


FLORENTINA-HLD-W

~40° wide beam

TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	9.5 mm
Fastening	screw
ROHS compliant	yes 

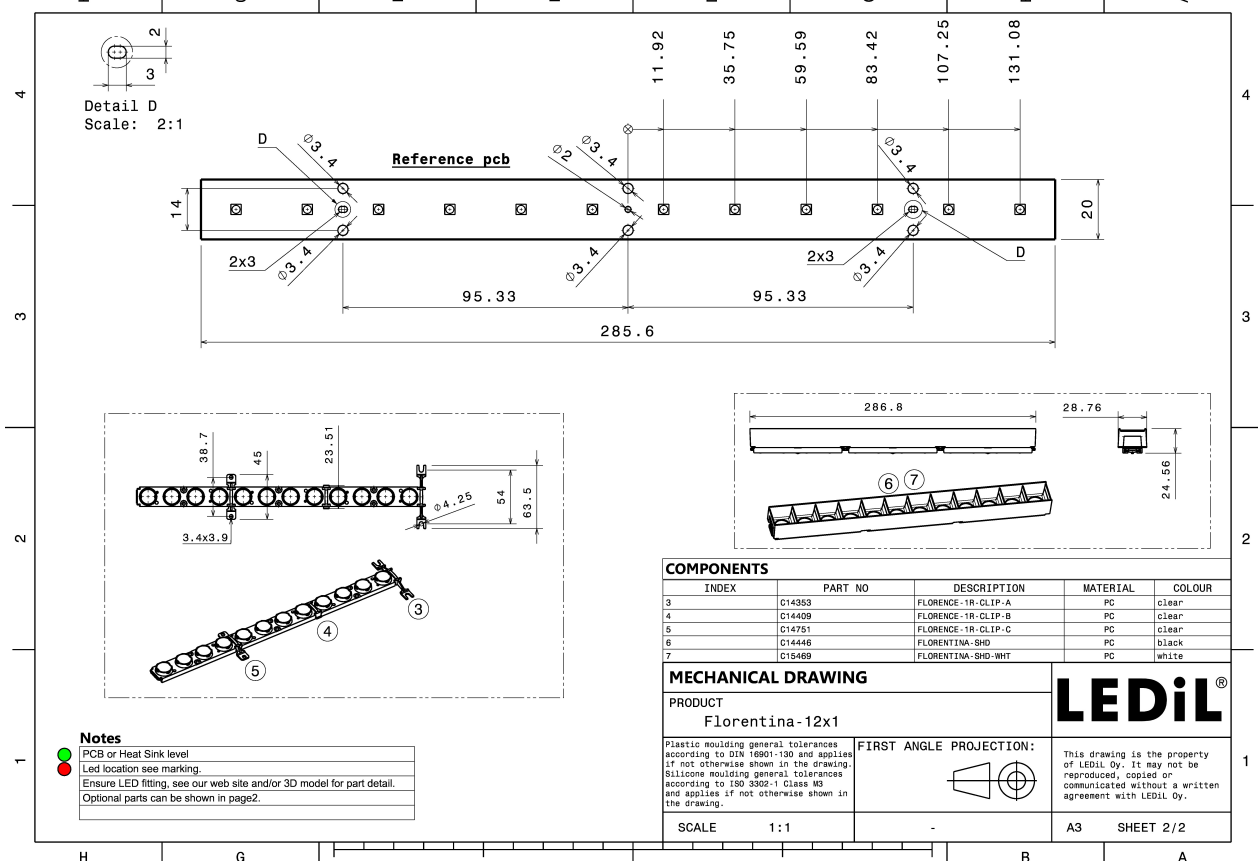
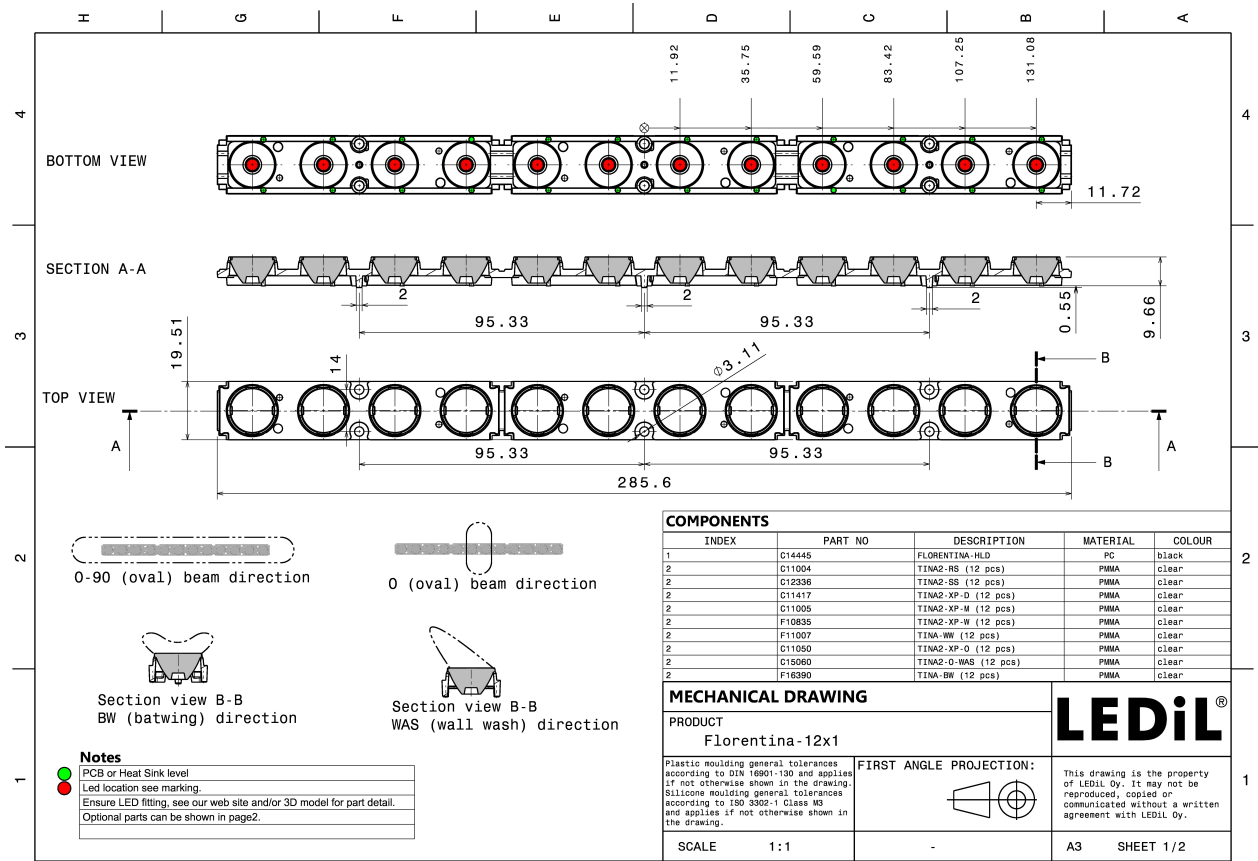
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
TINA-XP-W	Single lens	PMMA	clear	
FLORENTINA-HLD	Holder	PC	black	



ORDERING INFORMATION:

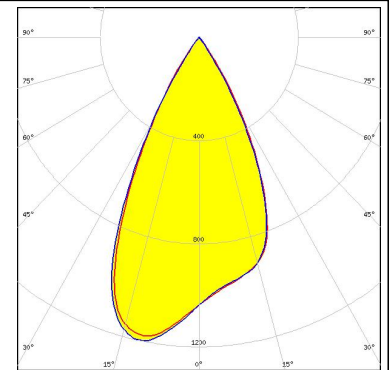
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP14997_FLORENTINA-HLD-W	Single lens	160	32	16	5.2
» Box size: 398 x 298 x 140 mm					



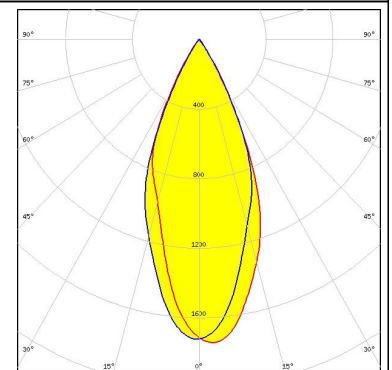
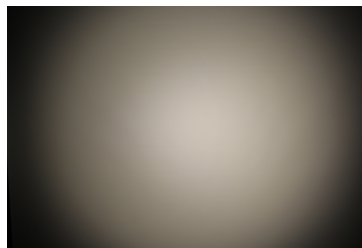
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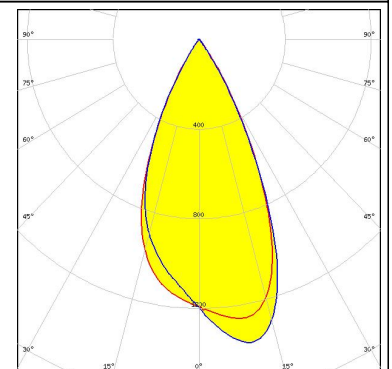
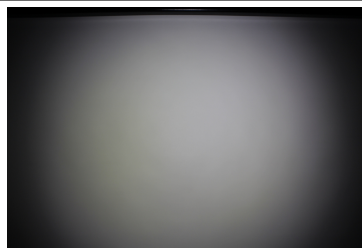
LED QUICK FLUX LED FL-XG 1x12 xxx
 FWHM 51.0°
 Efficiency 80 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



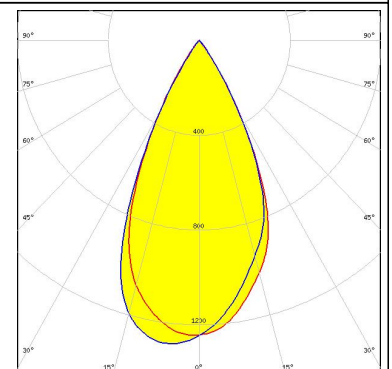
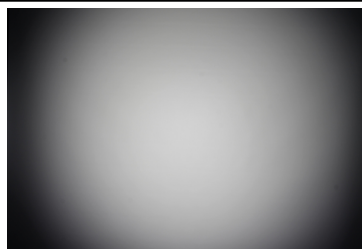
LED XP-E2
 FWHM 42.0°
 Efficiency 84 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED XP-G3
 FWHM 47.0°
 Efficiency 79 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



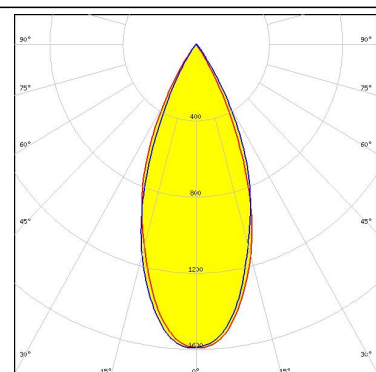
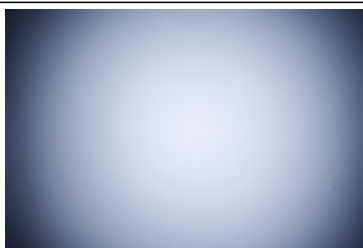
LED H35C1 (LEMWA33)
 FWHM 51.0°
 Efficiency 82 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



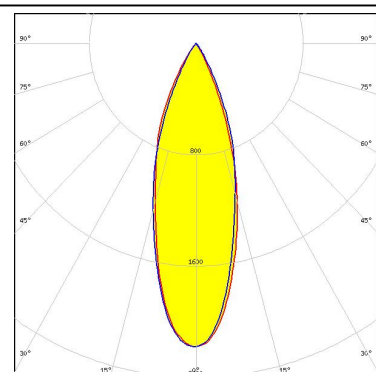
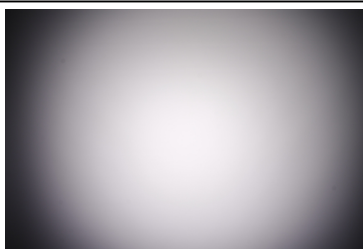
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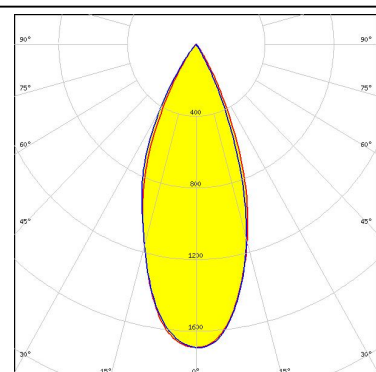
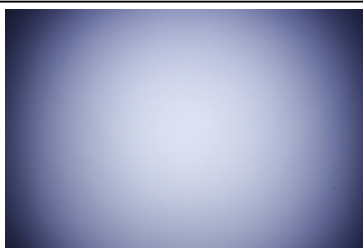
LED LUXEON Rebel ES
FWHM 43.0°
Efficiency 81 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



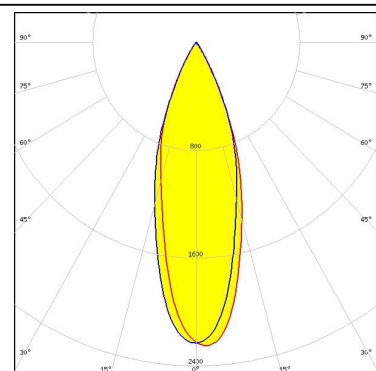
LED LUXEON Rebel Plus
FWHM 33.0°
Efficiency 83 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED LUXEON TX
FWHM 41.0°
Efficiency 82 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



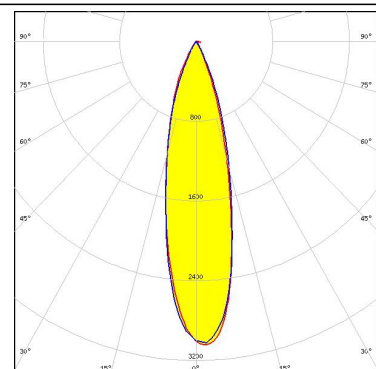
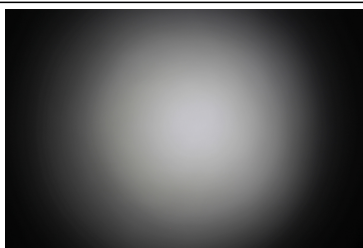
LED LUXEON Z ES
FWHM 33.0°
Efficiency 84 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



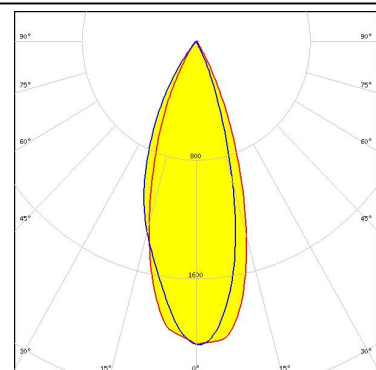
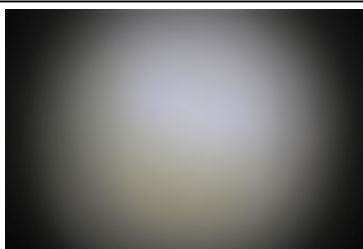
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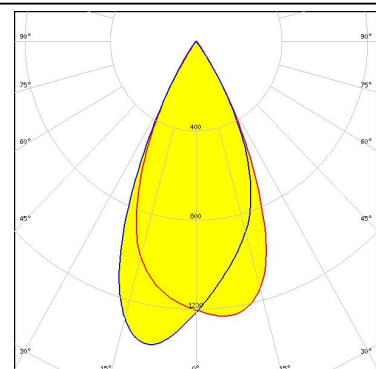
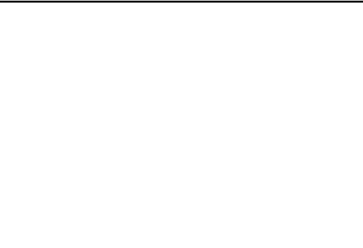
LED NCSxE17A
FWHM 26.0°
Efficiency 81 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



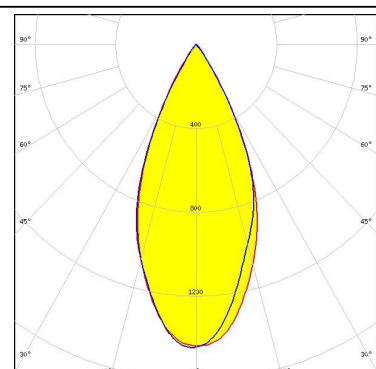
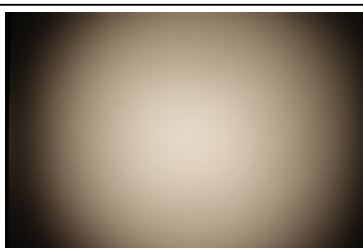
LED NF2x757G
FWHM 36.0°
Efficiency 84 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED NVSxx19B/NVSxx19C
FWHM 48.0°
Efficiency 79 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED OSLOM Square EC
FWHM 46.0°
Efficiency 80 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD

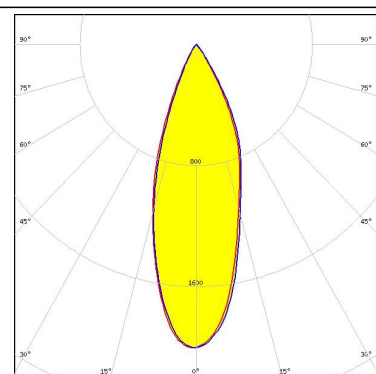
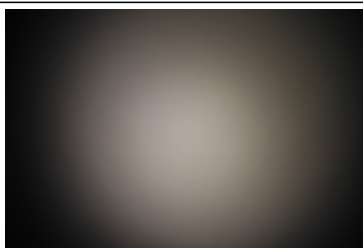


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

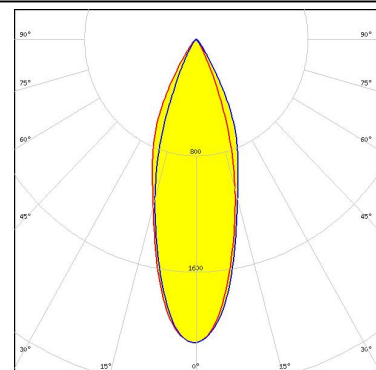
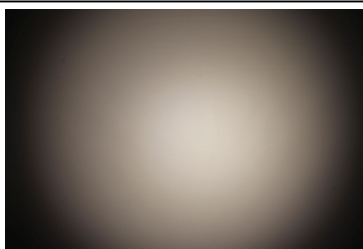
LED OSLON SSL 150
FWHM 34.0°
Efficiency 81 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



OSRAM

Opto Semiconductors

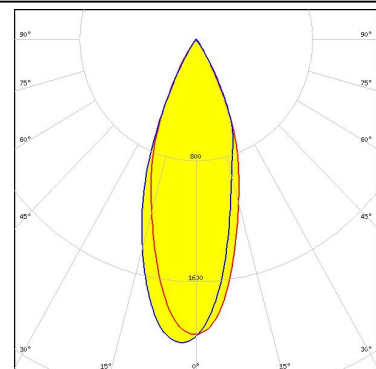
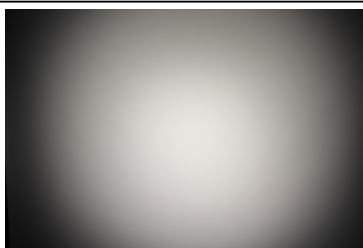
LED OSLON SSL 150
FWHM 33.0°
Efficiency 85 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

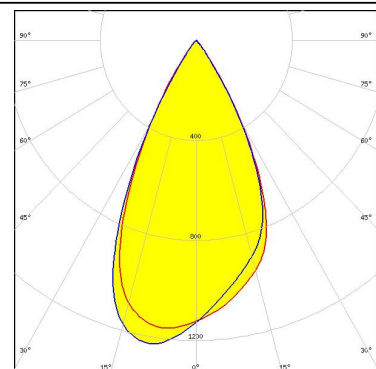
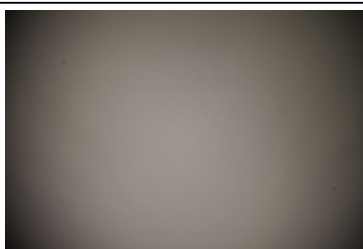
Opto Semiconductors

LED OSLON SSL 80
FWHM 35.0°
Efficiency 83 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



SAMSUNG

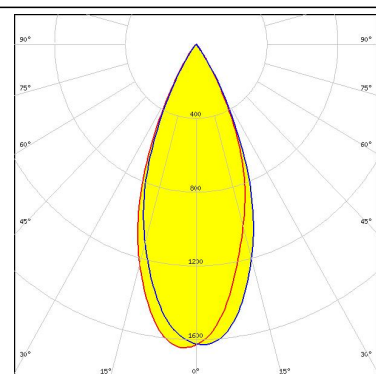
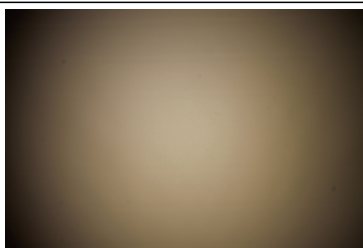
LED LH351B
FWHM 52.0°
Efficiency 82 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

TOSHIBA
Leading Innovation >>>

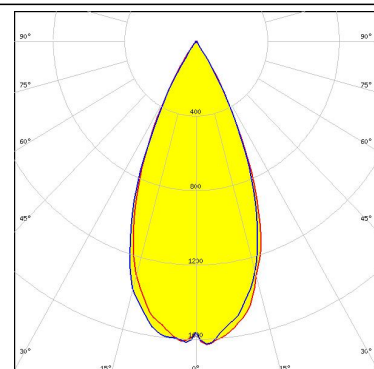
LED TL1L4
FWHM 42.0°
Efficiency 82 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



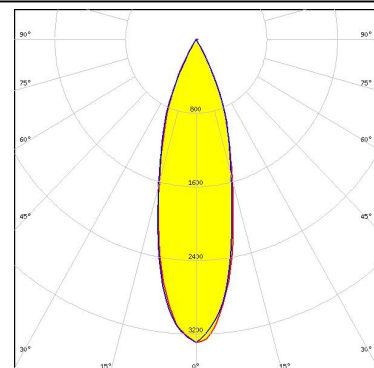
PHOTOMETRIC DATA (SIMULATED):



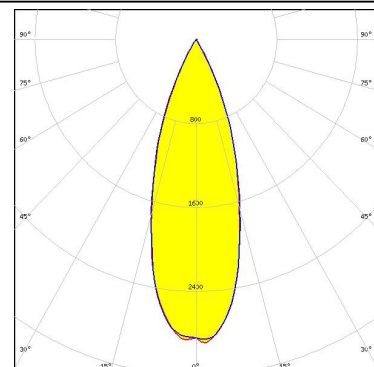
LED XP-G2 HE
FWHM 46.0°
Efficiency 90 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



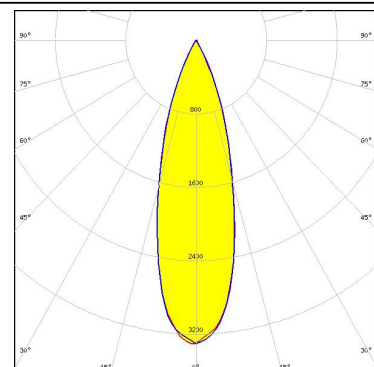
LED NCSxE17A
FWHM 29.0°
Efficiency 94 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED NVSxE21A
FWHM 34.0°
Efficiency 94 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



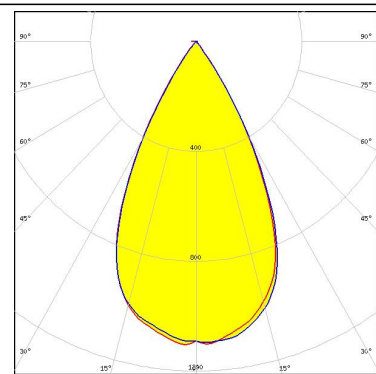
LED NVSxE21A
FWHM 30.0°
Efficiency 94 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED NWSx229A
FWHM 53.0°
Efficiency 82 %
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



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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LEDiL Oy

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Hong Kong, China

Distribution Partners

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