

G2-LAURA-SS-P

~11° smooth spot beam. Assembly with thinner white holder, installation tape and location pins.

SPECIFICATION:

Dimensions	21.6 x 21.6 mm
Height	13.1 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

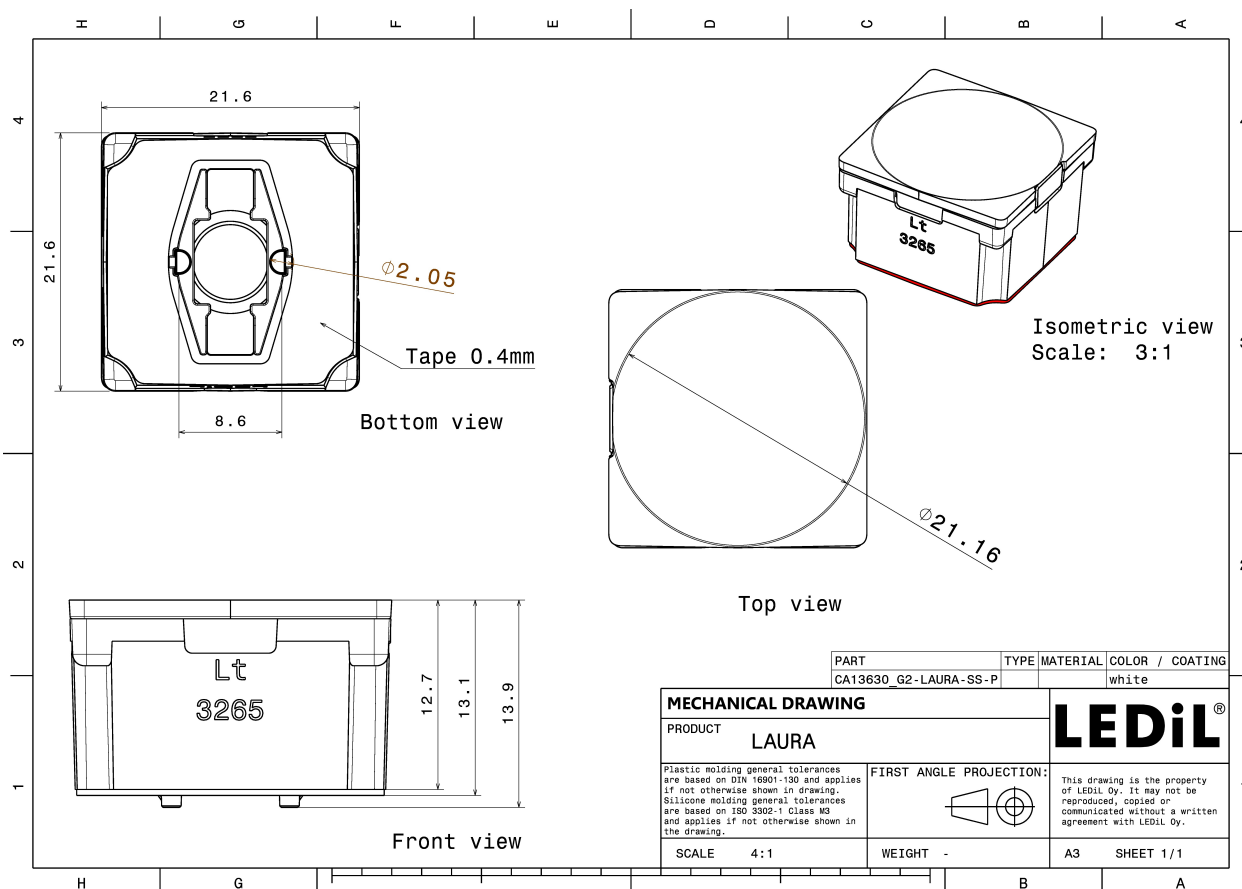
MATERIALS:

Component	Type	Material	Colour	Finish
LAURA-SS	Single lens	PMMA		
LAURA-LT-PIN-XP-HLD-WHT	Holder	PC	white	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA13630_G2-LAURA-SS-P		360	180	6.0
» Box size:				



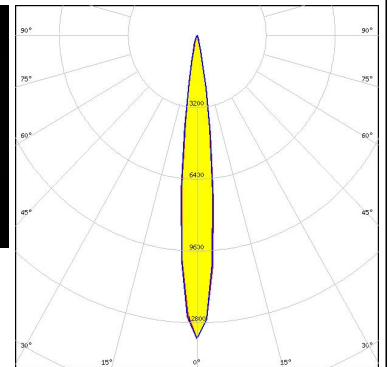
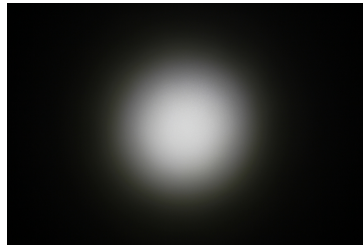


See also our general installation guide: www.ledil.com/installation_guide

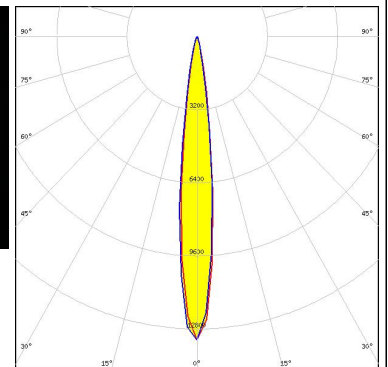
OPTICAL RESULTS (MEASURED):



LED XB-D
FWHM / FWTM 13.0° / 24.0°
Efficiency 88 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



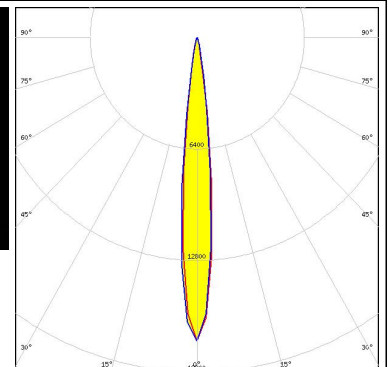
LED XB-H
FWHM / FWTM 13.0° / 25.0°
Efficiency 90 %
Peak intensity 13.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-E
FWHM / FWTM 11.0° / 19.0°
Efficiency 93 %
Peak intensity 16.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



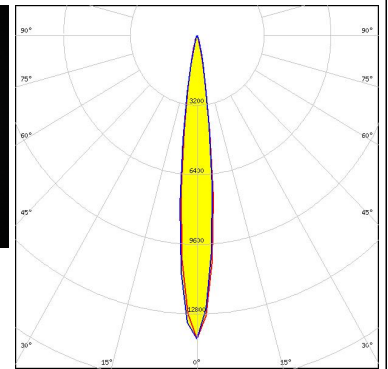
LED XP-E2
FWHM / FWTM 12.0° / 21.0°
Efficiency 90 %
Peak intensity 17.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



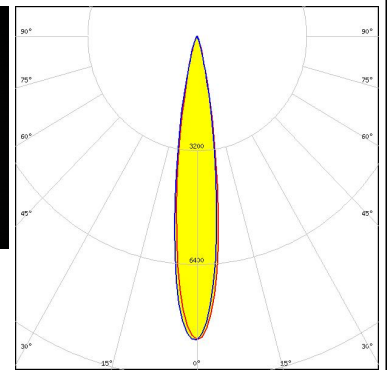
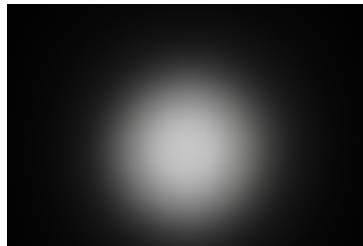
OPTICAL RESULTS (MEASURED):



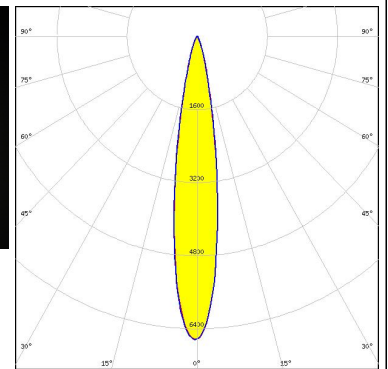
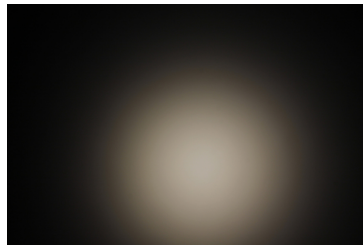
LED XP-G2
FWHM / FWTM 13.0° / 24.0°
Efficiency 90 %
Peak intensity 14 cd/lm
LEDs/each optic 1
Light colour White
Required components:



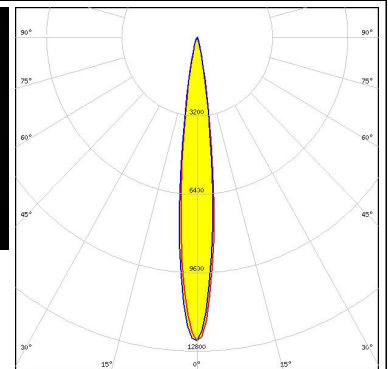
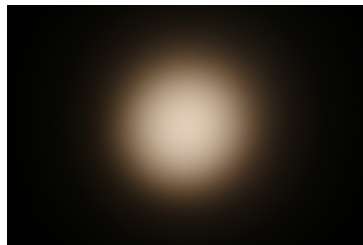
LED XP-L HD
FWHM / FWTM 16.0° / 30.0°
Efficiency 89 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-L2
FWHM / FWTM 17.0° / 34.0°
Efficiency 88 %
Peak intensity 6.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



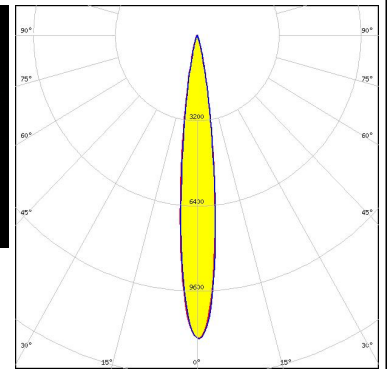
LED XT-E
FWHM / FWTM 13.0° / 25.0°
Efficiency 90 %
Peak intensity 12.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



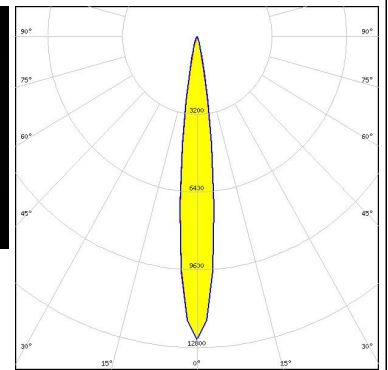
OPTICAL RESULTS (MEASURED):



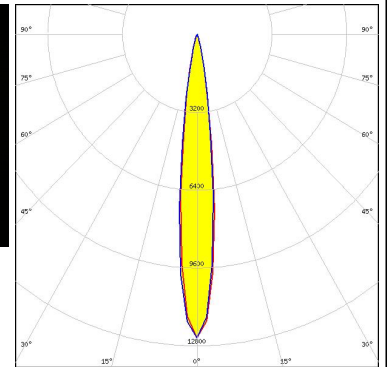
LED LUXEON 3030 2D (Round LES)
 FWHM / FWTM 13.0° / 26.0°
 Efficiency 91 %
 Peak intensity 11.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



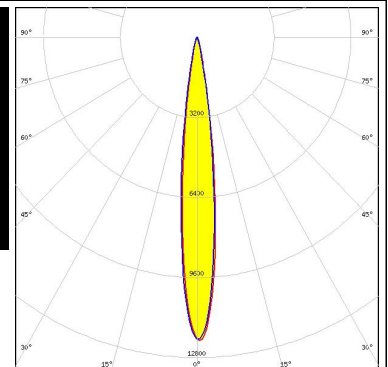
LED LUXEON TX
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 90 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED NCSxx19A
 FWHM / FWTM 14.0° / 26.0°
 Efficiency 91 %
 Peak intensity 12.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



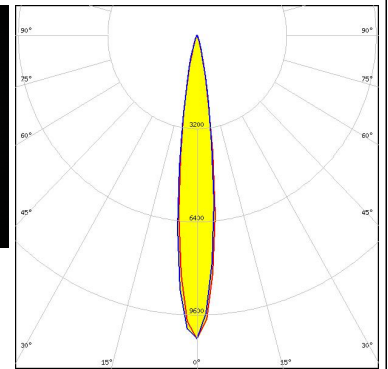
LED NVSW219D
 FWHM / FWTM 13.0° / 25.0°
 Efficiency 94 %
 Peak intensity 12.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



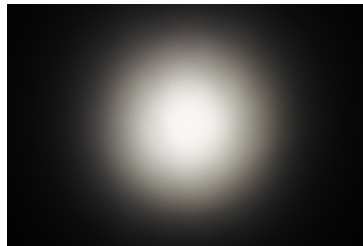
OPTICAL RESULTS (MEASURED):



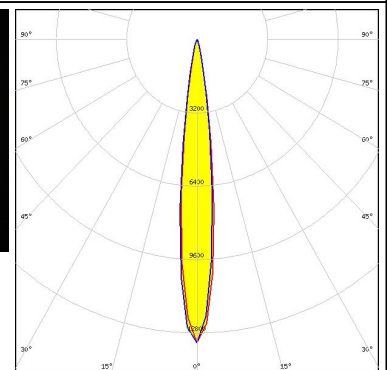
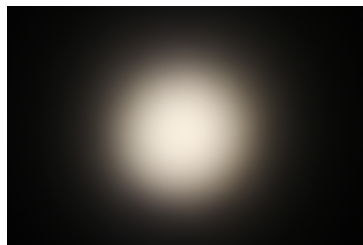
LED NVSxx19A
FWHM / FWTM 15.0° / 28.0°
Efficiency 88 %
Peak intensity 10.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



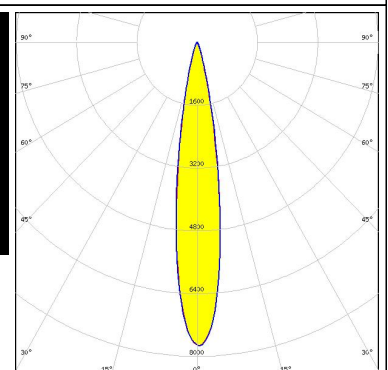
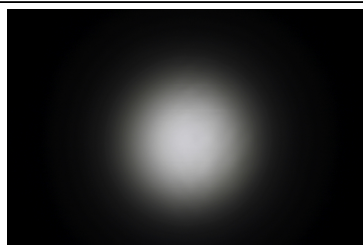
LED NVSxx19B/NVSxx19C
FWHM / FWTM 14.0° / 27.0°
Efficiency 89 %
Peak intensity 11.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:




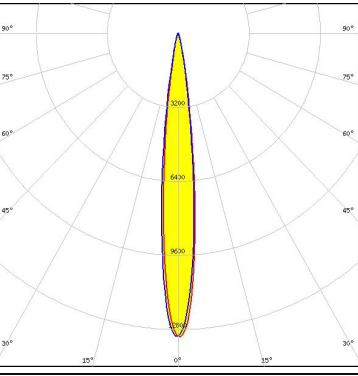

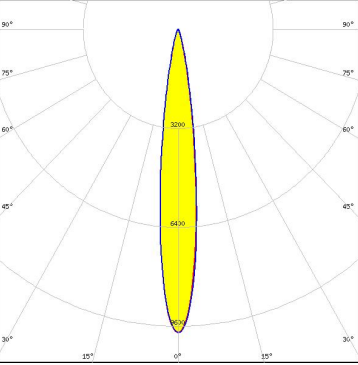
LED OSLON Square EC
FWHM / FWTM 13.0° / 25.0°
Efficiency 90 %
Peak intensity 13.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LH351D
FWHM / FWTM 17.0° / 32.0°
Efficiency 94 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



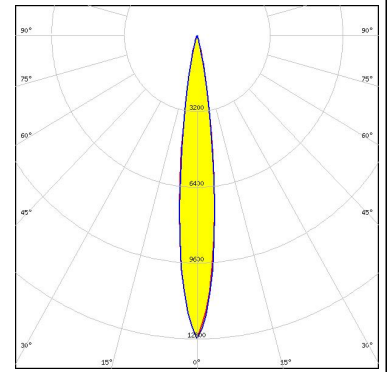
OPTICAL RESULTS (MEASURED):

<p>SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2</p> <p>FWHM / FWTM 12.0° / 24.0°</p> <p>Efficiency 90 %</p> <p>Peak intensity 13.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED Z5M3</p> <p>FWHM / FWTM 14.0° / 28.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 9.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		

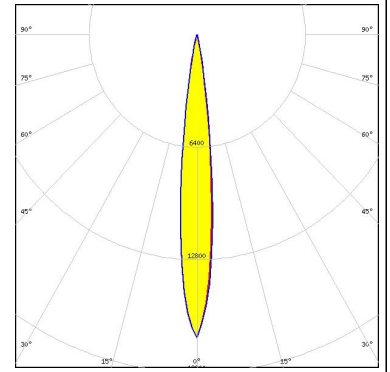
OPTICAL RESULTS (SIMULATED):



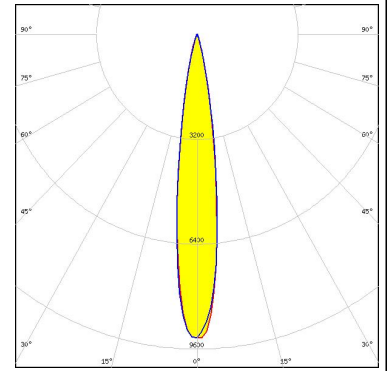
LED XHP35 HI
FWHM / FWTM 14.0° / 26.0°
Efficiency 94 %
Peak intensity 12.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



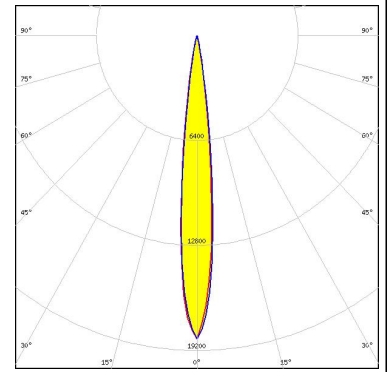
LED XP-E2
FWHM / FWTM 12.0° / 23.0°
Efficiency 95 %
Peak intensity 17.2 cd/lm
LEDs/each optic 1
Light colour Amber
Required components:



LED XP-G3
FWHM / FWTM 15.0° / 29.0°
Efficiency 93 %
Peak intensity 9.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



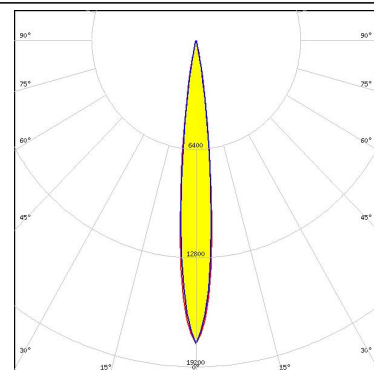
LED XQ-E HD
FWHM / FWTM 12.0° / 21.6°
Efficiency 94 %
Peak intensity 18.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OPTICAL RESULTS (SIMULATED):

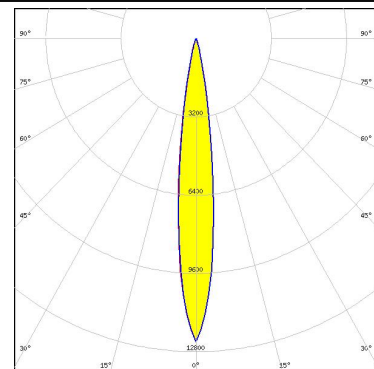
LUMILEDS

LED LUXEON HL1Z
FWHM / FWTM 12.0° / 22.0°
Efficiency 96 %
Peak intensity 17.9 cd/Im
LEDs/each optic 1
Light colour White
Required components:



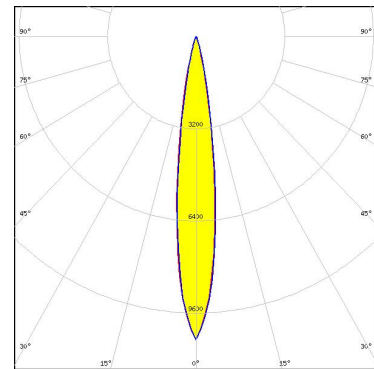
LUMILEDS

LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 94 %
Peak intensity 12.4 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LUMILEDS

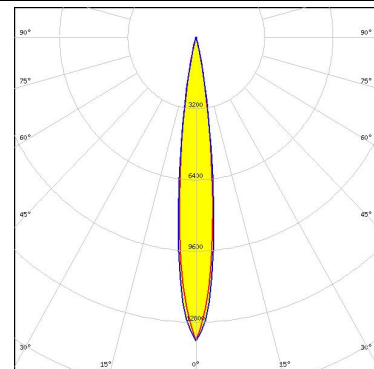
LED LUXEON HL2X-P
FWHM / FWTM 15.0° / 28.0°
Efficiency 94 %
Peak intensity 10.5 cd/Im
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLOX Black
FWHM / FWTM 13.0° / 25.0°
Efficiency 96 %
Peak intensity 13.8 cd/Im
LEDs/each optic 1
Light colour White
Required components:

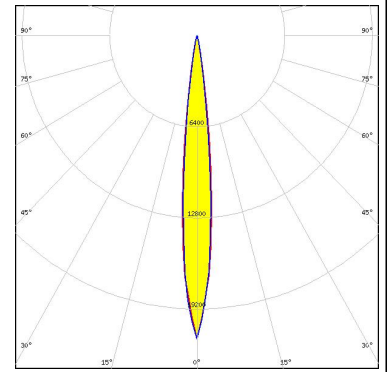


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

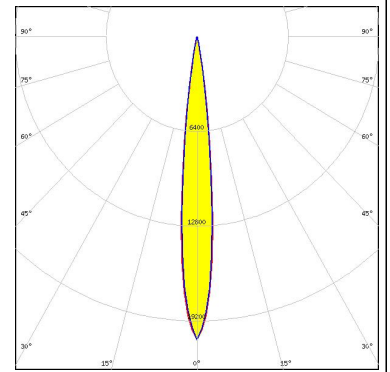
LED OSLON Black Flat (LUW HWQP)
 FWHM / FWTM 11.0° / 20.0°
 Efficiency 94 %
 Peak intensity 21.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

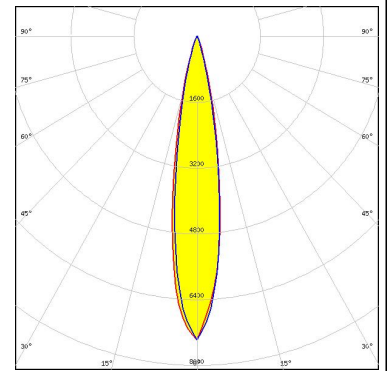
LED OSLON Signal
 FWHM / FWTM 12.0° / 20.0°
 Efficiency 96 %
 Peak intensity 20.5 cd/lm
 LEDs/each optic 1
 Light colour Red
 Required components:



OSRAM

Opto Semiconductors

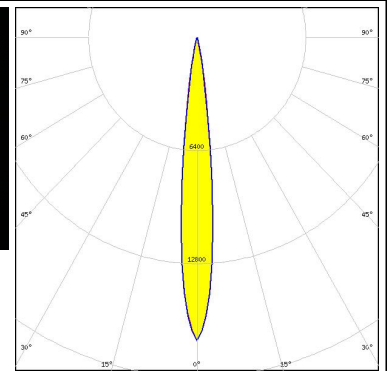
LED OSLON Square CSSRM2/CSSRM3
 FWHM / FWTM 18.0° / 35.0 + 33.0°
 Efficiency 96 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSLON Square Flat
 FWHM / FWTM 12.0° / 22.0°
 Efficiency 94 %
 Peak intensity 17.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

OSRAM

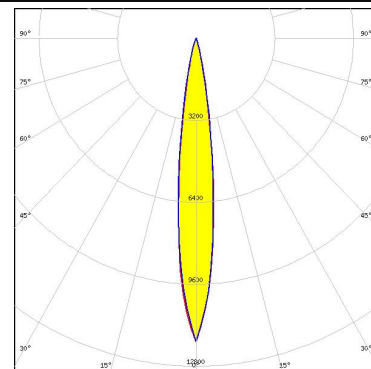
Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 13.0° / 28.0°
Efficiency 94 %
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM / FWTM 13.0° / 26.0°
Efficiency 97 %
Peak intensity 11.9 cd/lm
LEDs/each optic 1
Light colour White
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.

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