


FLORENTINA-HLD-D

~18° diffused spot beam

TECHNICAL SPECIFICATIONS:

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

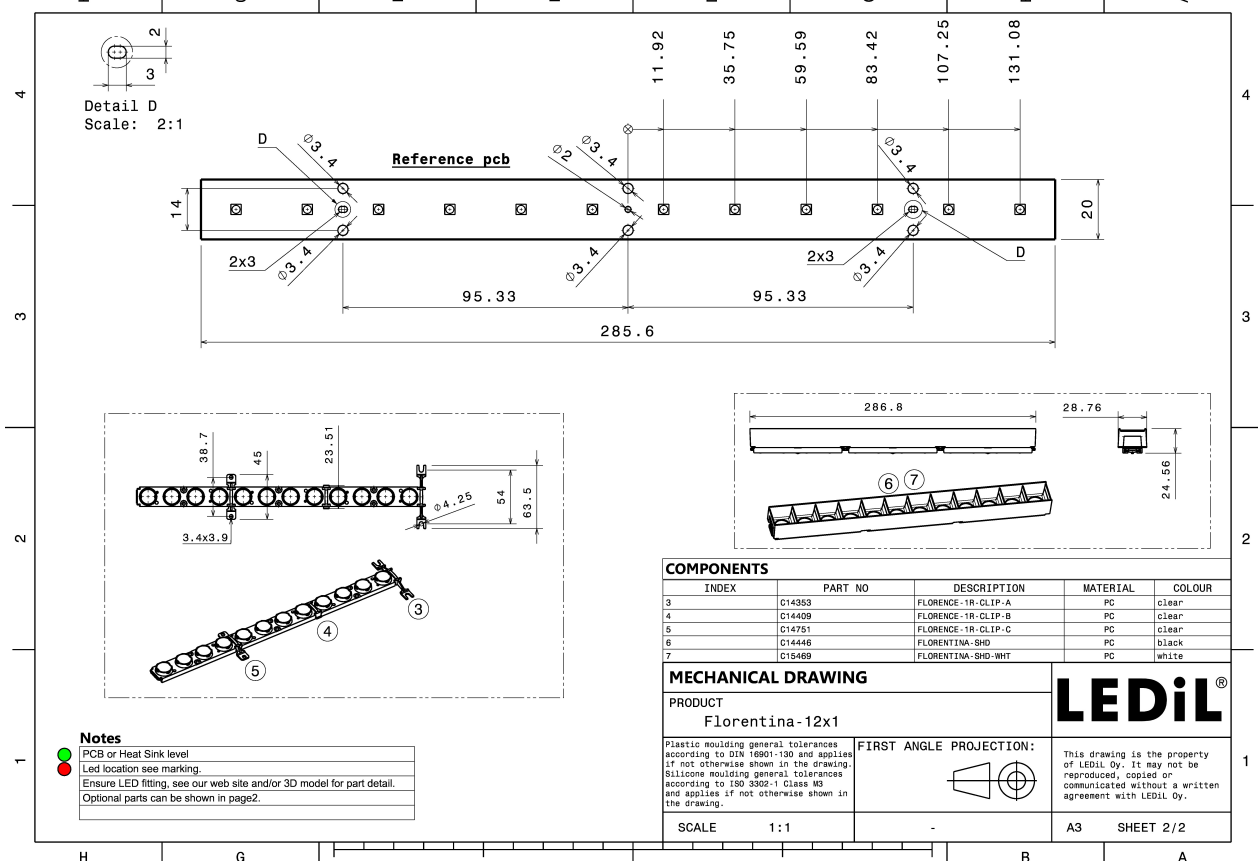
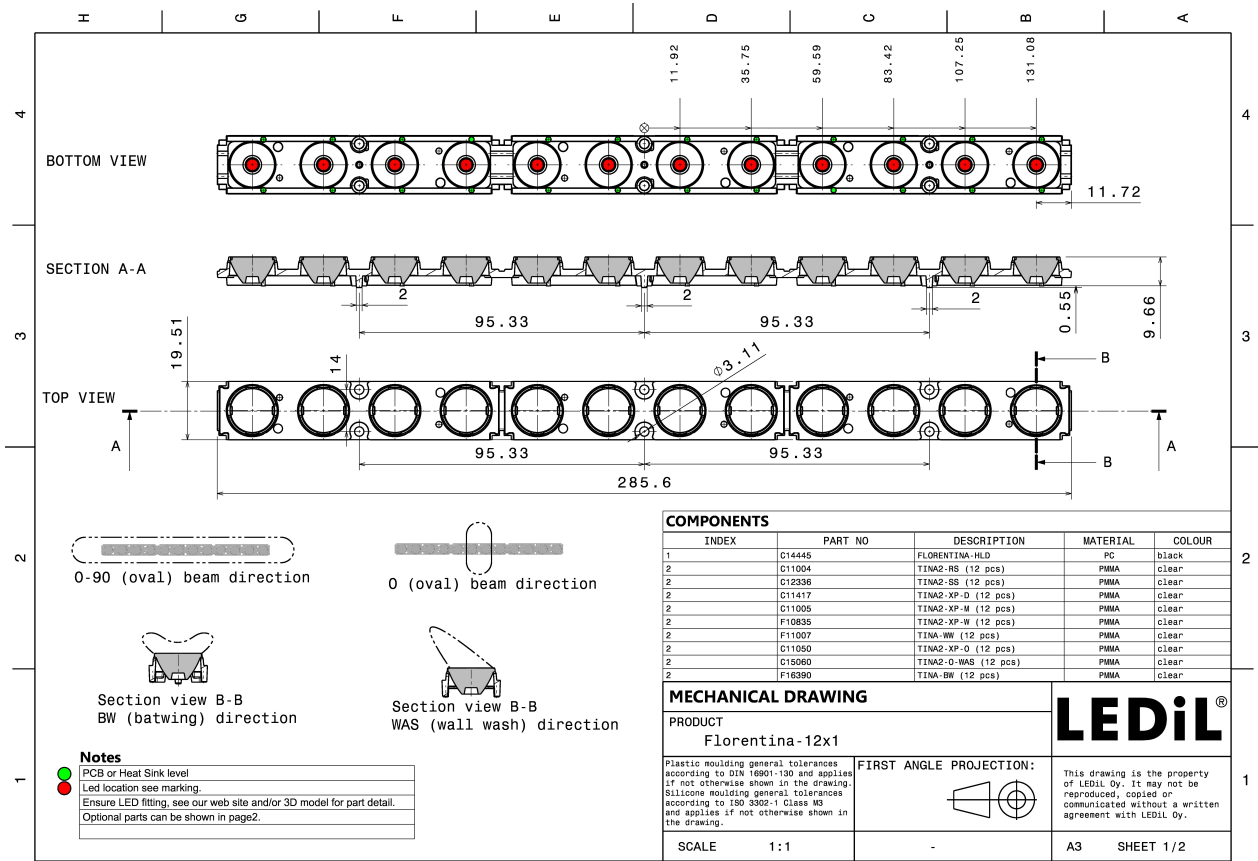
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

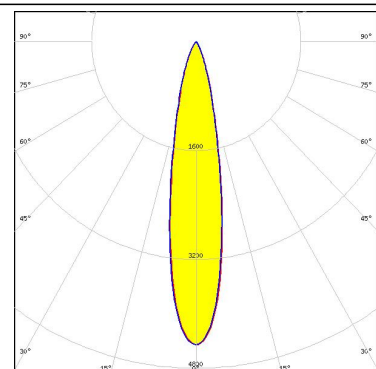
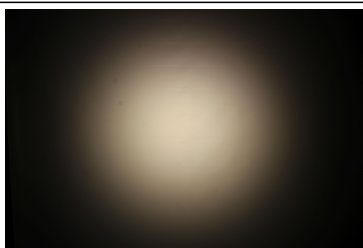
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP14996_FLORENTINA-HLD-D	Single lens	160	32	16	5.2
» Box size: 398 x 298 x 140 mm					



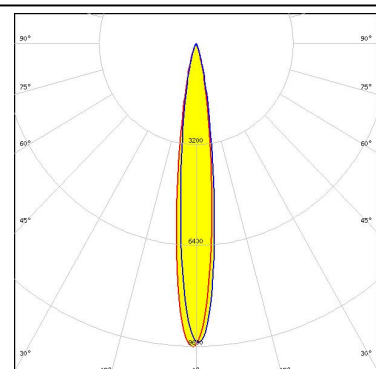
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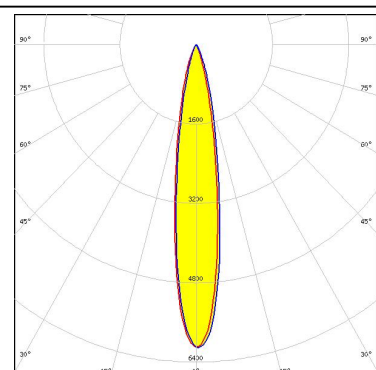
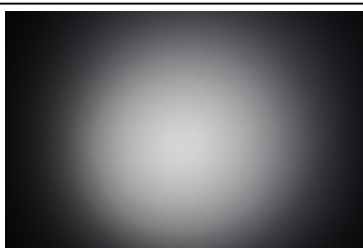
LED QUICK FLUX LED FL-XG 1x12 xxx
 FWHM 20.0°
 Efficiency 81 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



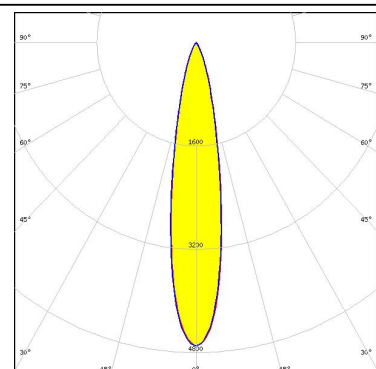
LED XP-E2
 FWHM 13.0°
 Efficiency 84 %
 Peak intensity 9.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED XP-G2
 FWHM 17.0°
 Efficiency 82 %
 Peak intensity 6.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



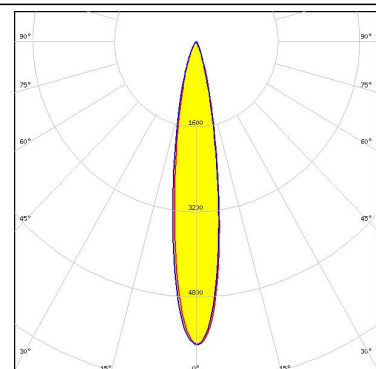
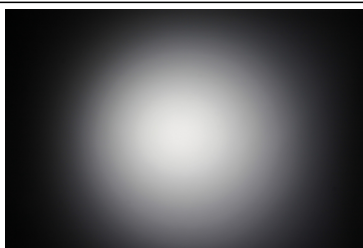
LED XP-G3
 FWHM 19.0°
 Efficiency 81 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



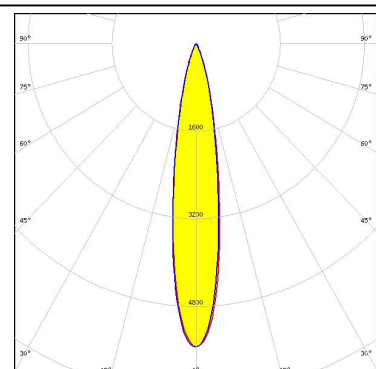
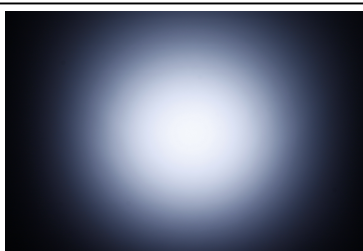
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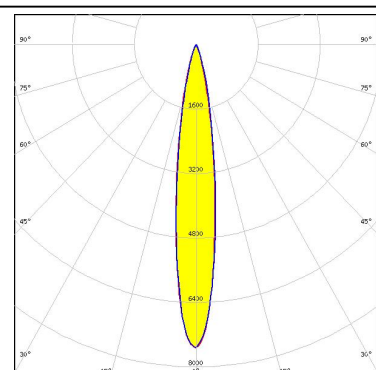
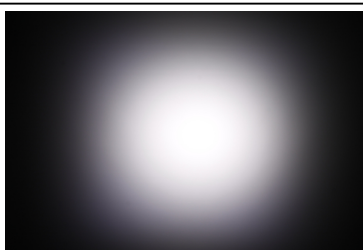
LED H35C1 (LEMWA33)
 FWHM 18.0°
 Efficiency 82 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



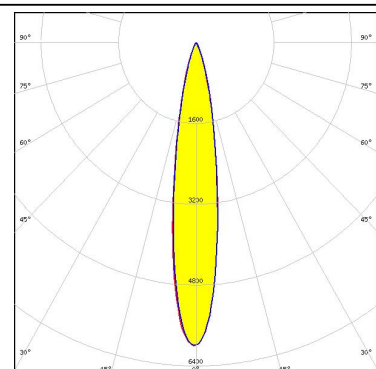
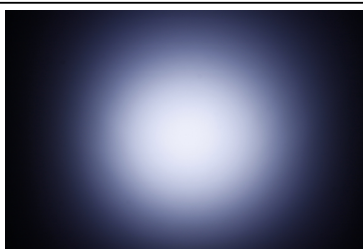
LED LUXEON Rebel ES
 FWHM 18.0°
 Efficiency 81 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED LUXEON Rebel Plus
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



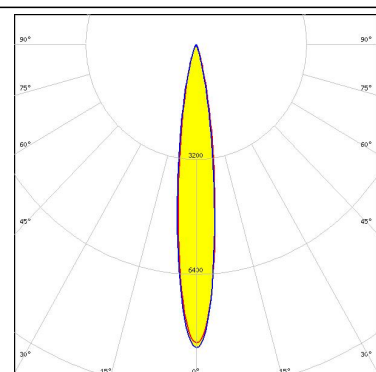
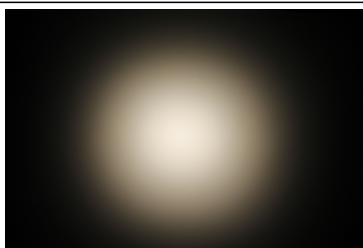
LED LUXEON TX
 FWHM 17.0°
 Efficiency 82 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



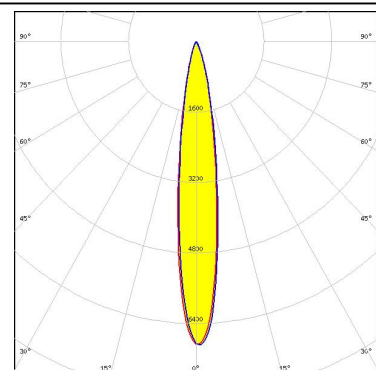
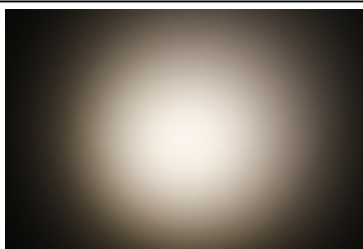
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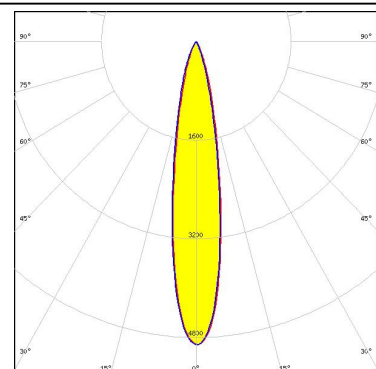
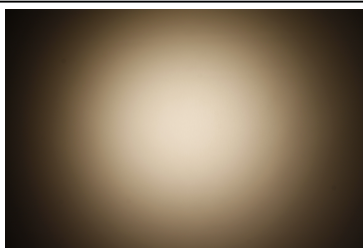
LED LUXEON Z ES
FWHM 15.0°
Efficiency 82 %
Peak intensity 8.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



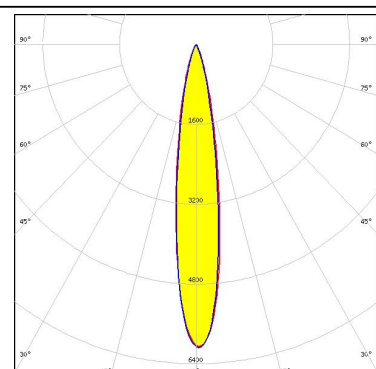
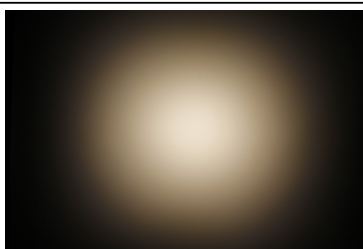
LED NCSxx19B
FWHM 15.0°
Efficiency 79 %
Peak intensity 6.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED NVSxx19B/NVSxx19C
FWHM 19.0°
Efficiency 78 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED OSLOM Square EC
FWHM 17.0°
Efficiency 80 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD

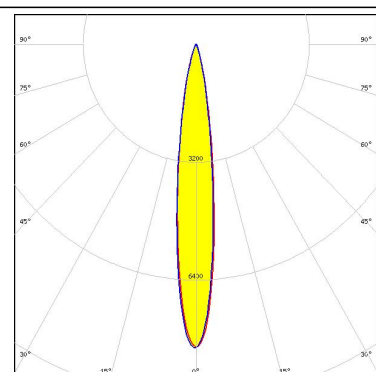
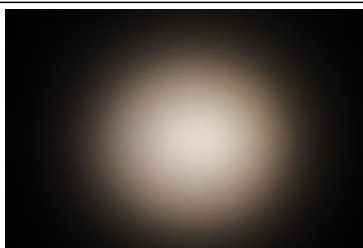


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

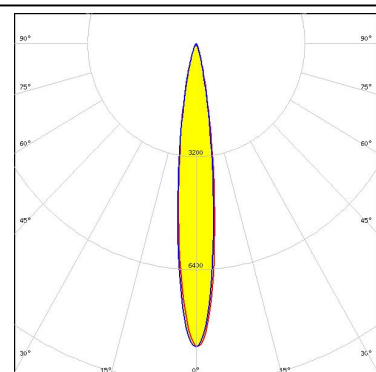
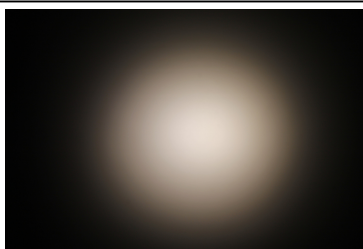
LED OSLON SSL 150
FWHM 14.0°
Efficiency 84 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM

Opto Semiconductors

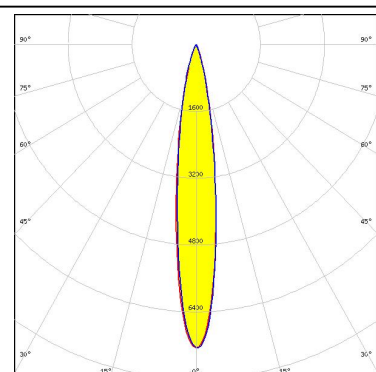
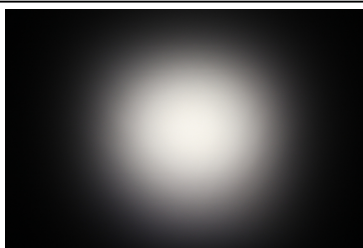
LED OSLON SSL 150
FWHM 14.0°
Efficiency 80 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



OSRAM

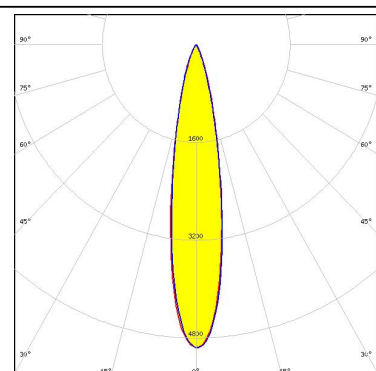
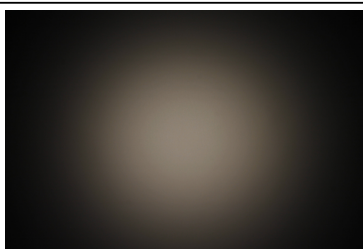
Opto Semiconductors

LED OSLON SSL 80
FWHM 15.0°
Efficiency 82 %
Peak intensity 7.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



SAMSUNG

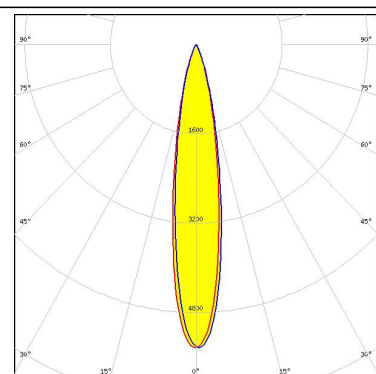
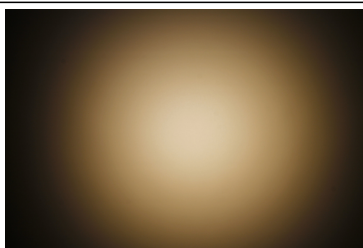
LED LH351B
FWHM 20.0°
Efficiency 82 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

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Leading Innovation >>>

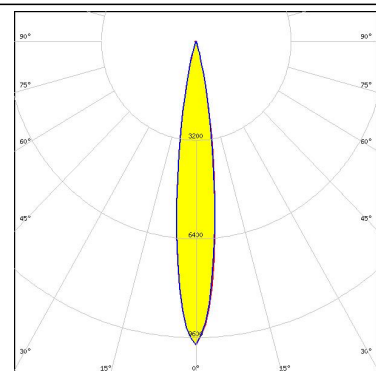
LED TL1L4
FWHM 18.0°
Efficiency 80 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



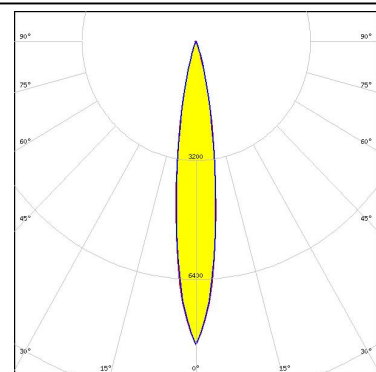
PHOTOMETRIC DATA (SIMULATED):



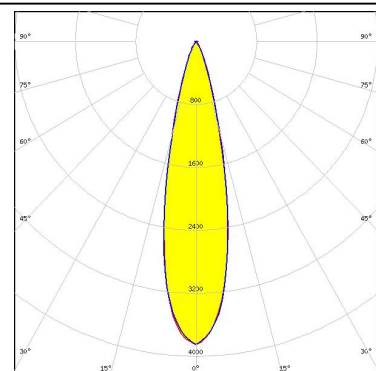
LED NCSxE17A
FWHM 15.0°
Efficiency 82 %
Peak intensity 12 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED NVSxE21A
FWHM 16.0°
Efficiency 82 %
Peak intensity 10 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED NWSx229A
FWHM 24.0°
Efficiency 86 %
Peak intensity 3.9 cd/lm
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.

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