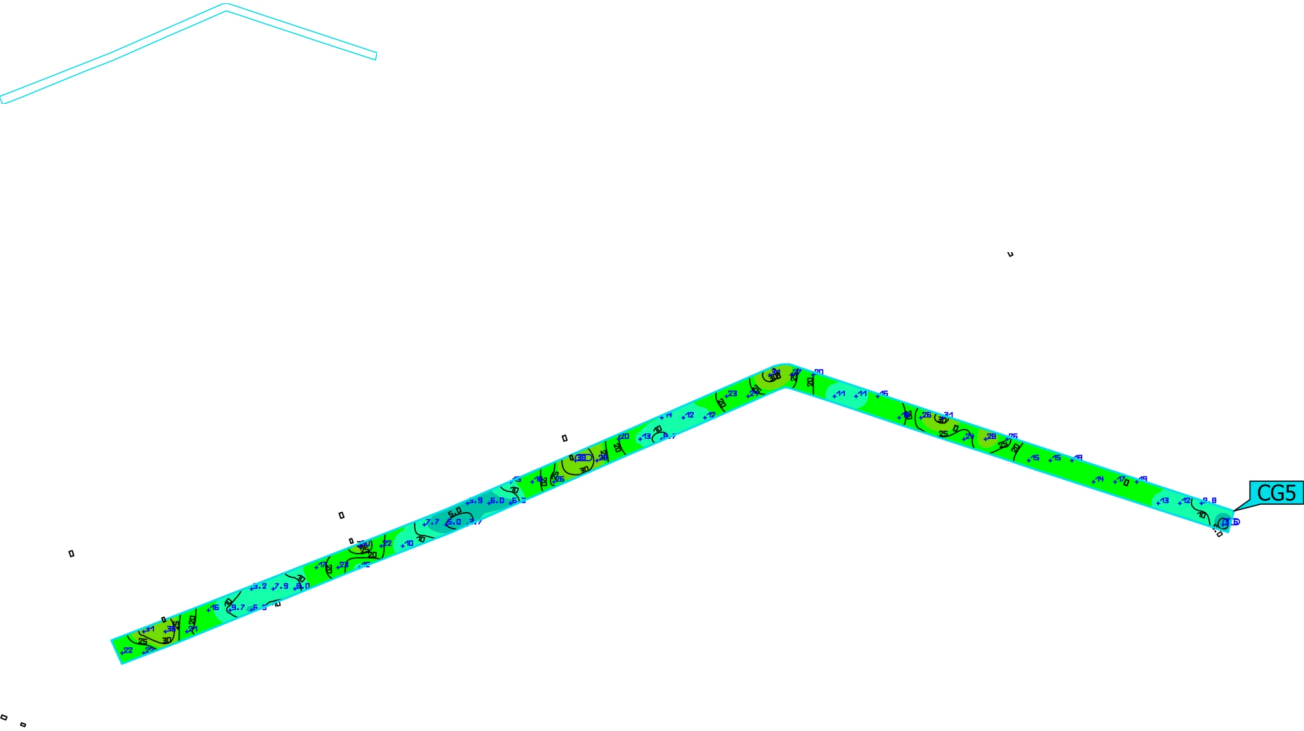
Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Comlessivo Via trinchet Illuminamento perpendicolare Altezza: -0.000 m	21.1 lx	2.88 lx	36.3 lx	0.14	0.079	CG7

Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



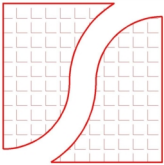
Area 2 (Scena luce 1)
Ciclabile verso via Trinchet



Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Ciclabile verso via Trinchet Illuminamento perpendicolare Altezza: -0.000 m	17.0 lx	3.62 lx	37.9 lx	0.21	0.096	CG5

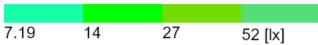
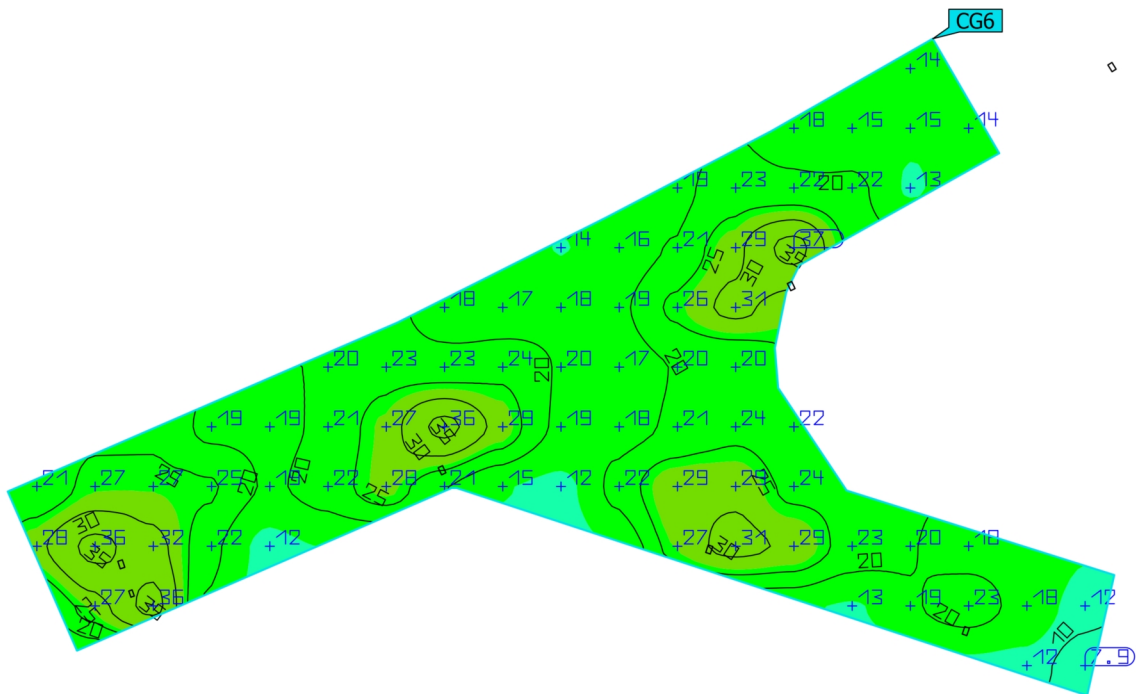
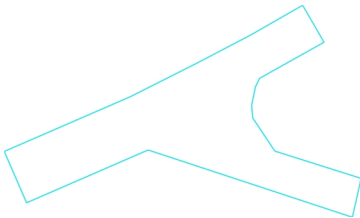
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).



Area 2 (Scena luce 1)

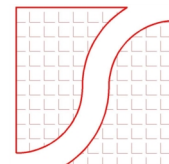
Incrocio via Trinchet



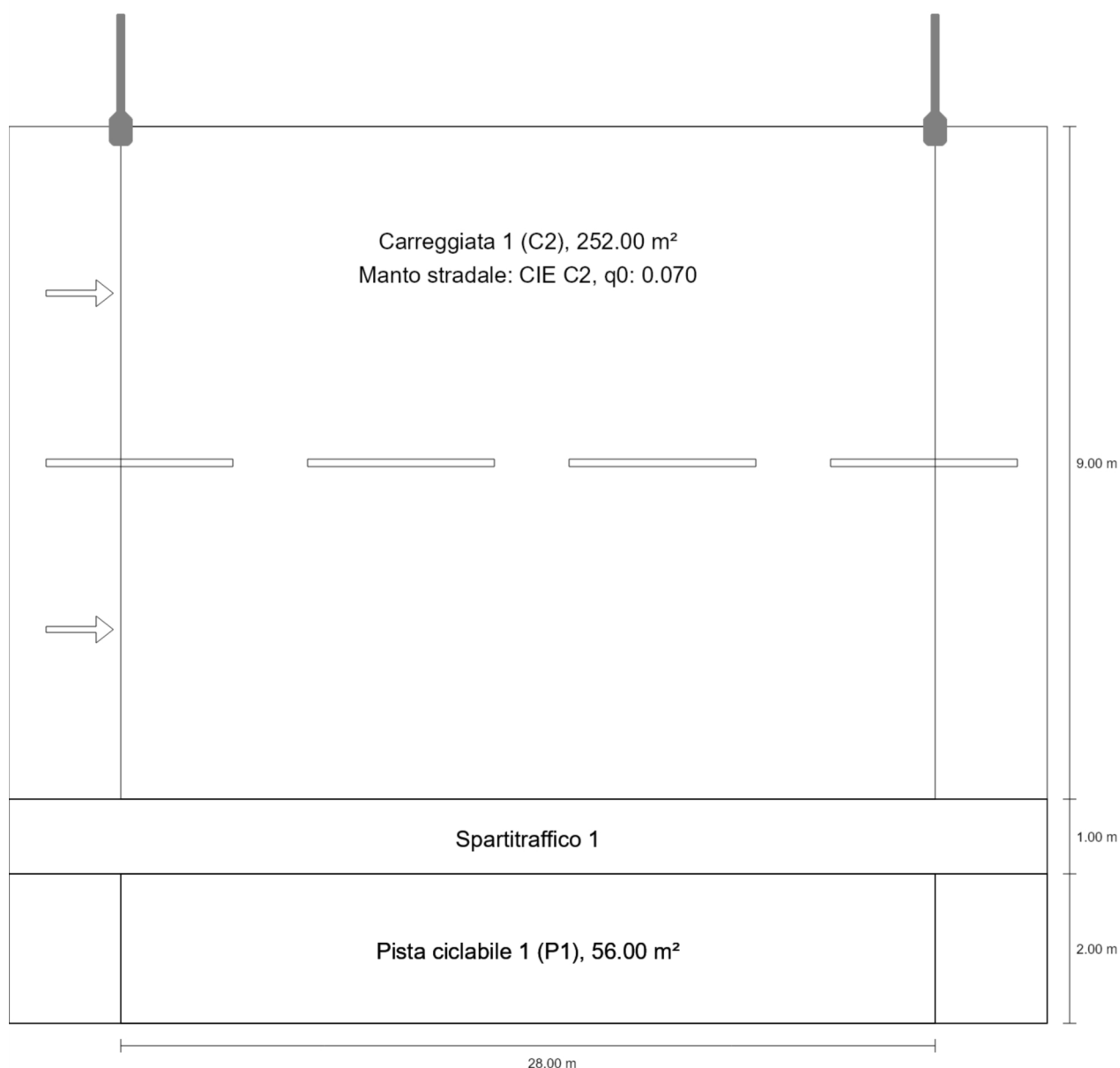
Proprietà	$\bar{E}$	$E_{min.}$	E_{max}	$U_o (g_1)$	g_2	Indice
Incrocio via Trinchet Illuminamento perpendicolare Altezza: 0.000 m	21.7 lx	7.86 lx	36.6 lx	0.36	0.21	CG6

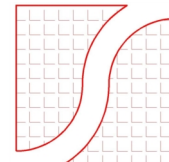
Profilo di utilizzo: Preimpostazione DIALux (5.1.4 Standard (area di transito all'aperto))

Eventuali verifiche ad impianto realizzato potranno evidenziare, rispetto ai valori nominali ottimali del presente tabulato, qualche deviazione in relazione alle tolleranze delle caratteristiche delle lampade, tensione di rete, posizionamenti o condizioni non riproducibili come ombre causate da ostacoli visivi (alberi, macchine parcheggiate ecc.).

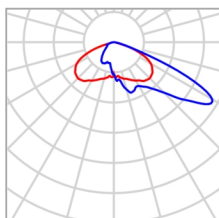


Riepilogo (in direzione EN 13201:2015)

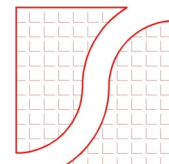




Riepilogo (in direzione EN 13201:2015)



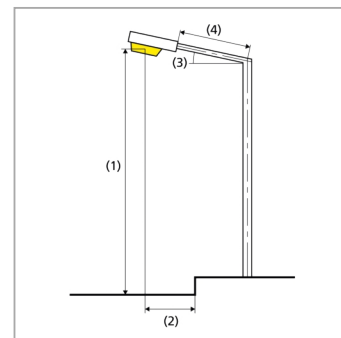
Produttore	GMR ENLIGHTS	P	103.5 W
Articolo No.	LF5_GL08_SS_1050_3 K_3C	$\Phi_{\text{Lampadina}}$	13743 lm
Nome articolo	LF5_GL08_SS_1050_3 K_3C	Φ_{Lampada}	13743 lm
Dotazione	1x LF5_GL08_SS_1050_3 K_3C	η	100.00 %

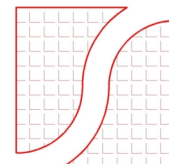


Riepilogo (in direzione EN 13201:2015)

LF5_GL08_SS_1050_3K_3C (su un lato sopra)

Distanza pali	28.000 m
(1) Altezza fuochi	8.000 m
(2) Distanza fuochi	0.000 m
(3) Inclinazione braccio	0.0°
(4) Lunghezza braccio	1.500 m
Ore di esercizio annuali	4000 h: 100.0 %, 103.5 W
Potenza / percorso	3726.0 W/km
ULR / ULOR	0.00 / 0.00
Max. intensità luminose Per tutte le direzioni che, per le lampade installate e utilizzabili, formano l'angolo indicato con le verticali inferiori.	$\geq 70^\circ$: 488 cd/klm $\geq 80^\circ$: 37.8 cd/klm $\geq 90^\circ$: 1.23 cd/klm
Classe intensità luminose I valori intensità luminosa in [cd/klm] per calcolare la classe intensità luminosa si riferiscono, conformemente alla EN 13201:2015, al flusso luminoso lampade.	G*4
Classe indici di abbagliamento	D.4
MF	0.80





Riepilogo (in direzione EN 13201:2015)

Risultati per i campi di valutazione

Per l'installazione è stato previsto un fattore di manutenzione di 0.80.

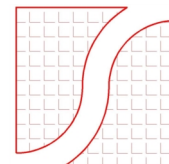
	Unità	Calcolato	Nominale	OK
Carreggiata 1 (C2)	E _m	20.90 lx	≥ 20.00 lx	✓
	U _o	0.50	≥ 0.40	✓
	TI ⁽¹⁾	7 %	–	
Pista ciclabile 1 (P1)	E _m	15.52 lx	[15.00 - 22.50] lx	✓
	E _{min}	11.51 lx	≥ 3.00 lx	✓

(1) Informazione, non fa parte della valutazione

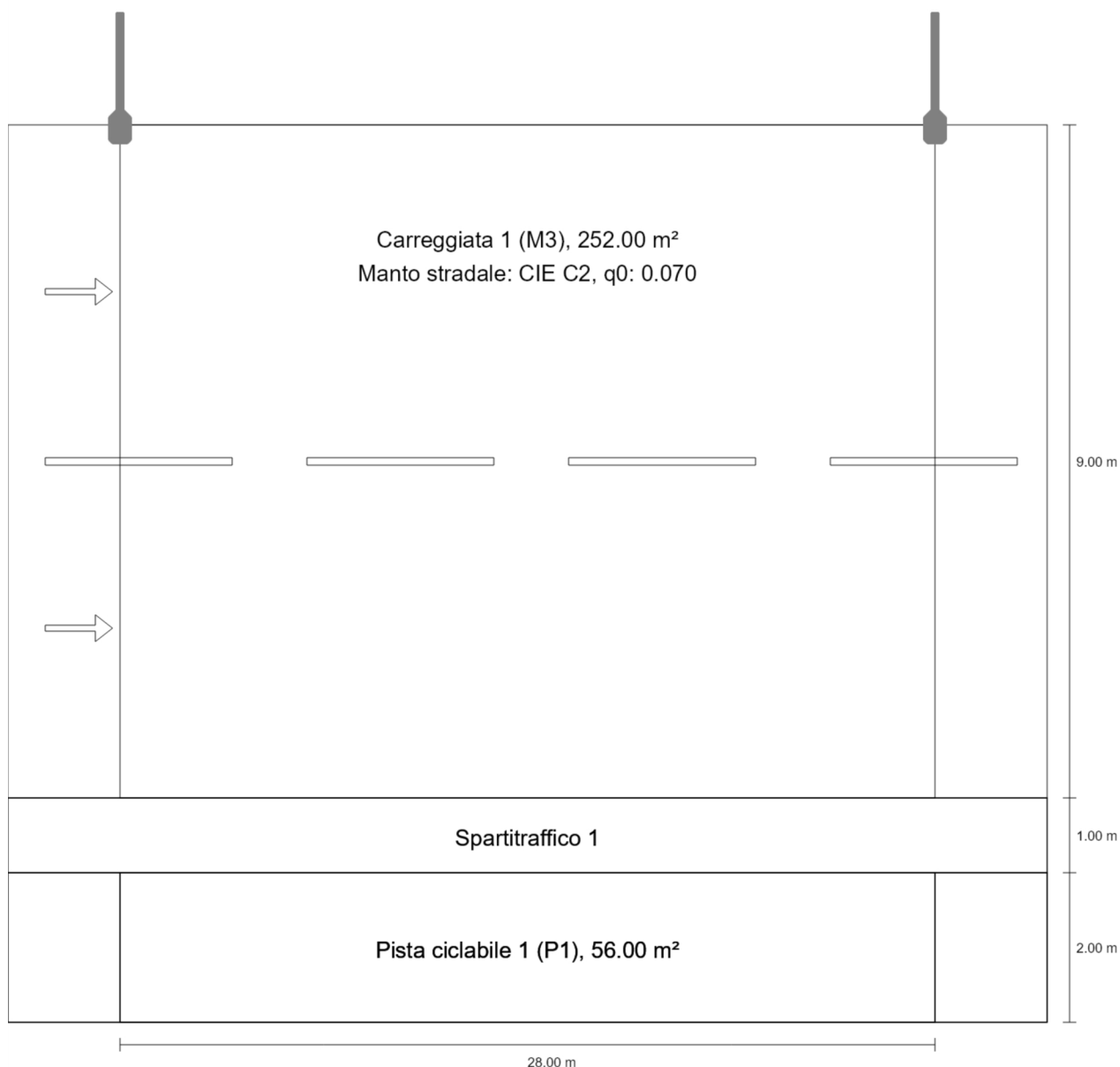
Risultati per gli indicatori dell'efficienza energetica

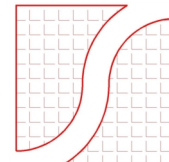
	Unità	Calcolato	Consumo di energia
Via Roma Sinistra (Categoria C2)	D _p	0.017 W/lx*m ²	–
LF5_GL08_SS_1050_3K_3C (su un lato sopra)	D _e	1.3 kWh/m ² anno	414.0 kWh/anno
LF5_GL08_SS_1050_3K_3C (Illuminazione stradale)	IPEA*	A5+ (1.60)	–
LF5_GL08_SS_1050_3K_3C (su un lato sopra - Illuminazione stradale)	IPEI*	Non definito ⁽¹⁾	–

(1) L'IPEI* non è definito per la combinazione selezionata del tipo di applicazione e della classe di illuminazione.

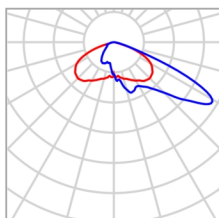


Riepilogo (in direzione EN 13201:2015)

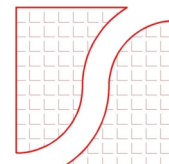




Riepilogo (in direzione EN 13201:2015)



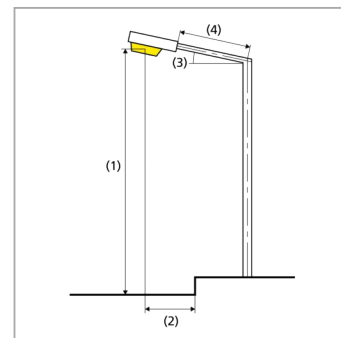
Produttore	GMR ENLIGHTS	P	103.5 W
Articolo No.	LF5_GL08_SS_1050_3 K_3C	$\Phi_{\text{Lampadina}}$	13743 lm
Nome articolo	LF5_GL08_SS_1050_3 K_3C	Φ_{Lampada}	13743 lm
Dotazione	1x LF5_GL08_SS_1050_3 K_3C	η	100.00 %

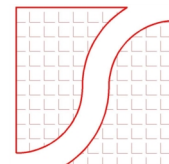


Riepilogo (in direzione EN 13201:2015)

LF5_GL08_SS_1050_3K_3C (su un lato sopra)

Distanza pali	28.000 m
(1) Altezza fuochi	8.000 m
(2) Distanza fuochi	0.000 m
(3) Inclinazione braccio	0.0°
(4) Lunghezza braccio	1.500 m
Ore di esercizio annuali	4000 h: 100.0 %, 103.5 W
Potenza / percorso	3726.0 W/km
ULR / ULOR	0.00 / 0.00
Max. intensità luminose Per tutte le direzioni che, per le lampade installate e utilizzabili, formano l'angolo indicato con le verticali inferiori.	$\geq 70^\circ$: 488 cd/klm $\geq 80^\circ$: 37.8 cd/klm $\geq 90^\circ$: 1.23 cd/klm
Classe intensità luminose I valori intensità luminosa in [cd/klm] per calcolare la classe intensità luminosa si riferiscono, conformemente alla EN 13201:2015, al flusso luminoso lampade.	G*4
Classe indici di abbagliamento	D.4
MF	0.80





Riepilogo (in direzione EN 13201:2015)

Risultati per i campi di valutazione

Per l'installazione è stato previsto un fattore di manutenzione di 0.80.

	Unità	Calcolato	Nominale	OK
Carreggiata 1 (M3)	L_m	1.18 cd/m ²	≥ 1.00 cd/m ²	✓
	U_o	0.63	≥ 0.40	✓
	U_l	0.72	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓
	R_{EI}	0.51	≥ 0.30	✓
Pista ciclabile 1 (P1)	E_m	15.52 lx	[15.00 - 22.50] lx	✓
	E_{min}	11.51 lx	≥ 3.00 lx	✓

Risultati per gli indicatori dell'efficienza energetica

	Unità	Calcolato	Consumo di energia
Via Roma Sinistra (Categoria M3)	D_p	0.017 W/lx*m ²	–
LF5_GL08_SS_1050_3K_3C (su un lato sopra)	D_e	1.3 kWh/m ² anno	414.0 kWh/anno
LF5_GL08_SS_1050_3K_3C (Illuminazione stradale)	IPEA*	A5+ (1.60)	–
LF5_GL08_SS_1050_3K_3C (su un lato sopra - Illuminazione stradale)	IPEI*	A4+ (0.42)	–

**Dichiarazione di Conformità alle Leggi Regionali
per il Contenimento dell'Inquinamento Luminoso**

Costruttore: **GMR Enlights s.r.l**

Sede legale: **Strada Provinciale Specchia Alessano n° 68, 77040 SPECCHIA, Lecce, Italia**

Sede Operativa: **Via Grande n°226, 47032 BERTINORO, Forlì-Cesena, Italia**

Sotto la propria responsabilità dichiara che gli apparecchi di illuminazione GMR ENLIGHTS indicati nell'appendice A in tutte le loro configurazioni di CCT, ottica e alimentazione, se installati come specificato nel foglio di istruzioni, sono conformi alle leggi regionali per il contenimento dell'inquinamento luminoso:

·Abruzzo LR12/05 e smi	·Liguria LR22/07 e smi	·Toscana LR37/00 e smi
·Alto Adige LP4/11 e smi	·Lombardia LR31/2015 - LR17/00 e smi	·Trentino LP16/07 e smi
·Basilicata LR41/00 e smi	·Marche LR10/02 e smi	·Umbria LR20/05 e smi
·Campania LR12/02 e smi	·Molise LR2/2010 e smi	·Valle d'Aosta LR17/98 e smi
·Emilia Romagna LR19/03 e smi	·Piemonte LR 03/2018 e smi	·Veneto LR17/09 e smi
·Friuli V.G. LR15/07 e smi	·Puglia LR15/05 e smi	
·Lazio LR23/00 e smi	·Sardegna D.G.R. 48/31 e smi	

I dati fotometrici sono stati rilevati presso laboratorio aziendale, operante in conformità alle seguenti normative:

UNI EN 13032-1: 2005 Misurazione e presentazione dei dati fotometrici di lampade e apparecchi di illuminazione	
CIE 27 Photometry luminaires for street lighting	
CIE 121 The photometry and goniophotometry of luminaires	
Intensità luminosa massima misurata per $\gamma \geq 90^\circ$	inferiore a 0.49 cd/Klm
Responsabile del Laboratorio Fotometrico:	Giovanni Mulè

Specifiche di rilievo fotometrico:

Strumenti di misura	Goniofotometro T2	Parametri misurati	Da normativa
Sistema di riferimento	C-Gamma	Distanza rilievo	10,3 m
Tensione di aliment.	230 V AC	Incertezza di misura	$\pm 5\%$
Frequenza	50 Hz	Centro fotometrico	EN 13032-1
Temperatura ambiente	25°C $\pm$ 1°C	Tipo di schermo	Assente

Si dichiara inoltre che:

- i file fotometrici dei prodotti sottoelencati sono disponibili in formato elettronico Eulumdat in forma controllata sul sito <http://www.GMREnlights.com/>

- che i dati fotometrici sono stati rilevati all'interno del laboratorio fotometrico aziendale sotto regime di sorveglianza (certificato 1008g/CL109/002) da parte di laboratorio accreditato ISO 17025 ASSELUM SL, senza manomissioni alterazioni, in accordo con le normative di settore e in regime di qualità.

Allegato 1

<i>Aquilone - A</i>	<i>Gamma Small</i>
<i>Aquilone - B</i>	<i>Gamma Large</i>
<i>Rondò</i>	Diamante
<i>Camelot - A</i>	Piattello
<i>Camelot - C</i>	ALD
<i>Meldans Arcade</i>	LTD
<i>Meldans</i>	Nottingham
<i>Yumi</i>	Granada
<i>Oslo Small</i>	Crotone
<i>Oslo Large</i>	Cosenza
<i>Jun Small</i>	<i>Mina</i>
<i>Jun Large</i>	Reled +
<i>Lampara Small</i>	ReLed
<i>Lampara Large</i>	
<i>Virgo A</i>	<i>LaFoglia 400</i>
<i>Virgo B</i>	<i>LaFoglia 500</i>
<i>Virgo C</i>	<i>LaFoglia 600</i>
<i>Orn 400</i>	

<i>Orn 500</i>	<i>Tarus 100</i>
<i>Orn 600</i>	<i>Tarus 200</i>
<i>Vesta A</i>	<i>Tarus 400</i>
<i>Vesta B</i>	<i>Izar 500</i>
<i>Vesta C</i>	<i>Izar 400</i>
Pharos Bollard/Totem	Hibra WALL/WALL+
<i>Hulla HMC</i>	ESA EMC
<i>Hulla Geo Bollard</i>	Esa Spillo Bollard
<i>Hulla Zeno Bollard</i>	Esa Orfeo Bollard
<i>Hulla Wall Washer</i>	Esa Wall Washer
<i>Krom Bollard</i>	Krom

Bertinoro, 01/03/2023

GMR ENLIGHTS srl

Luminaire

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

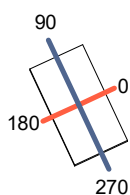
Measurem.

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

Luminaire Flux	1417 lm	Luminaire Power	9.0 W	Efficacy	157.489 lm/W	Efficiency	100.00%
Source Flux	1417 lm	Maximum value	757.06 cd/klm	Position	C=5.00 G=70.00	CG	Asymmetrical
Rectangular Luminaire		Length	490 mm	Width	270 mm	Height	5 mm
Rectangular Luminous Area		Length	480 mm	Width	260 mm	Height	0 mm
Horizontal Luminous Area		0.124800 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.030192 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		16-10-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1417 lm	
Operator		GMR LAB		Rated Voltage		230.00 V	
Temperature		25.00 °C		Rated Current		0.04 A	
Humidity		49.00 %		Photocell		Czibula Grundmann	
Notes							

Luminaire Sources						
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty	
			1417.40	9.00	1	
C.I.E.	44 77 97 100 100	D DIN 5040	A30			
F UTE	1.00 E	B NBN	BZ 5 / 4 / BZ 4			

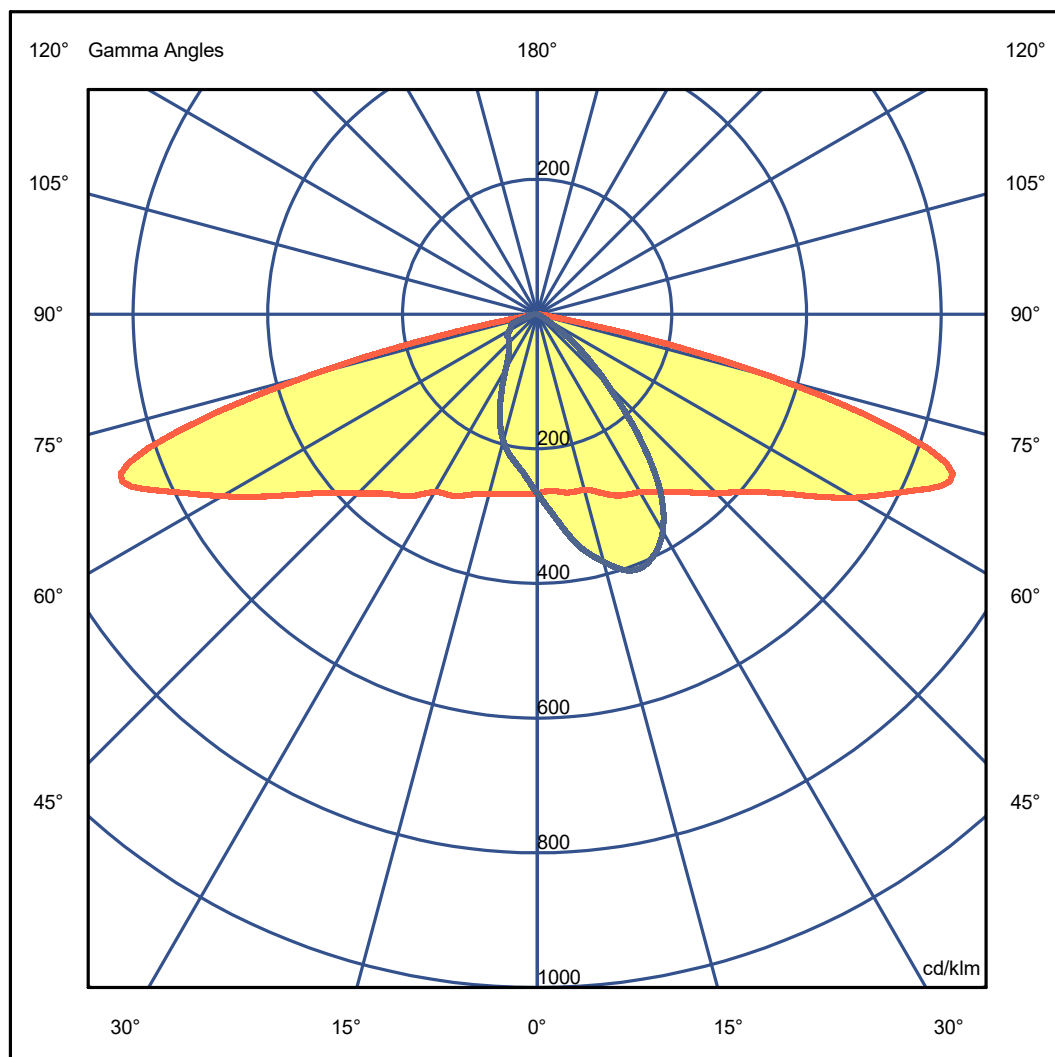
490mm x 270mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

Measurem.

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

Luminaire Flux	1417 lm		Luminaire Power		9.0 W		Efficacy		157.489 lm/W		Efficiency		100.00%	
Source Flux	1417 lm		Maximum value		757.06 cd/klm		Position		C=5.00 G=70.00		CG Asymmetrical			
Luminous Intensity Table cd/klm Table 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	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	
G 5.0	263.49	267.14	269.59	272.82	274.19	279.25	283.07	287.42	289.65	292.27	294.93	296.51	297.04	
G 10.0	268.91	276.71	283.61	289.19	297.84	304.89	308.11	317.06	322.71	329.60	332.38	334.05	336.74	
G 15.0	269.68	281.63	293.00	305.67	312.95	319.32	329.68	337.48	350.50	355.00	362.32	366.58	372.36	
G 20.0	282.81	294.05	308.26	323.83	335.66	346.47	356.84	369.03	377.52	385.40	389.92	395.57	397.06	
G 25.0	296.90	311.43	330.25	349.20	365.81	376.93	389.22	398.97	404.68	406.74	413.14	415.96	413.56	
G 30.0	304.98	328.08	349.64	371.99	385.69	398.02	410.66	422.00	425.63	421.52	418.53	416.72	407.43	
G 35.0	322.17	345.82	367.38	384.40	406.94	424.20	431.86	434.53	429.81	420.83	407.71	392.41	374.95	
G 40.0	345.40	372.33	394.13	412.17	435.66	444.32	444.76	429.96	419.05	393.37	373.26	351.13	320.74	
G 45.0	376.37	399.73	425.78	446.59	467.70	456.00	440.49	416.90	385.91	347.70	305.14	264.59	231.72	
G 50.0	409.91	435.16	458.46	471.93	467.91	450.03	425.29	381.04	327.97	267.60	221.57	173.28	146.34	
G 55.0	466.97	492.33	515.71	499.49	476.68	447.81	394.38	312.06	234.19	177.73	128.94	99.80	80.59	
G 60.0	544.89	576.39	568.25	504.35	469.27	413.83	302.21	207.15	132.62	87.14	61.23	46.45	32.93	
G 65.0	619.37	684.24	608.17	509.20	452.09	311.00	186.65	100.45	54.96	34.56	21.34	12.71	6.24	
G 70.0	645.82	757.06	615.04	527.45	344.58	180.08	74.21	28.82	17.83	11.38	7.23	4.01	3.24	
G 75.0	362.77	436.34	432.48	362.26	178.78	68.76	16.51	7.51	4.43	3.50	2.86	2.46	1.87	
G 80.0	23.72	29.59	42.60	47.25	29.11	8.10	4.45	2.34	1.62	1.20	1.47	1.86	1.66	
G 85.0	1.58	2.25	2.42	2.43	1.74	1.52	0.89	0.37	0.17	0.24	0.21	0.27	0.34	
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 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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	
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	

Luminaire

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

Measurem.

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

Luminaire Flux		1417 lm		Luminaire Power		9.0 W		Efficacy		157.489 lm/W		Efficiency		100.00%	
Source Flux		1417 lm		Maximum value		757.06 cd/klm		Position		C=5.00 G=70.00		CG Asymmetrical			
Luminous Intensity Table cd/klm														Table 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	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82
G 5.0	300.11	299.84	303.02	303.25	304.00	302.44	302.69	303.50	304.07	302.97	301.00	297.75	294.25	294.25	294.25
G 10.0	337.60	339.38	343.25	346.55	346.40	348.30	346.31	345.06	342.37	342.42	340.07	336.03	331.70	331.70	331.70
G 15.0	376.08	377.11	379.88	379.41	383.00	380.71	381.74	378.97	376.77	375.46	370.46	367.08	361.55	361.55	361.55
G 20.0	397.89	402.01	404.18	407.77	407.66	405.24	406.89	408.34	405.09	402.38	397.73	398.66	394.52	394.52	394.52
G 25.0	415.94	411.78	407.16	405.96	400.50	400.97	400.70	404.30	409.73	408.38	409.33	412.44	411.94	411.94	411.94
G 30.0	399.97	395.95	393.34	385.70	371.93	372.55	377.19	380.65	383.91	387.95	393.69	398.75	403.91	403.91	403.91
G 35.0	362.89	346.32	337.03	328.61	316.40	317.08	320.76	330.09	338.34	347.71	362.38	374.52	393.21	393.21	393.21
G 40.0	294.76	265.69	250.47	237.41	233.73	231.25	233.73	239.85	252.98	267.87	288.16	314.45	347.00	347.00	347.00
G 45.0	202.30	179.72	164.03	154.68	149.40	146.07	147.66	155.10	165.58	180.30	197.20	227.89	261.93	261.93	261.93
G 50.0	123.33	109.13	96.76	90.86	85.33	87.78	85.35	90.91	98.15	106.18	118.40	142.09	174.54	174.54	174.54
G 55.0	68.31	55.40	47.07	41.83	37.71	36.86	36.64	41.75	47.74	57.14	67.31	78.39	94.95	94.95	94.95
G 60.0	20.38	11.82	7.56	4.69	3.16	2.89	2.93	4.34	7.29	11.95	19.40	31.94	44.89	44.89	44.89
G 65.0	3.00	2.20	1.77	1.20	1.04	1.05	1.15	1.35	1.87	2.25	3.55	6.03	11.74	11.74	11.74
G 70.0	2.30	1.84	1.37	1.23	1.19	1.14	1.15	1.19	1.43	1.88	2.35	2.44	4.05	4.05	4.05
G 75.0	1.91	2.23	2.35	2.33	2.47	2.08	2.30	2.42	2.25	1.89	1.82	2.03	2.28	2.28	2.28
G 80.0	1.28	0.76	0.46	1.34	1.14	0.46	0.97	1.13	0.42	0.66	1.10	1.54	1.81	1.81	1.81
G 85.0	0.12	0.08	0.07	0.18	0.28	0.08	0.32	0.13	0.08	0.11	0.08	0.25	0.19	0.19	0.19
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00	0.00

Luminaire

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

Measurem.

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

Luminaire Flux	1417 lm		Luminaire Power		9.0 W		Efficacy		157.489 lm/W		Efficiency		100.00%
Source Flux	1417 lm		Maximum value		757.06 cd/klm		Position		C=5.00 G=70.00		CG Asymmetrical		
Luminous Intensity Table cd/klm Table 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	C 185.00	C 190.00
G 0.0	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82
G 5.0	292.37	291.57	288.13	285.96	283.25	280.67	276.45	274.75	273.78	271.75	268.37	265.45	264.15
G 10.0	330.64	326.69	323.46	315.51	309.81	303.86	296.65	289.46	283.26	274.78	271.29	267.08	261.43
G 15.0	357.36	352.74	347.70	341.31	335.66	328.06	323.34	311.38	302.10	288.69	276.63	268.86	261.14
G 20.0	395.78	388.66	383.00	370.51	363.19	354.34	339.92	325.32	313.50	300.90	284.93	270.11	261.50
G 25.0	411.46	412.90	406.34	401.61	387.30	374.53	359.56	346.12	330.23	312.24	297.64	285.77	273.49
G 30.0	412.56	420.29	423.90	420.91	411.17	400.99	392.05	373.18	351.46	327.52	304.80	289.82	284.13
G 35.0	409.05	415.28	425.15	427.92	432.55	427.37	417.13	397.94	373.47	349.66	330.10	311.46	301.14
G 40.0	376.09	398.23	414.41	428.56	437.39	441.04	434.49	419.49	403.10	375.17	348.10	329.79	316.85
G 45.0	303.32	344.52	387.84	416.10	439.14	457.29	461.86	446.33	432.25	403.13	376.37	356.00	338.87
G 50.0	216.61	270.92	331.00	380.58	422.43	449.80	464.92	468.70	457.04	435.42	412.77	389.29	357.35
G 55.0	126.90	170.18	229.39	300.04	383.72	437.09	467.10	496.16	513.21	489.48	470.30	434.31	371.64
G 60.0	61.62	85.92	128.72	198.08	291.23	398.55	466.39	490.35	561.81	575.74	540.60	474.12	396.16
G 65.0	20.25	33.38	50.17	93.03	180.35	297.96	442.20	501.82	587.66	679.49	620.05	507.38	404.84
G 70.0	6.11	11.10	17.46	28.56	70.52	173.71	328.58	515.18	596.46	741.32	645.85	519.74	304.17
G 75.0	2.45	3.05	4.34	7.11	14.21	63.76	166.42	341.53	418.28	423.77	347.20	239.43	129.64
G 80.0	1.41	1.07	1.47	2.09	4.01	7.25	26.87	43.47	39.59	27.39	22.23	24.80	29.49
G 85.0	0.18	0.19	0.21	0.41	1.01	1.30	1.52	2.10	2.28	2.57	1.55	1.62	2.38
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 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Luminaire

Code LF4_GL02_SS_350_3K_2A

Name LF4_GL02_SS_350_3K_2A

Measurem.

Code LF4_GL02_SS_350_3K_2A

Name LF4_GL02_SS_350_3K_2A

Luminaire Flux		1417 lm		Luminaire Power		9.0 W		Efficacy		157.489 lm/W		Efficiency		100.00%											
Source Flux		1417 lm		Maximum value		757.06 cd/klm		Position		C=5.00 G=70.00		CG		Asymmetrical											
Luminous Intensity Table cd/klm														Table 4/6											
C 195.00		C 200.00		C 205.00		C 210.00		C 215.00		C 220.00		C 225.00		C 230.00		C 235.00		C 240.00		C 245.00		C 250.00		C 255.00	
G 0.0	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82
G 5.0	261.51	258.44	256.15	252.49	251.28	247.58	245.19	243.30	242.48	240.22	238.87	239.29	239.12	238.87	239.29	239.12	238.87	239.29	239.12	238.87	239.29	239.12	238.87	239.29	239.12
G 10.0	256.87	254.00	248.83	244.11	238.11	235.44	228.66	225.18	222.43	220.66	219.24	218.86	216.89	219.24	218.86	216.89	219.24	218.86	216.89	219.24	218.86	216.89	219.24	218.86	216.89
G 15.0	255.97	248.93	241.76	232.98	225.86	223.23	221.55	218.10	212.82	210.65	205.30	204.02	201.55	210.65	205.30	204.02	201.55	210.65	205.30	204.02	201.55	210.65	205.30	204.02	201.55
G 20.0	255.78	248.12	240.91	231.89	226.42	220.96	212.88	202.98	195.20	187.80	181.67	174.09	168.73	187.80	181.67	174.09	168.73	187.80	181.67	174.09	168.73	187.80	181.67	174.09	168.73
G 25.0	264.15	255.31	245.73	235.07	223.75	209.29	192.69	181.53	172.81	160.27	150.22	137.31	130.80	160.27	150.22	137.31	130.80	160.27	150.22	137.31	130.80	160.27	150.22	137.31	130.80
G 30.0	277.59	263.65	250.85	234.04	214.85	193.93	174.86	154.08	135.06	123.25	116.22	107.82	100.81	123.25	116.22	107.82	100.81	123.25	116.22	107.82	100.81	123.25	116.22	107.82	100.81
G 35.0	293.84	276.61	251.29	227.40	203.07	173.15	141.01	118.99	106.14	96.75	90.79	85.46	79.55	96.75	90.79	85.46	79.55	96.75	90.79	85.46	79.55	96.75	90.79	85.46	79.55
G 40.0	300.60	277.41	253.49	215.20	172.67	136.62	113.73	95.40	87.94	80.06	74.77	70.60	67.27	80.06	74.77	70.60	67.27	80.06	74.77	70.60	67.27	80.06	74.77	70.60	67.27
G 45.0	312.18	287.03	243.82	184.50	137.48	106.15	90.07	80.95	72.36	70.23	65.94	61.19	58.36	70.23	65.94	61.19	58.36	70.23	65.94	61.19	58.36	70.23	65.94	61.19	58.36
G 50.0	321.25	280.05	211.75	143.18	100.22	83.66	75.23	68.45	64.13	60.22	59.63	58.95	54.37	60.22	59.63	58.95	54.37	60.22	59.63	58.95	54.37	60.22	59.63	58.95	54.37
G 55.0	332.44	252.92	164.11	102.14	81.17	69.88	63.84	62.39	58.06	54.68	51.14	52.58	53.23	54.68	51.14	52.58	53.23	54.68	51.14	52.58	53.23	54.68	51.14	52.58	53.23
G 60.0	313.01	199.42	114.53	79.19	67.89	61.35	55.90	54.50	52.84	50.16	50.34	47.77	48.81	50.16	50.34	47.77	48.81	50.16	50.34	47.77	48.81	50.16	50.34	47.77	48.81
G 65.0	243.26	136.15	81.46	66.72	55.58	48.86	47.12	45.22	43.25	42.68	45.05	42.16	43.35	42.68	45.05	42.16	43.35	42.68	45.05	42.16	43.35	42.68	45.05	42.16	43.35
G 70.0	158.16	84.90	60.68	52.13	45.34	40.41	37.75	37.14	34.91	36.30	37.24	38.48	38.30	36.30	37.24	38.48	38.30	36.30	37.24	38.48	38.30	36.30	37.24	38.48	38.30
G 75.0	78.73	58.27	44.17	34.59	30.85	27.30	27.83	26.44	28.63	27.54	29.13	24.78	17.54	27.54	29.13	24.78	17.54	27.54	29.13	24.78	17.54	27.54	29.13	24.78	17.54
G 80.0	28.92	22.73	16.52	11.51	7.13	6.83	6.77	9.51	16.80	17.17	10.93	7.38	7.67	17.17	10.93	7.38	7.67	17.17	10.93	7.38	7.67	17.17	10.93	7.38	7.67
G 85.0	2.31	2.03	1.94	1.34	1.05	0.96	0.88	1.74	3.47	2.79	2.29	2.26	2.39	2.79	2.29	2.26	2.39	2.79	2.29	2.26	2.39	2.79	2.29	2.26	2.39
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	0.00	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	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	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	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	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	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	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	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	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	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	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	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	0.00	0.00	0.00									

Luminaire

Code LF4_GL02_SS_350_3K_2A

Name LF4_GL02_SS_350_3K_2A

Measurem.

Code LF4_GL02_SS_350_3K_2A

Name LF4_GL02_SS_350_3K_2A

Luminaire Flux	1417 lm	Luminaire Power		9.0 W		Efficacy		157.489 lm/W		Efficiency		100.00%	
Source Flux	1417 lm	Maximum value		757.06 cd/klm		Position		C=5.00 G=70.00		CG		Asymmetrical	
Luminous Intensity Table cd/klm Table 5/6													
	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00
G 0.0	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82	265.82
G 5.0	237.86	237.32	236.81	235.90	237.06	236.66	237.01	236.29	235.57	238.82	240.97	244.40	246.40
G 10.0	218.80	219.92	216.84	219.48	221.65	221.86	221.17	223.47	224.08	225.28	229.11	229.56	233.53
G 15.0	197.19	195.18	195.03	193.98	195.65	195.85	200.81	205.54	207.06	213.11	217.38	221.73	226.09
G 20.0	163.53	164.33	162.17	164.88	162.46	167.82	173.24	179.16	186.30	192.74	201.89	208.17	215.42
G 25.0	127.59	125.58	125.08	127.09	129.42	134.20	138.87	146.92	155.21	168.75	181.93	196.04	205.42
G 30.0	96.76	95.94	93.52	93.50	98.78	102.31	109.03	115.74	122.05	136.23	155.14	172.16	192.71
G 35.0	77.39	76.37	74.50	76.63	77.65	79.91	84.12	89.75	94.25	102.69	119.78	142.11	167.52
G 40.0	65.49	65.73	65.19	67.23	65.87	67.10	71.06	76.58	79.80	86.40	94.97	109.60	135.33
G 45.0	59.70	61.78	59.81	58.28	61.05	60.67	62.65	66.32	67.66	75.10	81.59	91.63	102.51
G 50.0	54.03	55.40	55.55	55.78	55.51	56.13	56.91	58.36	58.41	64.07	69.13	77.30	84.75
G 55.0	53.56	54.56	54.38	54.01	54.19	52.82	52.43	52.14	56.88	57.94	60.70	63.24	70.34
G 60.0	48.95	49.05	47.50	49.47	49.92	50.15	51.02	49.67	49.06	51.44	51.74	56.67	60.73
G 65.0	45.35	45.07	43.33	45.84	45.44	42.71	43.92	43.72	45.00	45.09	45.67	48.37	51.89
G 70.0	39.07	37.54	36.54	38.02	39.17	37.38	36.65	38.57	35.48	36.41	35.90	38.20	40.94
G 75.0	11.94	10.87	10.07	11.36	11.84	17.53	24.54	30.60	30.15	28.06	27.80	30.19	27.70
G 80.0	9.01	14.24	13.75	14.36	9.14	8.23	7.35	11.63	17.69	14.70	9.98	7.76	7.76
G 85.0	2.16	3.56	3.80	3.94	2.62	2.35	2.26	2.22	2.80	3.50	1.85	1.09	0.98
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 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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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

Luminaire

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

Measurem.

Code LF4_GL02_SS_350_3K_2A
Name LF4_GL02_SS_350_3K_2A

Luminaire Flux	1417 lm	Luminaire Power	9.0 W	Efficacy	157.489 lm/W	Efficiency	100.00%
Source Flux	1417 lm	Maximum value	757.06 cd/klm	Position	C=5.00 G=70.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 6/6

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 0.0	265.82	265.82	265.82	265.82	265.82	265.82	265.82
G 5.0	247.49	248.60	252.53	256.22	257.10	259.62	261.25
G 10.0	238.67	242.38	243.12	247.79	252.33	255.64	260.54
G 15.0	229.22	234.25	241.18	249.92	254.33	259.68	261.99
G 20.0	225.28	232.37	240.91	248.63	255.86	263.99	270.29
G 25.0	217.56	230.32	242.90	249.93	260.35	271.78	283.57
G 30.0	212.50	227.98	245.47	259.31	270.23	280.33	287.59
G 35.0	196.03	222.74	247.25	268.85	283.95	294.47	304.46
G 40.0	170.41	208.69	252.64	276.02	299.28	316.41	325.52
G 45.0	131.43	183.81	236.81	282.15	309.73	338.44	354.53
G 50.0	100.48	139.93	210.04	277.23	318.49	348.27	381.54
G 55.0	81.41	99.45	160.83	249.96	326.31	371.81	423.43
G 60.0	66.63	78.42	110.46	194.10	312.50	392.76	465.75
G 65.0	56.21	65.02	80.63	129.26	236.87	393.22	509.55
G 70.0	45.28	53.30	61.93	85.73	155.06	298.72	515.73
G 75.0	30.07	34.94	44.31	56.26	79.30	129.41	243.88
G 80.0	8.39	12.08	16.81	23.29	30.06	31.27	27.47
G 85.0	1.03	1.31	2.17	2.21	2.39	2.31	1.61
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Measurem.

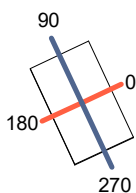
Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm	Luminaire Power	103.5 W	Efficacy	132.783 lm/W	Efficiency	100.00%
Source Flux	13743 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG	Asymmetrical
Rectangular Luminaire		Length	590 mm	Width	360 mm	Height	5 mm
Rectangular Luminous Area		Length	580 mm	Width	350 mm	Height	0 mm
Horizontal Luminous Area		0.203000 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.049110 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		16-10-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		13743 lm	
Operator		GMR LAB		Rated Voltage		230.00 V	
Temperature		25.20 °C		Rated Current		0.46 A	
Humidity		48.30 %		Photocell		Czibula Grundmann	
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LF5_GL08_SS_1050_3K_3C	LF5_GL08_SS_1050_3K_3C	13743.00	103.50	1
C.I.E.	30 67 96 100 100	D DIN 5040	A10		
F UTE	1.00 I	B NBN	BZ 7 / 0.8 / BZ 6 / 2 / BZ 5		

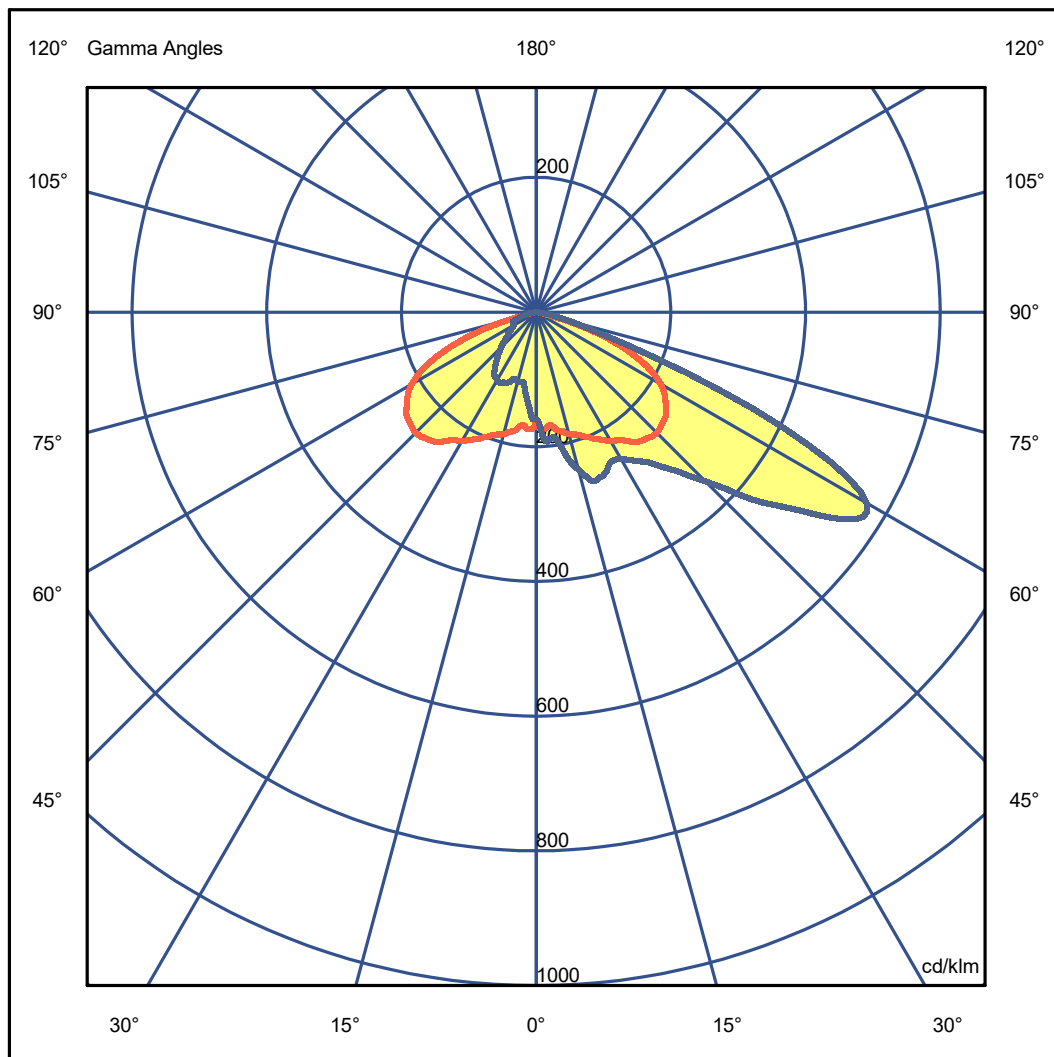
590mm x 360mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm	Luminaire Power	103.5 W	Efficacy	132.783 lm/W	Efficiency	100.00%
Source Flux	13743 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG Asymmetrical	

Luminous Intensity Table cd/klm Table 1/18

	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	170.85	173.34	174.86	173.37	171.43	171.45	171.40	169.29	167.71	168.37	169.03	167.72	166.52
G 2.0	173.88	174.82	175.61	174.65	174.28	172.42	172.71	175.89	177.94	178.96	173.01	169.66	172.36
G 3.0	174.30	175.32	174.16	173.69	174.44	177.89	181.22	181.97	178.20	175.59	176.92	181.20	183.54
G 4.0	174.41	175.00	175.90	176.43	178.93	180.80	181.13	179.12	178.47	179.42	181.50	183.86	185.24
G 5.0	172.42	174.56	176.28	178.27	179.59	180.91	179.79	178.68	179.39	181.55	183.11	184.73	187.65
G 6.0	169.65	170.76	173.49	176.03	178.35	179.89	179.53	178.81	179.00	180.57	182.52	184.40	187.20
G 7.0	168.63	170.35	172.93	175.17	177.39	178.61	178.96	178.80	179.19	180.47	182.19	184.08	185.88
G 8.0	170.63	172.95	175.13	176.18	176.94	177.83	178.78	179.65	179.88	180.35	181.12	183.39	185.54
G 9.0	174.45	177.94	179.52	179.39	178.48	178.39	179.06	180.30	180.82	180.69	180.90	183.26	186.55
G 10.0	178.11	181.59	183.04	182.18	180.91	180.30	180.49	181.52	182.45	182.70	183.47	186.20	190.15
G 11.0	179.27	182.95	185.10	185.19	183.53	182.42	181.95	182.78	184.14	186.06	188.04	191.15	194.59
G 12.0	181.57	185.17	187.80	188.06	186.57	184.78	183.88	184.71	186.68	189.55	193.00	196.47	200.18
G 13.0	182.75	186.49	189.34	189.79	188.48	186.58	186.03	187.28	188.70	193.31	197.69	202.19	206.73
G 14.0	185.85	189.27	190.84	190.35	189.04	187.79	188.15	190.14	193.24	197.54	202.77	208.37	213.82
G 15.0	187.29	190.29	191.19	190.07	188.80	188.56	190.28	193.06	197.02	202.21	208.46	215.00	220.95
G 16.0	189.20	191.62	191.86	190.72	189.69	190.06	192.19	195.67	200.50	206.78	214.09	221.26	227.59
G 17.0	190.02	192.35	192.35	191.14	190.43	191.42	194.41	199.24	205.52	212.63	220.19	227.28	233.61
G 18.0	191.10	193.41	193.48	191.95	190.99	192.41	196.85	203.49	211.20	219.02	226.66	233.54	239.47
G 19.0	192.43	195.14	195.04	193.01	191.89	194.04	200.18	208.90	218.16	226.28	233.07	238.90	243.96
G 20.0	194.84	197.06	196.80	195.04	194.29	197.30	204.44	214.15	224.17	232.46	238.47	243.15	247.00
G 21.0	197.41	199.23	198.72	197.65	198.13	202.02	209.53	219.71	229.97	237.93	242.70	245.72	248.53
G 22.0	199.63	201.17	201.06	201.12	203.04	207.94	215.65	225.43	235.16	242.57	246.78	249.09	251.01
G 23.0	202.07	204.25	204.80	205.54	208.36	214.01	222.14	231.46	240.16	246.51	250.19	252.02	253.19
G 24.0	204.94	207.58	208.39	209.74	213.64	220.34	228.92	237.60	244.93	249.99	252.86	254.06	254.41
G 25.0	207.66	211.21	212.18	213.56	218.14	226.14	235.51	243.69	249.45	252.87	254.25	254.05	253.43
G 26.0	210.09	214.24	215.49	217.79	223.63	232.52	241.97	249.49	253.94	255.71	255.22	253.47	251.65
G 27.0	212.68	218.21	220.39	223.40	229.98	239.61	248.87	255.33	258.32	258.50	256.69	253.67	250.60
G 28.0	215.38	221.26	224.35	228.88	236.82	247.00	255.73	260.87	262.16	260.92	257.96	254.08	249.83
G 29.0	218.22	225.19	229.26	234.55	243.53	254.54	263.07	266.77	266.17	263.27	259.04	254.34	249.78
G 30.0	220.61	228.26	233.60	240.32	250.42	262.02	270.58	273.35	270.87	265.64	259.44	253.98	249.78
G 31.0	222.96	231.79	238.34	246.30	257.67	269.68	278.00	279.61	275.41	267.90	259.88	253.69	250.09
G 32.0	224.45	234.51	242.55	252.21	264.69	277.14	284.91	284.97	278.67	269.34	260.43	254.09	251.06
G 33.0	226.64	237.41	246.52	257.80	271.60	284.26	290.92	289.08	280.91	270.67	261.82	255.91	253.31
G 34.0	229.65	241.20	251.09	263.31	277.95	290.73	296.33	292.90	283.50	272.87	264.31	258.90	256.76
G 35.0	233.51	245.65	255.93	268.74	284.00	296.69	301.42	296.73	286.36	275.47	267.32	262.44	260.46
G 36.0	237.56	250.84	261.36	274.32	289.88	302.74	306.87	300.86	289.34	277.95	270.12	266.03	264.80
G 37.0	241.21	255.74	267.32	281.29	297.09	309.80	312.97	305.51	292.30	280.28	272.84	269.72	269.67
G 38.0	244.33	259.74	272.41	287.79	304.55	317.48	319.84	310.90	295.89	282.75	275.48	273.63	275.38
G 39.0	246.06	262.62	276.57	293.42	311.25	324.49	326.39	316.54	300.48	286.48	279.02	277.67	280.45
G 40.0	247.49	264.95	279.71	297.25	316.10	330.00	331.87	321.37	304.69	290.33	283.12	282.02	285.09
G 41.0	248.81	267.85	283.65	301.54	320.82	334.97	337.00	326.32	309.69	295.55	288.25	286.75	289.42
G 42.0	250.49	270.89	287.99	306.78	326.69	340.87	342.48	331.41	314.63	300.85	293.62	291.94	294.35
G 43.0	252.11	273.99	292.54	312.96	333.82	348.10	348.93	337.14	319.92	306.19	299.14	298.01	300.94
G 44.0	252.89	276.36	296.94	319.68	341.98	356.03	355.38	342.11	324.03	310.47	304.38	304.50	308.67
G 45.0	253.52	278.82	301.40	326.05	349.84	363.75	361.59	346.38	327.52	314.57	310.19	312.55	318.42
G 46.0	252.76	280.32	305.44	332.22	357.04	370.65	367.28	350.72	331.78	319.94	317.50	321.81	329.49
G 47.0	251.81	281.19	308.54	337.23	363.16	376.84	372.76	355.88	337.69	327.48	326.94	333.13	342.62
G 48.0	250.28	280.92	310.00	340.77	368.34	382.96	379.08	362.28	345.00	336.51	338.02	345.86	357.43
G 49.0	249.08	280.80	311.36	344.09	373.89	389.87	386.37	369.53	352.59	345.28	349.06	359.77	374.43
G 50.0	247.96	280.83	312.79	347.27	378.92	396.46	393.80	377.05	360.28	353.97	360.16	374.48	392.77
G 51.0	246.90	281.15	314.88	351.09	383.87	402.24	400.18	384.28	367.95	362.71	371.08	389.25	411.04
G 52.0	244.84	280.46	316.18	354.04	387.77	406.54	405.33	390.84	376.29	373.06	383.62	404.69	428.76
G 53.0	241.77	279.00	316.97	357.04	392.15	411.33	410.66	397.56	385.34	384.60	397.75	421.23	446.99
G 54.0	237.86	276.52	316.98	359.97	397.25	417.43	417.10	405.15	395.43	397.83	413.92	439.34	465.77
G 55.0	234.35	274.41	317.12	362.89	402.49	424.13	424.46	413.74	406.26	411.67	430.55	457.43	483.98
G 56.0	230.95	272.21	317.05	365.51	407.57	430.77	432.02	422.75	417.57	425.95	446.95	474.56	500.68
G 57.0	227.97	270.77	317.51	367.90	412.25	437.14	439.93	432.09	429.16	439.75	462.45	490.31	515.95
G 58.0	223.70	268.42	317.70	370.81	417.56	444.21	448.46	442.05	441.11	453.60	477.36	505.10	530.05
G 59.0	219.02	265.38	317.21	373.35	422.90	451.68	457.63	452.78	453.54	467.42	491.55	518.53	541.84
G 60.0	213.29	260.99	315.22	374.51	427.05	458.32	466.36	463.55	465.90	480.42	503.76	528.95	549.82
G 61.0	206.74	255.38	311.86	374.07	429.69	463.58	473.97	473.63	477.39	491.61	512.95	535.14	552.52
G 62.0	199.67	249.37	307.61	372.20	430.62	467.40	480.82	483.06	487.94	500.47	518.25	536.16	549.27
G 63.0	191.26	241.97	302.09	369.06	429.94	469.91	486.92	492.13	497.67	507.50	520.15	532.33	540.08
G 64.0	182.23	233.44	294.84	364.14	428.20	472.18	493.33	501.47	506.53	512.21	518.39	524.04	525.64
G 65.0	171.67	223.34	286.24	357.82	425.30	473.85	499.40	509.78	513.34	513.61	512.45	510.54	504.95
G 66.0	160.52	212.55	276.66	350.37	421.55	474.65	504.33	515.75	516.22	509.94	501.21	491.52	478.12
G 67.0	148.76	201.10	266.26	341.72	416.02	473.14	506.26	517.62	514.29	501.22	484.80	466.71	444.44
G 68.0	136.66	188.82	254.60	331.55	408.11	468.08	503.32	513.82	506.18	486.50	462.54	436.14	405.47
G 69.0	124.36	175.25	240.64	318.43	396.96	459.28	495.35	504.15	491.89	466.13	434.93	400.65	362.19
G 70.0	111.52	160.15	224.09	301.67	381.55	445.71	481.88	488.17	471.09	439.15	400.80	359.24	315.33
G 71.0	97.66	142.32	203.19	279.66	360.60	426.40	462.14	465.26	442.76	404.87	360.18	313.60	267.13
G 72.0	82.24	121.39	177.43	250.99	331.62	398.24	433.33	433.18	405.52	362.02	312.53	264.12	219.78

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux		13743 lm		Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%	
Source Flux		13743 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical			
Luminous Intensity Table cd/klm														Table 2/18	
	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00		
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	165.81	165.24	164.38	163.52	162.84	162.18	162.84	163.52	164.38	165.24	165.81	166.52	167.72	167.72	167.72
G 2.0	176.03	174.39	170.81	170.46	171.54	172.20	171.54	170.46	170.81	174.39	176.03	172.36	169.66	169.66	169.66
G 3.0	182.28	179.99	177.88	177.77	181.76	184.35	181.76	177.77	177.88	179.99	182.28	183.54	181.20	181.20	181.20
G 4.0	186.64	185.15	182.05	182.37	187.88	191.52	187.88	182.37	182.05	185.15	186.64	185.24	183.86	183.86	183.86
G 5.0	188.97	187.42	184.35	185.61	189.87	192.84	189.87	185.61	184.35	187.42	188.97	187.65	184.73	184.73	184.73
G 6.0	187.68	187.16	186.01	186.90	188.56	189.05	188.56	186.90	186.01	187.16	187.68	187.20	184.40	184.40	184.40
G 7.0	186.47	186.85	187.32	187.72	187.66	187.41	187.66	187.72	187.32	186.85	186.47	185.88	184.08	184.08	184.08
G 8.0	187.44	188.71	189.52	189.32	188.51	187.95	188.51	189.32	189.52	188.71	187.44	185.54	183.39	183.39	183.39
G 9.0	189.78	191.62	192.37	191.78	191.61	191.02	191.61	191.78	192.37	191.62	189.78	186.55	183.26	183.26	183.26
G 10.0	193.51	195.76	197.28	197.88	198.18	198.18	198.18	197.88	197.28	195.76	193.51	190.15	186.20	186.20	186.20
G 11.0	197.94	200.37	202.56	205.05	207.85	208.99	207.85	205.05	202.56	200.37	197.94	194.59	191.15	191.15	191.15
G 12.0	203.65	206.82	209.95	214.09	218.22	220.24	218.22	214.09	209.95	206.82	203.65	200.18	196.47	196.47	196.47
G 13.0	210.58	213.87	217.34	222.28	227.42	229.48	227.42	222.28	217.34	213.87	210.58	206.73	202.19	202.19	202.19
G 14.0	218.50	222.54	226.41	230.86	234.61	236.34	234.61	230.86	226.41	222.54	218.50	213.82	208.37	208.37	208.37
G 15.0	225.92	230.49	234.44	238.30	240.90	242.16	240.90	238.30	234.44	230.49	225.92	220.95	215.00	215.00	215.00
G 16.0	233.25	238.44	242.97	246.41	248.39	249.08	248.39	246.41	242.97	238.44	233.25	227.59	221.26	221.26	221.26
G 17.0	238.90	244.23	248.91	252.96	255.30	256.26	255.30	252.96	248.91	244.23	238.90	233.61	227.28	227.28	227.28
G 18.0	244.12	248.43	253.21	258.06	261.60	262.86	261.60	258.06	253.21	248.43	244.12	239.47	233.54	233.54	233.54
G 19.0	248.09	252.21	256.27	260.55	263.67	265.02	263.67	260.55	256.27	252.21	248.09	243.96	238.90	238.90	238.90
G 20.0	250.49	253.77	257.24	260.94	263.80	265.07	263.80	260.94	257.24	253.77	250.49	247.00	243.15	243.15	243.15
G 21.0	251.60	254.67	257.83	260.76	262.31	262.92	262.31	260.76	257.83	254.67	251.60	248.53	245.72	245.72	245.72
G 22.0	252.83	254.79	257.14	259.99	261.59	262.43	261.59	259.99	257.14	254.79	252.83	251.01	249.09	249.09	249.09
G 23.0	253.95	254.65	255.91	257.96	259.78	260.54	259.78	257.96	255.91	254.65	253.95	253.19	252.02	252.02	252.02
G 24.0	254.03	253.42	253.25	254.51	256.65	257.77	256.65	254.51	253.25	253.42	254.03	254.41	254.06	254.06	254.06
G 25.0	252.41	251.30	250.40	250.68	252.10	252.78	252.10	250.68	251.30	252.41	252.41	253.43	254.05	254.05	254.05
G 26.0	250.03	248.92	248.18	248.44	249.13	249.59	249.13	248.44	248.92	250.03	251.65	253.47	253.67	253.67	253.67
G 27.0	248.26	247.31	247.21	247.56	247.89	247.93	247.89	247.56	247.31	247.21	248.26	250.60	253.72	253.72	253.72
G 28.0	246.84	245.77	246.35	247.38	248.02	248.31	248.02	247.38	246.35	245.77	246.84	249.83	254.08	254.08	254.08
G 29.0	247.03	246.26	246.97	247.93	248.75	248.99	248.75	247.93	246.97	246.26	247.03	249.78	254.34	254.34	254.34
G 30.0	248.04	248.05	249.32	250.47	251.18	251.44	251.18	250.47	249.32	248.05	248.04	249.78	253.98	253.98	253.98
G 31.0	249.61	250.66	252.41	253.59	254.31	254.46	254.31	253.59	252.41	250.66	249.61	250.09	253.69	253.69	253.69
G 32.0	251.26	253.42	256.23	258.10	258.83	258.97	258.83	256.23	253.42	251.26	251.06	254.09	255.91	255.91	255.91
G 33.0	253.93	256.56	259.64	261.63	262.59	262.62	262.59	261.63	259.64	256.56	253.93	253.31	255.91	255.91	255.91
G 34.0	257.45	259.93	262.99	265.34	266.64	266.87	266.64	265.34	262.99	259.93	257.45	256.76	258.90	258.90	258.90
G 35.0	261.33	263.81	266.81	268.90	270.18	270.45	270.18	268.90	266.81	263.81	261.33	260.46	262.44	262.44	262.44
G 36.0	266.13	268.87	271.78	273.58	274.48	274.71	274.48	273.58	271.78	268.87	266.13	264.80	266.03	266.03	266.03
G 37.0	272.17	276.04	279.41	280.58	280.42	280.02	280.42	279.41	276.04	272.17	269.67	269.72	273.63	273.63	273.63
G 38.0	279.34	284.72	288.50	289.37	287.92	287.03	287.92	288.50	284.72	279.34	275.38	277.67	282.02	282.02	282.02
G 39.0	285.82	292.71	297.89	298.89	296.79	295.22	296.79	298.89	292.71	285.82	280.45	277.67	285.09	285.09	285.09
G 40.0	290.97	299.14	305.53	307.14	304.68	302.87	304.68	307.14	305.53	299.14	290.97	285.09	282.02	282.02	282.02
G 41.0	295.71	304.79	312.52	314.87	312.61	310.73	312.61	314.87	312.52	304.79	295.71	289.42	286.75	286.75	286.75
G 42.0	301.11	311.31	320.15	323.50	321.57	320.05	321.57	323.50	320.15	311.31	301.11	294.35	291.94	291.94	291.94
G 43.0	308.38	319.15	328.88	333.16	332.43	331.36	332.43	333.16	328.88	319.15	308.38	300.94	298.01	298.01	298.01
G 44.0	316.85	328.15	338.34	343.48	343.73	343.02	343.73	343.48	338.34	328.15	316.85	308.67	304.50	304.50	304.50
G 45.0	327.34	338.56	348.68	354.30	355.36	355.15	355.36	354.30	348.68	338.56	327.34	318.42	312.55	312.55	312.55
G 46.0	339.75	351.46	361.67	367.45	368.78	368.69	368.78	367.45	361.67	351.46	339.75	329.49	321.81	321.81	321.81
G 47.0	354.62	367.14	377.60	383.30	385.04	385.18	385.04	383.30	377.60	367.14	354.62	342.62	333.13	333.13	333.13
G 48.0	371.53	385.27	395.93	401.55	403.86	404.16	403.86	401.55	395.93	385.27	371.53	357.43	345.86	345.86	345.86
G 49.0	390.64	405.09	415.12	420.08	422.50	423.06	422.50	420.08	415.12	405.09	390.64	374.43	359.77	359.77	359.77
G 50.0	410.79	425.00	433.58	437.52	439.63	440.10	439.63	437.52	433.58	425.00	410.79	392.77	374.48	374.48	374.48
G 51.0	430.73	444.42	451.24	453.72	454.74	455.11	454.74	453.72	451.24	444.42	430.73	411.04	389.25	389.25	389.25
G 52.0	449.52	462.92	469.05	470.72	470.99	470.94	470.99	470.72	469.05	462.92	449.52	428.76	404.69	404.69	404.69
G 53.0	468.45	481.66	487.67	489.34	489.53	489.45	489.53	489.34	487.67	481.66	468.45	446.99	421.23	421.23	421.23
G 54.0	487.22	500.62	507.82	510.23	510.90	510.48	510.90	510.23	507.82	500.62	487.22	465.77	439.34	439.34	439.34
G 55.0	505.22	518.80	526.95	530.35	531.74	531.54	531.74	530.35	526.95	518.80	505.22	483.98	457.43	457.43	457.43
G 56.0	521.39	535.27	544.16	548.50	550.47	550.53	550.47	548.50	544.16	535.27	521.39	500.68	474.56	474.56	474.56
G 57.0	5														

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux		13743 lm		Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%	
Source Flux		13743 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical			
Luminous Intensity Table cd/klm														Table 3/18	
		C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00	
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	
G 1.0	169.03	168.37	167.71	169.29	171.40	171.45	171.43	173.37	174.86	173.34	170.85	169.84	168.80	168.80	
G 2.0	173.01	178.96	177.94	175.89	172.71	172.42	174.28	174.65	175.61	174.82	173.88	173.81	172.24	172.24	
G 3.0	176.92	175.59	178.20	181.97	181.22	177.89	174.44	173.69	174.16	175.32	174.30	173.45	171.72	171.72	
G 4.0	181.50	179.42	178.47	179.12	181.13	180.80	178.93	176.43	175.90	175.00	174.41	172.68	170.70	170.70	
G 5.0	183.11	181.55	179.39	178.68	179.79	180.91	179.59	178.27	176.28	174.56	172.42	171.01	169.09	169.09	
G 6.0	182.52	180.57	179.00	178.81	179.53	179.89	178.35	176.03	173.49	170.76	169.65	168.06	167.08	167.08	
G 7.0	182.19	180.47	179.19	178.80	178.96	178.61	177.39	175.17	172.93	170.35	168.63	167.26	165.40	165.40	
G 8.0	181.12	180.35	179.88	179.65	178.78	177.83	176.94	176.18	175.13	172.95	170.63	168.42	166.07	166.07	
G 9.0	180.90	180.69	180.82	180.30	179.06	178.39	178.48	179.39	179.52	177.94	174.45	171.01	167.97	167.97	
G 10.0	183.47	182.70	182.45	181.52	180.49	180.30	180.91	182.18	183.04	181.59	178.11	173.80	169.47	169.47	
G 11.0	188.04	186.06	184.14	182.78	181.95	182.42	183.53	185.19	185.10	182.95	179.27	174.84	170.09	170.09	
G 12.0	193.00	189.55	186.68	184.71	183.88	184.78	186.57	188.06	187.80	185.17	181.57	176.49	170.99	170.99	
G 13.0	197.69	193.31	189.70	187.28	186.03	186.58	188.48	189.79	189.34	186.49	182.75	177.52	171.43	171.43	
G 14.0	202.77	197.54	193.24	190.14	188.15	187.79	189.04	190.35	190.84	189.27	185.85	180.09	172.99	172.99	
G 15.0	208.46	202.21	197.02	193.06	190.28	188.56	188.80	190.07	191.19	190.29	187.29	181.79	174.28	174.28	
G 16.0	214.09	206.78	200.50	195.67	192.19	190.06	189.69	190.72	191.86	191.62	189.20	183.79	176.18	176.18	
G 17.0	220.19	212.63	205.52	199.24	194.41	191.42	190.43	191.14	192.35	192.35	190.02	185.18	177.80	177.80	
G 18.0	226.66	219.02	211.20	203.49	196.85	192.41	190.99	191.95	193.48	193.41	191.10	186.58	179.61	179.61	
G 19.0	233.07	226.28	218.16	208.90	200.18	194.04	191.89	193.01	195.04	195.14	192.43	187.77	180.98	180.98	
G 20.0	238.47	232.46	224.17	214.15	204.44	197.30	194.29	195.04	196.80	197.06	194.84	190.38	183.22	183.22	
G 21.0	242.70	237.93	229.97	219.71	209.53	202.02	198.13	197.65	198.72	199.23	197.41	192.56	184.48	184.48	
G 22.0	246.78	242.57	235.16	225.43	215.65	207.94	203.04	201.12	201.06	201.17	199.63	194.87	185.84	185.84	
G 23.0	250.19	246.51	240.16	231.46	222.14	214.01	208.36	205.54	204.80	204.25	202.07	196.36	186.18	186.18	
G 24.0	252.86	249.99	244.93	237.60	228.92	220.34	213.64	209.74	208.39	207.58	204.94	198.17	186.63	186.63	
G 25.0	254.25	252.87	249.45	243.69	235.51	226.14	218.14	213.56	212.18	211.21	207.66	199.50	186.87	186.87	
G 26.0	255.22	255.71	253.94	249.49	241.97	232.52	223.63	217.79	215.49	214.24	210.09	200.91	186.93	186.93	
G 27.0	256.69	258.50	258.32	255.33	248.87	239.61	229.98	223.40	220.39	218.21	212.68	202.24	187.11	187.11	
G 28.0	257.96	260.92	262.16	260.87	255.73	247.00	236.82	228.88	224.35	221.26	215.38	204.21	187.72	187.72	
G 29.0	259.04	263.27	266.17	266.77	263.07	254.54	243.53	234.55	229.26	225.19	218.22	206.01	188.53	188.53	
G 30.0	259.44	265.64	270.87	273.35	270.58	262.02	250.42	240.32	233.60	228.26	220.61	207.79	189.45	189.45	
G 31.0	259.88	267.90	275.41	279.61	278.00	269.68	257.67	246.30	238.34	231.79	222.96	209.02	189.62	189.62	
G 32.0	260.43	269.34	278.67	284.97	284.91	277.14	264.69	252.21	242.55	234.51	224.45	209.63	189.33	189.33	
G 33.0	261.82	270.67	280.91	289.08	290.92	284.26	271.60	257.80	246.52	237.41	226.64	210.95	189.37	189.37	
G 34.0	264.31	272.87	283.50	292.90	296.33	290.73	277.95	263.31	251.09	241.20	229.65	212.67	189.57	189.57	
G 35.0	267.32	275.47	286.36	296.73	301.42	296.69	284.00	268.74	255.93	245.65	233.51	215.04	189.87	189.87	
G 36.0	270.12	277.95	289.34	300.86	306.87	302.74	289.88	274.32	261.36	250.84	237.56	217.45	190.30	190.30	
G 37.0	272.84	280.28	292.30	305.51	312.97	309.80	297.09	281.29	267.32	255.74	241.21	219.95	191.14	191.14	
G 38.0	275.48	282.75	295.89	310.90	319.84	317.48	304.55	287.79	272.41	259.74	244.33	221.84	191.41	191.41	
G 39.0	279.02	286.48	300.48	316.54	326.39	324.49	311.25	293.42	276.57	262.62	246.06	222.10	190.39	190.39	
G 40.0	283.12	290.33	304.69	321.37	331.87	330.00	316.10	297.25	279.71	264.95	247.49	221.91	188.97	188.97	
G 41.0	288.25	295.55	309.69	326.32	337.00	334.97	320.82	301.54	283.65	267.85	248.81	221.73	187.74	187.74	
G 42.0	293.62	300.85	314.63	331.41	342.48	340.87	326.69	306.78	287.99	270.89	250.49	222.03	186.80	186.80	
G 43.0	299.14	306.19	319.92	337.14	348.93	348.10	333.82	312.96	292.54	273.99	252.11	222.27	185.39	185.39	
G 44.0	304.38	310.47	324.03	342.11	355.38	356.03	341.98	319.68	296.94	276.36	252.89	221.51	183.38	183.38	
G 45.0	310.19	314.57	327.52	346.38	361.59	363.75	349.84	326.05	301.40	278.82	253.52	220.47	181.23	181.23	
G 46.0	317.50	319.94	331.78	350.72	367.28	370.65	357.04	332.22	305.44	280.32	252.76	218.49	178.81	178.81	
G 47.0	326.94	327.48	337.69	355.88	372.76	376.84	363.16	337.23	308.54	281.19	251.81	216.37	176.12	176.12	
G 48.0	338.02	336.51	345.00	362.28	379.08	382.96	368.34	340.77	310.00	280.92	250.28	214.04	173.29	173.29	
G 49.0	349.06	345.28	352.59	369.53	386.37	389.87	373.89	344.09	311.36	280.80	249.08	211.80	170.69	170.69	
G 50.0	360.16	353.97	360.28	377.05	393.80	396.46	378.92	347.27	312.79	280.83	247.96	209.96	168.42	168.42	
G 51.0	371.08	362.71	367.95	384.28	400.18	402.24	383.87	351.09	314.88	281.15	246.90	208.06	166.14	166.14	
G 52.0	383.62	373.06	376.29	390.84	405.33	406.54	387.77	354.04	316.18	280.46	244.84	205.33	163.18	163.18	
G 53.0	397.75	384.60	385.34	397.56	410.66	411.33	392.15	357.04	316.97	279.00	241.77	201.51	159.47	159.47	
G 54.0	413.92	397.83	395.43	405.15	417.10	417.43	397.25	359.97	316.98	276.52	237.86	197.10	155.29	155.29	
G 55.0	430.55	411.67	406.26	413.74	424.46	424.13	402.49	362.89	317.12	274.41	234.35	193.01	151.34	151.34	
G 56.0	446.95	425.95	417.57	422.75	432.02	430.77	407.57	365.51	317.05	272.21	230.95	189.16	147.72	147.72	
G 57.0	462.45	439.75	429.16	432.09	439.93	437.14	412.25	367.90	317.51	270.77	227.97	185.21	143.76	143.76	
G 58.0	477.36	453.60	441.11	442.05	448.46	444.21	417.56	370.81	317.70	268.42	223.70	180.25	139.00	139.00	
G 59.0	491.55	4													

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux		13743 lm		Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%	
Source Flux		13743 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical			
Luminous Intensity Table cd/klm														Table 4/18	
		C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00	
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	166.17	163.85	163.66	164.44	164.73	164.53	164.18	163.87	163.62	163.06	161.73	160.62	160.57	160.57	160.57
G 2.0	171.95	170.00	166.77	164.35	161.95	160.56	160.30	160.23	160.01	159.52	158.85	158.50	158.49	158.49	158.49
G 3.0	169.09	167.46	164.76	162.25	159.66	157.77	157.00	156.99	156.90	156.14	154.85	153.58	152.66	152.66	152.66
G 4.0	167.98	165.44	163.28	160.49	157.28	154.93	153.70	153.52	153.16	152.14	151.06	149.46	147.69	147.69	147.69
G 5.0	166.37	163.95	161.78	159.45	155.95	152.49	149.99	148.99	149.43	149.14	147.51	145.21	142.11	142.11	142.11
G 6.0	165.00	162.41	159.75	156.45	152.21	147.99	144.88	143.33	143.10	141.94	140.66	138.45	135.73	135.73	135.73
G 7.0	162.65	159.62	156.88	152.98	148.05	143.16	139.08	136.42	134.90	133.39	132.26	130.44	128.02	128.02	128.02
G 8.0	163.14	159.20	154.94	150.07	144.59	139.05	133.84	129.69	126.70	124.48	123.04	121.60	120.04	120.04	120.04
G 9.0	164.47	159.85	154.36	148.13	141.82	135.29	129.47	124.28	120.35	117.82	115.96	114.41	113.03	113.03	113.03
G 10.0	165.18	159.76	153.75	146.50	139.38	132.15	125.67	119.97	115.83	113.12	111.29	110.11	109.01	109.01	109.01
G 11.0	164.92	158.69	151.76	143.75	135.91	128.51	121.92	116.70	112.92	110.37	108.83	107.74	106.79	106.79	106.79
G 12.0	164.91	157.36	149.11	140.43	132.53	125.53	119.22	114.25	110.78	108.54	107.49	107.11	106.77	106.77	106.77
G 13.0	164.50	156.41	147.42	138.39	130.16	122.96	116.71	112.05	108.97	107.14	106.50	106.47	106.72	106.72	106.72
G 14.0	164.90	156.39	147.39	138.01	129.08	121.27	115.04	110.51	107.57	106.22	105.90	106.09	106.63	106.63	106.63
G 15.0	165.35	156.33	147.23	137.54	128.14	119.93	113.80	109.60	106.73	105.35	105.07	105.49	106.33	106.33	106.33
G 16.0	166.90	157.11	147.16	136.68	126.86	118.82	113.16	109.39	106.62	105.12	104.68	104.97	105.46	105.46	105.46
G 17.0	168.45	157.57	146.29	135.26	125.39	117.69	112.34	108.79	106.29	104.70	104.06	104.08	104.33	104.33	104.33
G 18.0	170.10	158.44	146.06	134.34	124.36	117.04	112.07	108.62	106.27	104.77	104.17	103.98	103.91	103.91	103.91
G 19.0	171.41	159.14	145.86	133.60	123.63	116.50	111.48	108.08	105.95	104.51	103.99	103.84	104.31	104.31	104.31
G 20.0	172.70	159.45	145.37	132.81	122.96	115.89	111.00	107.73	105.73	104.67	104.42	104.85	105.73	105.73	105.73
G 21.0	172.91	158.95	144.57	132.06	122.07	114.80	109.82	106.72	105.23	104.81	105.23	106.21	107.52	107.52	107.52
G 22.0	172.85	157.85	143.35	130.82	120.71	113.18	108.27	105.55	104.50	104.81	106.02	107.84	109.70	109.70	109.70
G 23.0	172.17	156.53	141.76	129.00	118.87	111.38	106.72	104.31	103.97	105.08	107.22	109.49	111.42	111.42	111.42
G 24.0	171.58	155.28	139.85	126.64	116.64	109.71	105.69	104.00	104.14	105.74	108.23	110.69	112.66	112.66	112.66
G 25.0	171.07	154.01	137.74	124.10	114.35	108.20	105.00	103.89	104.64	106.88	109.54	111.75	113.16	113.16	113.16
G 26.0	170.02	152.22	135.54	122.00	112.67	107.31	104.77	104.27	105.55	108.02	110.77	112.90	114.39	114.39	114.39
G 27.0	169.25	150.49	133.58	120.32	111.63	106.83	104.67	104.56	106.21	109.00	111.85	114.00	115.40	115.40	115.40
G 28.0	168.22	148.49	131.60	119.21	111.22	106.58	104.63	105.01	107.12	109.72	112.37	114.50	116.24	116.24	116.24
G 29.0	167.79	147.05	130.12	118.15	110.36	105.73	103.98	104.83	107.23	109.98	112.51	114.49	116.06	116.06	116.06
G 30.0	167.39	145.71	128.17	116.10	108.50	104.10	102.73	103.89	106.68	109.42	111.81	113.73	115.29	115.29	115.29
G 31.0	166.79	144.34	126.20	113.74	106.20	102.16	101.09	102.46	105.25	108.26	110.72	112.62	113.97	113.97	113.97
G 32.0	165.84	142.99	124.36	111.52	103.92	100.31	99.66	101.07	103.63	106.35	108.70	110.62	112.16	112.16	112.16
G 33.0	164.81	141.29	122.51	109.88	102.57	99.24	98.72	100.13	102.50	104.96	107.05	108.71	110.32	110.32	110.32
G 34.0	163.56	139.40	120.55	108.02	100.94	98.14	98.19	99.77	101.96	103.91	105.57	106.90	108.39	108.39	108.39
G 35.0	162.22	137.14	117.96	105.43	98.83	96.62	97.13	99.11	101.34	103.20	104.40	105.25	106.25	106.25	106.25
G 36.0	161.05	134.94	115.46	102.96	96.46	94.39	95.31	97.73	100.27	102.24	103.37	103.97	104.21	104.21	104.21
G 37.0	160.34	133.11	113.18	100.60	94.22	92.36	93.46	95.99	98.67	100.81	101.89	102.31	102.10	102.10	102.10
G 38.0	159.11	131.00	110.92	98.61	92.69	91.08	92.26	94.62	97.16	99.99	100.01	100.32	99.86	99.86	99.86
G 39.0	157.09	128.65	108.52	96.43	90.90	89.81	91.16	93.32	95.24	96.64	97.33	97.35	96.75	96.75	96.75
G 40.0	154.74	126.06	105.95	94.26	89.14	88.41	89.80	91.77	93.20	94.12	94.50	94.28	93.46	93.46	93.46
G 41.0	152.91	123.92	103.82	92.42	87.54	86.85	88.07	89.71	90.75	91.39	91.46	90.99	89.83	89.83	89.83
G 42.0	151.10	121.71	101.78	90.63	85.83	85.08	86.06	87.43	88.30	88.72	88.49	87.72	86.44	86.44	86.44
G 43.0	148.71	119.13	99.50	88.64	83.89	83.01	83.82	85.03	85.79	85.96	85.46	84.47	83.12	83.12	83.12
G 44.0	146.06	116.45	96.94	86.12	81.37	80.51	81.43	82.62	83.27	83.35	82.77	81.56	79.97	79.97	79.97
G 45.0	143.47	113.75	94.33	83.58	79.00	78.15	78.96	79.90	80.40	80.37	79.64	78.23	76.43	76.43	76.43
G 46.0	141.02	111.26	91.95	81.44	77.04	76.02	76.38	76.96	77.23	77.16	76.22	74.71	72.81	72.81	72.81
G 47.0	138.14	108.42	89.42	79.17	74.87	73.67	73.70	74.07	74.23	73.85	72.63	70.99	69.29	69.29	69.29
G 48.0	135.21	105.87	87.17	77.24	72.92	71.56	71.29	71.46	71.47	70.95	69.60	67.88	66.15	66.15	66.15
G 49.0	132.72	103.73	85.22	75.26	70.76	69.22	68.97	69.12	69.11	68.38	66.99	65.13	63.27	63.27	63.27
G 50.0	130.38	101.49	83.13	73.23	68.81	67.32	67.08	67.13	66.98	66.17	64.65	62.58	60.43	60.43	60.43
G 51.0	127.94	99.12	81.00	71.27	66.95	65.38	65.15	65.14	64.81	63.63	61.93	59.91	57.94	57.94	57.94
G 52.0	125.12	96.61	78.86	69.27	65.03	63.55	63.29	63.15	62.69	61.46	59.72	57.58	55.55	55.55	55.55
G 53.0	121.83	93.98	76.66	67.55	63.38	61.93	61.49	61.24	60.65	59.43	57.83	55.91	53.95	53.95	53.95
G 54.0	118.14	90.88	74.09	65.37	61.37	59.90	59.50	59.32	58.96	58.03	56.58	54.50	52.13	52.13	52.13
G 55.0	114.63	87.79	71.36	62.96	59.30	57.97	57.73	57.79	57.57	56.70	55.21	53.08	50.55	50.55	50.55
G 56.0	111.47	84.99	68.84	60.66	57.21	56.02	55.92	56.14	56.06	55.21	53.61	51.28	48.66	48.66	48.66
G 57.0	108.20	82.47	66.68	58.42	55.03	54.12	54.36	54.89	54.71	53.60	51.66	49.29	46.80	46.80	46.80
G 58.0	104.38	79.54	64.27	56.15	52.71	51.97	52.44	53.14	52.96	51.73	49.67	47.17	44.71	44.71	44.71
G 59.0	99.99	76.15	61.63	53.79	50.29	49.51	50.14	51.09	51.07	49.87	47.63	45.03	42.62	42.62	42.62
G 60.0	95.63	7													

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm		Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%	
Source Flux	13743 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical			
Luminous Intensity Table cd/klm Table 5/18														
	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00	
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	
G 1.0	160.72	160.11	158.97	160.11	160.72	160.57	160.62	161.73	163.06	163.62	163.87	164.18	164.53	
G 2.0	158.23	158.26	158.83	158.26	158.23	158.49	158.50	158.85	159.52	160.01	160.23	160.30	160.56	
G 3.0	152.30	152.38	152.60	152.38	152.30	152.66	153.58	154.85	156.14	156.90	156.99	157.00	157.77	
G 4.0	145.80	144.18	143.33	144.18	145.80	147.69	149.46	151.06	152.14	153.16	153.52	153.70	154.93	
G 5.0	139.26	137.72	136.76	137.72	139.26	142.11	145.21	147.51	149.14	149.43	148.99	149.99	152.49	
G 6.0	133.28	131.15	130.09	131.15	133.28	135.73	138.45	140.66	141.94	143.10	143.33	144.88	147.99	
G 7.0	126.29	125.33	124.74	125.33	126.29	128.02	130.44	132.26	133.39	134.90	136.42	139.08	143.16	
G 8.0	119.03	118.35	118.19	118.35	119.03	120.04	121.60	123.04	124.48	126.70	129.69	133.84	139.05	
G 9.0	111.88	111.52	111.52	111.52	111.88	113.03	114.41	115.96	117.82	120.35	124.28	129.47	135.29	
G 10.0	107.94	107.15	106.69	107.15	107.94	109.01	110.11	111.29	113.12	115.83	119.97	125.67	132.15	
G 11.0	106.03	105.39	105.24	105.39	106.03	106.79	107.74	108.83	110.37	112.92	116.70	121.92	128.51	
G 12.0	106.37	105.80	105.44	105.80	106.37	106.77	107.11	107.49	108.54	110.78	114.25	119.22	125.53	
G 13.0	106.79	106.54	106.46	106.54	106.79	106.72	106.47	106.50	107.14	108.97	112.05	116.71	122.96	
G 14.0	106.84	106.89	106.79	106.89	106.84	106.63	106.09	105.90	106.22	107.57	110.51	115.04	121.27	
G 15.0	106.86	106.92	106.98	106.92	106.86	106.33	105.49	105.07	105.35	106.73	109.60	113.80	119.93	
G 16.0	105.68	105.70	105.57	105.70	105.68	105.46	104.97	104.68	105.12	106.62	109.39	113.16	118.82	
G 17.0	104.45	104.58	104.52	104.58	104.45	104.33	104.08	104.06	104.70	106.29	108.79	112.34	117.69	
G 18.0	103.73	103.83	103.64	103.83	103.73	103.91	103.98	104.17	104.77	106.27	108.62	112.07	117.04	
G 19.0	104.71	105.01	105.00	105.01	104.71	104.31	103.84	103.99	104.51	105.95	108.08	111.48	116.50	
G 20.0	106.70	107.32	107.52	107.32	106.70	105.73	104.85	104.42	104.67	105.73	107.73	111.00	115.89	
G 21.0	109.17	110.40	111.04	110.40	109.17	107.52	106.21	105.23	104.81	105.23	106.72	109.82	114.80	
G 22.0	111.34	112.61	113.06	112.61	111.34	109.70	107.84	106.02	104.81	104.50	105.55	108.27	113.18	
G 23.0	112.99	114.07	114.58	114.07	112.99	111.42	109.49	107.22	105.08	103.97	104.31	106.72	111.38	
G 24.0	113.68	114.32	114.43	114.32	113.68	112.66	110.69	108.23	105.74	104.14	104.00	105.69	109.71	
G 25.0	114.16	114.89	115.10	114.89	114.16	113.16	111.75	109.54	106.88	104.64	103.89	105.00	108.20	
G 26.0	115.36	116.10	116.33	116.10	115.36	114.39	112.90	110.77	108.02	105.55	104.27	104.77	107.31	
G 27.0	116.37	117.15	117.40	117.15	116.37	115.40	114.00	111.85	109.00	106.21	104.56	104.67	106.83	
G 28.0	117.36	118.01	118.29	118.01	117.36	116.24	114.50	112.37	109.72	107.12	105.01	104.63	106.58	
G 29.0	117.04	117.44	117.58	117.44	117.04	116.06	114.49	112.51	109.98	107.23	104.83	103.98	105.73	
G 30.0	116.41	116.64	116.82	116.64	116.41	115.29	113.73	111.81	109.42	106.68	103.89	102.73	104.10	
G 31.0	114.87	115.04	115.16	115.04	114.87	113.97	112.62	110.72	108.26	105.25	102.46	101.09	102.16	
G 32.0	113.36	114.06	114.26	114.06	113.36	112.16	110.62	108.70	106.35	103.63	101.07	99.66	100.31	
G 33.0	111.67	112.82	113.11	112.82	111.67	110.32	108.71	107.05	104.96	102.50	100.13	98.72	99.24	
G 34.0	109.94	111.30	111.79	111.30	109.94	108.39	106.90	105.57	103.91	101.96	99.77	98.19	98.14	
G 35.0	107.27	108.23	108.57	108.23	107.27	106.25	105.25	104.40	103.20	101.34	99.11	97.13	96.62	
G 36.0	104.45	104.65	104.77	104.65	104.45	104.21	103.97	103.37	102.24	100.27	97.73	95.31	94.39	
G 37.0	101.69	101.13	100.90	101.13	101.69	102.10	102.31	101.89	100.81	98.67	95.99	93.46	92.36	
G 38.0	99.06	98.00	97.68	98.00	99.06	99.86	100.32	100.01	98.99	97.16	94.62	92.26	91.08	
G 39.0	95.85	94.87	94.53	94.87	95.85	96.75	97.35	97.33	96.64	95.24	93.32	91.16	89.81	
G 40.0	92.27	91.28	90.92	91.28	92.27	93.46	94.28	94.50	94.12	93.20	91.77	89.80	88.41	
G 41.0	88.49	87.53	87.17	87.53	88.49	89.83	90.99	91.46	91.39	90.75	89.71	88.07	86.85	
G 42.0	85.04	83.88	83.46	83.88	85.04	86.44	87.72	88.49	88.72	88.30	87.43	86.06	85.08	
G 43.0	81.63	80.32	79.78	80.32	81.63	83.12	84.47	85.46	85.96	85.79	85.03	83.82	83.01	
G 44.0	78.41	77.23	76.81	77.23	78.41	79.97	81.56	82.77	83.35	83.27	82.62	81.43	80.51	
G 45.0	74.87	73.94	73.59	73.94	74.87	76.43	78.23	79.64	80.37	80.40	79.90	78.96	78.15	
G 46.0	71.49	70.76	70.63	70.76	71.49	72.81	74.71	76.22	77.16	77.23	76.96	76.38	76.02	
G 47.0	67.99	67.10	66.84	67.10	67.99	69.29	70.99	72.63	73.85	74.23	74.07	73.70	73.67	
G 48.0	64.77	63.61	63.28	63.61	64.77	66.15	67.88	69.60	70.95	71.47	71.46	71.29	71.56	
G 49.0	61.60	60.44	60.04	60.44	61.60	63.27	65.13	66.99	68.38	69.11	69.12	68.97	69.22	
G 50.0	58.73	57.55	57.29	57.55	58.73	60.43	62.58	64.65	66.17	66.98	67.13	67.08	67.32	
G 51.0	56.18	55.04	54.64	55.04	56.18	57.94	59.91	61.93	63.63	64.81	65.14	65.15	65.38	
G 52.0	53.79	52.60	52.19	52.60	53.79	55.55	57.58	59.72	61.46	62.69	63.15	63.29	63.55	
G 53.0	51.94	50.61	49.99	50.61	51.94	53.95	55.91	57.83	59.43	60.65	61.24	61.49	61.93	
G 54.0	49.95	48.47	47.94	48.47	49.95	52.13	54.50	56.58	58.03	58.96	59.32	59.50	59.90	
G 55.0	48.04	46.32	45.69	46.32	48.04	50.55	53.08	55.21	56.70	57.57	57.79	57.73	57.97	
G 56.0	46.16	44.50	43.92	44.50	46.16	48.66	51.28	53.61	55.21	56.06	56.14	55.92	56.02	
G 57.0	44.37	42.73	42.09	42.73	44.37	46.80	49.29	51.66	53.60	54.71	54.89	54.36	54.12	
G 58.0	42.51	41.25	40.73	41.25	42.51	44.71	47.17	49.67	51.73	52.96	53.14	52.44	51.97	
G 59.0	40.79	39.73	39.33	39.73	40.79	42.62	45.03	47.63	49.87	51.07	51.09	50.14	49.51	
G 60.0	39.13	38.40	38.16	38.40	39.13	40.81	43.13	45.72	47.83	48.93	48.77	47.83	47.23	
G 61.0	38.17	37.62	37.51	37.62	38.17	39.39	41.39	43.71	45.68	46.67	46.52	45.64	45.05	
G 62.0	37.21	37.15	37.26	37.15	37.21	37.92	39.47	41.51	43.34	44.34	44.21	43.39	42.74	
G 63.0	36.59	36.96	37.16	36.96	36.59	36.65	37.55	39.23	40.95	41.95	41.74	40.84	40.07	
G 64.0	35.55	36.30	36.58	36.30	35.55	35.14	35.59	36.98	38.58	39.44	39.07	38.07	37.18	
G 65.0	34.89	35.82	36.14	35.82	34.89	34.14	34.16	35.20	36.42	36.99	36.34	35.15	34.14	
G 66.0	34.98	36.26	36.77	36.26	34.98	33.72	33.27	33.84	34.61	34.68	33.71	32.30	31.23	
G 67.0	35.77	37.25	37.91	37.25	35.77	34.15	33.23	33.17	33.33	32.82	31.38	29.66	28.56	
G 68.0	36.03	37.39	38.00	37.39	36.03	34.39	33.26	32.70	32.27	31.10	29.18	27.19	26.06	
G 69.0	34.48	35.35	35.77	35.35	34.48	33.44	32.78	32.31	31.55	2				

Luminaire

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Measurem.

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm	Luminaire Power	103.5 W	Efficacy	132.783 lm/W	Efficiency	100.00%
Source Flux	13743 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG Asymmetrical	

Luminous Intensity Table cd/klm Table 6/18

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	164.73	164.44	163.66	163.85	166.17	168.80	169.84
G 2.0	161.95	164.35	166.77	170.00	171.95	172.24	173.81
G 3.0	159.66	162.25	164.76	167.46	169.09	171.72	173.45
G 4.0	157.28	160.49	163.28	165.44	167.98	170.70	172.68
G 5.0	155.95	159.45	161.78	163.95	166.37	169.09	171.01
G 6.0	152.21	156.45	159.75	162.41	165.00	167.08	168.06
G 7.0	148.05	152.98	156.88	159.62	162.65	165.40	167.26
G 8.0	144.59	150.07	154.94	159.20	163.14	166.07	168.42
G 9.0	141.82	148.13	154.36	159.85	164.47	167.97	171.01
G 10.0	139.38	146.50	153.75	159.76	165.18	169.47	173.80
G 11.0	135.91	143.75	151.76	158.69	164.92	170.09	174.84
G 12.0	132.53	140.43	149.11	157.36	164.91	170.99	176.49
G 13.0	130.16	138.39	147.42	156.41	164.50	171.43	177.52
G 14.0	129.08	138.01	147.39	156.39	164.90	172.99	180.09
G 15.0	128.14	137.54	147.23	156.33	165.35	174.28	181.79
G 16.0	126.86	136.68	147.16	157.11	166.90	176.18	183.79
G 17.0	125.39	135.26	146.29	157.57	168.45	177.80	185.18
G 18.0	124.36	134.34	146.06	158.44	170.10	179.61	186.58
G 19.0	123.63	133.60	145.86	159.14	171.41	180.98	187.77
G 20.0	122.96	132.81	145.37	159.45	172.70	183.22	190.38
G 21.0	122.07	132.06	144.57	158.95	172.91	184.48	192.56
G 22.0	120.71	130.82	143.35	157.85	172.85	185.84	194.87
G 23.0	118.87	129.00	141.76	156.53	172.17	186.18	196.36
G 24.0	116.64	126.64	139.85	155.28	171.58	186.63	198.17
G 25.0	114.35	124.10	137.74	154.01	171.07	186.87	199.50
G 26.0	112.67	122.00	135.54	152.22	170.02	186.93	200.91
G 27.0	111.63	120.32	133.58	150.49	169.25	187.11	202.24
G 28.0	111.22	119.21	131.60	148.49	168.22	187.72	204.21
G 29.0	110.36	118.15	130.12	147.05	167.79	188.53	206.01
G 30.0	108.50	116.10	128.17	145.71	167.39	189.45	207.79
G 31.0	106.20	113.74	126.20	144.34	166.79	189.62	209.02
G 32.0	103.92	111.52	124.36	142.99	165.84	189.33	209.63
G 33.0	102.57	109.88	122.51	141.29	164.81	189.37	210.95
G 34.0	100.94	108.02	120.55	139.40	163.56	189.57	212.67
G 35.0	98.83	105.43	117.96	137.14	162.22	189.87	215.04
G 36.0	96.46	102.96	115.46	134.94	161.05	190.30	217.45
G 37.0	94.22	100.60	113.18	133.11	160.34	191.14	219.95
G 38.0	92.69	98.61	110.92	131.00	159.11	191.41	221.84
G 39.0	90.90	96.43	108.52	128.65	157.09	190.39	222.10
G 40.0	89.14	94.26	105.95	126.06	154.74	188.97	221.91
G 41.0	87.54	92.42	103.82	123.92	152.91	187.74	221.73
G 42.0	85.83	90.63	101.78	121.71	151.10	186.80	222.03
G 43.0	83.89	88.64	99.50	119.13	148.71	185.39	222.27
G 44.0	81.37	86.12	96.94	116.45	146.06	183.38	221.51
G 45.0	79.00	83.58	94.33	113.75	143.47	181.23	220.47
G 46.0	77.04	81.44	91.95	111.26	141.02	178.81	218.49
G 47.0	74.87	79.17	89.42	108.42	138.14	176.12	216.37
G 48.0	72.92	77.24	87.17	105.87	135.21	173.29	214.04
G 49.0	70.76	75.26	85.22	103.73	132.72	170.69	211.80
G 50.0	68.81	73.23	83.13	101.49	130.38	168.42	209.96
G 51.0	66.95	71.27	81.00	99.12	127.94	166.14	208.06
G 52.0	65.03	69.27	78.86	96.61	125.12	163.18	205.33
G 53.0	63.38	67.55	76.66	93.98	121.83	159.47	201.51
G 54.0	61.37	65.37	74.09	90.88	118.14	155.29	197.10
G 55.0	59.30	62.96	71.36	87.79	114.63	151.34	193.01
G 56.0	57.21	60.66	68.84	84.99	111.47	147.72	189.16
G 57.0	55.03	58.42	66.68	82.47	108.20	143.76	185.21
G 58.0	52.71	56.15	64.27	79.54	104.38	139.00	180.25
G 59.0	50.29	53.79	61.63	76.15	99.99	133.79	174.93
G 60.0	48.06	51.42	58.82	72.65	95.63	128.48	169.03
G 61.0	45.81	48.98	55.87	68.97	90.83	122.69	162.40
G 62.0	43.35	46.24	52.76	64.98	85.63	116.23	155.20
G 63.0	40.51	43.11	49.15	60.52	79.92	109.15	147.09
G 64.0	37.43	39.70	45.20	55.66	73.69	101.39	138.30
G 65.0	34.27	36.24	41.14	50.56	67.04	92.99	128.33
G 66.0	31.21	32.91	37.10	45.23	59.77	83.60	117.51
G 67.0	28.51	29.91	33.39	40.08	52.56	74.20	106.44
G 68.0	26.06	27.28	30.08	35.40	45.78	65.13	95.46
G 69.0	24.05	25.07	27.19	31.33	39.94	57.03	85.02
G 70.0	22.08	22.98	24.70	27.99	35.11	49.90	75.01
G 71.0	20.27	21.02	22.47	25.23	31.12	43.47	65.07
G 72.0	18.48	19.13	20.45	22.82	27.52	37.41	54.90

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm		Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%
Source Flux	13743 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical		
Luminous Intensity Table cd/klm Table 7/18													
	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 73.0	65.52	97.56	146.40	214.57	292.75	359.14	393.66	390.58	358.58	311.35	260.60	214.62	176.09
G 74.0	48.75	72.48	111.55	170.66	243.07	307.61	342.00	337.72	303.56	255.40	207.27	167.55	137.43
G 75.0	33.48	48.83	76.93	123.81	186.07	245.37	279.19	276.05	243.74	199.11	157.54	126.18	104.55
G 76.0	21.81	29.86	47.20	80.08	128.30	178.17	209.66	210.05	184.05	147.42	115.05	92.87	78.71
G 77.0	14.37	17.43	26.25	45.86	78.30	115.47	142.19	146.70	130.15	104.63	82.47	68.26	59.67
G 78.0	10.25	10.67	13.99	23.80	42.52	66.88	87.17	94.52	87.13	72.56	59.57	51.52	46.71
G 79.0	8.14	7.66	8.41	12.38	21.63	35.72	49.64	57.66	56.81	50.64	44.34	40.29	37.72
G 80.0	6.60	5.98	5.95	7.44	11.69	19.24	28.24	35.40	37.83	36.47	34.09	32.37	31.04
G 81.0	5.66	5.11	4.91	5.39	7.37	11.50	17.33	23.08	26.48	27.29	26.76	26.18	25.47
G 82.0	4.82	4.32	4.06	4.27	5.36	7.80	11.73	16.14	19.40	20.81	21.02	20.93	20.55
G 83.0	4.17	3.78	3.54	3.65	4.30	5.85	8.43	11.60	14.27	15.78	16.38	16.60	16.47
G 84.0	3.58	3.30	3.11	3.17	3.56	4.55	6.25	8.49	10.48	11.84	12.64	13.15	13.24
G 85.0	2.85	2.69	2.64	2.69	2.93	3.60	4.71	6.26	7.76	8.92	9.76	10.37	10.64
G 86.0	2.13	2.07	2.08	2.16	2.35	2.79	3.56	4.62	5.73	6.69	7.47	8.08	8.42
G 87.0	1.36	1.38	1.43	1.57	1.70	1.97	2.47	3.23	4.09	4.88	5.54	6.05	6.34
G 88.0	0.93	0.91	0.92	1.00	1.13	1.33	1.62	2.09	2.64	3.20	3.69	4.11	4.37
G 89.0	0.58	0.57	0.55	0.54	0.65	0.81	1.02	1.29	1.63	1.99	2.29	2.50	2.61
G 90.0	0.00	0.05	0.09	0.11	0.17	0.25	0.37	0.53	0.74	0.94	1.10	1.19	1.23
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

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux		13743 lm	Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%
Source Flux		13743 lm	Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical		
Luminous Intensity Table cd/klm Table 8/18													
	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 73.0	144.51	119.07	100.22	88.14	81.58	79.66	81.58	88.14	100.22	119.07	144.51	176.09	214.62
G 74.0	114.23	95.58	81.39	71.99	66.68	65.06	66.68	71.99	81.39	95.58	114.23	137.43	167.55
G 75.0	88.65	75.51	65.02	57.78	53.69	52.42	53.69	57.78	65.02	75.51	88.65	104.55	126.18
G 76.0	68.29	59.18	51.76	46.59	43.70	42.75	43.70	46.59	51.76	59.18	68.29	78.71	92.87
G 77.0	53.08	46.88	41.68	38.21	36.31	35.80	36.31	38.21	41.68	46.88	53.08	59.67	68.26
G 78.0	42.46	38.08	34.38	32.00	30.69	30.34	30.69	32.00	34.38	38.08	42.46	46.71	51.52
G 79.0	34.96	31.76	28.81	26.80	25.63	25.29	25.63	26.80	28.81	31.76	34.96	37.72	40.29
G 80.0	29.07	26.49	23.94	22.09	20.97	20.60	20.97	22.09	23.94	26.49	29.07	31.04	32.37
G 81.0	24.00	21.83	19.56	17.81	16.83	16.45	16.83	17.81	19.56	21.83	24.00	25.47	26.18
G 82.0	19.47	17.61	15.67	14.12	13.29	12.97	13.29	14.12	15.67	17.61	19.47	20.55	20.93
G 83.0	15.67	14.25	12.68	11.39	10.62	10.33	10.62	11.39	12.68	14.25	15.67	16.47	16.60
G 84.0	12.72	11.55	10.26	9.14	8.43	8.18	8.43	9.14	10.26	11.55	12.72	13.24	13.15
G 85.0	10.25	9.34	8.23	7.39	6.83	6.68	6.83	7.39	8.23	9.34	10.25	10.64	10.37
G 86.0	8.20	7.45	6.48	5.75	5.27	5.15	5.27	5.75	6.48	7.45	8.20	8.42	8.08
G 87.0	6.23	5.68	4.89	4.23	3.84	3.72	3.84	4.23	4.89	5.68	6.23	6.34	6.05
G 88.0	4.38	4.03	3.48	2.88	2.50	2.35	2.50	2.88	3.48	4.03	4.38	4.37	4.11
G 89.0	2.61	2.38	2.06	1.64	1.39	1.24	1.39	1.64	2.06	2.38	2.61	2.61	2.50
G 90.0	1.23	1.14	1.01	0.80	0.62	0.55	0.62	0.80	1.01	1.14	1.23	1.23	1.19
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

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux		13743 lm		Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%		
Source Flux		13743 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical		
Luminous Intensity Table cd/klm														Table 9/18		
		C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00		
G 73.0	260.60	311.35	358.58	390.58	393.66	359.14	292.75	214.57	146.40	97.56	65.52	44.18	31.09			
G 74.0	207.27	255.40	303.56	337.72	342.00	307.61	243.07	170.66	111.55	72.48	48.75	33.89	25.03			
G 75.0	157.54	199.11	243.74	276.05	279.19	245.37	186.07	123.81	76.93	48.83	33.48	24.62	19.56			
G 76.0	115.05	147.42	184.05	210.05	209.66	178.17	128.30	80.08	47.20	29.86	21.81	17.80	15.43			
G 77.0	82.47	104.63	130.15	146.70	142.19	115.47	78.30	45.86	26.25	17.43	14.37	13.29	12.53			
G 78.0	59.57	72.56	87.13	94.52	87.17	66.88	42.52	23.80	13.99	10.67	10.25	10.56	10.49			
G 79.0	44.34	50.64	56.81	57.66	49.64	35.72	21.63	12.38	8.41	7.66	8.14	8.77	9.09			
G 80.0	34.09	36.47	37.83	35.40	28.24	19.24	11.69	7.44	5.95	5.98	6.60	7.32	7.75			
G 81.0	26.76	27.29	26.48	23.08	17.33	11.50	7.37	5.39	4.91	5.11	5.66	6.22	6.56			
G 82.0	21.02	20.81	19.40	16.14	11.73	7.80	5.36	4.27	4.06	4.32	4.82	5.33	5.44			
G 83.0	16.38	15.78	14.27	11.60	8.43	5.85	4.30	3.65	3.54	3.78	4.17	4.50	4.52			
G 84.0	12.64	11.84	10.48	8.49	6.25	4.55	3.56	3.17	3.11	3.30	3.58	3.73	3.68			
G 85.0	9.76	8.92	7.76	6.26	4.71	3.60	2.93	2.69	2.64	2.69	2.85	2.89	2.93			
G 86.0	7.47	6.69	5.73	4.62	3.56	2.79	2.35	2.16	2.08	2.07	2.13	2.14	2.13			
G 87.0	5.54	4.88	4.09	3.23	2.47	1.97	1.70	1.57	1.43	1.38	1.36	1.42	1.48			
G 88.0	3.69	3.20	2.64	2.09	1.62	1.33	1.13	1.00	0.92	0.91	0.93	0.94	0.93			
G 89.0	2.29	1.99	1.63	1.29	1.02	0.81	0.65	0.54	0.55	0.57	0.58	0.52	0.49			
G 90.0	1.10	0.94	0.74	0.53	0.37	0.25	0.17	0.11	0.09	0.05	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			

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux		13743 lm		Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%	
Source Flux		13743 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical	
Luminous Intensity Table cd/klm														Table 10/18	
		C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00	
G 73.0	23.84	20.38	18.48	17.38	16.87	17.12	18.57	20.95	23.23	24.31	24.18	23.71	23.52		
G 74.0	20.21	17.86	16.44	15.63	15.30	15.66	16.95	19.05	21.07	22.16	22.26	22.04	21.96		
G 75.0	16.81	15.30	14.28	13.74	13.66	14.11	15.34	17.23	19.15	20.27	20.48	20.20	20.00		
G 76.0	14.00	12.96	12.32	12.03	12.12	12.58	13.69	15.39	17.19	18.33	18.55	18.17	17.86		
G 77.0	11.78	11.08	10.70	10.54	10.65	11.04	12.05	13.58	15.22	16.31	16.50	16.06	15.77		
G 78.0	10.13	9.71	9.47	9.30	9.31	9.60	10.42	11.70	13.15	14.34	14.73	14.58	14.50		
G 79.0	8.92	8.63	8.24	8.04	7.99	8.26	8.90	10.01	11.45	12.72	13.37	13.45	13.58		
G 80.0	7.67	7.39	7.00	6.83	6.79	6.97	7.43	8.41	9.84	11.31	12.24	12.63	12.88		
G 81.0	6.48	6.17	5.88	5.72	5.67	5.69	6.03	6.96	8.46	9.97	11.05	11.53	11.84		
G 82.0	5.36	5.07	4.93	4.69	4.55	4.45	4.77	5.62	6.99	8.48	9.60	10.21	10.58		
G 83.0	4.40	4.19	4.04	3.73	3.51	3.43	3.68	4.42	5.60	6.95	7.95	8.46	8.75		
G 84.0	3.55	3.37	3.16	2.92	2.71	2.65	2.81	3.34	4.23	5.26	6.01	6.33	6.53		
G 85.0	2.79	2.66	2.46	2.28	2.12	2.05	2.12	2.44	2.95	3.60	4.03	4.21	4.27		
G 86.0	2.05	1.96	1.83	1.72	1.62	1.59	1.57	1.68	1.90	2.20	2.40	2.43	2.44		
G 87.0	1.45	1.36	1.23	1.19	1.16	1.14	1.08	1.09	1.13	1.25	1.27	1.32	1.33		
G 88.0	0.88	0.81	0.73	0.74	0.74	0.70	0.67	0.66	0.72	0.70	0.69	0.68	0.67		
G 89.0	0.42	0.35	0.28	0.27	0.25	0.20	0.17	0.14	0.13	0.09	0.07	0.04	0.02		
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux		13743 lm		Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%		
Source Flux		13743 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical		
Luminous Intensity Table cd/klm														Table 11/18		
		C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00		
G 73.0	23.64	23.85	23.93	23.85	23.64	23.52	23.71	24.18	24.31	23.23	20.95	18.57	17.12			
G 74.0	22.06	22.26	22.30	22.26	22.06	21.96	22.04	22.26	22.16	21.07	19.05	16.95	15.66			
G 75.0	20.13	20.50	20.68	20.50	20.13	20.00	20.20	20.48	20.27	19.15	17.23	15.34	14.11			
G 76.0	18.04	18.50	18.80	18.50	18.04	17.86	18.17	18.55	18.33	17.19	15.39	13.69	12.58			
G 77.0	16.13	16.93	17.34	16.93	16.13	15.77	16.06	16.50	16.31	15.22	13.58	12.05	11.04			
G 78.0	15.12	16.09	16.59	16.09	15.12	14.50	14.58	14.73	14.34	13.15	11.70	10.42	9.60			
G 79.0	14.21	15.26	15.67	15.26	14.21	13.58	13.45	13.37	12.72	11.45	10.01	8.90	8.26			
G 80.0	13.52	14.36	14.80	14.36	13.52	12.88	12.63	12.24	11.31	9.84	8.41	7.43	6.97			
G 81.0	12.35	12.96	13.28	12.96	12.35	11.84	11.53	11.05	9.97	8.46	6.96	6.03	5.69			
G 82.0	11.05	11.55	11.82	11.55	11.05	10.58	10.21	9.60	8.48	6.99	5.62	4.77	4.45			
G 83.0	9.15	9.56	9.75	9.56	9.15	8.75	8.46	7.95	6.95	5.60	4.42	3.68	3.43			
G 84.0	6.84	7.22	7.39	7.22	6.84	6.53	6.33	6.01	5.26	4.23	3.34	2.81	2.65			
G 85.0	4.47	4.72	4.85	4.72	4.47	4.27	4.21	4.03	3.60	2.95	2.44	2.12	2.05			
G 86.0	2.61	2.84	2.98	2.84	2.61	2.44	2.43	2.40	2.20	1.90	1.68	1.57	1.59			
G 87.0	1.41	1.54	1.57	1.54	1.41	1.33	1.32	1.27	1.25	1.13	1.09	1.08	1.14			
G 88.0	0.77	0.86	0.94	0.86	0.77	0.67	0.68	0.69	0.70	0.72	0.66	0.67	0.70			
G 89.0	0.01	0.00	0.00	0.00	0.01	0.02	0.04	0.07	0.09	0.13	0.14	0.17	0.20			
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			

Luminaire

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Measurem.

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm	Luminaire Power	103.5 W	Efficacy	132.783 lm/W	Efficiency	100.00%
Source Flux	13743 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 12/18

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 73.0	16.87	17.38	18.48	20.38	23.84	31.09	44.18
G 74.0	15.30	15.63	16.44	17.86	20.21	25.03	33.89
G 75.0	13.66	13.74	14.28	15.30	16.81	19.56	24.62
G 76.0	12.12	12.03	12.32	12.96	14.00	15.43	17.80
G 77.0	10.65	10.54	10.70	11.08	11.78	12.53	13.29
G 78.0	9.31	9.30	9.47	9.71	10.13	10.49	10.56
G 79.0	7.99	8.04	8.24	8.63	8.92	9.09	8.77
G 80.0	6.79	6.83	7.00	7.39	7.67	7.75	7.32
G 81.0	5.67	5.72	5.88	6.17	6.48	6.56	6.22
G 82.0	4.55	4.69	4.93	5.07	5.36	5.44	5.33
G 83.0	3.51	3.73	4.04	4.19	4.40	4.52	4.50
G 84.0	2.71	2.92	3.16	3.37	3.55	3.68	3.73
G 85.0	2.12	2.28	2.46	2.66	2.79	2.93	2.89
G 86.0	1.62	1.72	1.83	1.96	2.05	2.13	2.14
G 87.0	1.16	1.19	1.23	1.36	1.45	1.48	1.42
G 88.0	0.74	0.74	0.73	0.81	0.88	0.93	0.94
G 89.0	0.25	0.27	0.28	0.35	0.42	0.49	0.52
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurem.

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm	Luminaire Power	103.5 W	Efficacy	132.783 lm/W	Efficiency	100.00%
Source Flux	13743 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 13/18

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

Luminaire

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Measurem.

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm	Luminaire Power	103.5 W	Efficacy	132.783 lm/W	Efficiency	100.00%
Source Flux	13743 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 14/18

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

Luminaire

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Measurem.

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux		13743 lm		Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%	
Source Flux		13743 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical	
Luminous Intensity Table cd/klm														Table 15/18	
C 130.00		C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00		
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00	0.00

Luminaire

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Measurem.

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux		13743 lm	Luminaire Power		103.5 W		Efficacy		132.783 lm/W		Efficiency		100.00%	
Source Flux		13743 lm	Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical			
Luminous Intensity Table cd/klm Table 16/18														
		C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00

Luminaire

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Measurement

Code LF5_GL08_SS_1050_3K_3C
Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm	Luminaire Power	103.5 W	Efficacy	132.783 lm/W	Efficiency	100.00%
Source Flux	13743 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 17/18

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

Luminaire

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Measurem.

Code LF5_GL08_SS_1050_3K_3C

Name LF5_GL08_SS_1050_3K_3C

Luminaire Flux	13743 lm	Luminaire Power	103.5 W	Efficacy	132.783 lm/W	Efficiency	100.00%
Source Flux	13743 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 18/18

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

Luminaire

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Measurem.

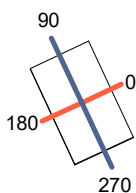
Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Luminaire Flux	8133 lm	Luminaire Power	50.5 W	Efficacy	161.050 lm/W	Efficiency	100.00%
Source Flux	8133 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG	Asymmetrical
Rectangular Luminaire		Length	590 mm	Width	360 mm	Height	5 mm
Rectangular Luminous Area		Length	580 mm	Width	350 mm	Height	0 mm
Horizontal Luminous Area		0.203000 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.049110 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		16-10-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		8133 lm	
Operator		GMR LAB		Rated Voltage		230.00 V	
Temperature		25.10 °C		Rated Current		0.22 A	
Humidity		49.00 %		Photocell		Czibula Grundmann	
Notes							

Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	LF5_GL08_SS_525_3K_3C	LF5_GL08_SS_525_3K_3C	8133.00	50.50	1
C.I.E.	30 67 96 100 100	D DIN 5040	A10		
F UTE	1.00 I	B NBN	BZ 7 / 0.8 / BZ 6 / 2 / BZ 5		

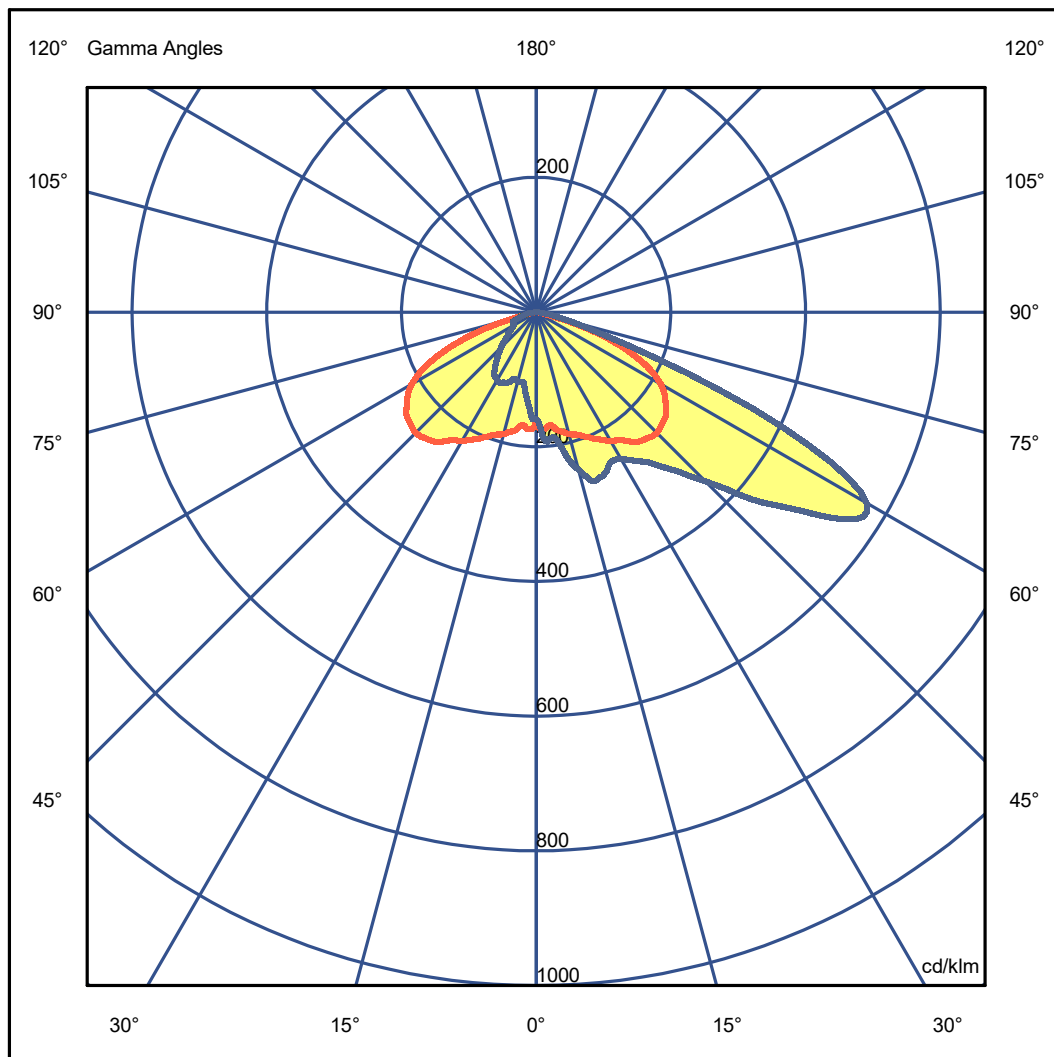
590mm x 360mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux	8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%
Source Flux	8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical		
Luminous Intensity Table cd/klm Table 1/18													
	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	170.85	173.34	174.86	173.37	171.43	171.45	171.40	169.29	167.71	168.37	169.03	167.72	166.52
G 2.0	173.88	174.82	175.61	174.65	174.28	172.42	172.71	175.89	177.94	178.96	173.01	169.66	172.36
G 3.0	174.30	175.32	174.16	173.69	174.44	177.89	181.22	181.97	178.20	175.59	176.92	181.20	183.54
G 4.0	174.41	175.00	175.90	176.43	178.93	180.80	181.13	179.12	178.47	179.42	181.50	183.86	185.24
G 5.0	172.42	174.56	176.28	178.27	179.59	180.91	179.79	178.68	179.39	181.55	183.11	184.73	187.65
G 6.0	169.65	170.76	173.49	176.03	178.35	179.89	179.53	178.81	179.00	180.57	182.52	184.40	187.20
G 7.0	168.63	170.35	172.93	175.17	177.39	178.61	178.96	178.80	179.19	180.47	182.19	184.08	185.88
G 8.0	170.63	172.95	175.13	176.18	176.94	177.83	178.78	179.65	179.88	180.35	181.12	183.39	185.54
G 9.0	174.45	177.94	179.52	179.39	178.48	178.39	179.06	180.30	180.82	180.69	180.90	183.26	186.55
G 10.0	178.11	181.59	183.04	182.18	180.91	180.30	180.49	181.52	182.45	182.70	183.47	186.20	190.15
G 11.0	179.27	182.95	185.10	185.19	183.53	182.42	181.95	182.78	184.14	186.06	188.04	191.15	194.59
G 12.0	181.57	185.17	187.80	188.06	186.57	184.78	183.88	184.71	186.68	189.55	193.00	196.47	200.18
G 13.0	182.75	186.49	189.34	189.79	188.48	186.58	186.03	187.28	189.70	193.31	197.69	202.19	206.73
G 14.0	185.85	189.27	190.84	190.35	189.04	187.79	188.15	190.14	193.24	197.54	202.77	208.37	213.82
G 15.0	187.29	190.29	191.19	190.07	188.80	188.56	190.28	193.06	197.02	202.21	208.46	215.00	220.95
G 16.0	189.20	191.62	191.86	190.72	189.69	190.06	192.19	195.67	200.50	206.78	214.09	221.26	227.59
G 17.0	190.02	192.35	192.35	191.14	190.43	191.42	194.41	199.24	205.52	212.63	220.19	227.28	233.61
G 18.0	191.10	193.41	193.48	191.95	190.99	192.41	196.85	203.49	211.20	219.02	226.66	233.54	239.47
G 19.0	192.43	195.14	195.04	193.01	191.89	194.04	200.18	208.90	218.16	226.28	233.07	238.90	243.96
G 20.0	194.84	197.06	196.80	195.04	194.29	197.30	204.44	214.15	224.17	232.46	238.47	243.15	247.00
G 21.0	197.41	199.23	198.72	197.65	198.13	202.02	209.53	219.71	229.97	237.93	242.70	245.72	248.53
G 22.0	199.63	201.17	201.06	201.12	203.04	207.94	215.65	225.43	235.16	242.57	246.78	249.09	251.01
G 23.0	202.07	204.25	204.80	205.54	208.36	214.01	222.14	231.46	240.16	246.51	250.19	252.02	253.19
G 24.0	204.94	207.58	208.39	209.74	213.64	220.34	228.92	237.60	244.93	249.99	252.86	254.06	254.41
G 25.0	207.66	211.21	212.18	213.56	218.14	226.14	235.51	243.69	249.45	252.87	254.25	254.05	253.43
G 26.0	210.09	214.24	215.49	217.79	223.63	232.52	241.97	249.49	253.94	255.71	255.22	253.47	251.65
G 27.0	212.68	218.21	220.39	223.40	229.98	239.61	248.87	255.33	258.32	258.50	256.69	253.67	250.60
G 28.0	215.38	221.26	224.35	228.88	236.82	247.00	255.73	260.87	262.16	260.92	257.96	254.08	249.83
G 29.0	218.22	225.19	229.26	234.55	243.53	254.54	263.07	266.77	266.17	263.27	259.04	254.34	249.78
G 30.0	220.61	228.26	233.60	240.32	250.42	262.02	270.58	273.35	270.87	265.64	259.44	253.98	249.78
G 31.0	222.96	231.79	238.34	246.30	257.67	269.68	278.00	279.61	275.41	267.90	259.88	253.69	250.09
G 32.0	224.45	234.51	242.55	252.21	264.69	277.14	284.91	284.97	278.67	269.34	260.43	254.09	251.06
G 33.0	226.64	237.41	246.52	257.80	271.60	284.26	290.92	289.08	280.91	270.67	261.82	255.91	253.31
G 34.0	229.65	241.20	251.09	263.31	277.95	290.73	296.33	292.90	283.50	272.87	264.31	258.90	256.76
G 35.0	233.51	245.65	255.93	268.74	284.00	296.69	301.42	296.73	286.36	275.47	267.32	262.44	260.46
G 36.0	237.56	250.84	261.36	274.32	289.88	302.74	306.87	300.86	289.34	277.95	270.12	266.03	264.80
G 37.0	241.21	255.74	267.32	281.29	297.09	309.80	312.97	305.51	292.30	280.28	272.84	269.72	269.67
G 38.0	244.33	259.74	272.41	287.79	304.55	317.48	319.84	310.90	295.89	282.75	275.48	273.63	275.38
G 39.0	246.06	262.62	276.57	293.42	311.25	324.49	326.39	316.54	300.48	286.48	279.02	277.67	280.45
G 40.0	247.49	264.95	279.71	297.25	316.10	330.00	331.87	321.37	304.69	290.33	283.12	282.02	285.09
G 41.0	248.81	267.85	283.65	301.54	320.82	334.97	337.00	326.32	309.69	295.55	288.25	286.75	289.42
G 42.0	250.49	270.89	287.99	306.78	326.69	340.87	342.48	331.41	314.63	300.85	293.62	291.94	294.35
G 43.0	252.11	273.99	292.54	312.96	333.82	348.10	348.93	337.14	319.92	306.19	299.14	298.01	300.94
G 44.0	252.89	276.36	296.94	319.68	341.98	356.03	355.38	342.11	324.03	310.47	304.38	304.50	308.67
G 45.0	253.52	278.82	301.40	326.05	349.84	363.75	361.59	346.38	327.52	314.57	310.19	312.55	318.42
G 46.0	252.76	280.32	305.44	332.22	357.04	370.65	367.28	350.72	331.78	319.94	317.50	321.81	329.49
G 47.0	251.81	281.19	308.54	337.23	363.16	376.84	372.76	355.88	337.69	327.48	326.94	333.13	342.62
G 48.0	250.28	280.92	310.00	340.77	368.34	382.96	379.08	362.28	345.00	336.51	338.02	345.86	357.43
G 49.0	249.08	280.80	311.36	344.09	373.89	389.87	386.37	369.53	352.59	345.28	349.06	359.77	374.43
G 50.0	247.96	280.83	312.79	347.27	378.92	396.46	393.80	377.05	360.28	353.97	360.16	374.48	392.77
G 51.0	246.90	281.15	314.88	351.09	383.87	402.24	400.18	384.28	367.95	362.71	371.08	389.25	411.04
G 52.0	244.84	280.46	316.18	354.04	387.77	406.54	405.33	390.84	376.29	373.06	383.62	404.69	428.76
G 53.0	241.77	279.00	316.97	357.04	392.15	411.33	410.66	397.56	385.34	384.60	397.75	421.23	446.99
G 54.0	237.86	276.52	316.98	359.97	397.25	417.43	417.10	405.15	395.43	397.83	413.92	439.34	465.77
G 55.0	234.35	274.41	317.12	362.89	402.49	424.13	424.46	413.74	406.26	411.67	430.55	457.43	483.98
G 56.0	230.95	272.21	317.05	365.51	407.57	430.77	432.02	422.75	417.57	425.95	446.95	474.56	500.68
G 57.0	227.97	270.77	317.51	367.90	412.25	437.14	439.93	432.09	429.16	439.75	462.45	490.31	515.95
G 58.0	223.70	268.42	317.70	370.81	417.56	444.21	448.46	442.05	441.11	453.60	477.36	505.10	530.05
G 59.0	219.02	265.38	317.21	373.35	422.90	451.68	457.63	452.78	453.54	467.42	491.55	518.53	541.84
G 60.0	213.29	260.99	315.22	374.51	427.05	458.32	466.36	463.55	465.90	480.42	503.76	528.95	549.82
G 61.0	206.74	255.38	311.86	374.07	429.69	463.58	473.97	473.63	477.39	491.61	512.95	535.14	552.52
G 62.0	199.67	249.37	307.61	372.20	430.62	467.40	480.82	483.06	487.94	500.47	518.25	536.16	549.27
G 63.0	191.26	241.97	302.09	369.06	429.94	469.91	486.92	492.13	497.67	507.50	520.15	532.33	540.08
G 64.0	182.23	233.44	294.84	364.14	428.20	472.18	493.33	501.47	506.53	512.21	518.39	5249	

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux	8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%
Source Flux	8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical		
Luminous Intensity Table cd/klm Table 2/18													
	C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	165.81	165.24	164.38	163.52	162.84	162.18	162.84	163.52	164.38	165.24	165.81	166.52	167.72
G 2.0	176.03	174.39	170.81	170.46	171.54	172.20	171.54	170.46	170.81	174.39	176.03	172.36	169.66
G 3.0	182.28	179.99	177.88	177.77	181.76	184.35	181.76	177.77	177.88	179.99	182.28	183.54	181.20
G 4.0	186.64	185.15	182.05	182.37	187.88	191.52	187.88	182.37	182.05	185.15	186.64	185.24	183.86
G 5.0	188.97	187.42	184.35	185.61	189.87	192.84	189.87	185.61	184.35	187.42	188.97	187.65	184.73
G 6.0	187.68	187.16	186.01	186.90	188.56	189.05	188.56	186.90	186.01	187.16	187.68	187.20	184.40
G 7.0	186.47	186.85	187.32	187.72	187.66	187.41	187.66	187.72	187.32	186.85	186.47	185.88	184.08
G 8.0	187.44	188.71	189.52	189.32	188.51	187.95	188.51	189.32	189.52	188.71	187.44	185.54	183.39
G 9.0	189.78	191.62	192.37	191.78	191.61	191.02	191.61	191.78	192.37	191.62	189.78	186.55	183.26
G 10.0	193.51	195.76	197.28	197.88	198.18	198.18	197.88	197.28	195.76	193.51	190.15	186.20	
G 11.0	197.94	200.37	202.56	205.05	207.85	208.99	207.85	205.05	202.56	200.37	197.94	194.59	191.15
G 12.0	203.65	206.82	209.95	214.09	218.22	220.24	218.22	214.09	209.95	206.82	203.65	200.18	196.47
G 13.0	210.58	213.87	217.34	222.28	227.42	229.48	227.42	222.28	217.34	213.87	210.58	206.73	202.19
G 14.0	218.50	222.54	226.41	230.86	234.61	236.34	234.61	230.86	226.41	222.54	218.50	213.82	208.37
G 15.0	225.92	230.49	234.44	238.30	240.90	242.16	240.90	238.30	234.44	230.49	225.92	220.95	215.00
G 16.0	233.25	238.44	242.97	246.41	248.39	249.08	248.39	246.41	242.97	238.44	233.25	227.59	221.26
G 17.0	238.90	244.23	248.91	252.96	255.30	256.26	255.30	252.96	248.91	244.23	238.90	233.61	227.28
G 18.0	244.12	248.43	253.21	258.06	261.60	262.86	261.60	258.06	253.21	248.43	244.12	239.47	233.54
G 19.0	248.09	252.21	256.27	260.55	263.67	265.02	263.67	260.55	256.27	252.21	248.09	243.96	238.90
G 20.0	250.49	253.77	257.24	260.94	263.80	265.07	263.80	260.94	257.24	253.77	250.49	247.00	243.15
G 21.0	251.60	254.67	257.83	260.76	262.31	262.92	262.31	260.76	257.83	254.67	251.60	248.53	245.72
G 22.0	252.83	254.79	257.14	259.99	261.59	262.43	261.59	259.99	257.14	254.79	252.83	251.01	249.09
G 23.0	253.95	254.65	255.91	257.96	259.78	260.54	259.78	257.96	255.91	254.65	253.95	253.19	252.02
G 24.0	254.03	253.42	253.25	254.51	256.65	257.77	256.65	254.51	253.25	253.42	254.03	254.41	254.06
G 25.0	252.41	251.30	250.40	250.68	252.10	252.78	252.10	250.68	251.30	252.41	253.43	254.05	254.05
G 26.0	250.03	248.92	248.18	248.44	249.13	249.59	249.13	248.44	248.92	250.03	251.65	253.47	253.47
G 27.0	248.26	247.31	247.21	247.56	247.89	247.93	247.89	247.56	247.31	247.21	248.26	250.60	253.67
G 28.0	246.84	245.77	246.35	247.38	248.02	248.31	248.02	247.38	246.35	245.77	246.84	249.83	254.08
G 29.0	247.03	246.26	246.97	247.93	248.75	248.99	248.75	247.93	246.97	246.26	247.03	249.78	254.34
G 30.0	248.04	248.05	249.32	250.47	251.18	251.44	251.18	250.47	249.32	248.05	248.04	249.78	253.98
G 31.0	249.61	250.66	252.41	253.59	254.31	254.46	254.31	253.59	252.41	250.66	249.61	250.09	253.69
G 32.0	251.26	253.42	256.23	258.10	258.83	258.97	258.83	258.10	256.23	253.42	251.26	251.06	254.09
G 33.0	253.93	256.56	259.64	261.63	262.59	262.62	262.59	261.63	259.64	256.56	253.93	253.31	255.91
G 34.0	257.45	259.93	262.99	265.34	266.64	266.87	266.64	265.34	262.99	259.93	257.45	256.76	258.90
G 35.0	261.33	263.81	266.81	268.90	270.18	270.45	270.18	268.90	266.81	263.81	261.33	260.46	262.44
G 36.0	266.13	268.87	271.78	273.58	274.48	274.71	274.48	273.58	271.78	268.87	266.13	264.80	266.03
G 37.0	272.17	276.04	279.41	280.58	280.42	280.02	280.42	280.58	279.41	276.04	272.17	269.67	269.72
G 38.0	279.34	284.72	288.50	289.37	287.92	287.03	287.92	288.50	284.72	279.34	275.38	273.63	
G 39.0	285.82	292.71	297.89	298.89	296.79	295.22	296.79	298.89	292.71	285.82	280.45	277.67	
G 40.0	290.97	299.14	305.53	307.14	304.68	302.87	304.68	307.14	305.53	299.14	290.97	285.09	282.02
G 41.0	295.71	304.79	312.52	314.87	312.61	310.73	312.61	314.87	312.52	304.79	295.71	289.42	286.75
G 42.0	301.11	311.31	320.15	323.50	321.57	320.05	321.57	323.50	320.15	311.31	301.11	294.35	291.94
G 43.0	308.38	319.15	328.88	333.16	332.43	331.36	332.43	333.16	328.88	319.15	308.38	300.94	298.01
G 44.0	316.85	328.15	338.34	343.48	343.73	343.02	343.73	343.48	338.34	328.15	316.85	308.67	304.50
G 45.0	327.34	338.56	348.68	354.30	355.36	355.15	355.36	354.30	348.68	338.56	327.34	318.42	312.55
G 46.0	339.75	351.46	361.67	367.45	368.78	368.69	368.78	367.45	361.67	351.46	339.75	329.49	321.81
G 47.0	354.62	367.14	377.60	383.30	385.04	385.18	385.04	383.30	377.60	367.14	354.62	342.62	333.13
G 48.0	371.53	385.27	395.93	401.55	403.86	404.16	403.86	401.55	395.93	385.27	371.53	357.43	345.86
G 49.0	390.64	405.09	415.12	420.08	422.50	423.06	422.50	420.08	415.12	405.09	390.64	374.43	359.77
G 50.0	410.79	425.00	433.58	437.52	439.63	440.10	439.63	437.52	433.58	425.00	410.79	392.77	374.48
G 51.0	430.73	444.42	451.24	453.72	454.74	455.11	454.74	453.72	451.24	444.42	430.73	411.04	389.25
G 52.0	449.52	462.92	469.05	470.72	470.99	470.94	470.99	470.72	469.05	462.92	449.52	428.76	404.69
G 53.0	468.45	481.66	487.67	489.34	489.53	489.45	489.53	489.34	487.67	481.66	468.45	446.99	421.23
G 54.0	487.22	500.62	507.82	510.23	510.90	510.48	510.90	510.23	507.82	500.62	487.22	465.77	439.34
G 55.0	505.22	518.80	526.95	530.35	531.74	531.54	531.74	530.35	526.95	518.80	505.22	483.98	457.43
G 56.0	521.39	535.27	544.16	548.50	550.47	550.53	550.47	548.50	544.16	535.27	521.39	500.68	474.56
G 57.0	535.95	549.69	558.24	562.53	564.43	564.77	564.43	562.53	558.24	549.69	535.95	515.95	490.31
G 58.0	548.92	561.63	568.84	572.06	572.90	572.98	572.90	572.06	568.84	561.63	548.92	530.05	505.10
G 59.0	559.01	569.80	574.64	575.34	574.12	573.59	574.12	575.34	574.64	569.80	559.01	541.84	518.53
G 60.0	564.12	571.65	573.29	571.25	567.89	566.63	567.89	571.25	573.29	571.65	564.12	549.82	528.95
G 61.0	562.71	565.95	563.62	558.39	552.69	550.60	552.69	558.39	563.62	565.95	562.71	552.52	535.14
G 62.0	554.47	552.53	545.49	536.45	528.35	525.16	528.35	536.45	545.49	552.53	554.47	549.27	536.16
G 63.0	539.75	531.84	519.32	505.81	494.88	490.57	494.88	505.81	519.32	531.84	539.75	540.08	532.33
G 64.0	519.03	504.48	485.96	467.95	454.48	449.23	454.48	467.95	485.96	504.48	51		

Luminaire

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%	
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical			
Luminous Intensity Table cd/klm Table 3/18															
	C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00		
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	169.03	168.37	167.71	169.29	171.40	171.45	171.43	173.37	174.86	173.34	170.85	169.84	168.80	169.84	168.80
G 2.0	173.01	178.96	177.94	175.89	172.71	172.42	174.28	174.65	175.61	174.82	173.88	173.81	172.24	173.81	172.24
G 3.0	176.92	175.59	178.20	181.97	181.22	177.89	174.44	173.69	174.16	175.32	174.30	173.45	171.72	173.45	171.72
G 4.0	181.50	179.42	178.47	179.12	181.13	180.80	178.93	176.43	175.90	175.00	174.41	172.68	170.70	172.68	170.70
G 5.0	183.11	181.55	179.39	178.68	179.79	180.91	179.59	178.27	176.28	174.56	172.42	171.01	169.09	171.01	169.09
G 6.0	182.52	180.57	179.00	178.81	179.53	179.89	178.35	176.03	173.49	170.76	169.65	168.06	167.08	167.08	167.08
G 7.0	182.19	180.47	179.19	178.80	178.96	178.61	177.39	175.17	172.93	170.35	168.63	167.26	165.40	165.40	165.40
G 8.0	181.12	180.35	179.88	179.65	178.78	177.83	176.94	176.18	175.13	172.95	170.63	168.42	166.07	166.07	166.07
G 9.0	180.90	180.69	180.82	180.30	179.06	178.39	178.48	179.39	179.52	177.94	174.45	171.01	167.97	167.97	167.97
G 10.0	183.47	182.70	182.45	181.52	180.49	180.30	180.91	182.18	183.04	181.59	178.11	173.80	169.47	169.47	169.47
G 11.0	188.04	186.06	184.14	182.78	181.95	182.42	183.53	185.19	185.10	182.95	179.27	174.84	170.09	170.09	170.09
G 12.0	193.00	189.55	186.68	184.71	183.88	184.78	186.57	188.06	187.80	185.17	181.57	176.49	170.99	170.99	170.99
G 13.0	197.69	193.31	189.70	187.28	186.03	186.58	188.48	189.79	189.34	186.49	182.75	177.52	171.43	171.43	171.43
G 14.0	202.77	197.54	193.24	190.14	188.15	187.79	189.04	190.35	190.84	189.27	185.85	180.09	172.99	172.99	172.99
G 15.0	208.46	202.21	197.02	193.06	190.28	188.56	188.80	190.07	191.19	190.29	187.29	181.79	174.28	174.28	174.28
G 16.0	214.09	206.78	200.50	195.67	192.19	190.06	189.69	190.72	191.86	191.62	189.20	183.79	176.18	176.18	176.18
G 17.0	220.19	212.63	205.52	199.24	194.41	191.42	190.43	191.14	192.35	192.35	190.02	185.18	177.80	177.80	177.80
G 18.0	226.66	219.02	211.20	203.49	196.85	192.41	190.99	191.95	193.48	193.41	191.10	186.58	179.61	179.61	179.61
G 19.0	233.07	226.28	218.16	208.90	200.18	194.04	191.89	193.01	195.04	195.14	192.43	187.77	180.98	180.98	180.98
G 20.0	238.47	232.46	224.17	214.15	204.44	197.30	194.29	195.04	196.80	197.06	194.84	190.38	183.22	183.22	183.22
G 21.0	242.70	237.93	229.97	219.71	209.53	202.02	198.13	197.65	198.72	199.23	197.41	192.56	184.48	184.48	184.48
G 22.0	246.78	242.57	235.16	225.43	215.65	207.94	203.04	201.12	201.06	201.17	199.63	194.87	185.84	185.84	185.84
G 23.0	250.19	246.51	240.16	231.46	222.14	214.01	208.36	205.54	204.80	204.25	202.07	196.36	186.18	186.18	186.18
G 24.0	252.86	249.99	244.93	237.60	228.92	220.34	213.64	209.74	208.39	207.58	204.94	198.17	186.63	186.63	186.63
G 25.0	254.25	252.87	249.45	243.69	235.51	226.14	218.14	213.56	212.18	211.21	207.66	199.50	186.87	186.87	186.87
G 26.0	255.22	255.71	253.94	249.49	241.97	232.52	223.63	217.79	215.49	214.24	210.09	200.91	186.93	186.93	186.93
G 27.0	256.69	258.50	258.32	255.33	248.87	239.61	229.98	223.40	220.39	218.21	212.68	202.24	187.11	187.11	187.11
G 28.0	257.96	260.92	262.16	260.87	255.73	247.00	236.82	228.88	224.35	221.26	215.38	204.21	187.72	187.72	187.72
G 29.0	259.04	263.27	266.17	266.77	263.07	254.54	243.53	234.55	229.26	225.19	218.22	206.01	188.53	188.53	188.53
G 30.0	259.44	265.64	270.87	273.35	270.58	262.02	250.42	240.32	233.60	228.26	220.61	207.79	189.45	189.45	189.45
G 31.0	259.88	267.90	275.41	279.61	278.00	269.68	257.67	246.30	238.34	231.79	222.96	209.02	189.62	189.62	189.62
G 32.0	260.43	269.34	278.67	284.97	284.91	277.14	264.69	252.21	242.55	234.51	224.45	209.63	189.33	189.33	189.33
G 33.0	261.82	270.67	280.91	289.08	290.92	284.26	271.60	257.80	246.52	237.41	226.64	210.95	189.37	189.37	189.37
G 34.0	264.31	272.87	283.50	292.90	296.33	290.73	277.95	263.31	251.09	241.20	229.65	212.67	189.57	189.57	189.57
G 35.0	267.32	275.47	286.36	296.73	301.42	296.69	284.00	268.74	255.93	245.65	233.51	215.04	189.87	189.87	189.87
G 36.0	270.12	277.95	289.34	300.86	306.87	302.74	289.88	274.32	261.36	250.84	237.56	217.45	190.30	190.30	190.30
G 37.0	272.84	280.28	292.30	305.51	312.97	309.80	297.09	281.29	267.32	255.74	241.21	219.95	191.14	191.14	191.14
G 38.0	275.48	282.75	295.89	310.90	319.84	317.48	304.55	287.79	272.41	259.74	244.33	221.84	191.41	191.41	191.41
G 39.0	279.02	286.48	300.48	316.54	326.39	324.49	311.25	293.42	276.57	262.62	246.06	222.10	190.39	190.39	190.39
G 40.0	283.12	290.33	304.69	321.37	331.87	330.00	316.10	297.25	279.71	264.95	247.49	221.91	188.97	188.97	188.97
G 41.0	288.25	295.55	309.69	326.32	337.00	334.97	320.82	301.54	283.65	267.85	248.81	221.73	187.74	187.74	187.74
G 42.0	293.62	300.85	314.63	331.41	342.48	340.87	326.69	306.78	287.99	270.89	250.49	222.03	186.80	186.80	186.80
G 43.0	299.14	306.19	319.92	337.14	348.93	348.10	333.82	312.96	292.54	273.99	252.11	222.27	185.39	185.39	185.39
G 44.0	304.38	310.47	324.03	342.11	355.38	356.03	341.98	319.68	296.94	276.36	252.89	221.51	183.38	183.38	183.38
G 45.0	310.19	314.57	327.52	346.38	361.59	363.75	349.84	326.05	301.40	278.82	253.52	220.47	181.23	181.23	181.23
G 46.0	317.50	319.94	331.78	350.72	367.28	370.65	357.04	332.22	305.44	280.32	252.76	218.49	178.81	178.81	178.81
G 47.0	326.94	327.48	337.69	355.88	372.76	376.84	363.16	337.23	308.54	281.19	251.81	216.37	176.12	176.12	176.12
G 48.0	338.02	336.51	345.00	362.28	379.08	382.96	368.34	340.77	310.00	280.92	250.28	214.04	173.29	173.29	173.29
G 49.0	349.06	345.28	352.59	369.53	386.37	389.87	373.89	344.09	311.36	280.80	249.08	211.80	170.69	170.69	170.69
G 50.0	360.16	353.97	360.28	377.05	393.80	396.46	378.92	347.27	312.79	280.83	247.96	209.96	168.42	168.42	168.42
G 51.0	371.08	362.71	367.95	384.28	400.18	402.24	383.87	351.09	314.88	281.15	246.90	208.06	166.14	166.14	166.14
G 52.0	383.62	373.06	376.29	390.84	405.33	406.54	387.77	354.04	316.18	280.46	244.84	205.33	163.18	163.18	163.18
G 53.0	397.75	384.60	385.34	397.56	410.66	411.33	392.15	357.04	316.97	279.00	241.77	201.51	159.47	159.47	159.47
G 54.0	413.92	397.83	395.43	405.15	417.10	417.43	397.25	359.97	316.98	276.52	237.86	197.10	155.29	155.29	155.29
G 55.0	430.55	411.67	406.26	413.74	424.46	424.13	402.49	362.89	317.12	274.41	234.35	193.01	151.34	151.34	151.34
G 56.0	446.95	425.95	417.57	422.75	432.02	430.77	407.57	365.51	317.05	272.21	230.95	189.16	147.7		

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%	
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical			
Luminous Intensity Table cd/klm														Table 4/18	
		C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00	
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	166.17	163.85	163.66	164.44	164.73	164.53	164.18	163.87	163.62	163.06	161.73	160.62	160.57	160.57	160.57
G 2.0	171.95	170.00	166.77	164.35	161.95	160.56	160.30	160.23	160.01	159.52	158.85	158.50	158.49	158.49	158.49
G 3.0	169.09	167.46	164.76	162.25	159.66	157.77	157.00	156.99	156.90	156.14	154.85	153.58	152.66	152.66	152.66
G 4.0	167.98	165.44	163.28	160.49	157.28	154.93	153.70	153.52	153.16	152.14	151.06	149.46	147.69	147.69	147.69
G 5.0	166.37	163.95	161.78	159.45	155.95	152.49	149.99	148.99	149.43	149.14	147.51	145.21	142.11	142.11	142.11
G 6.0	165.00	162.41	159.75	156.45	152.21	147.99	144.88	143.33	143.10	141.94	140.66	138.45	135.73	135.73	135.73
G 7.0	162.65	159.62	156.88	152.98	148.05	143.16	139.08	136.42	134.90	133.39	132.26	130.44	128.02	128.02	128.02
G 8.0	163.14	159.20	154.94	150.07	144.59	139.05	133.84	129.69	126.70	124.48	123.04	121.60	120.04	120.04	120.04
G 9.0	164.47	159.85	154.36	148.13	141.82	135.29	129.47	124.28	120.35	117.82	115.96	114.41	113.03	113.03	113.03
G 10.0	165.18	159.76	153.75	146.50	139.38	132.15	125.67	119.97	115.83	113.12	111.29	110.11	109.01	109.01	109.01
G 11.0	164.92	158.69	151.76	143.75	135.91	128.51	121.92	116.70	112.92	110.37	108.83	107.74	106.79	106.79	106.79
G 12.0	164.91	157.36	149.11	140.43	132.53	125.53	119.22	114.25	110.78	108.54	107.49	107.11	106.77	106.77	106.77
G 13.0	164.50	156.41	147.42	138.39	130.16	122.96	116.71	112.05	108.97	107.14	106.50	106.47	106.72	106.72	106.72
G 14.0	164.90	156.39	147.39	138.01	129.08	121.27	115.04	110.51	107.57	106.22	105.90	106.09	106.63	106.63	106.63
G 15.0	165.35	156.33	147.23	137.54	128.14	119.93	113.80	109.60	106.73	105.35	105.07	105.49	106.33	106.33	106.33
G 16.0	166.90	157.11	147.16	136.68	126.86	118.82	113.16	109.39	106.62	105.12	104.68	104.97	105.46	105.46	105.46
G 17.0	168.45	157.57	146.29	135.26	125.39	117.69	112.34	108.79	106.29	104.70	104.06	104.08	104.33	104.33	104.33
G 18.0	170.10	158.44	146.06	134.34	124.36	117.04	112.07	108.62	106.27	104.77	104.17	103.98	103.91	103.91	103.91
G 19.0	171.41	159.14	145.86	133.60	123.63	116.50	111.48	108.08	105.95	104.51	103.99	103.84	104.31	104.31	104.31
G 20.0	172.70	159.45	145.37	132.81	122.96	115.89	111.00	107.73	105.73	104.67	104.42	104.85	105.73	105.73	105.73
G 21.0	172.91	158.95	144.57	132.06	122.07	114.80	109.82	106.72	105.23	104.81	105.23	106.21	107.52	107.52	107.52
G 22.0	172.85	157.85	143.35	130.82	120.71	113.18	108.27	105.55	104.50	104.81	106.02	107.84	109.70	109.70	109.70
G 23.0	172.17	156.53	141.76	129.00	118.87	111.38	106.72	104.31	103.97	105.08	107.22	109.49	111.42	111.42	111.42
G 24.0	171.58	155.28	139.85	126.64	116.64	109.71	105.69	104.00	104.14	105.74	108.23	110.69	112.66	112.66	112.66
G 25.0	171.07	154.01	137.74	124.10	114.35	108.20	105.00	103.89	104.64	106.88	109.54	111.75	113.16	113.16	113.16
G 26.0	170.02	152.22	135.54	122.00	112.67	107.31	104.77	104.27	105.55	108.02	110.77	112.90	114.39	114.39	114.39
G 27.0	169.25	150.49	133.58	120.32	111.63	106.83	104.67	104.56	106.21	109.00	111.85	114.00	115.40	115.40	115.40
G 28.0	168.22	148.49	131.60	119.21	111.22	106.58	104.63	105.01	107.12	109.72	112.37	114.50	116.24	116.24	116.24
G 29.0	167.79	147.05	130.12	118.15	110.36	105.73	103.98	104.83	107.23	109.98	112.51	114.49	116.06	116.06	116.06
G 30.0	167.39	145.71	128.17	116.10	108.50	104.10	102.73	103.89	106.68	109.42	111.81	113.73	115.29	115.29	115.29
G 31.0	166.79	144.34	126.20	113.74	106.20	102.16	101.09	102.46	105.25	108.26	110.72	112.62	113.97	113.97	113.97
G 32.0	165.84	142.99	124.36	111.52	103.92	100.31	99.66	101.07	103.63	106.35	108.70	110.62	112.16	112.16	112.16
G 33.0	164.81	141.29	122.51	109.88	102.57	99.24	98.72	100.13	102.50	104.96	107.05	108.71	110.32	110.32	110.32
G 34.0	163.56	139.40	120.55	108.02	100.94	98.14	98.19	99.77	101.96	103.91	105.57	106.90	108.39	108.39	108.39
G 35.0	162.22	137.14	117.96	105.43	98.83	96.62	97.13	99.11	101.34	103.20	104.40	105.25	106.25	106.25	106.25
G 36.0	161.05	134.94	115.46	102.96	96.46	94.39	95.31	97.73	100.27	102.24	103.37	103.97	104.21	104.21	104.21
G 37.0	160.34	133.11	113.18	100.60	94.22	92.36	93.46	95.99	98.67	100.81	101.89	102.31	102.10	102.10	102.10
G 38.0	159.11	131.00	110.92	98.61	92.69	91.08	92.26	94.62	97.16	99.99	100.01	100.32	99.86	99.86	99.86
G 39.0	157.09	128.65	108.52	96.43	90.90	89.81	91.16	93.32	95.24	96.64	97.33	97.35	96.75	96.75	96.75
G 40.0	154.74	126.06	105.95	94.26	89.14	88.41	89.80	91.77	93.20	94.12	94.50	94.28	93.46	93.46	93.46
G 41.0	152.91	123.92	103.82	92.42	87.54	86.85	88.07	89.71	90.75	91.39	91.46	90.99	89.83	89.83	89.83
G 42.0	151.10	121.71	101.78	90.63	85.83	85.08	86.06	87.43	88.30	88.72	88.49	87.72	86.44	86.44	86.44
G 43.0	148.71	119.13	99.50	88.64	83.89	83.01	83.82	85.03	85.79	85.96	85.46	84.47	83.12	83.12	83.12
G 44.0	146.06	116.45	96.94	86.12	81.37	80.51	81.43	82.62	83.27	83.35	82.77	81.56	79.97	79.97	79.97
G 45.0	143.47	113.75	94.33	83.58	79.00	78.15	78.96	79.90	80.40	80.37	79.64	78.23	76.43	76.43	76.43
G 46.0	141.02	111.26	91.95	81.44	77.04	76.02	76.38	76.96	77.23	77.16	76.22	74.71	72.81	72.81	72.81
G 47.0	138.14	108.42	89.42	79.17	74.87	73.67	73.70	74.07	74.23	73.85	72.63	70.99	69.29	69.29	69.29
G 48.0	135.21	105.87	87.17	77.24	72.92	71.56	71.29	71.46	71.47	70.95	69.60	67.88	66.15	66.15	66.15
G 49.0	132.72	103.73	85.22	75.26	70.76	69.22	68.97	69.12	69.11	68.38	66.99	65.13	63.27	63.27	63.27
G 50.0	130.38	101.49	83.13	73.23	68.81	67.32	67.08	67.13	66.98	66.17	64.65	62.58	60.43	60.43	60.43
G 51.0	127.94	99.12	81.00	71.27	66.95	65.38	65.15	65.14	64.81	63.63	61.93	59.91	57.94	57.94	57.94
G 52.0	125.12	96.61	78.86	69.27	65.03	63.55	63.29	63.15	62.69	61.46	59.72	57.58	55.55	55.55	55.55
G 53.0	121.83	93.98	76.66	67.55	63.38	61.93	61.49	61.24	60.65	59.43	57.83	55.91	53.95	53.95	53.95
G 54.0	118.14	90.88	74.09	65.37	61.37	59.90	59.50	59.32	58.96	58.03	56.58	54.50	52.13	52.13	52.13
G 55.0	114.63	87.79	71.36	62.96	59.30	57.97	57.73	57.79	57.57	56.70	55.21	53.08	50.55	50.55	50.55
G 56.0	111.47	84.99	68.84	60.66	57.21	56.02	55.92	56.14	56.06	55.21	53.61	51.28	48.66	48.66	48.66
G 57.0	108.20	82.47	66.68	58.42	55.03	54.12	54.36	54.89	54.71	53.60	51.66	49.29	46.80	46.80	46.80
G 58.0	104.38	79.54	64.27	56.15	52.71	51.97	52.44	53.14	52.96	51.73	49.67	47.17	44.71	44.71	44.71
G 59.0	99.99	76.15	61.63	53.79	50.29	49.51	50.14	51.09	51.07	49.87	47.63	45.03	42.62	42.62	42.62

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%		
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical				
Luminous Intensity Table cd/klm														Table 5/18		
		C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00		
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	160.72	160.11	158.97	160.11	160.72	160.57	160.62	161.73	163.06	163.62	163.87	164.18	164.53	164.53	164.53	164.53
G 2.0	158.23	158.26	158.83	158.26	158.23	158.49	158.50	158.85	159.52	160.01	160.23	160.30	160.56	160.56	160.56	160.56
G 3.0	152.30	152.38	152.60	152.38	152.30	152.66	153.58	154.85	156.14	156.90	156.99	157.00	157.77	157.77	157.77	157.77
G 4.0	145.80	144.18	143.33	144.18	145.80	147.69	149.46	151.06	152.14	153.16	153.52	153.70	154.93	154.93	154.93	154.93
G 5.0	139.26	137.72	136.76	137.72	139.26	142.11	145.21	147.51	149.14	149.43	148.99	149.99	152.49	152.49	152.49	152.49
G 6.0	133.28	131.15	130.09	131.15	133.28	135.73	138.45	140.66	141.94	143.10	143.33	144.88	147.99	147.99	147.99	147.99
G 7.0	126.29	125.33	124.74	125.33	126.29	128.02	130.44	132.26	133.39	134.90	136.42	139.08	143.16	143.16	143.16	143.16
G 8.0	119.03	118.35	118.19	118.35	119.03	120.04	121.60	123.04	124.48	126.70	129.69	133.84	139.05	139.05	139.05	139.05
G 9.0	111.88	111.52	111.52	111.52	111.88	113.03	114.41	115.96	117.82	120.35	124.28	129.47	135.29	135.29	135.29	135.29
G 10.0	107.94	107.15	106.69	107.15	107.94	109.01	110.11	111.29	113.12	115.83	119.97	125.67	132.15	132.15	132.15	132.15
G 11.0	106.03	105.39	105.24	105.39	106.03	106.79	107.74	108.83	110.37	112.92	116.70	121.92	128.51	128.51	128.51	128.51
G 12.0	106.37	105.80	105.44	105.80	106.37	106.77	107.11	107.49	108.54	110.78	114.25	119.22	125.53	125.53	125.53	125.53
G 13.0	106.79	106.54	106.46	106.54	106.79	106.72	106.47	106.50	107.14	108.97	112.05	116.71	122.96	122.96	122.96	122.96
G 14.0	106.84	106.89	106.79	106.89	106.84	106.63	106.09	105.90	106.22	107.57	110.51	115.04	121.27	121.27	121.27	121.27
G 15.0	106.86	106.92	106.98	106.92	106.86	106.33	105.49	105.07	105.35	106.73	109.60	113.80	119.93	119.93	119.93	119.93
G 16.0	105.68	105.70	105.57	105.70	105.68	105.46	104.97	104.68	105.12	106.62	109.39	113.16	118.82	118.82	118.82	118.82
G 17.0	104.45	104.58	104.52	104.58	104.45	104.33	104.08	104.06	104.70	106.29	108.79	112.34	117.69	117.69	117.69	117.69
G 18.0	103.73	103.83	103.64	103.83	103.73	103.91	103.98	104.17	104.77	106.27	108.62	112.07	117.04	117.04	117.04	117.04
G 19.0	104.71	105.01	105.00	105.01	104.71	104.31	103.84	103.99	104.51	105.95	108.08	111.48	116.50	116.50	116.50	116.50
G 20.0	106.70	107.32	107.52	107.32	106.70	105.73	104.85	104.42	104.67	105.73	107.73	111.00	115.89	115.89	115.89	115.89
G 21.0	109.17	110.40	111.04	110.40	109.17	107.52	106.21	105.23	104.81	105.23	106.72	109.82	114.80	114.80	114.80	114.80
G 22.0	111.34	112.61	113.06	112.61	111.34	109.70	107.84	106.02	104.81	104.50	105.55	108.27	113.18	113.18	113.18	113.18
G 23.0	112.99	114.07	114.58	114.07	112.99	111.42	109.49	107.22	105.08	103.97	104.31	106.72	111.38	111.38	111.38	111.38
G 24.0	113.68	114.32	114.43	114.32	113.68	112.66	110.69	108.23	105.74	104.14	104.00	105.69	109.71	109.71	109.71	109.71
G 25.0	114.16	114.89	115.10	114.89	114.16	113.16	111.75	109.54	106.88	104.64	103.89	105.00	108.20	108.20	108.20	108.20
G 26.0	115.36	116.10	116.33	116.10	115.36	114.39	112.90	110.77	108.02	105.55	104.27	104.77	107.31	107.31	107.31	107.31
G 27.0	116.37	117.15	117.40	117.15	116.37	115.40	114.00	111.85	109.00	106.21	104.56	104.67	106.83	106.83	106.83	106.83
G 28.0	117.36	118.01	118.29	118.01	117.36	116.24	114.50	112.37	109.72	107.12	105.01	104.63	106.58	106.58	106.58	106.58
G 29.0	117.04	117.44	117.58	117.44	117.04	116.06	114.49	112.51	109.98	107.23	104.83	103.98	105.73	105.73	105.73	105.73
G 30.0	116.41	116.64	116.82	116.64	116.41	115.29	113.73	111.81	109.42	106.68	103.89	102.73	104.10	104.10	104.10	104.10
G 31.0	114.87	115.04	115.16	115.04	114.87	113.97	112.62	110.72	108.26	105.25	102.46	101.09	102.16	102.16	102.16	102.16
G 32.0	113.36	114.06	114.26	114.06	113.36	112.16	110.62	108.70	106.35	103.63	101.07	99.66	100.31	100.31	100.31	100.31
G 33.0	111.67	112.82	113.11	112.82	111.67	110.32	108.71	107.05	104.96	102.50	100.13	98.72	99.24	99.24	99.24	99.24
G 34.0	109.94	111.30	111.79	111.30	109.94	108.39	106.90	105.57	103.91	101.96	99.77	98.19	98.14	98.14	98.14	98.14
G 35.0	107.27	108.23	108.57	108.23	107.27	106.25	105.25	104.40	103.20	101.34	99.11	97.13	96.62	96.62	96.62	96.62
G 36.0	104.45	104.65	104.77	104.65	104.45	104.21	103.97	103.37	102.24	100.27	97.73	95.31	94.39	94.39	94.39	94.39
G 37.0	101.69	101.13	100.90	101.13	101.69	102.10	102.31	101.89	100.81	98.67	95.99	93.46	92.36	92.36	92.36	92.36
G 38.0	99.06	98.00	97.68	98.00	99.06	99.86	100.32	100.01	98.99	97.16	94.62	92.26	91.08	91.08	91.08	91.08
G 39.0	95.85	94.87	94.53	94.87	95.85	96.75	97.35	97.33	96.64	95.24	93.32	91.16	89.81	89.81	89.81	89.81
G 40.0	92.27	91.28	90.92	91.28	92.27	93.46	94.28	94.50	94.12	93.20	91.77	89.80	88.41	88.41	88.41	88.41
G 41.0	88.49	87.53	87.17	87.53	88.49	89.83	90.99	91.46	91.39	90.75	89.71	88.07	86.85	86.85	86.85	86.85
G 42.0	85.04	83.88	83.46	83.88	85.04	86.44	87.72	88.49	88.72	88.30	87.43	86.06	85.08	85.08	85.08	85.08
G 43.0	81.63	80.32	79.78	80.32	81.63	83.12	84.47	85.46	85.96	85.79	85.03	83.82	83.01	83.01	83.01	83.01
G 44.0	78.41	77.23	76.81	77.23	78.41	79.97	81.56	82.77	83.35	83.27	82.62	81.43	80.51	80.51	80.51	80.51
G 45.0	74.87	73.94	73.59	73.94	74.87	76.43	78.23	79.64	80.37	80.40	79.90	78.96	78.15	78.15	78.15	78.15
G 46.0	71.49	70.76	70.63	70.76	71.49	72.81	74.71	76.22	77.16	77.23	76.96	76.38	76.02	76.02	76.02	76.02
G 47.0	67.99	67.10	66.84	67.10	67.99	69.29	70.99	72.63	73.85	74.23	74.07	73.70	73.67	73.67	73.67	73.67
G 48.0	64.77	63.61	63.28	63.61	64.77	66.15	67.88	69.60	70.95	71.47	71.46	71.29	71.56	71.56	71.56	71.56
G 49.0	61.60	60.44	60.04	60.44	61.60	63.27	65.13	66.99	68.38	69.11	69.12	68.97	69.22	69.22	69.22	69.22
G 50.0	58.73	57.55	57.29	57.55	58.73	60.43	62.58	64.65	66.17	66.98	67.13	67.08	67.32	67.32	67.32	67.32
G 51.0	56.18	55.04	54.64	55.04	56.18	57.94	59.91	61.93	63.63	64.81	65.14	65.15	65.38	65.38	65.38	65.38
G 52.0	53.79	52.60	52.19	52.60	53.79	55.55	57.58	59.72	61.46	62.69	63.15	63.29	63.55	63.55	63.55	63.55
G 53.0	51.94	50.61	49.99	50.61	51.94	53.95	55.91	57.83	59.43	60.65	61.24	61.49	61.93	61.93	61.93	61.93
G 54.0	49.95	48.47	47.94	48.47	49.95	52.13	54.50	56.58	58.03	58.96	59.32	59.50	59.90	59.90	59.90	59.90
G 55.0	48.04	46.32	45.69	46.32	48.04	50.55	53.08	55.21	56.70	57.57	57.79	57.73	57.97	57.97	57.97	57.97
G 56.0	46.16	44.50	43.92	44.50	46.16	48.66	51.28	53.61	55.21	56.06	56.14	55.92	56.02	56.02	56.02	56.02
G																

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurem.

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux	8133 lm	Luminaire Power	50.5 W	Efficacy	161.050 lm/W	Efficiency	100.00%
Source Flux	8133 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG Asymmetrical	

Luminous Intensity Table cd/klm Table 6/18

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 0.0	158.64	158.64	158.64	158.64	158.64	158.64	158.64
G 1.0	164.73	164.44	163.66	163.85	166.17	168.80	169.84
G 2.0	161.95	164.35	166.77	170.00	171.95	172.24	173.81
G 3.0	159.66	162.25	164.76	167.46	169.09	171.72	173.45
G 4.0	157.28	160.49	163.28	165.44	167.98	170.70	172.68
G 5.0	155.95	159.45	161.78	163.95	166.37	169.09	171.01
G 6.0	152.21	156.45	159.75	162.41	165.00	167.08	168.06
G 7.0	148.05	152.98	156.88	159.62	162.65	165.40	167.26
G 8.0	144.59	150.07	154.94	159.20	163.14	166.07	168.42
G 9.0	141.82	148.13	154.36	159.85	164.47	167.97	171.01
G 10.0	139.38	146.50	153.75	159.76	165.18	169.47	173.80
G 11.0	135.91	143.75	151.76	158.69	164.92	170.09	174.84
G 12.0	132.53	140.43	149.11	157.36	164.91	170.99	176.49
G 13.0	130.16	138.39	147.42	156.41	164.50	171.43	177.52
G 14.0	129.08	138.01	147.39	156.39	164.90	172.99	180.09
G 15.0	128.14	137.54	147.23	156.33	165.35	174.28	181.79
G 16.0	126.86	136.68	147.16	157.11	166.90	176.18	183.79
G 17.0	125.39	135.26	146.29	157.57	168.45	177.80	185.18
G 18.0	124.36	134.34	146.06	158.44	170.10	179.61	186.58
G 19.0	123.63	133.60	145.86	159.14	171.41	180.98	187.77
G 20.0	122.96	132.81	145.37	159.45	172.70	183.22	190.38
G 21.0	122.07	132.06	144.57	158.95	172.91	184.48	192.56
G 22.0	120.71	130.82	143.35	157.85	172.85	185.84	194.87
G 23.0	118.87	129.00	141.76	156.53	172.17	186.18	196.36
G 24.0	116.64	126.64	139.85	155.28	171.58	186.63	198.17
G 25.0	114.35	124.10	137.74	154.01	171.07	186.87	199.50
G 26.0	112.67	122.00	135.54	152.22	170.02	186.93	200.91
G 27.0	111.63	120.32	133.58	150.49	169.25	187.11	202.24
G 28.0	111.22	119.21	131.60	148.49	168.22	187.72	204.21
G 29.0	110.36	118.15	130.12	147.05	167.79	188.53	206.01
G 30.0	108.50	116.10	128.17	145.71	167.39	189.45	207.79
G 31.0	106.20	113.74	126.20	144.34	166.79	189.62	209.02
G 32.0	103.92	111.52	124.36	142.99	165.84	189.33	209.63
G 33.0	102.57	109.88	122.51	141.29	164.81	189.37	210.95
G 34.0	100.94	108.02	120.55	139.40	163.56	189.57	212.67
G 35.0	98.83	105.43	117.96	137.14	162.22	189.87	215.04
G 36.0	96.46	102.96	115.46	134.94	161.05	190.30	217.45
G 37.0	94.22	100.60	113.18	133.11	160.34	191.14	219.95
G 38.0	92.69	98.61	110.92	131.00	159.11	191.41	221.84
G 39.0	90.90	96.43	108.52	128.65	157.09	190.39	222.10
G 40.0	89.14	94.26	105.95	126.06	154.74	188.97	221.91
G 41.0	87.54	92.42	103.82	123.92	152.91	187.74	221.73
G 42.0	85.83	90.63	101.78	121.71	151.10	186.80	222.03
G 43.0	83.89	88.64	99.50	119.13	148.71	185.39	222.27
G 44.0	81.37	86.12	96.94	116.45	146.06	183.38	221.51
G 45.0	79.00	83.58	94.33	113.75	143.47	181.23	220.47
G 46.0	77.04	81.44	91.95	111.26	141.02	178.81	218.49
G 47.0	74.87	79.17	89.42	108.42	138.14	176.12	216.37
G 48.0	72.92	77.24	87.17	105.87	135.21	173.29	214.04
G 49.0	70.76	75.26	85.22	103.73	132.72	170.69	211.80
G 50.0	68.81	73.23	83.13	101.49	130.38	168.42	209.96
G 51.0	66.95	71.27	81.00	99.12	127.94	166.14	208.06
G 52.0	65.03	69.27	78.86	96.61	125.12	163.18	205.33
G 53.0	63.38	67.55	76.66	93.98	121.83	159.47	201.51
G 54.0	61.37	65.37	74.09	90.88	118.14	155.29	197.10
G 55.0	59.30	62.96	71.36	87.79	114.63	151.34	193.01
G 56.0	57.21	60.66	68.84	84.99	111.47	147.72	189.16
G 57.0	55.03	58.42	66.68	82.47	108.20	143.76	185.21
G 58.0	52.71	56.15	64.27	79.54	104.38	139.00	180.25
G 59.0	50.29	53.79	61.63	76.15	99.99	133.79	174.93
G 60.0	48.06	51.42	58.82	72.65	95.63	128.48	169.03
G 61.0	45.81	48.98	55.87	68.97	90.83	122.69	162.40
G 62.0	43.35	46.24	52.76	64.98	85.63	116.23	155.20
G 63.0	40.51	43.11	49.15	60.52	79.92	109.15	147.09
G 64.0	37.43	39.70	45.20	55.66	73.69	101.39	138.30
G 65.0	34.27	36.24	41.14	50.56	67.04	92.99	128.33
G 66.0	31.21	32.91	37.10	45.23	59.77	83.60	117.51
G 67.0	28.51	29.91	33.39	40.08	52.56	74.20	106.44
G 68.0	26.06	27.28	30.08	35.40	45.78	65.13	95.46
G 69.0	24.05	25.07	27.19	31.33	39.94	57.03	85.02
G 70.0	22.08	22.98	24.70	27.99	35.11	49.90	75.01
G 71.0	20.27	21.02	22.47	25.23	31.12	43.47	65.07
G 72.0	18.48	19.13	20.45	22.82	27.52	37.41	54.90

Luminaire

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Luminaire Flux	8133 lm	Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%	
Source Flux	8133 lm	Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical			
Luminous Intensity Table cd/klm Table 7/18													
	C 0.00	C 5.00	C 10.00	C 15.00	C 20.00	C 25.00	C 30.00	C 35.00	C 40.00	C 45.00	C 50.00	C 55.00	C 60.00
G 73.0	65.52	97.56	146.40	214.57	292.75	359.14	393.66	390.58	358.58	311.35	260.60	214.62	176.09
G 74.0	48.75	72.48	111.55	170.66	243.07	307.61	342.00	337.72	303.56	255.40	207.27	167.55	137.43
G 75.0	33.48	48.83	76.93	123.81	186.07	245.37	279.19	276.05	243.74	199.11	157.54	126.18	104.55
G 76.0	21.81	29.86	47.20	80.08	128.30	178.17	209.66	210.05	184.05	147.42	115.05	92.87	78.71
G 77.0	14.37	17.43	26.25	45.86	78.30	115.47	142.19	146.70	130.15	104.63	82.47	68.26	59.67
G 78.0	10.25	10.67	13.99	23.80	42.52	66.88	87.17	94.52	87.13	72.56	59.57	51.52	46.71
G 79.0	8.14	7.66	8.41	12.38	21.63	35.72	49.64	57.66	56.81	50.64	44.34	40.29	37.72
G 80.0	6.60	5.98	5.95	7.44	11.69	19.24	28.24	35.40	37.83	36.47	34.09	32.37	31.04
G 81.0	5.66	5.11	4.91	5.39	7.37	11.50	17.33	23.08	26.48	27.29	26.76	26.18	25.47
G 82.0	4.82	4.32	4.06	4.27	5.36	7.80	11.73	16.14	19.40	20.81	21.02	20.93	20.55
G 83.0	4.17	3.78	3.54	3.65	4.30	5.85	8.43	11.60	14.27	15.78	16.38	16.60	16.47
G 84.0	3.58	3.30	3.11	3.17	3.56	4.55	6.25	8.49	10.48	11.84	12.64	13.15	13.24
G 85.0	2.85	2.69	2.64	2.69	2.93	3.60	4.71	6.26	7.76	8.92	9.76	10.37	10.64
G 86.0	2.13	2.07	2.08	2.16	2.35	2.79	3.56	4.62	5.73	6.69	7.47	8.08	8.42
G 87.0	1.36	1.38	1.43	1.57	1.70	1.97	2.47	3.23	4.09	4.88	5.54	6.05	6.34
G 88.0	0.93	0.91	0.92	1.00	1.13	1.33	1.62	2.09	2.64	3.20	3.69	4.11	4.37
G 89.0	0.58	0.57	0.55	0.54	0.65	0.81	1.02	1.29	1.63	1.99	2.29	2.50	2.61
G 90.0	0.00	0.05	0.09	0.11	0.17	0.25	0.37	0.53	0.74	0.94	1.10	1.19	1.23
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

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%	
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical	
Luminous Intensity Table cd/klm														Table 8/18	
		C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00	
G 73.0	144.51	119.07	100.22	88.14	81.58	79.66	81.58	88.14	100.22	119.07	144.51	176.09	214.62		
G 74.0	114.23	95.58	81.39	71.99	66.68	65.06	66.68	71.99	81.39	95.58	114.23	137.43	167.55		
G 75.0	88.65	75.51	65.02	57.78	53.69	52.42	53.69	57.78	65.02	75.51	88.65	104.55	126.18		
G 76.0	68.29	59.18	51.76	46.59	43.70	42.75	43.70	46.59	51.76	59.18	68.29	78.71	92.87		
G 77.0	53.08	46.88	41.68	38.21	36.31	35.80	36.31	38.21	41.68	46.88	53.08	59.67	68.26		
G 78.0	42.46	38.08	34.38	32.00	30.69	30.34	30.69	32.00	34.38	38.08	42.46	46.71	51.52		
G 79.0	34.96	31.76	28.81	26.80	25.63	25.29	25.63	26.80	28.81	31.76	34.96	37.72	40.29		
G 80.0	29.07	26.49	23.94	22.09	20.97	20.60	20.97	22.09	23.94	26.49	29.07	31.04	32.37		
G 81.0	24.00	21.83	19.56	17.81	16.83	16.45	16.83	17.81	19.56	21.83	24.00	25.47	26.18		
G 82.0	19.47	17.61	15.67	14.12	13.29	12.97	13.29	14.12	15.67	17.61	19.47	20.55	20.93		
G 83.0	15.67	14.25	12.68	11.39	10.62	10.33	10.62	11.39	12.68	14.25	15.67	16.47	16.60		
G 84.0	12.72	11.55	10.26	9.14	8.43	8.18	8.43	9.14	10.26	11.55	12.72	13.24	13.15		
G 85.0	10.25	9.34	8.23	7.39	6.83	6.68	6.83	7.39	8.23	9.34	10.25	10.64	10.37		
G 86.0	8.20	7.45	6.48	5.75	5.27	5.15	5.27	5.75	6.48	7.45	8.20	8.42	8.08		
G 87.0	6.23	5.68	4.89	4.23	3.84	3.72	3.84	4.23	4.89	5.68	6.23	6.34	6.05		
G 88.0	4.38	4.03	3.48	2.88	2.50	2.35	2.50	2.88	3.48	4.03	4.38	4.37	4.11		
G 89.0	2.61	2.38	2.06	1.64	1.39	1.24	1.39	1.64	2.06	2.38	2.61	2.61	2.50		
G 90.0	1.23	1.14	1.01	0.80	0.62	0.55	0.62	0.80	1.01	1.14	1.23	1.23	1.19		
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		

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%	
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical	
Luminous Intensity Table cd/klm														Table 9/18	
		C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00	
G 73.0	260.60	311.35	358.58	390.58	393.66	359.14	292.75	214.57	146.40	97.56	65.52	44.18	31.09		
G 74.0	207.27	255.40	303.56	337.72	342.00	307.61	243.07	170.66	111.55	72.48	48.75	33.89	25.03		
G 75.0	157.54	199.11	243.74	276.05	279.19	245.37	186.07	123.81	76.93	48.83	33.48	24.62	19.56		
G 76.0	115.05	147.42	184.05	210.05	209.66	178.17	128.30	80.08	47.20	29.86	21.81	17.80	15.43		
G 77.0	82.47	104.63	130.15	146.70	142.19	115.47	78.30	45.86	26.25	17.43	14.37	13.29	12.53		
G 78.0	59.57	72.56	87.13	94.52	87.17	66.88	42.52	23.80	13.99	10.67	10.25	10.56	10.49		
G 79.0	44.34	50.64	56.81	57.66	49.64	35.72	21.63	12.38	8.41	7.66	8.14	8.77	9.09		
G 80.0	34.09	36.47	37.83	35.40	28.24	19.24	11.69	7.44	5.95	5.98	6.60	7.32	7.75		
G 81.0	26.76	27.29	26.48	23.08	17.33	11.50	7.37	5.39	4.91	5.11	5.66	6.22	6.56		
G 82.0	21.02	20.81	19.40	16.14	11.73	7.80	5.36	4.27	4.06	4.32	4.82	5.33	5.44		
G 83.0	16.38	15.78	14.27	11.60	8.43	5.85	4.30	3.65	3.54	3.78	4.17	4.50	4.52		
G 84.0	12.64	11.84	10.48	8.49	6.25	4.55	3.56	3.17	3.11	3.30	3.58	3.73	3.68		
G 85.0	9.76	8.92	7.76	6.26	4.71	3.60	2.93	2.69	2.64	2.69	2.85	2.89	2.93		
G 86.0	7.47	6.69	5.73	4.62	3.56	2.79	2.35	2.16	2.08	2.07	2.13	2.14	2.13		
G 87.0	5.54	4.88	4.09	3.23	2.47	1.97	1.70	1.57	1.43	1.38	1.36	1.42	1.48		
G 88.0	3.69	3.20	2.64	2.09	1.62	1.33	1.13	1.00	0.92	0.91	0.93	0.94	0.93		
G 89.0	2.29	1.99	1.63	1.29	1.02	0.81	0.65	0.54	0.55	0.57	0.58	0.52	0.49		
G 90.0	1.10	0.94	0.74	0.53	0.37	0.25	0.17	0.11	0.09	0.05	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		

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%	
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical	
Luminous Intensity Table cd/klm														Table 10/18	
		C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00	
G 73.0	23.84	20.38	18.48	17.38	16.87	17.12	18.57	20.95	23.23	24.31	24.18	23.71	23.52		
G 74.0	20.21	17.86	16.44	15.63	15.30	15.66	16.95	19.05	21.07	22.16	22.26	22.04	21.96		
G 75.0	16.81	15.30	14.28	13.74	13.66	14.11	15.34	17.23	19.15	20.27	20.48	20.20	20.00		
G 76.0	14.00	12.96	12.32	12.03	12.12	12.58	13.69	15.39	17.19	18.33	18.55	18.17	17.86		
G 77.0	11.78	11.08	10.70	10.54	10.65	11.04	12.05	13.58	15.22	16.31	16.50	16.06	15.77		
G 78.0	10.13	9.71	9.47	9.30	9.31	9.60	10.42	11.70	13.15	14.34	14.73	14.58	14.50		
G 79.0	8.92	8.63	8.24	8.04	7.99	8.26	8.90	10.01	11.45	12.72	13.37	13.45	13.58		
G 80.0	7.67	7.39	7.00	6.83	6.79	6.97	7.43	8.41	9.84	11.31	12.24	12.63	12.88		
G 81.0	6.48	6.17	5.88	5.72	5.67	5.69	6.03	6.96	8.46	9.97	11.05	11.53	11.84		
G 82.0	5.36	5.07	4.93	4.69	4.55	4.45	4.77	5.62	6.99	8.48	9.60	10.21	10.58		
G 83.0	4.40	4.19	4.04	3.73	3.51	3.43	3.68	4.42	5.60	6.95	7.95	8.46	8.75		
G 84.0	3.55	3.37	3.16	2.92	2.71	2.65	2.81	3.34	4.23	5.26	6.01	6.33	6.53		
G 85.0	2.79	2.66	2.46	2.28	2.12	2.05	2.12	2.44	2.95	3.60	4.03	4.21	4.27		
G 86.0	2.05	1.96	1.83	1.72	1.62	1.59	1.57	1.68	1.90	2.20	2.40	2.43	2.44		
G 87.0	1.45	1.36	1.23	1.19	1.16	1.14	1.08	1.09	1.13	1.25	1.27	1.32	1.33		
G 88.0	0.88	0.81	0.73	0.74	0.74	0.70	0.67	0.66	0.72	0.70	0.69	0.68	0.67		
G 89.0	0.42	0.35	0.28	0.27	0.25	0.20	0.17	0.14	0.13	0.09	0.07	0.04	0.02		
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

Luminaire

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Measurement

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%	
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG Asymmetrical			
Luminous Intensity Table cd/klm														Table 11/18	
	C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00		
G 73.0	23.64	23.85	23.93	23.85	23.64	23.52	23.71	24.18	24.31	23.23	20.95	18.57	17.12		
G 74.0	22.06	22.26	22.30	22.26	22.06	21.96	22.04	22.26	22.16	21.07	19.05	16.95	15.66		
G 75.0	20.13	20.50	20.68	20.50	20.13	20.00	20.20	20.48	20.27	19.15	17.23	15.34	14.11		
G 76.0	18.04	18.50	18.80	18.50	18.04	17.86	18.17	18.55	18.33	17.19	15.39	13.69	12.58		
G 77.0	16.13	16.93	17.34	16.93	16.13	15.77	16.06	16.50	16.31	15.22	13.58	12.05	11.04		
G 78.0	15.12	16.09	16.59	16.09	15.12	14.50	14.58	14.73	14.34	13.15	11.70	10.42	9.60		
G 79.0	14.21	15.26	15.67	15.26	14.21	13.58	13.45	13.37	12.72	11.45	10.01	8.90	8.26		
G 80.0	13.52	14.36	14.80	14.36	13.52	12.88	12.63	12.24	11.31	9.84	8.41	7.43	6.97		
G 81.0	12.35	12.96	13.28	12.96	12.35	11.84	11.53	11.05	9.97	8.46	6.96	6.03	5.69		
G 82.0	11.05	11.55	11.82	11.55	11.05	10.58	10.21	9.60	8.48	6.99	5.62	4.77	4.45		
G 83.0	9.15	9.56	9.75	9.56	9.15	8.75	8.46	7.95	6.95	5.60	4.42	3.68	3.43		
G 84.0	6.84	7.22	7.39	7.22	6.84	6.53	6.33	6.01	5.26	4.23	3.34	2.81	2.65		
G 85.0	4.47	4.72	4.85	4.72	4.47	4.27	4.21	4.03	3.60	2.95	2.44	2.12	2.05		
G 86.0	2.61	2.84	2.98	2.84	2.61	2.44	2.43	2.40	2.20	1.90	1.68	1.57	1.59		
G 87.0	1.41	1.54	1.57	1.54	1.41	1.33	1.32	1.27	1.25	1.13	1.09	1.08	1.14		
G 88.0	0.77	0.86	0.94	0.86	0.77	0.67	0.68	0.69	0.70	0.72	0.66	0.67	0.70		
G 89.0	0.01	0.00	0.00	0.00	0.01	0.02	0.04	0.07	0.09	0.13	0.14	0.17	0.20		
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		

Luminaire

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Measurem.

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Luminaire Flux	8133 lm	Luminaire Power	50.5 W	Efficacy	161.050 lm/W	Efficiency	100.00%
Source Flux	8133 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 12/18

	C 325.00	C 330.00	C 335.00	C 340.00	C 345.00	C 350.00	C 355.00
G 73.0	16.87	17.38	18.48	20.38	23.84	31.09	44.18
G 74.0	15.30	15.63	16.44	17.86	20.21	25.03	33.89
G 75.0	13.66	13.74	14.28	15.30	16.81	19.56	24.62
G 76.0	12.12	12.03	12.32	12.96	14.00	15.43	17.80
G 77.0	10.65	10.54	10.70	11.08	11.78	12.53	13.29
G 78.0	9.31	9.30	9.47	9.71	10.13	10.49	10.56
G 79.0	7.99	8.04	8.24	8.63	8.92	9.09	8.77
G 80.0	6.79	6.83	7.00	7.39	7.67	7.75	7.32
G 81.0	5.67	5.72	5.88	6.17	6.48	6.56	6.22
G 82.0	4.55	4.69	4.93	5.07	5.36	5.44	5.33
G 83.0	3.51	3.73	4.04	4.19	4.40	4.52	4.50
G 84.0	2.71	2.92	3.16	3.37	3.55	3.68	3.73
G 85.0	2.12	2.28	2.46	2.66	2.79	2.93	2.89
G 86.0	1.62	1.72	1.83	1.96	2.05	2.13	2.14
G 87.0	1.16	1.19	1.23	1.36	1.45	1.48	1.42
G 88.0	0.74	0.74	0.73	0.81	0.88	0.93	0.94
G 89.0	0.25	0.27	0.28	0.35	0.42	0.49	0.52
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G 99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Measurem.

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%													
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical													
Luminous Intensity Table cd/klm														Table 13/18													
		C 0.00		C 5.00		C 10.00		C 15.00		C 20.00		C 25.00		C 30.00		C 35.00		C 40.00		C 45.00		C 50.00		C 55.00		C 60.00	
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurem.

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%	
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical	
Luminous Intensity Table cd/klm														Table 14/18	
		C 65.00	C 70.00	C 75.00	C 80.00	C 85.00	C 90.00	C 95.00	C 100.00	C 105.00	C 110.00	C 115.00	C 120.00	C 125.00	
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00	0.00

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurem.

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%		
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical		
Luminous Intensity Table cd/klm														Table 15/18		
		C 130.00	C 135.00	C 140.00	C 145.00	C 150.00	C 155.00	C 160.00	C 165.00	C 170.00	C 175.00	C 180.00	C 185.00	C 190.00		
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00	0.00	0.00

Luminaire

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Measurem.

Code LF5_GL08_SS_525_3K_3C
Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm	Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%	
Source Flux		8133 lm	Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical	
Luminous Intensity Table cd/klm Table 16/18														
		C 195.00	C 200.00	C 205.00	C 210.00	C 215.00	C 220.00	C 225.00	C 230.00	C 235.00	C 240.00	C 245.00	C 250.00	C 255.00
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurem.

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux		8133 lm		Luminaire Power		50.5 W		Efficacy		161.050 lm/W		Efficiency		100.00%		
Source Flux		8133 lm		Maximum value		575.34 cd/klm		Position		C=80.00 G=59.00		CG		Asymmetrical		
Luminous Intensity Table cd/klm														Table 17/18		
		C 260.00	C 265.00	C 270.00	C 275.00	C 280.00	C 285.00	C 290.00	C 295.00	C 300.00	C 305.00	C 310.00	C 315.00	C 320.00		
G146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	0.00	0.00	0.00

Luminaire

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Measurem.

Code LF5_GL08_SS_525_3K_3C

Name LF5_GL08_SS_525_3K_3C

Luminaire Flux	8133 lm	Luminaire Power	50.5 W	Efficacy	161.050 lm/W	Efficiency	100.00%
Source Flux	8133 lm	Maximum value	575.34 cd/klm	Position	C=80.00 G=59.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 18/18

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