

FLORENTINA-HLD-RS

~10° real spot beam

TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	9.5 mm
Fastening	clips
ROHS compliant	yes ⓘ

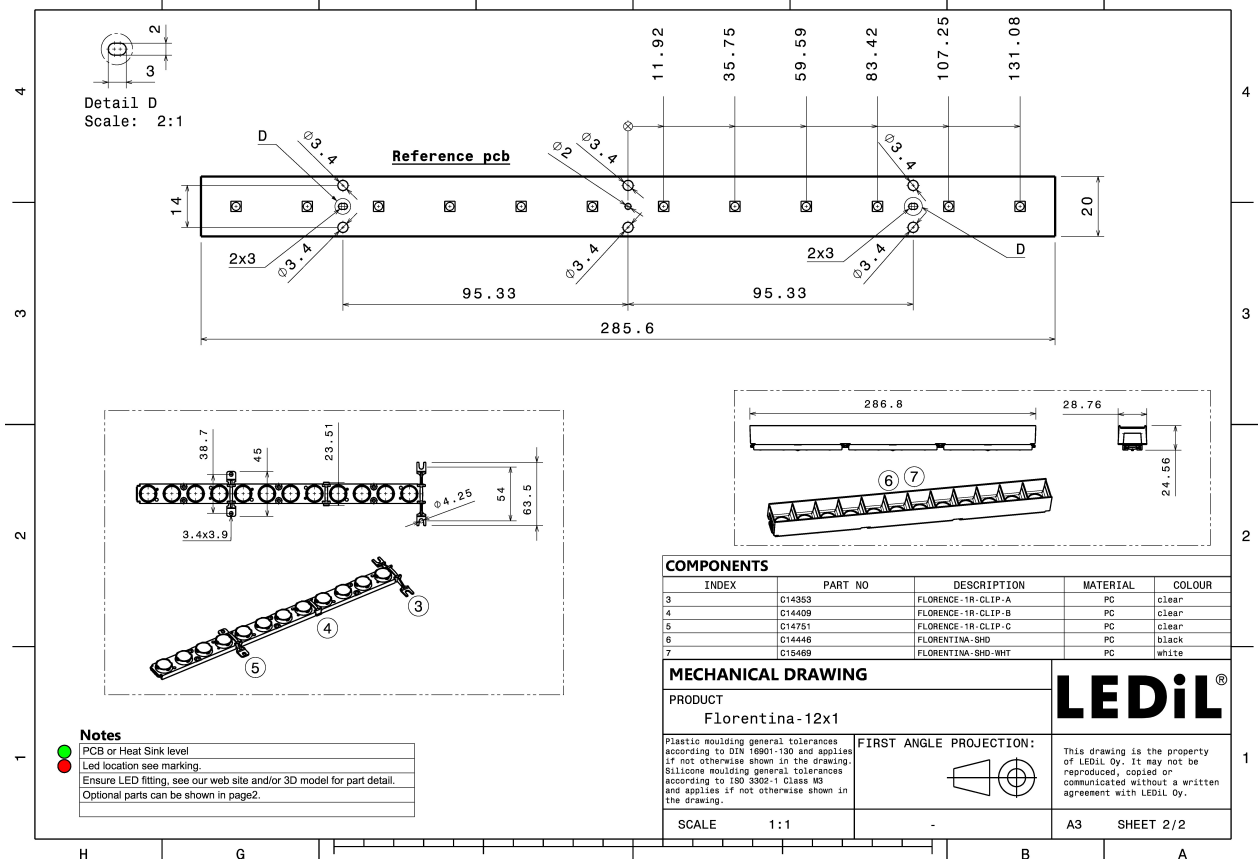
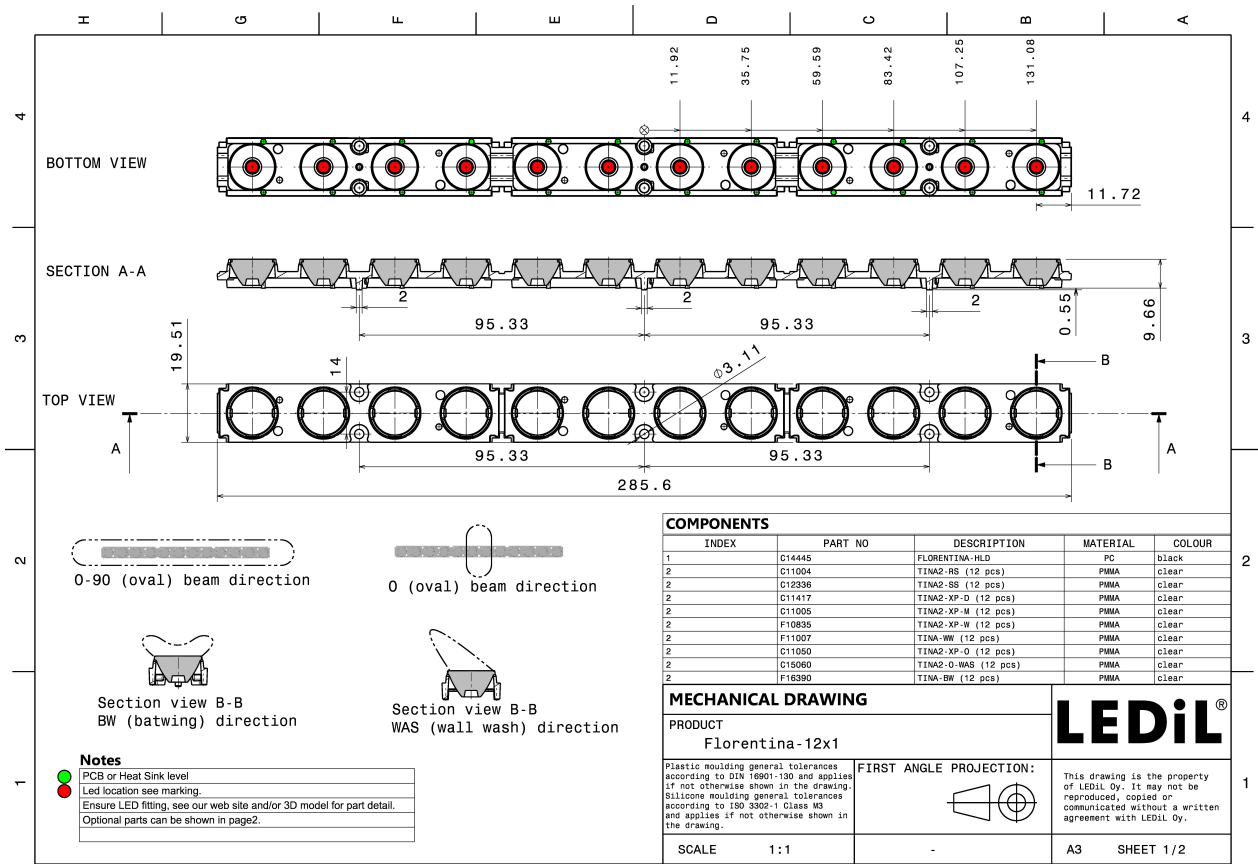
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA2-RS	Single lens	PMMA	clear	
FLORENTINA-HLD	Holder	PC	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP14866_FLORENTINA-HLD-RS	Single lens	160	32	16	5.2
» Box size: 398 x 298 x 140 mm					



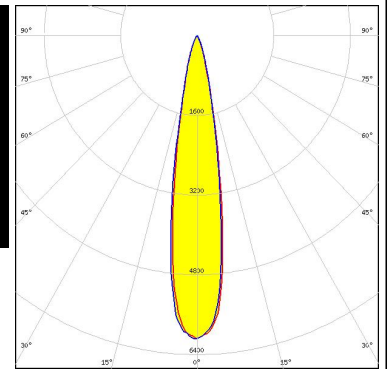


See also our general installation guide: www.ledil.com/installation_guide

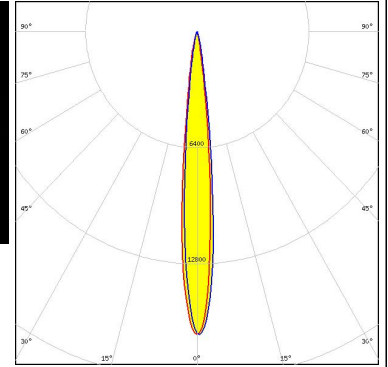
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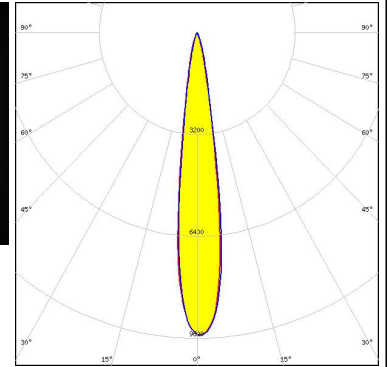
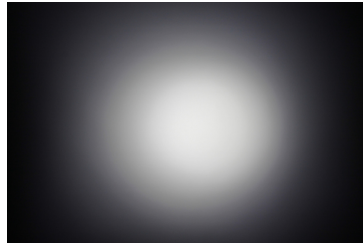
LED QUICK FLUX LED FL-XG 1x12 xxx
 FWHM / FWTM 18.0° / 35.0°
 Efficiency 84 %
 Peak intensity 6.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



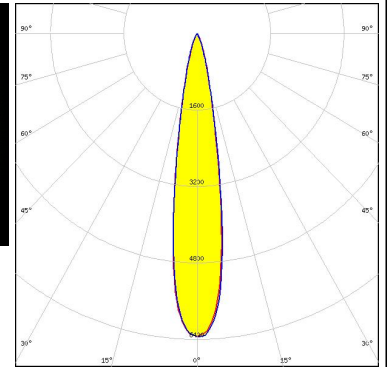
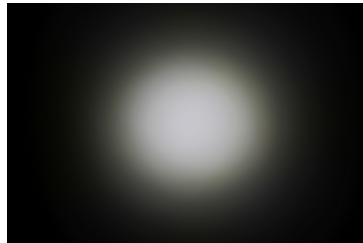
LED XP-E2
 FWHM / FWTM 11.0° / 21.0°
 Efficiency 84 %
 Peak intensity 16.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED XP-G2
 FWHM / FWTM 15.0° / 28.0°
 Efficiency 86 %
 Peak intensity 9.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



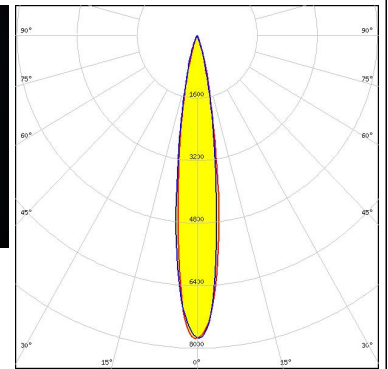
LED XP-G3
 FWHM / FWTM 18.0° / 35.0°
 Efficiency 84 %
 Peak intensity 6.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



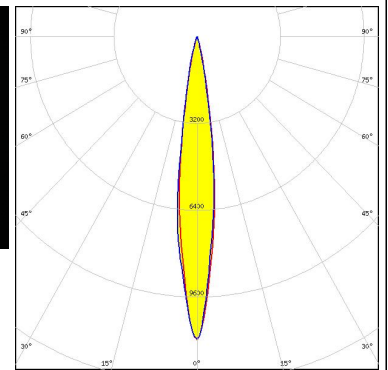
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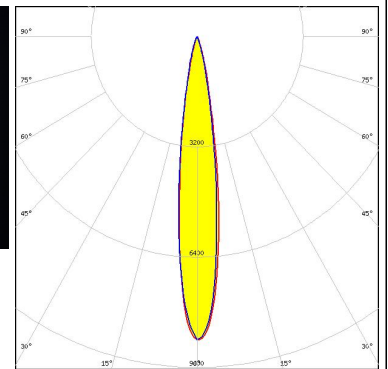
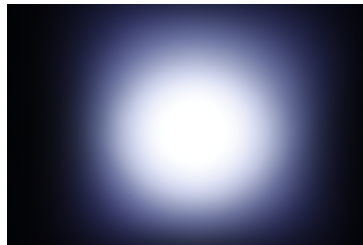
LED LUXEON Rebel ES
FWHM / FWTM 16.0° / 32.0°
Efficiency 82 %
Peak intensity 7.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



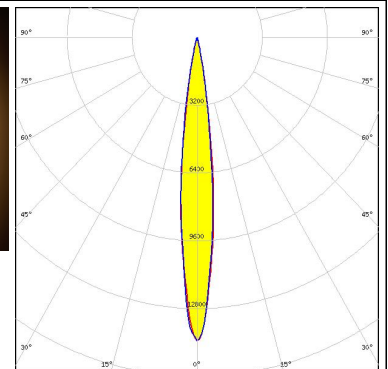
LED LUXEON Rebel Plus
FWHM / FWTM 14.0° / 26.0°
Efficiency 82 %
Peak intensity 11.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED LUXEON TX
FWHM / FWTM 15.0° / 30.0°
Efficiency 83 %
Peak intensity 8.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



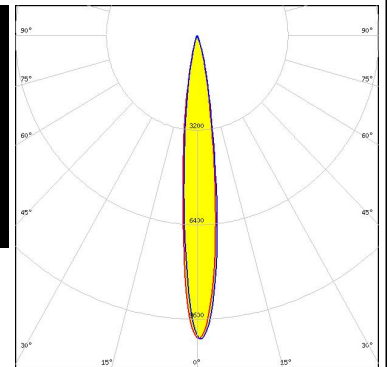
LED LUXEON Z ES
FWHM / FWTM 13.0° / 24.0°
Efficiency 84 %
Peak intensity 14.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



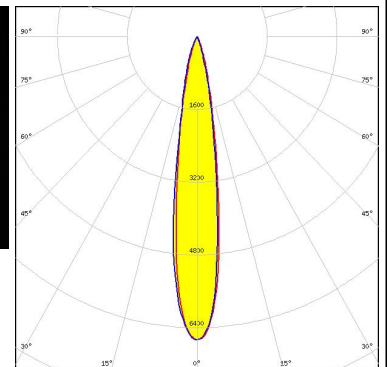
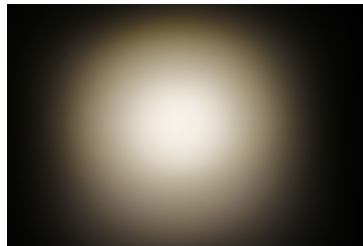
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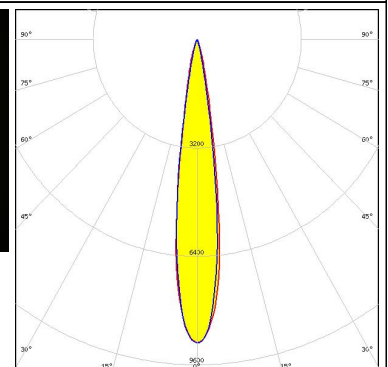
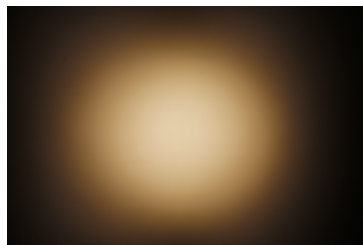
LED NCSxx19B
FWHM / FWTM 13.0° / 28.0°
Efficiency 80 %
Peak intensity 10.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



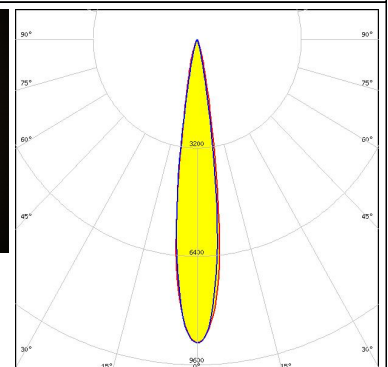
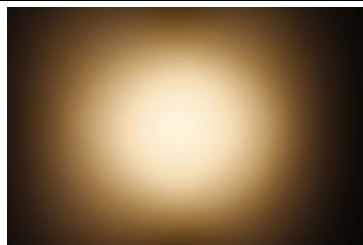
LED NVSxx19B/NVSxx19C
FWHM / FWTM 16.0° / 34.0°
Efficiency 79 %
Peak intensity 6.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED OSLON Square EC
FWHM / FWTM 15.0° / 28.0°
Efficiency 81 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED OSLON Square EC
FWHM / FWTM 15.0° / 28.0°
Efficiency 81 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD

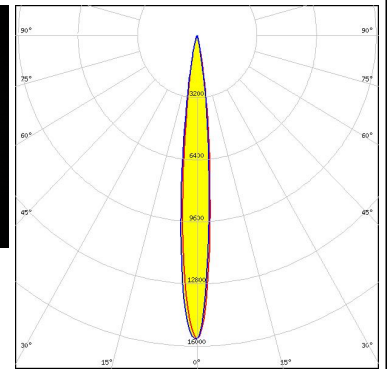


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

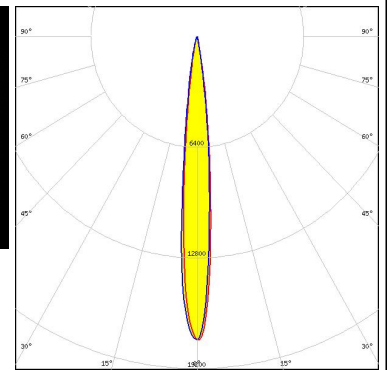
LED OSLON SSL 150
FWHM / FWTM 11.0° / 22.0°
Efficiency 84 %
Peak intensity 15.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

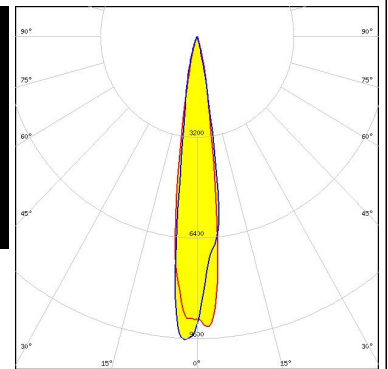
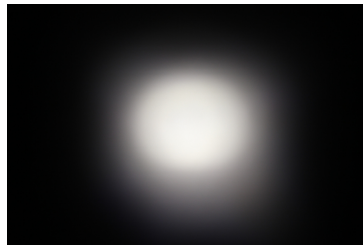
LED OSLON SSL 150
FWHM / FWTM 11.0° / 21.0°
Efficiency 82 %
Peak intensity 17.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



OSRAM

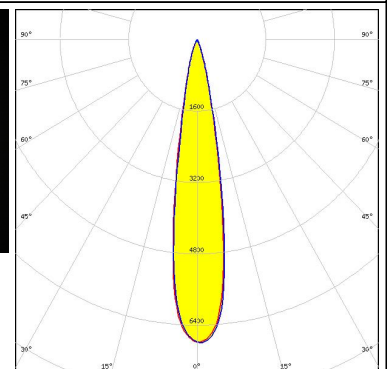
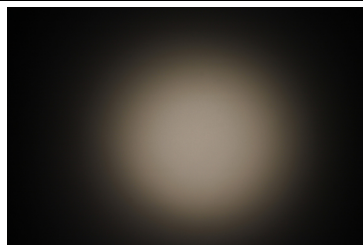
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 15.0° / 28.0°
Efficiency 82 %
Peak intensity 9.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



SAMSUNG

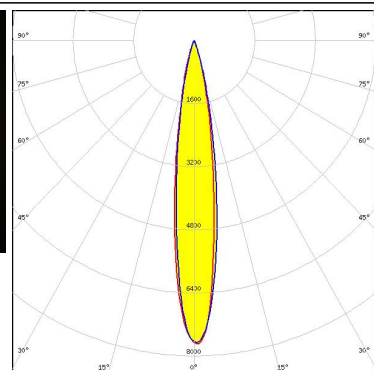
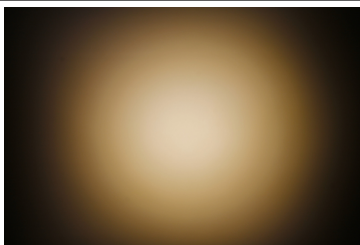
LED LH351B
FWHM / FWTM 18.0° / 33.0°
Efficiency 84 %
Peak intensity 6.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

TOSHIBA Leading Innovation >>>

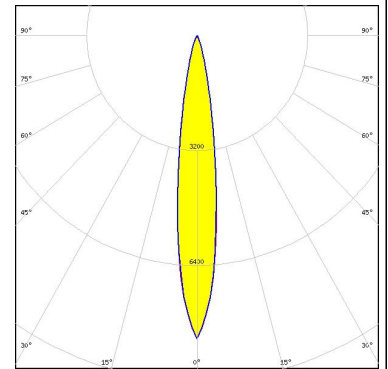
LED TL1L4
FWHM / FWTM 16.0° / 33.0°
Efficiency 82 %
Peak intensity 7.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



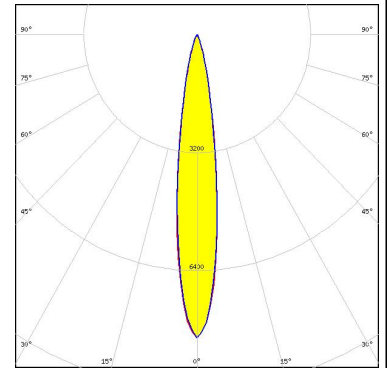
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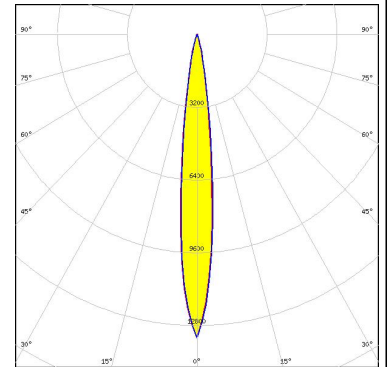
LED J Series 3030
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 88 %
 Peak intensity 8.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



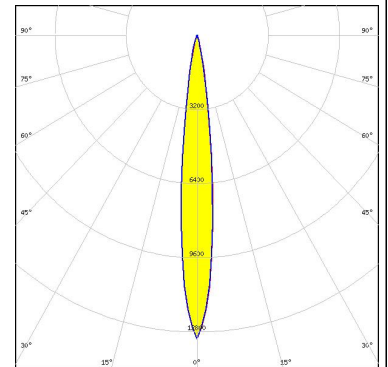
LED J Series 3030
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 91 %
 Peak intensity 8.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XB-D
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 90 %
 Peak intensity 13.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



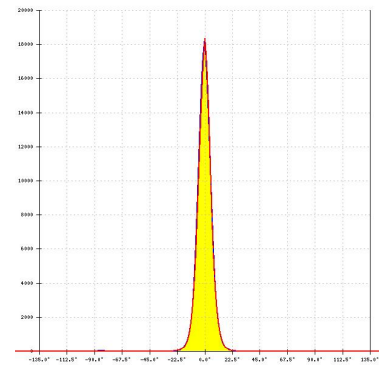
LED XD16
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 89 %
 Peak intensity 13.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



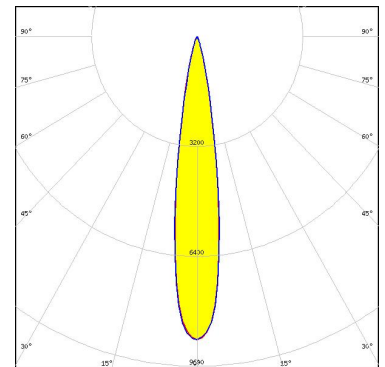
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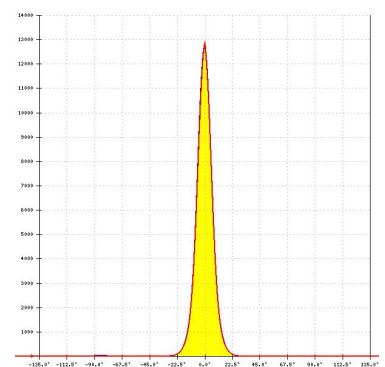
LED NCSxE17A
FWHM / FWTM 11.0° / 22.0°
Efficiency 88 %
Peak intensity 22.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



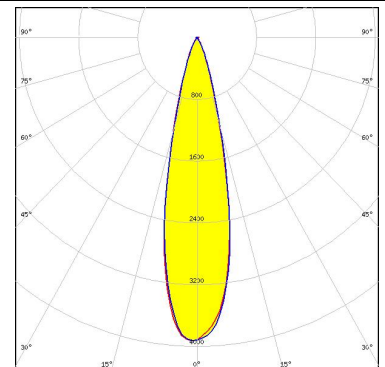
LED NVSU119C
FWHM / FWTM 16.0° / 30.0°
Efficiency 92 %
LEDs/each optic 1
Light colour UV-A
Required components:



LED NVSxE21A
FWHM / FWTM 13.0° / 26.0°
Efficiency 88 %
Peak intensity 14.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED NWSx229A
FWHM / FWTM 24.0° / 44.0°
Efficiency 86 %
Peak intensity 4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD

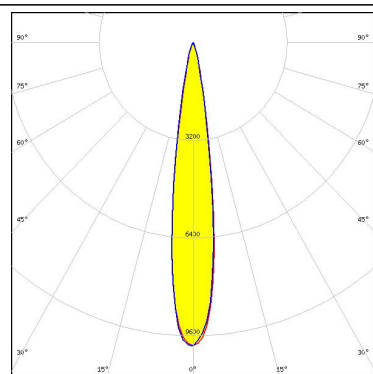


PHOTOMETRIC DATA (SIMULATED):



SEOUL SEMICONDUCTOR

LED	Z5M1/Z5M2
FWHM / FWTM	16.0° / 28.0°
Efficiency	91 %
Peak intensity	9.9 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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