

G2-LXP2-RS-P

~9.6° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape. Variant with thin holder with pins.

SPECIFICATION:

Dimensions	Ø 21.8 mm
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

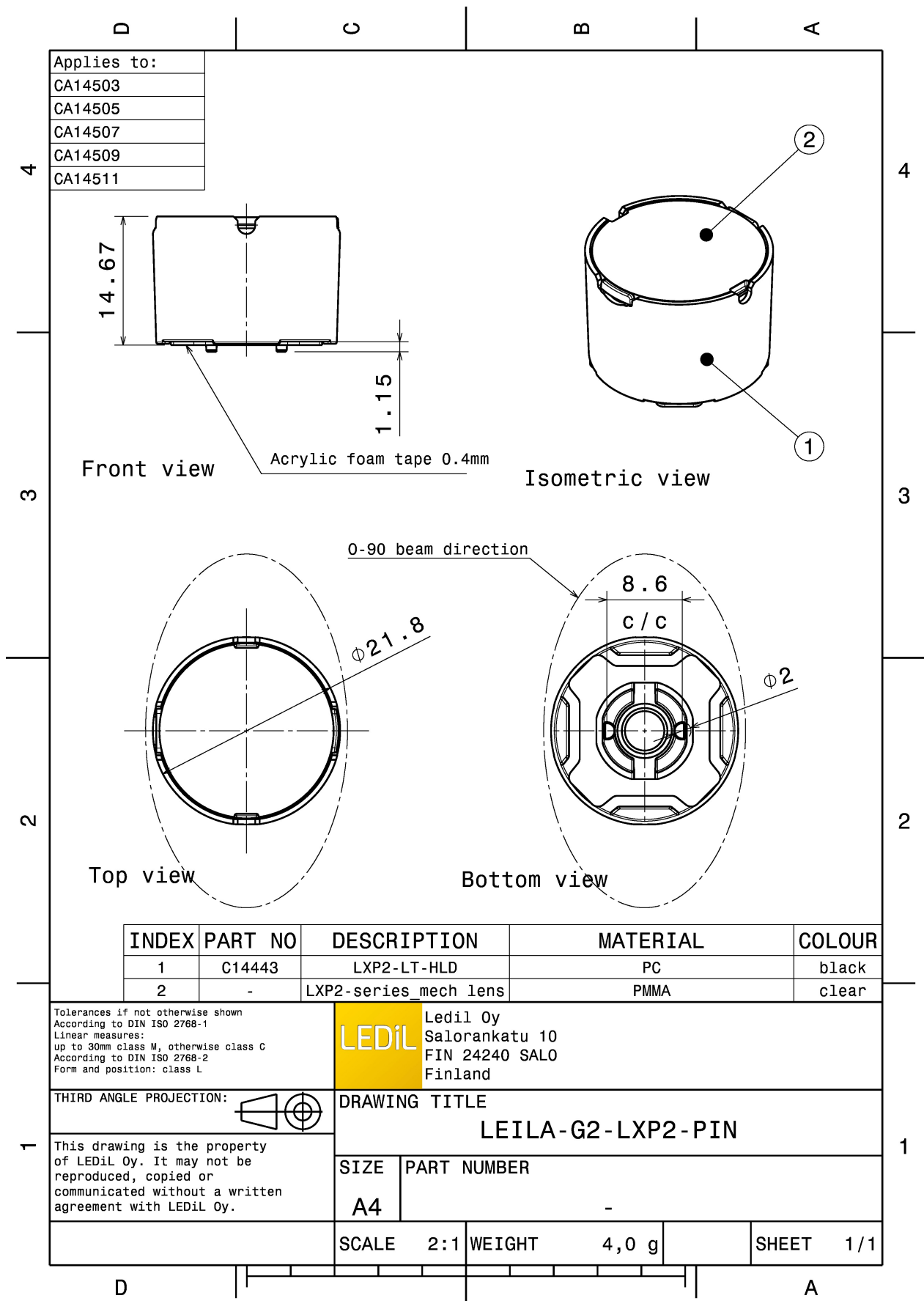


MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-RS	Single lens	PMMA	clear	
LXP2-LT-HLD	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
CA14503_G2-LXP2-RS-P » Box size:			112	0.0

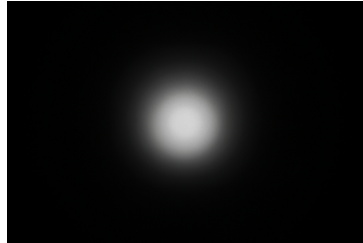


See also our general installation guide: www.ledil.com/installation_guide

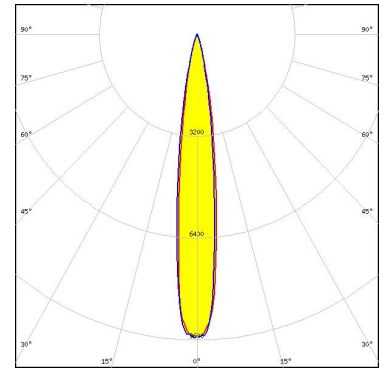
OPTICAL RESULTS (MEASURED):



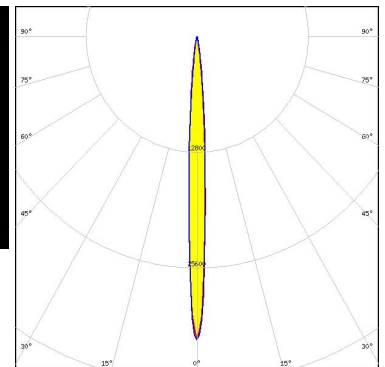
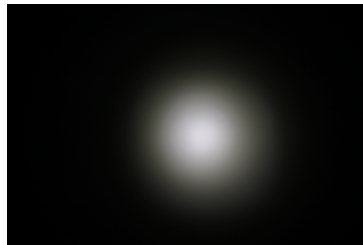
LED XP-E
FWHM / FWTM 7.8° / 16.0°
Efficiency 89 %
Peak intensity 35.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



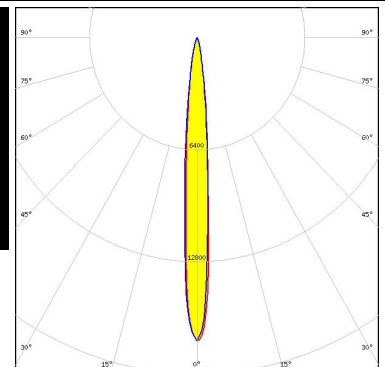
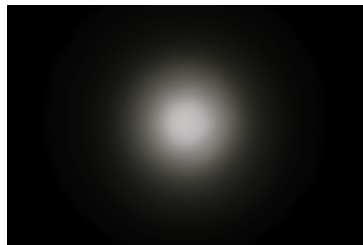
LED XP-L HD
FWHM / FWTM 14.0° / 29.0°
Efficiency 90 %
Peak intensity 9.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON C
FWHM / FWTM 6.0° / 16.0°
Efficiency 85 %
Peak intensity 34 cd/lm
LEDs/each optic 1
Light colour White
Required components:



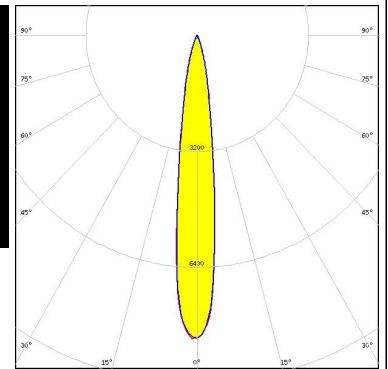
LED LUXEON Rebel ES
FWHM / FWTM 9.0° / 22.0°
Efficiency 89 %
Peak intensity 17.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



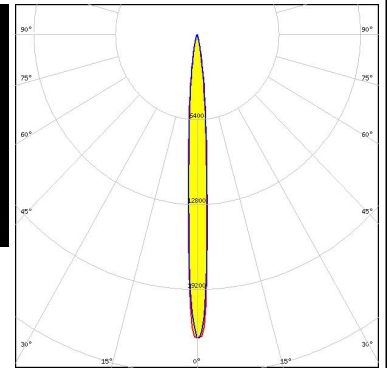
OPTICAL RESULTS (MEASURED):



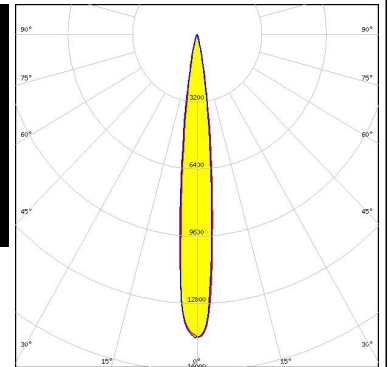
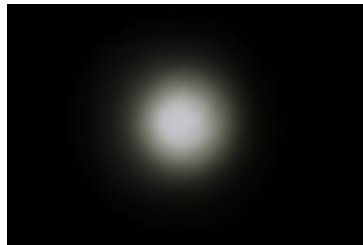
LED LUXEON V
FWHM / FWTM 14.0° / 33.0°
Efficiency 89 %
Peak intensity 8.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



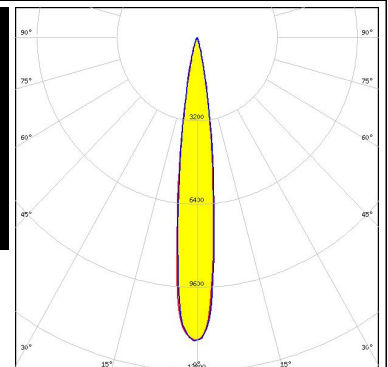
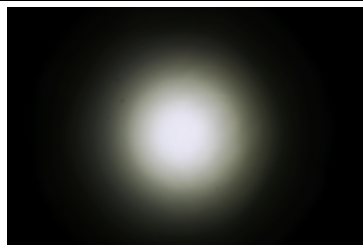
LED NCSxx19A
FWHM / FWTM 7.2° / 19.0°
Efficiency 90 %
Peak intensity 22.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219F
FWHM / FWTM 12.0° / 24.0°
Efficiency 92 %
Peak intensity 14.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



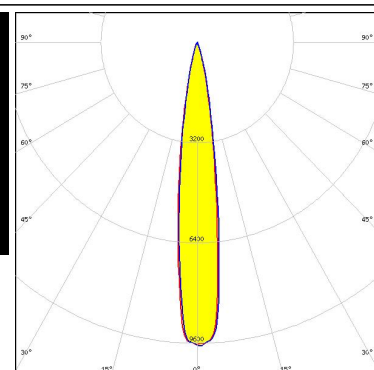
LED NVSW319B
FWHM / FWTM 14.0° / 27.0°
Efficiency 92 %
Peak intensity 11.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



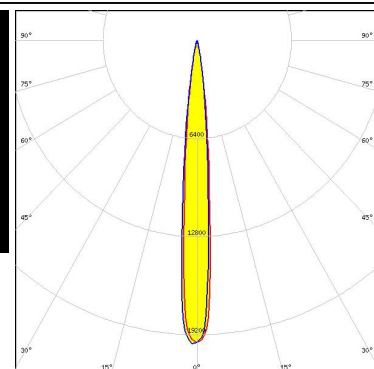
OPTICAL RESULTS (MEASURED):



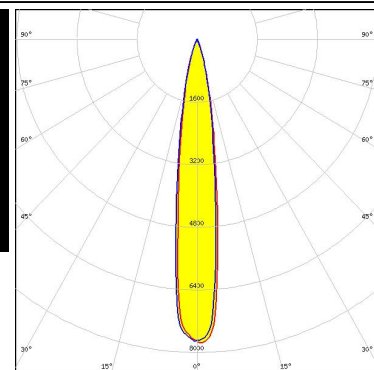
LED NVSW519A
FWHM / FWTM 15.0° / 30.0°
Efficiency 91 %
Peak intensity 9.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW719AC
FWHM / FWTM 10.0° / 21.0°
Efficiency 92 %
Peak intensity 19.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

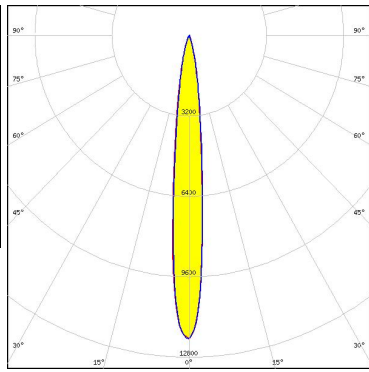
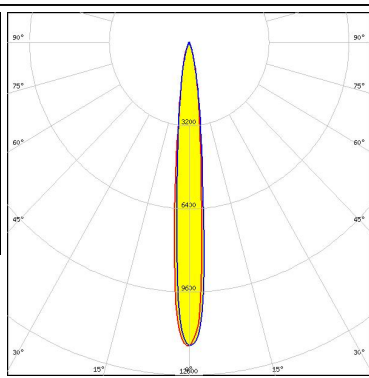


LED NWSx229A
FWHM / FWTM 15.0° / 34.0°
Efficiency 88 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED PLPVEC2 850A
FWHM / FWTM 5.0° / 12.0°
Efficiency %
LEDs/each optic 1
Light colour IR
Required components:

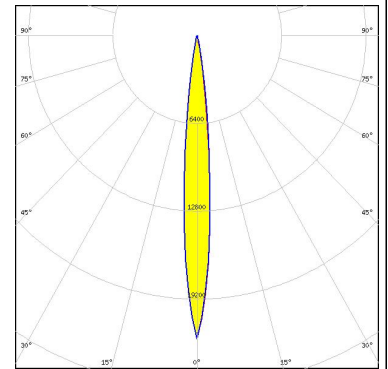
OPTICAL RESULTS (MEASURED):

SEOUL SEMICONDUCTOR LED Z5M3 FWHM / FWTM 11.0° / 27.0° Efficiency 88 % Peak intensity 12.1 cd/lm LEDs/each optic 1 Light colour White Required components:		
SEOUL SEMICONDUCTOR LED Z8Y22P FWHM / FWTM 10.0° / 26.0° Efficiency 83 % Peak intensity 11.7 cd/lm LEDs/each optic 1 Light colour White Required components:		

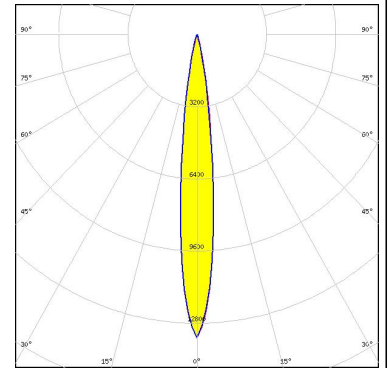
OPTICAL RESULTS (SIMULATED):



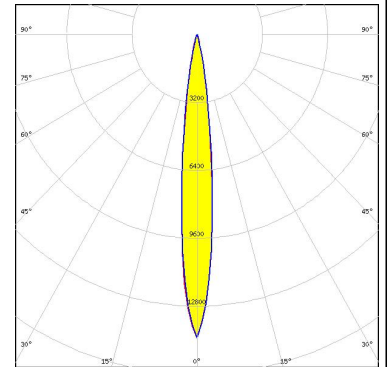
LED XP-G2
FWHM / FWTM 10.0° / 20.0°
Efficiency 95 %
Peak intensity 22.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



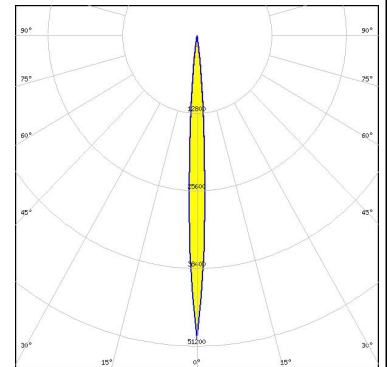
LED XP-G2 HE
FWHM / FWTM 12.0° / 26.0°
Efficiency 91 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G3
FWHM / FWTM 12.0° / 24.0°
Efficiency 90 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



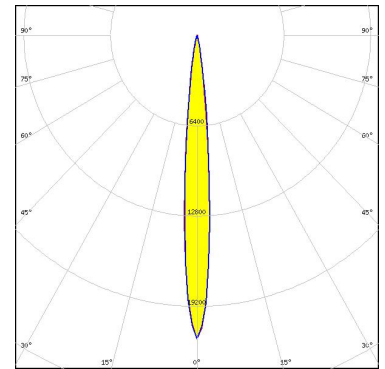
LED XQ-E HI
FWHM / FWTM 6.0° / 14.0°
Efficiency 92 %
Peak intensity 50 cd/lm
LEDs/each optic 1
Light colour White
Required components:



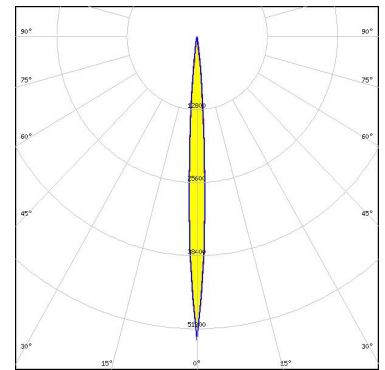
OPTICAL RESULTS (SIMULATED):



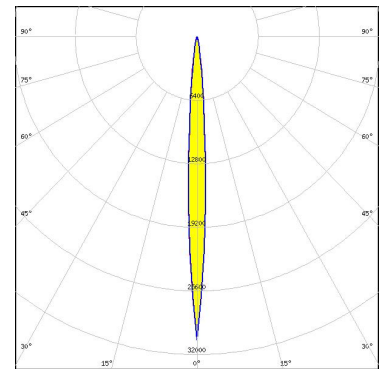
LED XT-E
FWHM / FWTM 9.7° / 20.0°
Efficiency 91 %
Peak intensity 21.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



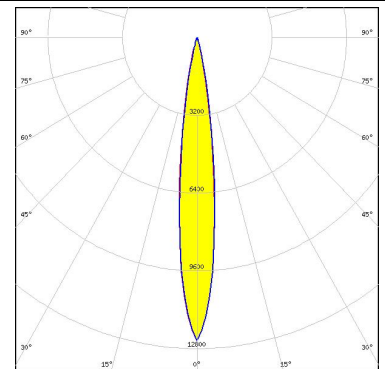
LED LUXEON CZ
FWHM / FWTM 6.0° / 14.0°
Efficiency 92 %
Peak intensity 53.2 cd/lm
LEDs/each optic 1
Light colour Red
Required components:



LED LUXEON HL1Z
FWHM / FWTM 6.0° / 16.0 + 17.0°
Efficiency 88 %
Peak intensity 30.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON HL2X
FWHM / FWTM 14.0° / 26.0°
Efficiency 93 %
Peak intensity 12.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



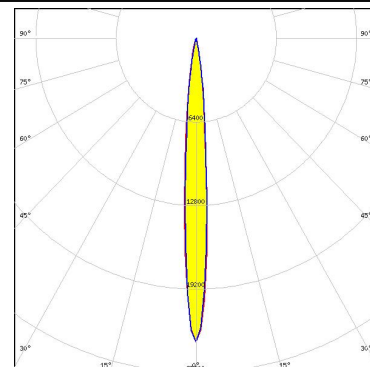
OPTICAL RESULTS (SIMULATED):



LED LUXEON IR Domed 150
 FWHM / FWTM 9.0° / 20.0°
 Efficiency 91 %
 LEDs/each optic 1
 Light colour White
 Required components:



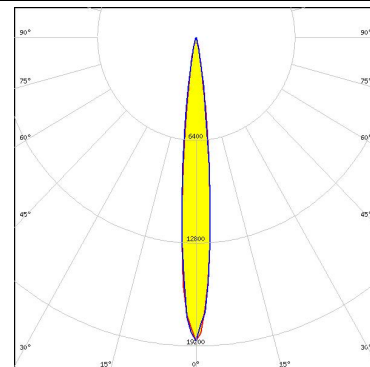
LED LUXEON IR Domed 60
 FWHM / FWTM 8.0° / 20.0°
 Efficiency 94 %
 LEDs/each optic 1
 Light colour IR
 Required components:



LED LUXEON IR Domed 90
 FWHM / FWTM 10.0° / 23.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour White
 Required components:



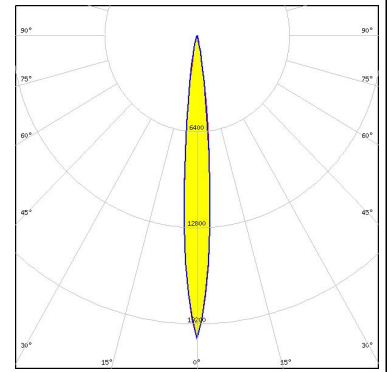
LED LUXEON T
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 93 %
 Peak intensity 19.2 cd/m²
 LEDs/each optic 1
 Light colour White
 Required components:



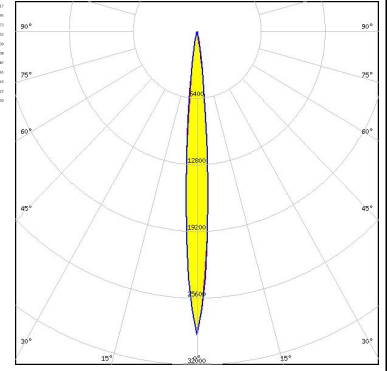
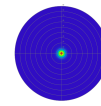
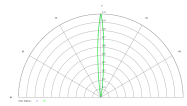
OPTICAL RESULTS (SIMULATED):



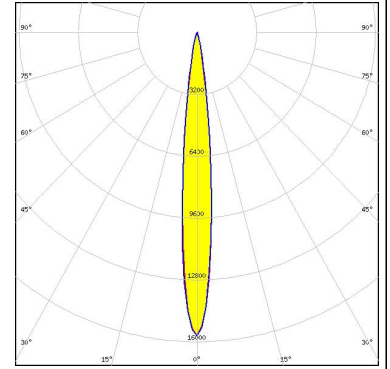
LED LUXEON TX
FWHM / FWTM 10.0° / 20.0°
Efficiency 92 %
Peak intensity 20.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



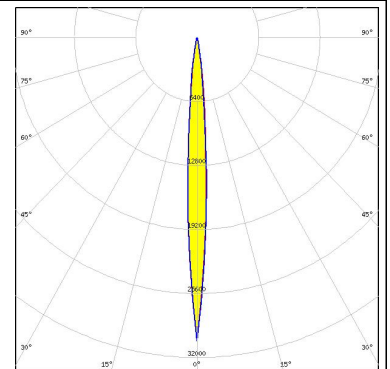
LED SST-10-B130
FWHM / FWTM 8.0° / 17.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
Required components:



LED NVSxx19B/NVSxx19C
FWHM / FWTM 11.0° / 23.0°
Efficiency 89 %
Peak intensity 15.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSCONIQ P 3030
FWHM / FWTM 8.0° / 18.0°
Efficiency 92 %
Peak intensity 30.3 cd/lm
LEDs/each optic 1
Light colour Blue
Required components:

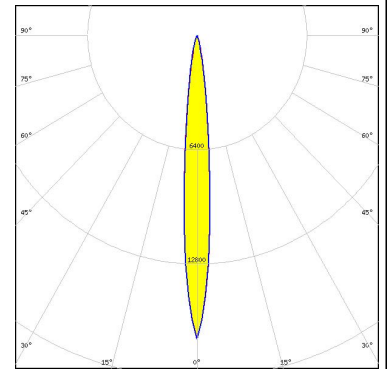


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

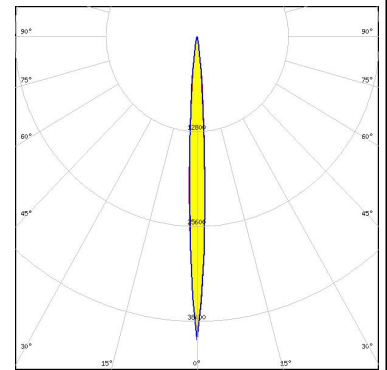
LED OSCONIQ P 3737 Flat
FWHM / FWTM 10.0° / 23.0°
Efficiency 93 %
Peak intensity 17 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

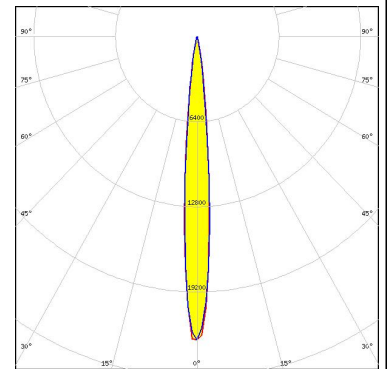
LED OSLON Black Flat
FWHM / FWTM 6.2° / 15.0°
Efficiency 92 %
Peak intensity 40.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

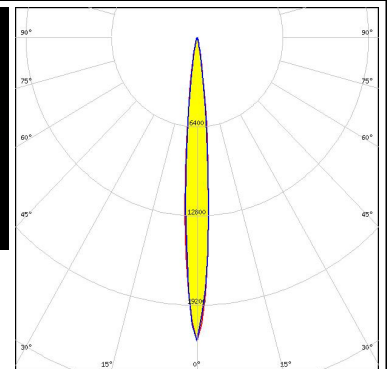
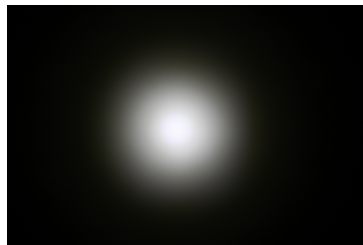
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 9.6° / 19.0°
Efficiency 92 %
Peak intensity 22.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

LED OSLON Square Flat
FWHM / FWTM 9.1° / 20.0°
Efficiency 91 %
Peak intensity 21.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

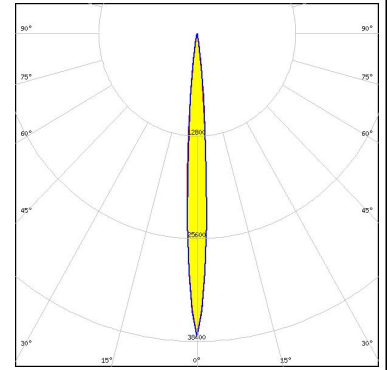


OPTICAL RESULTS (SIMULATED):

OSRAM

Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 8.0° / 16.0°
Efficiency 93 %
Peak intensity 37.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



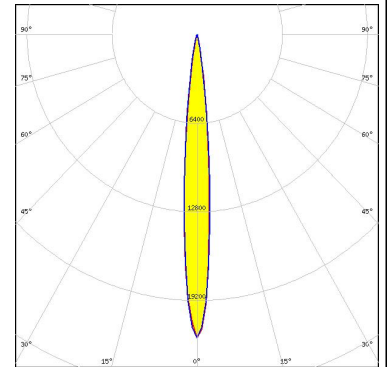
OSRAM

Opto Semiconductors

LED SFH 4770S
FWHM / FWTM 8.0° / 23.0°
Efficiency 85 %
LEDs/each optic 1
Light colour White
Required components:

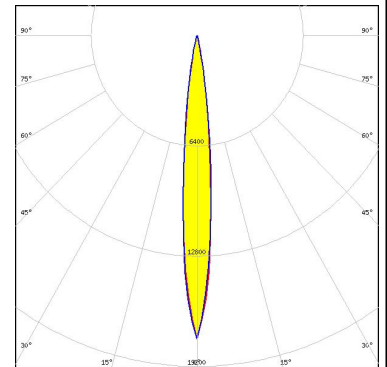
SAMSUNG

LED LH351A
FWHM / FWTM 10.0° / 20.0°
Efficiency 92 %
Peak intensity 21.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

LED LH351B
FWHM / FWTM 10.0° / 22.0°
Efficiency 92 %
Peak intensity 17.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



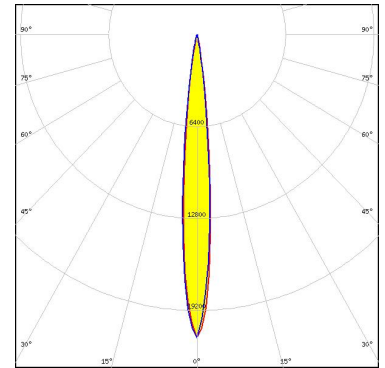
OPTICAL RESULTS (SIMULATED):

SAMSUNG

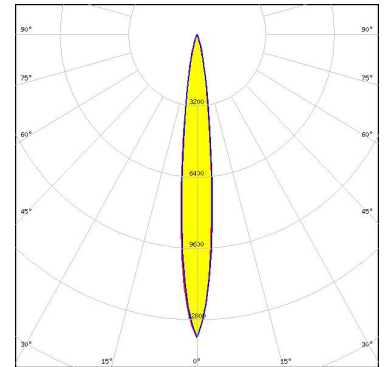
LED LH351D
FWHM / FWTM 16.0° / 30.0°
Efficiency 90 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



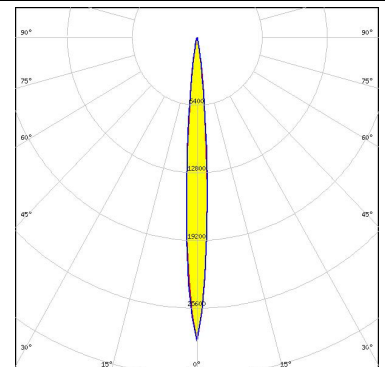
LED Z5M1/Z5M2
FWHM / FWTM 10.0° / 20.0°
Efficiency 93 %
Peak intensity 21.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



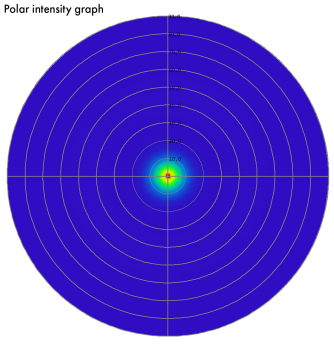
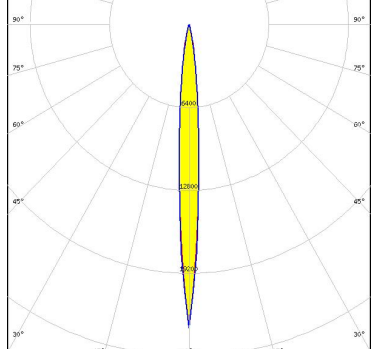
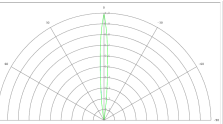
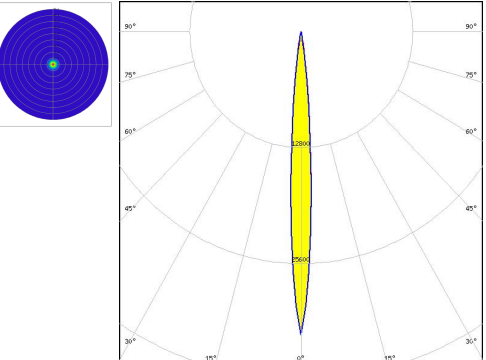
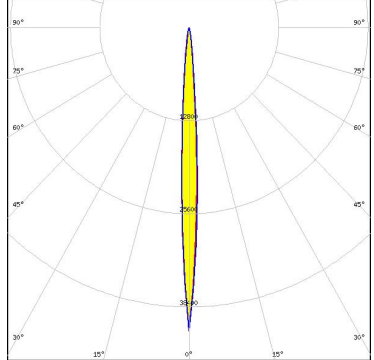
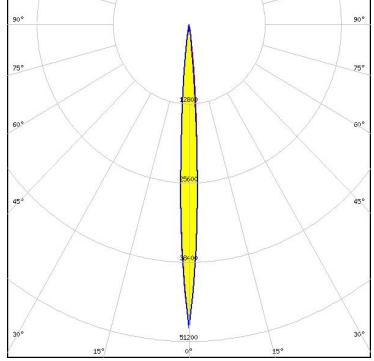
LED Z5M4
FWHM / FWTM 12.0° / 26.0°
Efficiency 94 %
Peak intensity 13.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z5P
FWHM / FWTM 8.0° / 17.0°
Efficiency 92 %
Peak intensity 28.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



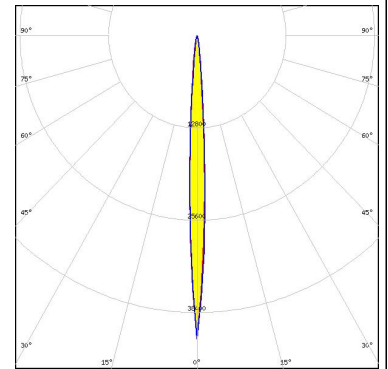
OPTICAL RESULTS (SIMULATED):

 LED FWR1107MS FWHM / FWTM 8.0° / 21.0° Efficiency 91 % LEDs/each optic 1 Light colour IR Required components:	 
 LED FWR1108MS FWHM / FWTM 8.0° / 16.0° Efficiency 93 % LEDs/each optic 1 Light colour IR Required components:	 
 LED MFN1107MS FWHM / FWTM 6.0° / 14.0° Efficiency 89 % Peak intensity 41.7 cd/lm LEDs/each optic 1 Light colour IR Required components:	
 LED MFN1108MS FWHM / FWTM 6.0° / 14.0° Efficiency 91 % Peak intensity 49 cd/lm LEDs/each optic 1 Light colour IR Required components:	

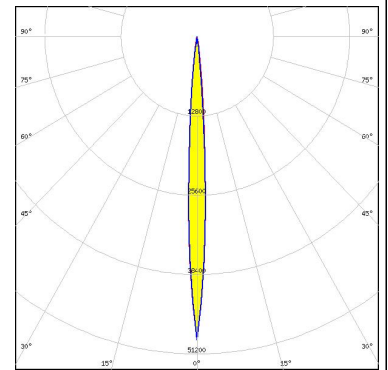
OPTICAL RESULTS (SIMULATED):



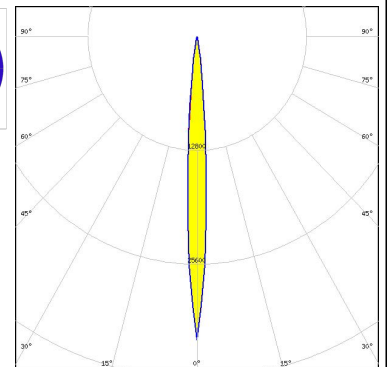
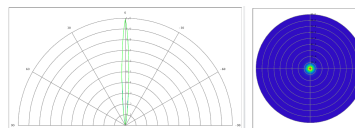
LED MGN1107MS
FWHM / FWTM 6.0° / 14.0°
Efficiency 89 %
Peak intensity 42.1 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



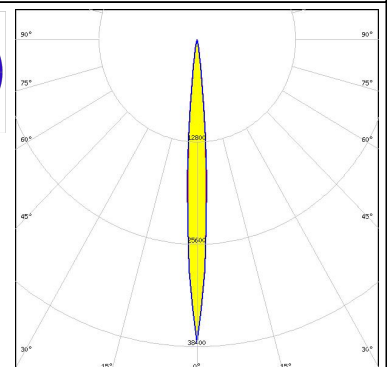
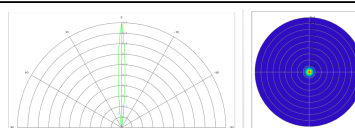
LED MGN1108MS
FWHM / FWTM 6.0° / 14.0°
Efficiency 91 %
Peak intensity 48.9 cd/lm
LEDs/each optic 1
Light colour IR
Required components:



LED MJN1107MS
FWHM / FWTM 7.0° / 16.0°
Efficiency 93 %
LEDs/each optic 1
Light colour IR
Required components:



LED MJN1108MS
FWHM / FWTM 7.0° / 15.0°
Efficiency 94 %
LEDs/each optic 1
Light colour IR
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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The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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