SEANNA-A

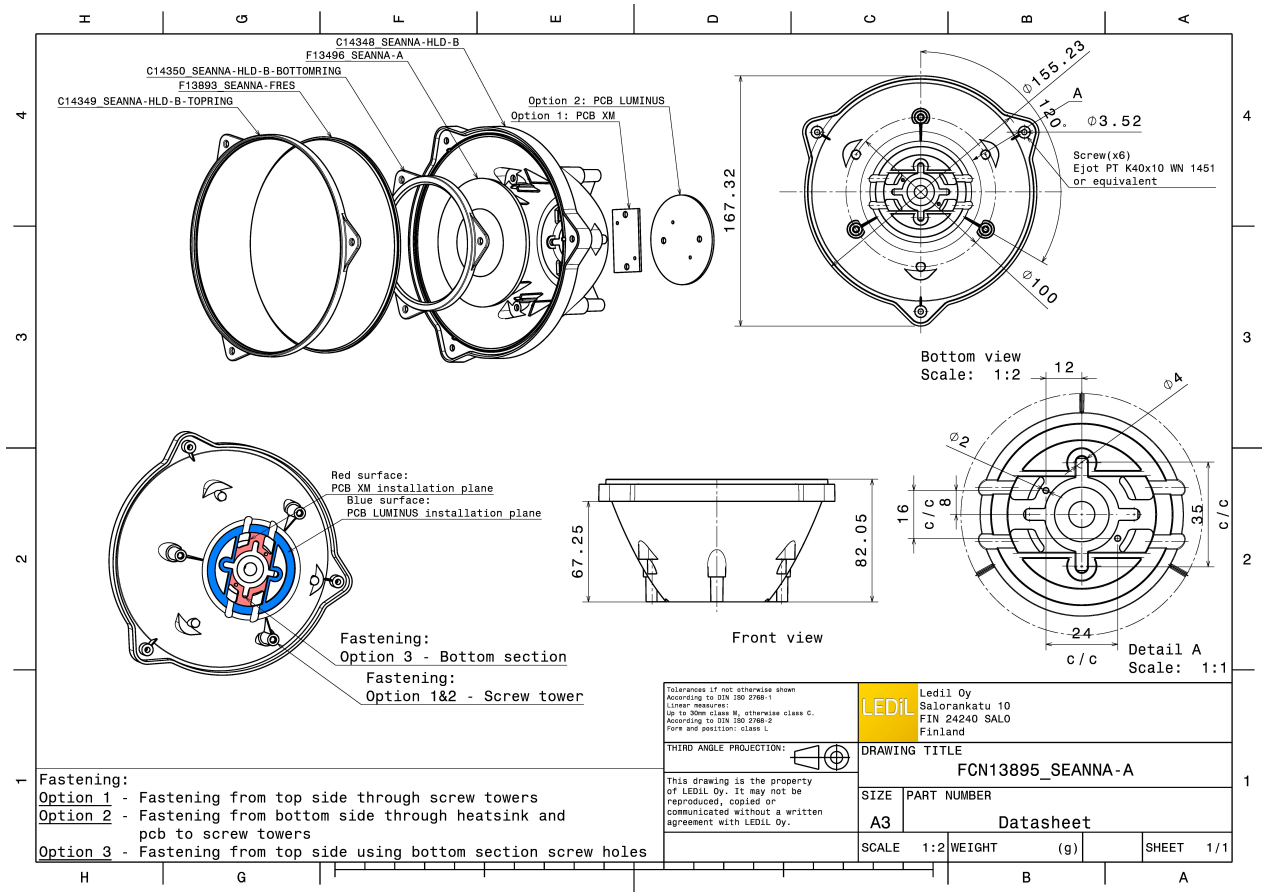
~2.3° spot beam. Assembly with holder.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 155.2 mm
Height	82 mm
Fastening	pin, screw
Colour	black
Box size	
Box weight	6.5 kg
Quantity in Box	pcs
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
SEANNA-A	Lens	PMMA	clear
SEANNA-FRES	Lens	PMMA	clear
SEANNA-HLD-B	Holder	PA66GF30	black
SEANNA-HLD-B-TOPRING	Holder	PA66GF30	black
SEANNA-HLD-B-BOTTOMRING	Holder	PA66GF30	black
SEANNA-SCREW	Accessory	Stainless steel	


C14348_SEANNA-HLD-B
F13496_SEANNA-A
C14350_SEANNA-HLD-B-BOTTOMRING
F13893_SEANNA-FRES
C14349_SEANNA-HLD-B-TOPRING
Option 2: PCB LUMINUS
Option 1: PCB XM
167.32
Ø155.23
120°
A
Ø3.52
Screw(x6)
Ejot PT K40x10 WN 1451
or equivalent
Ø100
Bottom view
Scale: 1:2
12
Ø4
Ø2
16
c/c 8
35
c/c
24
c/c
Detail A
Scale: 1:1
Red surface:
PCB XM installation plane
Blue surface:
PCB LUMINUS installation plane
67.25
82.05
Front view
Fastening:
Option 3 - Bottom section
Fastening:
Option 1&2 - Screw tower
Fastening:
Option 1 - Fastening from top side through screw towers
Option 2 - Fastening from bottom side through heatsink and pcb to screw towers
Option 3 - Fastening from top side using bottom section screw holes
Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class H, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L
THIRD ANGLE PROJECTION:
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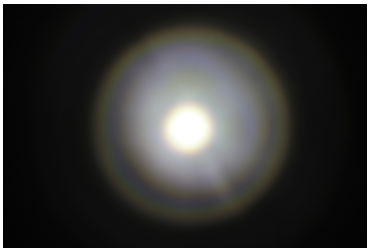
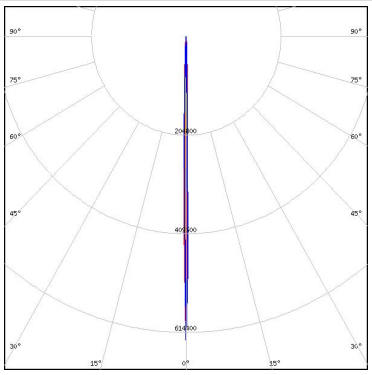
LEDiL
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland
DRAWING TITLE
FCN13895_SEANNA-A
SIZE
A3
PART NUMBER
Datasheet
SCALE 1:2
WEIGHT (g)
SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

CREE

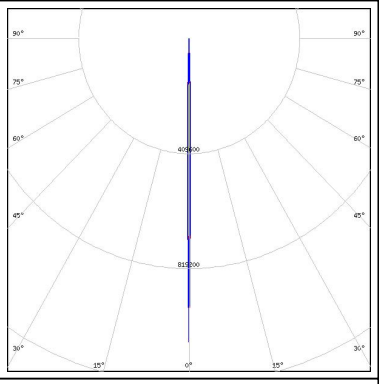
LED	XD16
FWHM	1.0°
Efficiency	91 %
Peak intensity	629.000 cd/lm
Required components:	





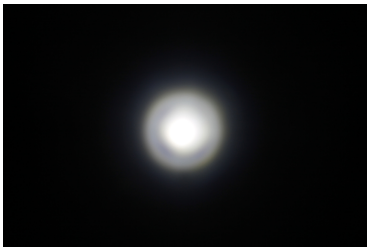
CREE

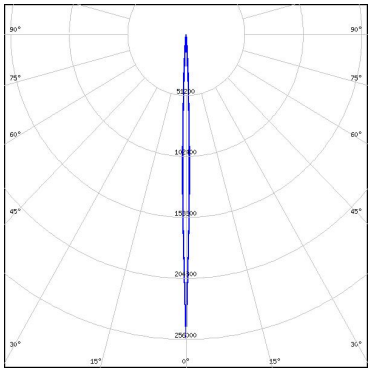
LED	XP-E2
FWHM	1.0°
Efficiency	%
Peak intensity	750.000 cd/lm
Required components:	



CREE

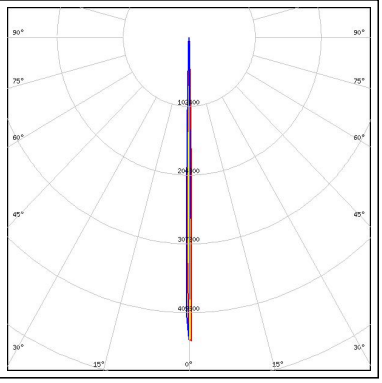
LED	XP-L
FWHM	2.4°
Efficiency	94 %
Peak intensity	255.000 cd/lm
Required components:	





CREE

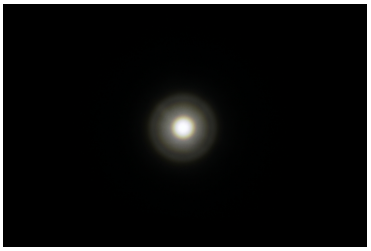
LED	XP-L HI
FWHM	1.6°
Efficiency	94 %
Peak intensity	492.000 cd/lm
Required components:	

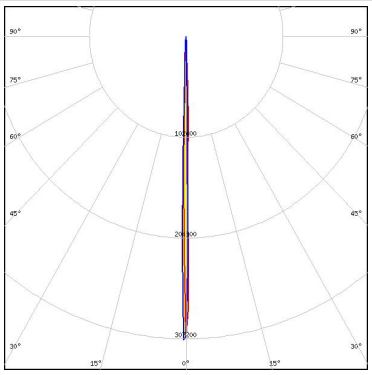


PHOTOMETRIC DATA (MEASURED):

NICHIA

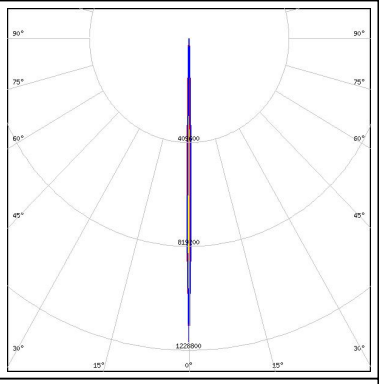
LED	NVSW3x9A
FWHM	1.9°
Efficiency	92 %
Peak intensity	310.000 cd/lm
Required components:	





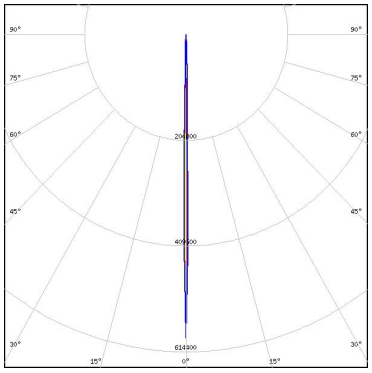
OSRAM
Opto Semiconductors

LED	Oslon Black Flat
FWHM	1.2°
Efficiency	94 %
Peak intensity	1196.000 cd/lm
Required components:	



OSRAM
Opto Semiconductors

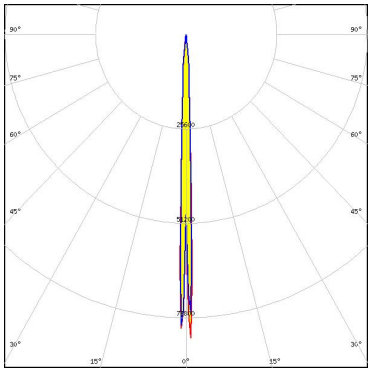
LED	Oslon Square Gen3
FWHM	1.5°
Efficiency	94 %
Peak intensity	587.000 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

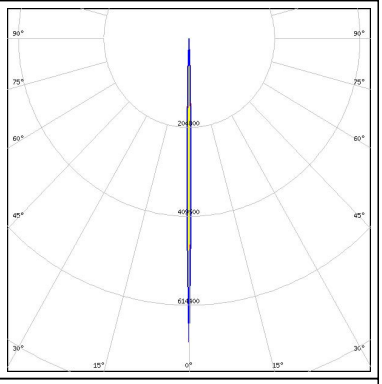
CREE

LED	MK-R
FWHM	4.0°
Efficiency	91 %
Peak intensity	82.000 cd/lm
Required components:	



CREE

LED	XB-D
FWHM	1.3°
Efficiency	87 %
Peak intensity	698.000 cd/lm
Required components:	

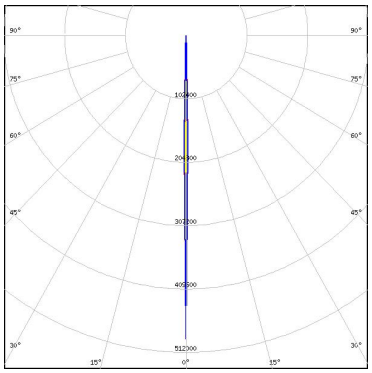


CREE

LED	XHP35 HD
FWHM	2.4°
Efficiency	89 %
Peak intensity	257.000 cd/lm
Required components:	

CREE

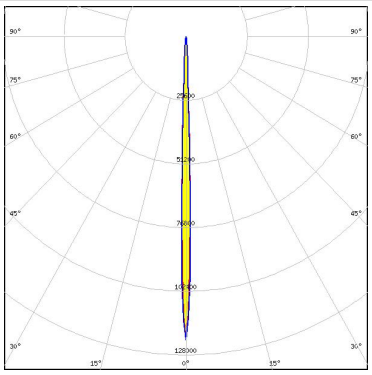
LED	XHP35 HI
FWHM	1.6°
Efficiency	83 %
Peak intensity	496.000 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

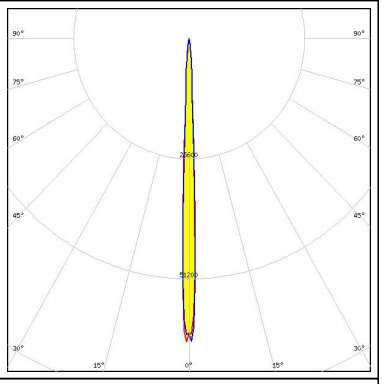
CREE

LED	XHP50
FWHM	3.3°
Efficiency	87 %
Peak intensity	122.000 cd/lm
Required components:	



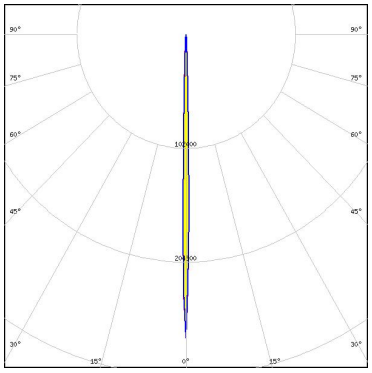
CREE

LED	XHP70
FWHM	4.3°
Efficiency	81 %
Peak intensity	69.900 cd/lm
Required components:	



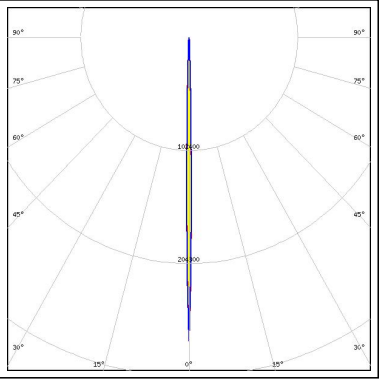
CREE

LED	XM-L
FWHM	2.4°
Efficiency	%
Peak intensity	272.000 cd/lm
Required components:	



CREE

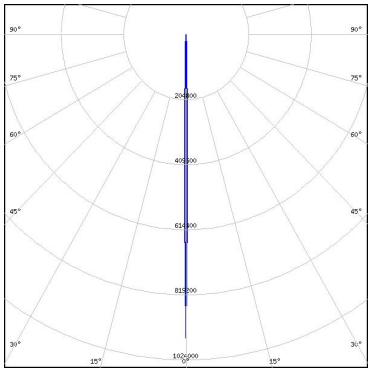
LED	XM-L2
FWHM	2.0°
Efficiency	85 %
Peak intensity	275.000 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

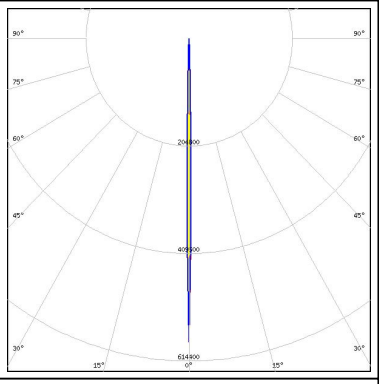
CREE

LED	XP-E
FWHM	1.2°
Efficiency	92 %
Peak intensity	955.000 cd/lm
Required components:	



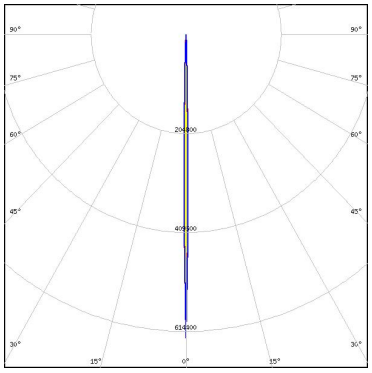
CREE

LED	XP-G
FWHM	1.4°
Efficiency	90 %
Peak intensity	578.000 cd/lm
Required components:	



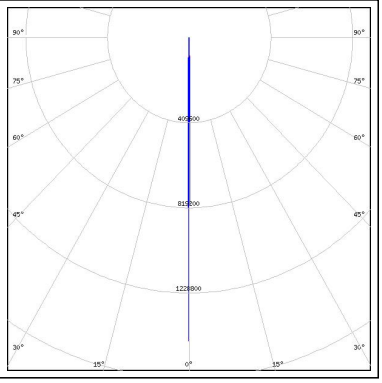
CREE

LED	XP-G2
FWHM	1.4°
Efficiency	91 %
Peak intensity	628.000 cd/lm
Required components:	



CREE

LED	XQ-E
FWHM	1.1°
Efficiency	92 %
Peak intensity	1460.000 cd/lm
Required components:	



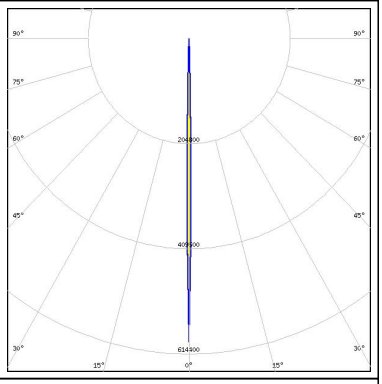
PHOTOMETRIC DATA (SIMULATED):

CREE

LED	XQ-E HI
FWHM	1.2°
Efficiency	90 %
Peak intensity	1300.000 cd/lm
Required components:	

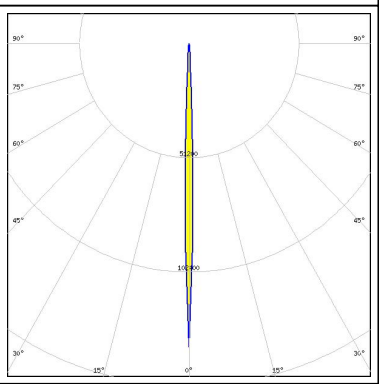
CREE

LED	XT-E
FWHM	1.4°
Efficiency	88 %
Peak intensity	519.000 cd/lm
Required components:	



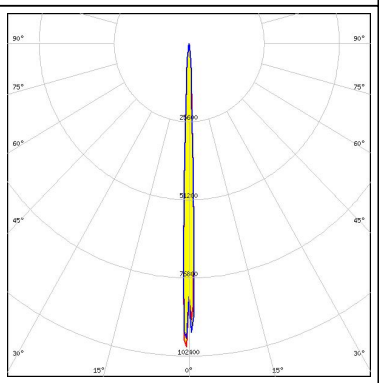
LED ENGIN

LED	LZ4 (00xW00)
FWHM	3.3°
Efficiency	91 %
Peak intensity	136.000 cd/lm
Required components:	



LUMILEDS

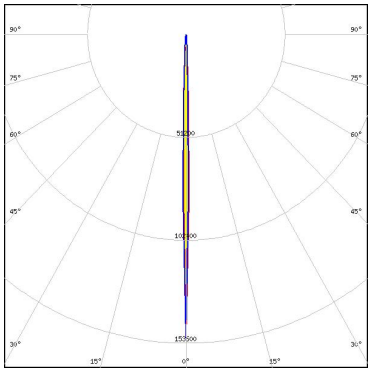
LED	LUXEON M/MX
FWHM	3.6°
Efficiency	89 %
Peak intensity	99.000 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

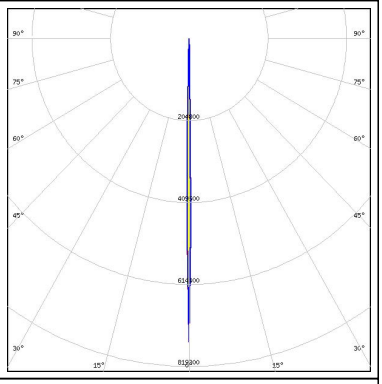
LUMILEDS

LED	LUXEON MZ
FWHM	2.2°
Efficiency	84 %
Peak intensity	151.040 cd/lm
Required components:	



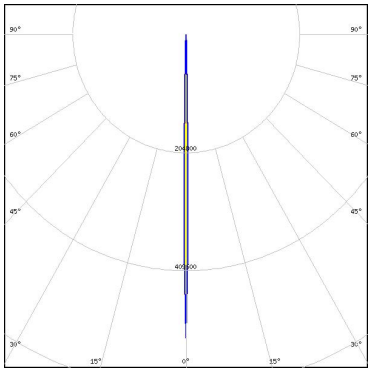
LUMILEDS

LED	LUXEON Rebel
FWHM	1.3°
Efficiency	90 %
Peak intensity	704.000 cd/lm
Required components:	



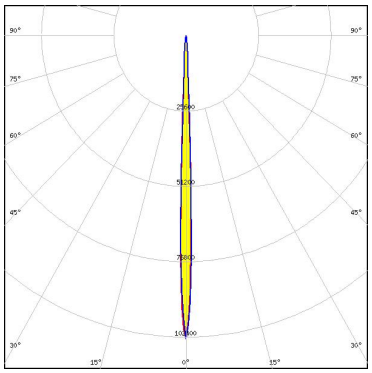
LUMILEDS

LED	LUXEON Rebel ES
FWHM	1.6°
Efficiency	90 %
Peak intensity	530.000 cd/lm
Required components:	



LUMILEDS

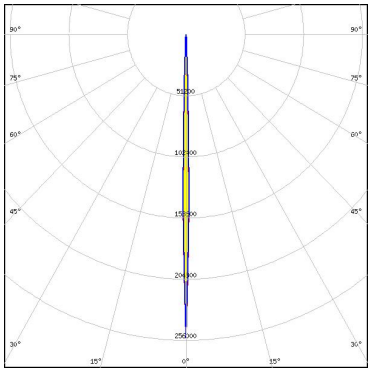
LED	LUXEON S1000
FWHM	3.8°
Efficiency	88 %
Peak intensity	100.000 cd/lm
Required components:	



PHOTOMETRIC DATA (SIMULATED):

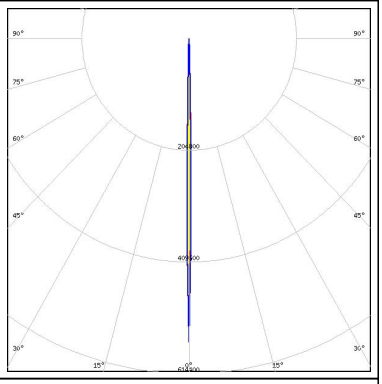
LUMINUS

LED	SBT-90
FWHM	2.3°
Efficiency	90 %
Peak intensity	253.000 cd/lm
Required components:	



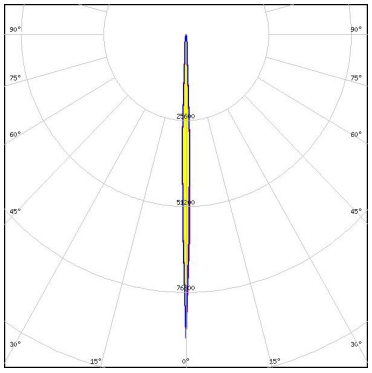
OSRAM
Opto Semiconductors

LED	Oslon Square PC
FWHM	1.5°
Efficiency	89 %
Peak intensity	550.000 cd/lm
Required components:	



SEOUL SEMICONDUCTOR

LED	Z8Y50P
FWHM	3.0°
Efficiency	79 %
Peak intensity	90.400 cd/lm
Required components:	



GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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