

IRIS-SCREW

~5° real spot beam with holder optimized for CREE XP-E. Assembly with screws.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 38.0 mm
Height	26.9 mm
Fastening	glue, pin, screw
ROHS compliant	yes ⓘ

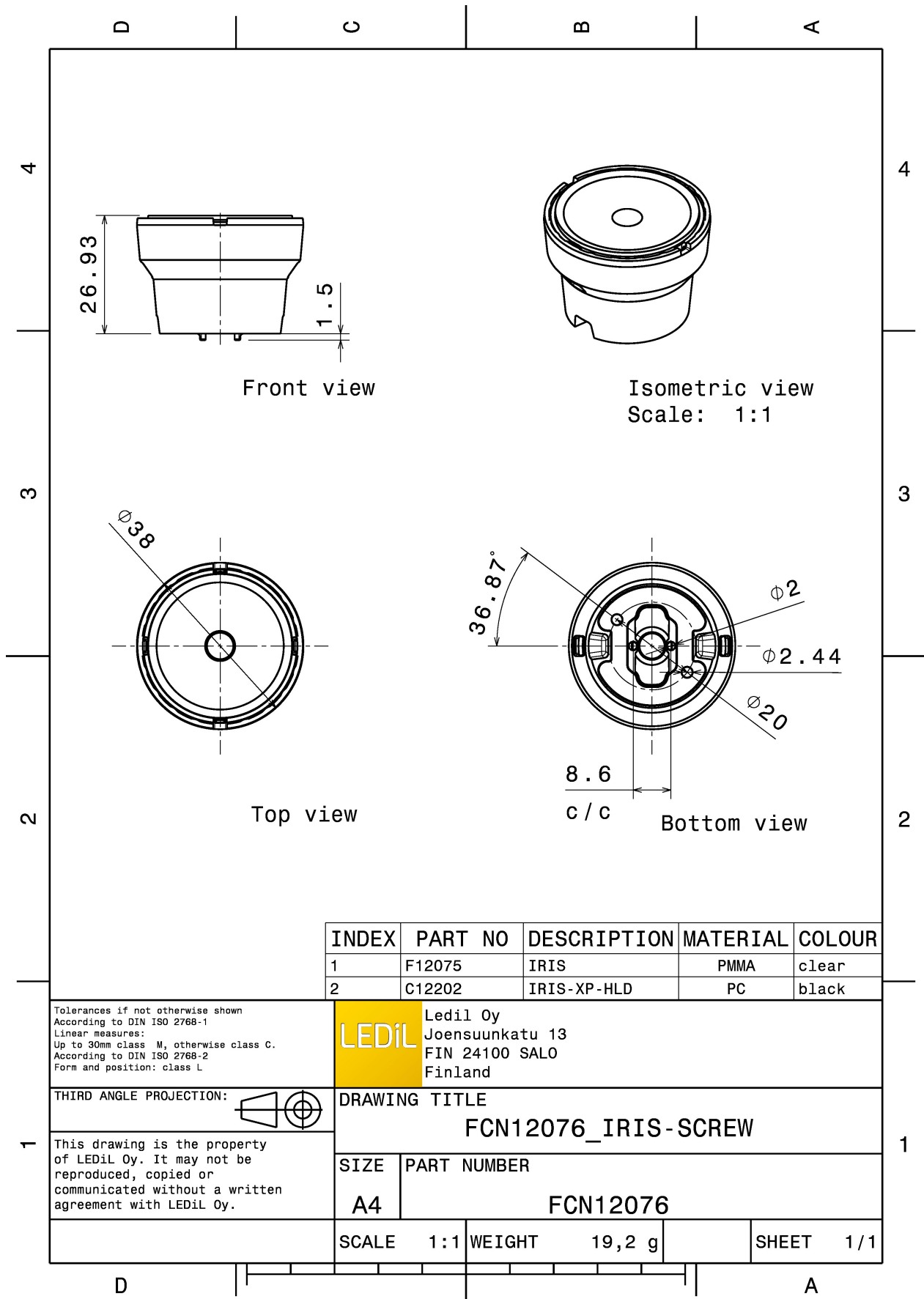


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
IRIS	Single lens	PMMA	clear	
IRIS-XP-HLD	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCN12076_IRIS-SCREW	Single lens	360		90	0.0
» Box size:					

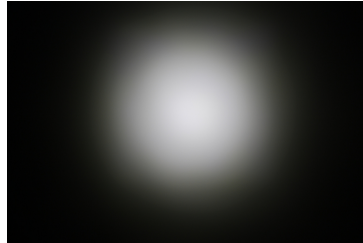


See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

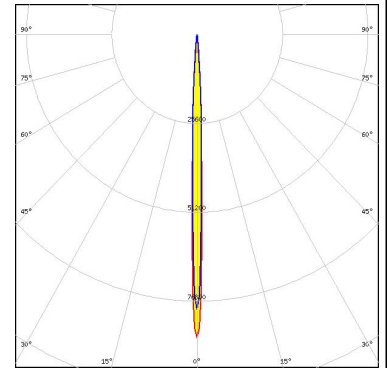
CREE LED

LED XHP35 HI
FWHM / FWTM 7.6° / 17.0°
Efficiency 90 %
Peak intensity 35.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



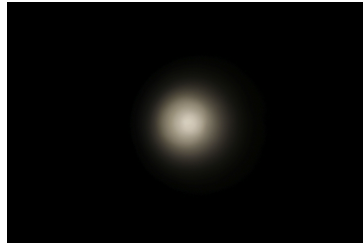
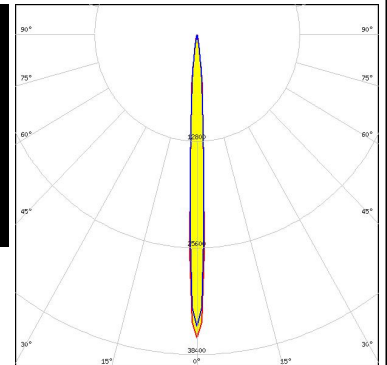
CREE LED

LED XP-E
FWHM / FWTM 4.0° / 9.0°
Efficiency 93 %
Peak intensity 87.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



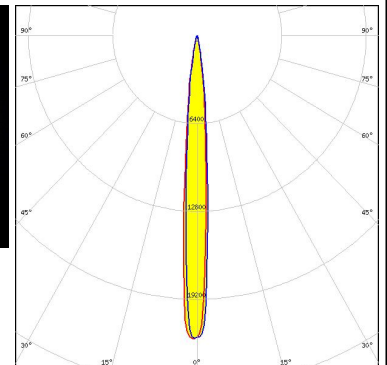
CREE LED

LED XP-G
FWHM / FWTM 5.0° / 13.0°
Efficiency 93 %
Peak intensity 52 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE LED

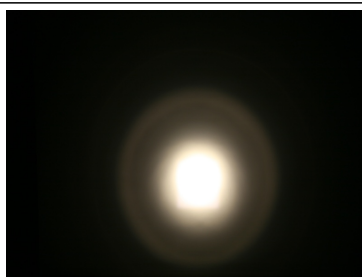
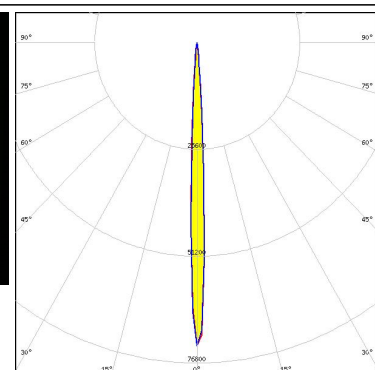
LED XP-L HD
FWHM / FWTM 8.5° / 20.0°
Efficiency 93 %
Peak intensity 22.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



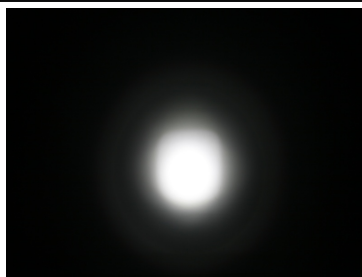
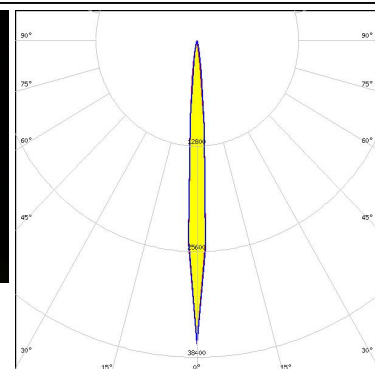
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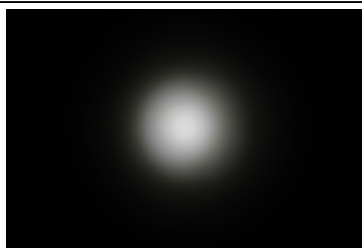
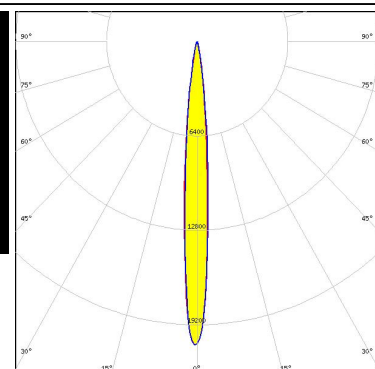
LED LUXEON Rebel
FWHM / FWTM 5.0° / 9.0°
Efficiency 93 %
Peak intensity 75.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



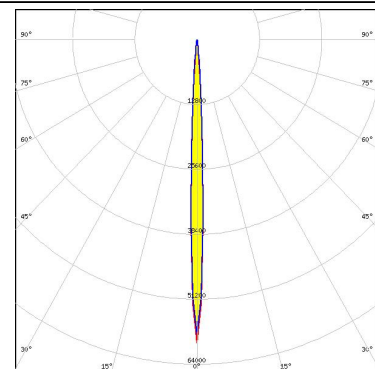
LED LUXEON Rebel ES
FWHM / FWTM 7.0° / 14.0°
Efficiency 93 %
Peak intensity 38.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON V
FWHM / FWTM 9.0° / 20.0°
Efficiency 92 %
Peak intensity 20.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



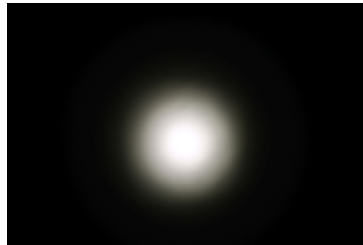
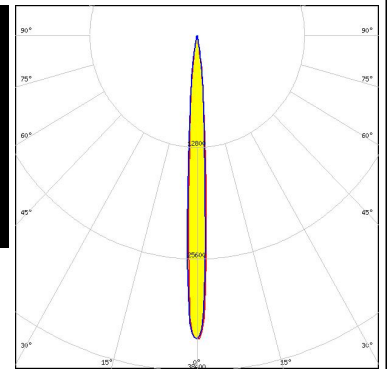
LED NCSxx19A
FWHM / FWTM 5.0° / 11.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:



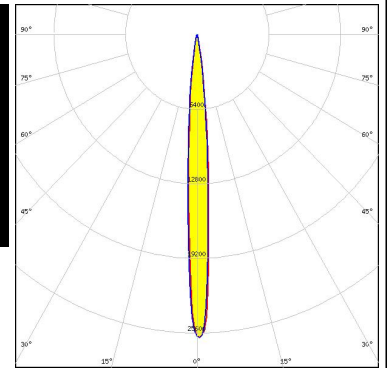
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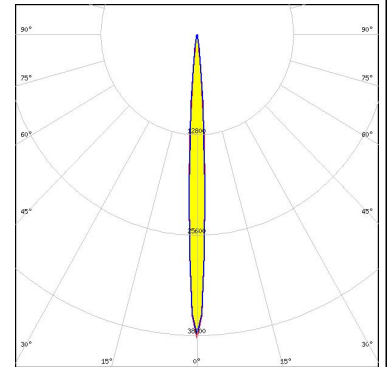
LED NVSW219F
FWHM / FWTM 7.0° / 17.0°
Efficiency 93 %
Peak intensity 34.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



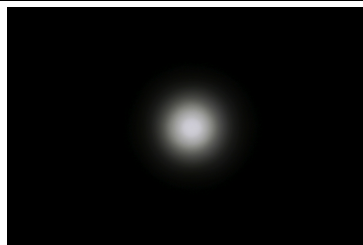
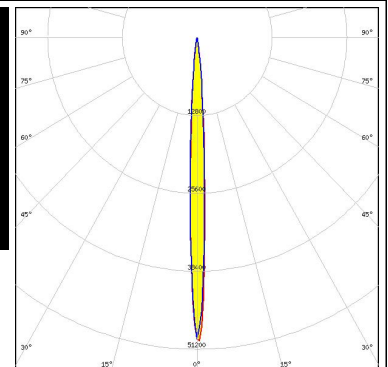
LED NVSW3x9A
FWHM / FWTM 8.0° / 18.0°
Efficiency 90 %
Peak intensity 26.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxx19A
FWHM / FWTM 6.0° / 14.0°
Efficiency 93 %
Peak intensity 38.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 6.0° / 13.0°
Efficiency 94 %
Peak intensity 49.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:

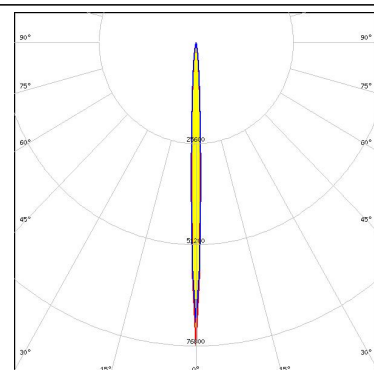


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

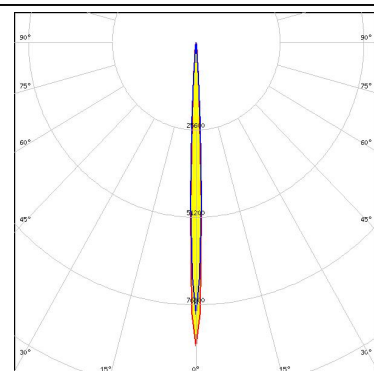
LED OSLON SSL 150
FWHM / FWTM 4.0° / 11.0°
Efficiency 93 %
Peak intensity 76.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

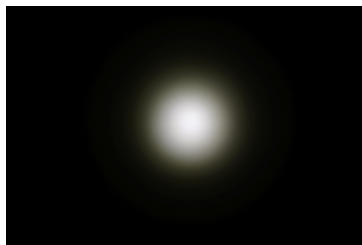
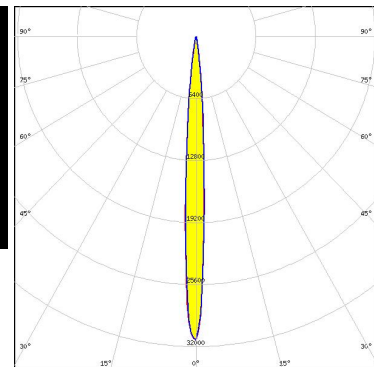
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 4.0° / 9.0°
Efficiency 90 %
Peak intensity 89 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

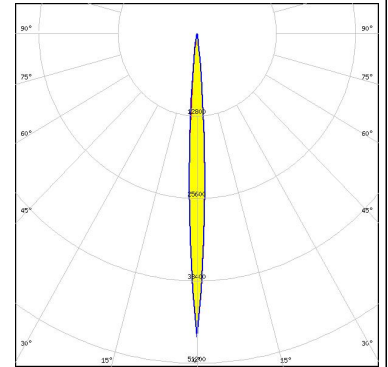
LED Z5M3
FWHM / FWTM 7.0° / 16.0°
Efficiency 92 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



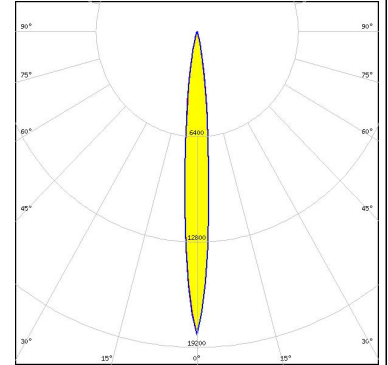
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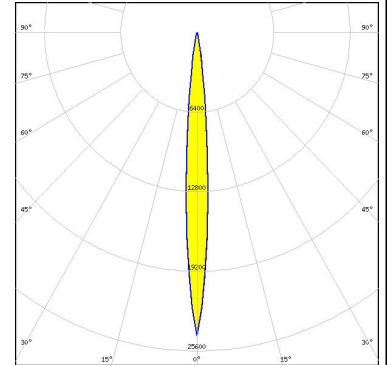
LED XD16
FWHM / FWTM 6.0° / 14.0°
Efficiency 91 %
Peak intensity 47.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



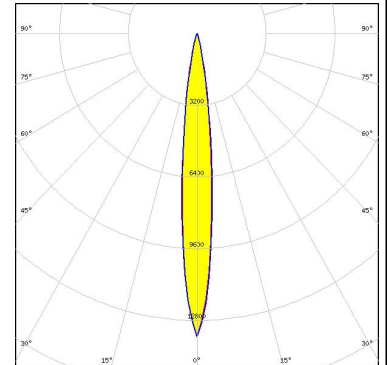
LED XHP35 HD
FWHM / FWTM 10.0° / 22.0°
Efficiency 93 %
Peak intensity 18.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35.2
FWHM / FWTM 8.0° / 18.0°
Efficiency 90 %
Peak intensity 24.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



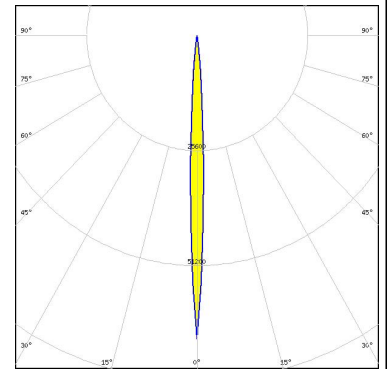
LED XHP35.2
FWHM / FWTM 12.0° / 25.0°
Efficiency 86 %
Peak intensity 13.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



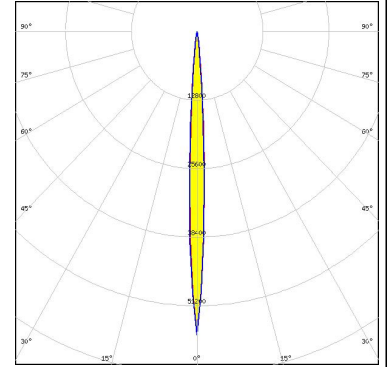
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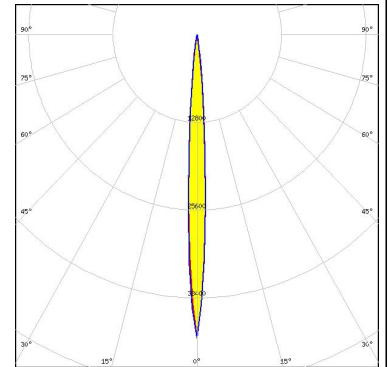
LED XP-E2
 FWHM / FWTM 6.0° / 12.0°
 Efficiency 93 %
 Peak intensity 67.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



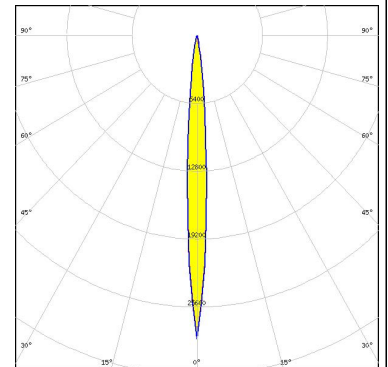
LED XP-E2
 FWHM / FWTM 5.9° / 13.0°
 Efficiency 94 %
 Peak intensity 56.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XP-G2
 FWHM / FWTM 6.7° / 15.0°
 Efficiency 94 %
 Peak intensity 44.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



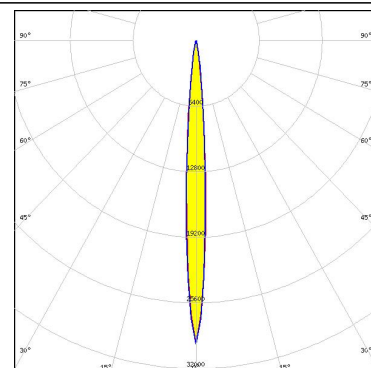
LED XP-G2 HE
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 90 %
 Peak intensity 28.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XP-G3
 FWHM / FWTM 7.5° / 18.0°
 Efficiency 91 %
 Peak intensity 29.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

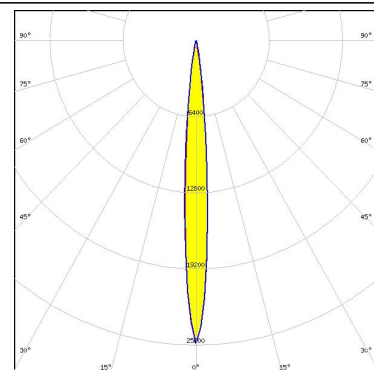


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

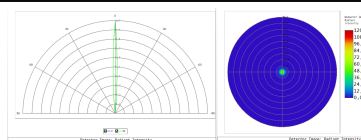
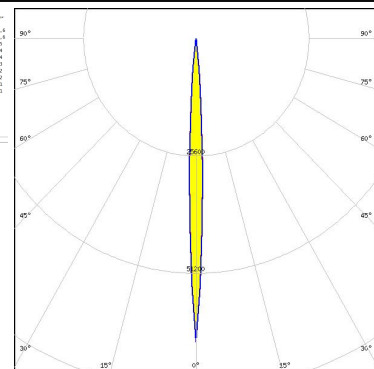
LED OSCONIQ P 3737 (3W version)
FWHM / FWTM 9.0° / 19.0°
Efficiency 94 %
Peak intensity 25.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

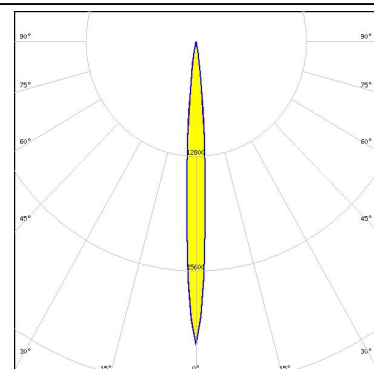
Opto Semiconductors

LED SFH 4716AS
FWHM / FWTM 6.0° / 12.0°
Efficiency 94 %
LEDs/each optic 1
Light colour IR
Required components:



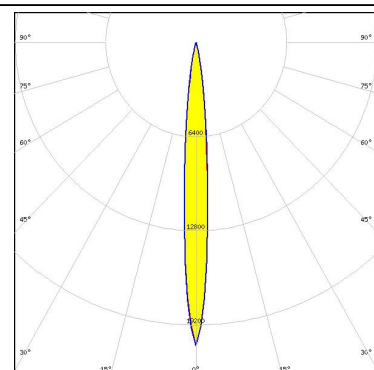
SAMSUNG

LED LH351B
FWHM / FWTM 7.4° / 17.0°
Efficiency 94 %
Peak intensity 33.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

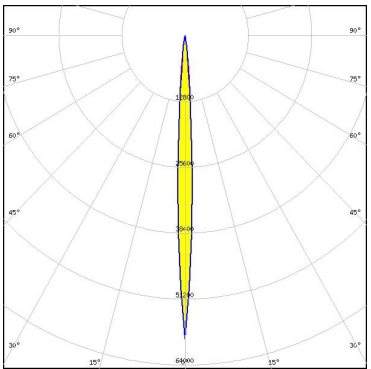
LED LH351D
FWHM / FWTM 9.2° / 21.0°
Efficiency 90 %
Peak intensity 20.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



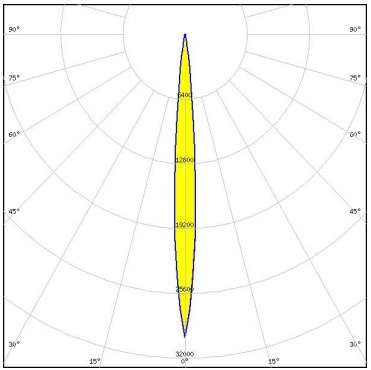
PHOTOMETRIC DATA (SIMULATED):

SAMSUNG

LED LM101B
FWHM / FWTM 6.0° / 12.0°
Efficiency 92 %
Peak intensity 58.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



 SEOUL SEMICONDUCTOR
LED Z8Y22P
FWHM / FWTM 8.0°
Efficiency 98 %
Peak intensity 29.9 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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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