


FLORENTINA-HLD-O

~35° + 12° oval beam

TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	9.7 mm
Fastening	screw
ROHS compliant	yes 

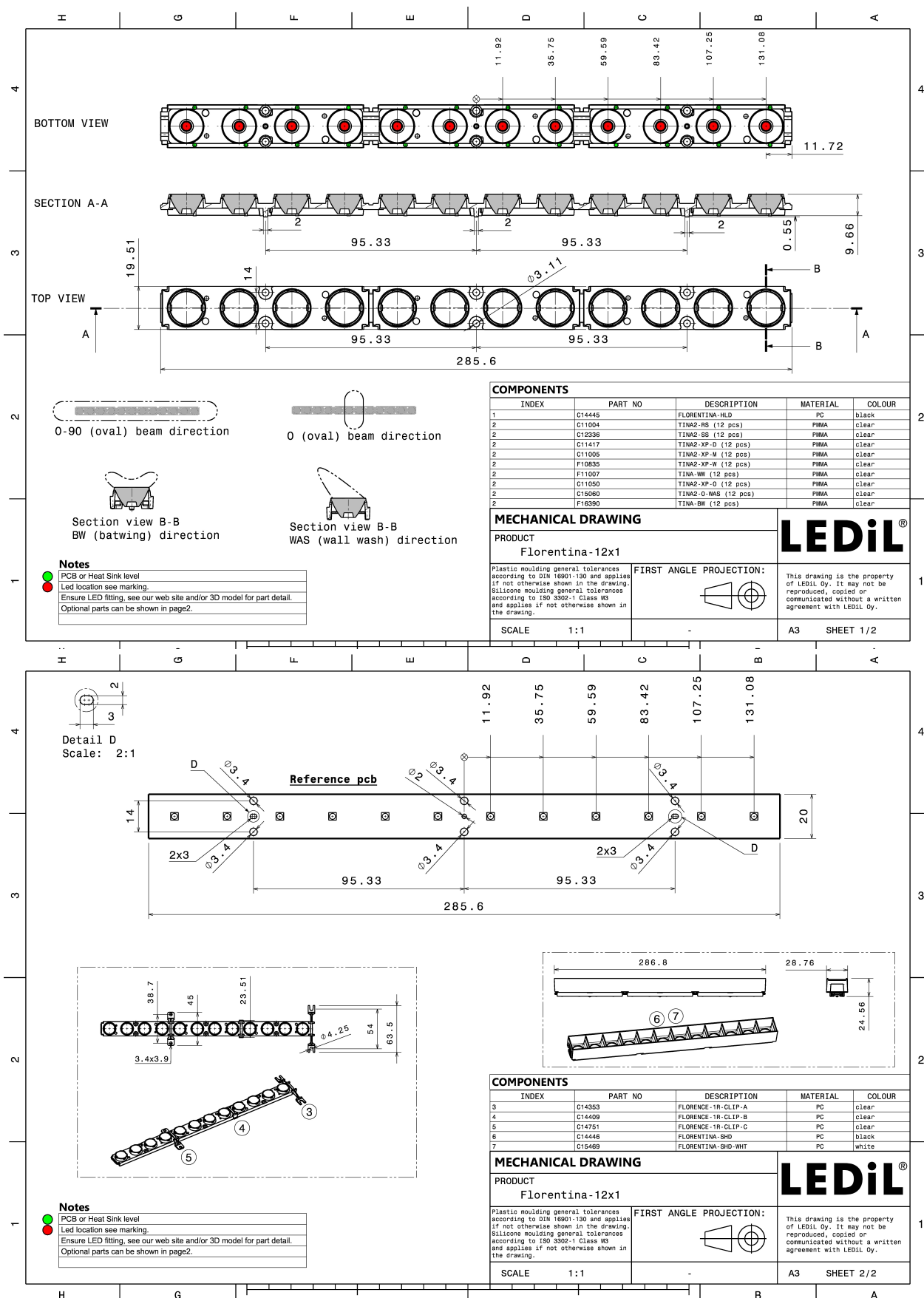
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

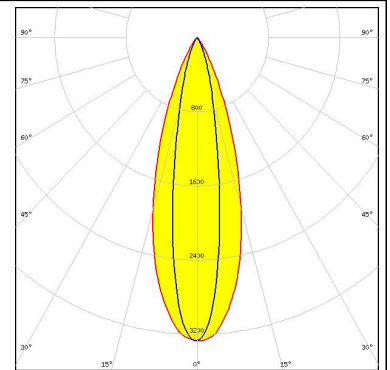
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP14995_FLORENTINA-HLD-O	Single lens	160	32	16	5.4
» Box size: 398 x 298 x 140 mm					



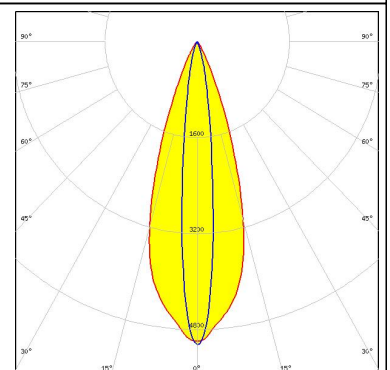
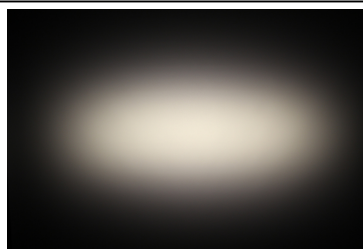
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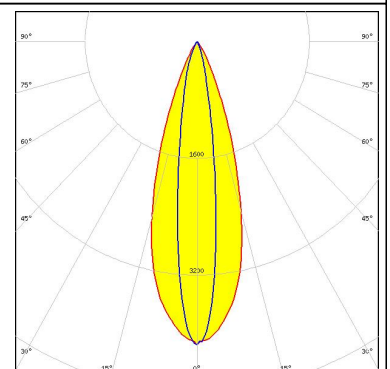
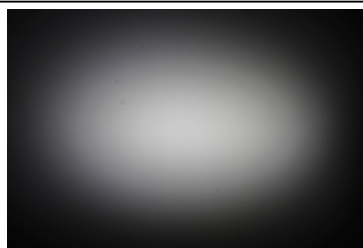
LED QUICK FLUX LED FL-XG 1x12 xxx
 FWHM 34.0 + 18.0°
 Efficiency 80 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



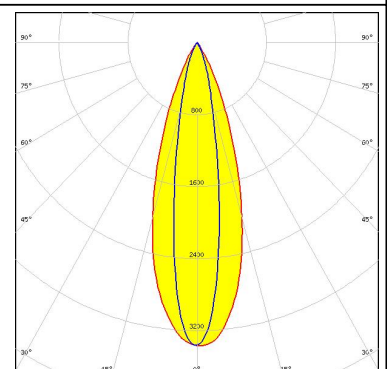
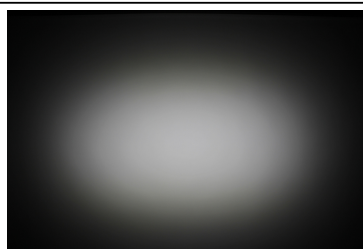
LED XP-E2
 FWHM 35.0 + 12.0°
 Efficiency 83 %
 Peak intensity 5.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED XP-G2
 FWHM 34.0 + 15.0°
 Efficiency 83 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



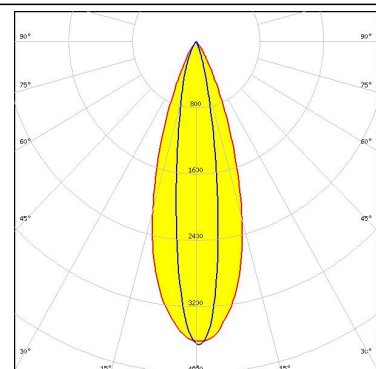
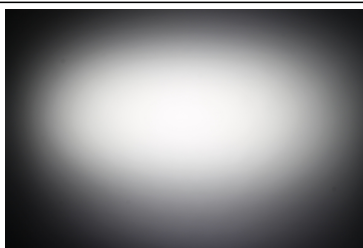
LED XP-G3
 FWHM 34.0 + 18.0°
 Efficiency 80 %
 Peak intensity 3.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



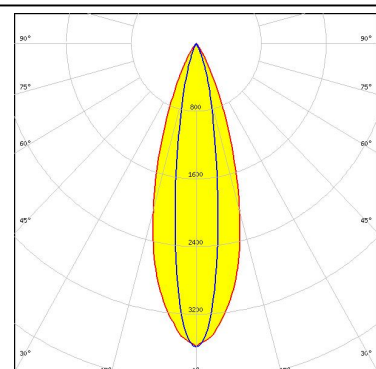
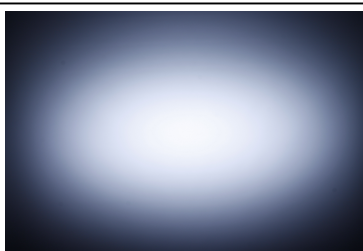
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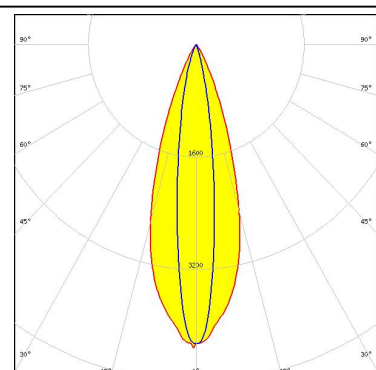
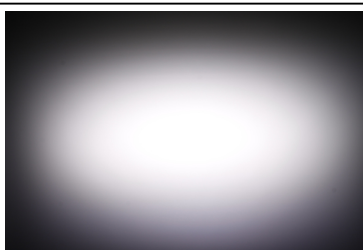
LED H35C1 (LEMWA33)
 FWHM 34.0 + 16.0°
 Efficiency 80 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



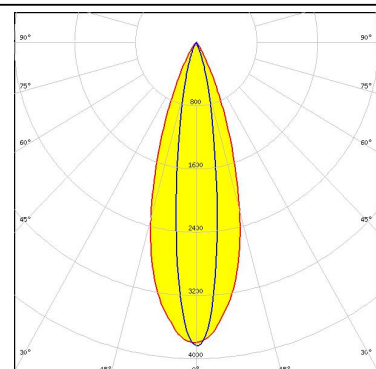
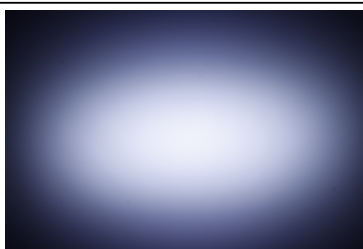
LED LUXEON Rebel ES
 FWHM 33.0 + 17.0°
 Efficiency 79 %
 Peak intensity 3.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED LUXEON Rebel Plus
 FWHM 33.0 + 15.0°
 Efficiency 81 %
 Peak intensity 4.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



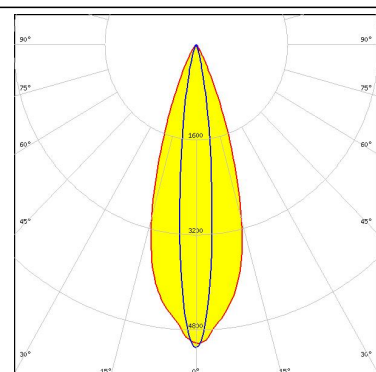
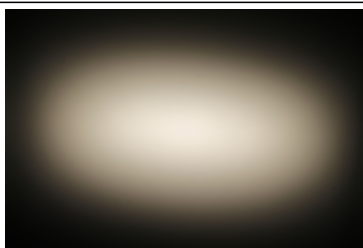
LED LUXEON TX
 FWHM 34.0 + 16.0°
 Efficiency 81 %
 Peak intensity 3.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



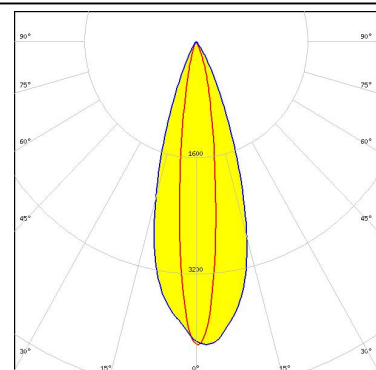
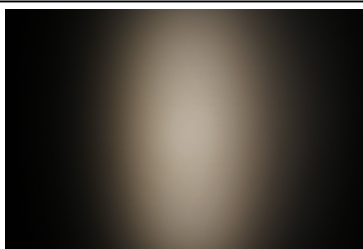
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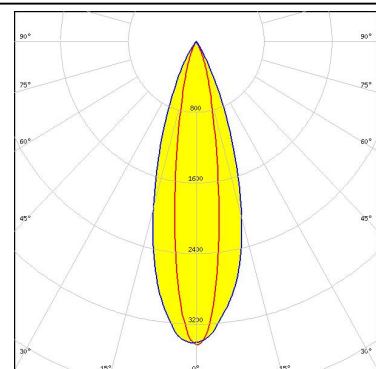
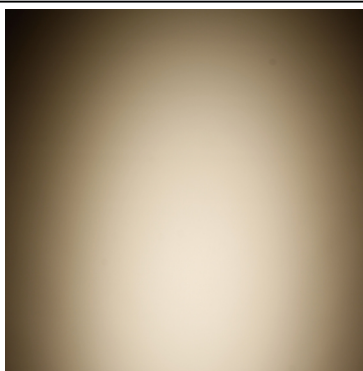
LED LUXEON Z ES
FWHM 34.0 + 13.0°
Efficiency 82 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



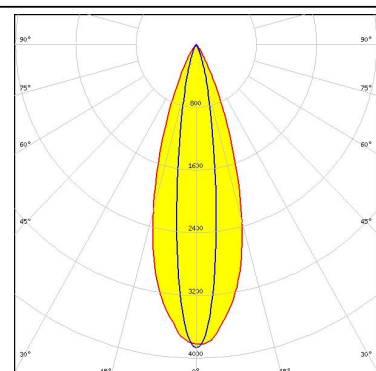
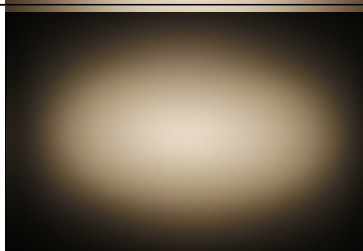
LED NCSxx19B
FWHM 34.0 + 14.0°
Efficiency 79 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED NVSxx19B/NVSxx19C
FWHM 34.0 + 17.0°
Efficiency 78 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



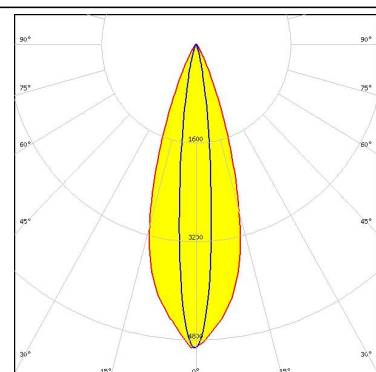
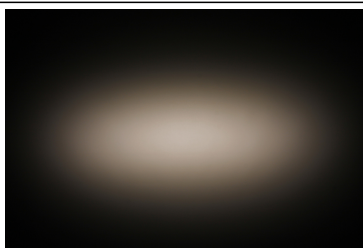
LED OSLOM Square EC
FWHM 34.0 + 15.0°
Efficiency 79 %
Peak intensity 3.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

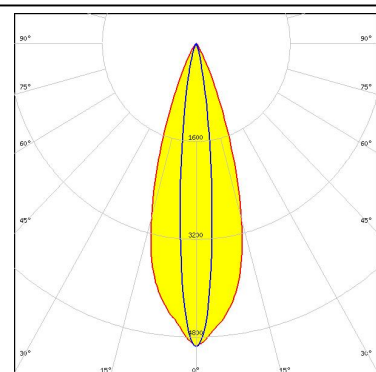
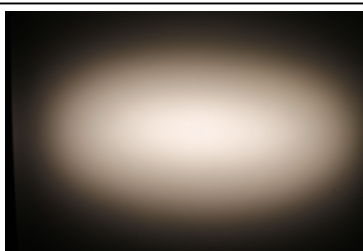
OSRAM
Opto Semiconductors

LED OSLOM SSL 150
FWHM 34.0 + 12.0°
Efficiency 84 %
Peak intensity 4.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



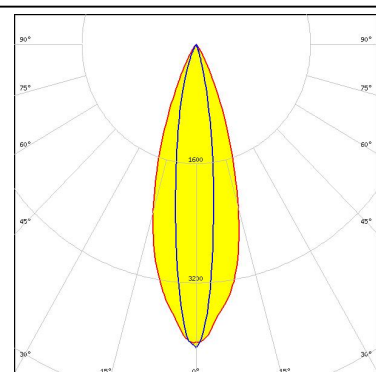
OSRAM
Opto Semiconductors

LED OSLOM SSL 150
FWHM 34.0 + 12.0°
Efficiency 80 %
Peak intensity 5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



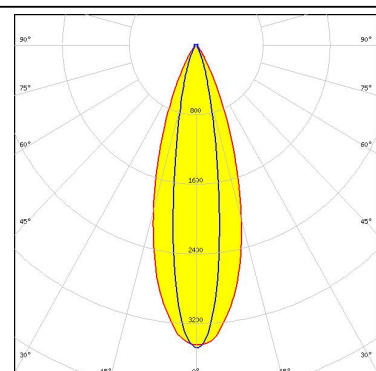
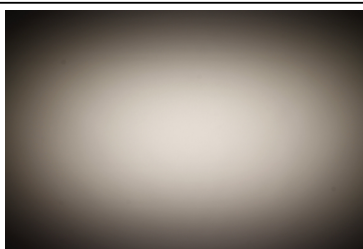
OSRAM
Opto Semiconductors

LED OSLOM SSL 80
FWHM 33.0 + 15.0°
Efficiency 79 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



SAMSUNG

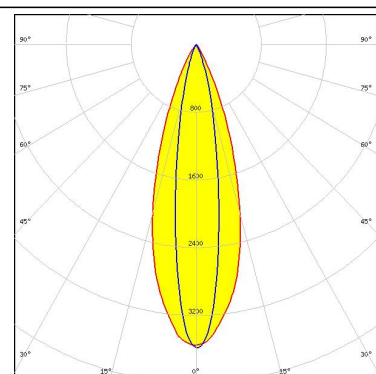
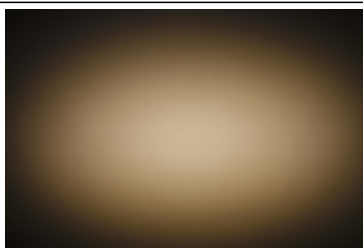
LED LH351B
FWHM 34.0 + 18.0°
Efficiency 94 %
Peak intensity 3.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

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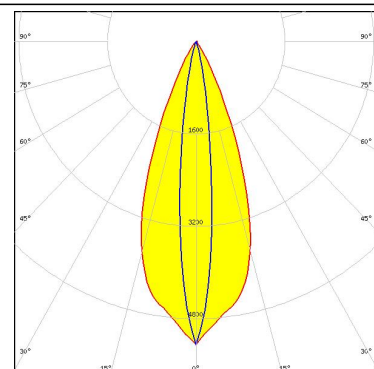
LED TL1L4
FWHM 34.0 + 17.0°
Efficiency 79 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



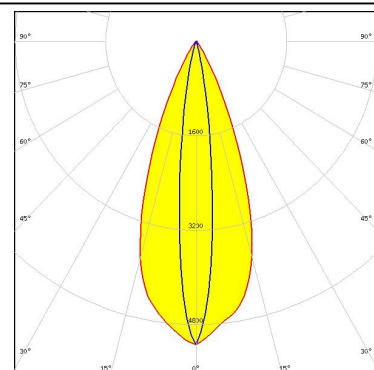
PHOTOMETRIC DATA (SIMULATED):



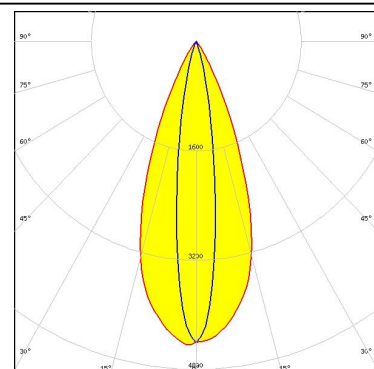
LED NCSxE17A
FWHM 40.0 + 13.0°
Efficiency 94 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



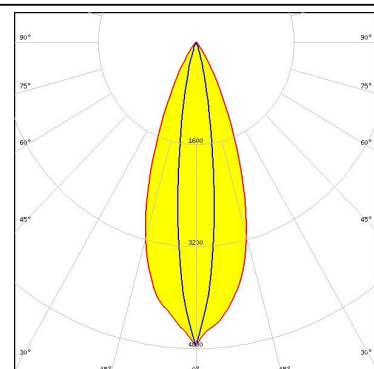
LED NCSxE17A
FWHM 40.0 + 13.0°
Efficiency 94 %
Peak intensity 5.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSxE21A
FWHM 40.0 + 15.0°
Efficiency 94 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



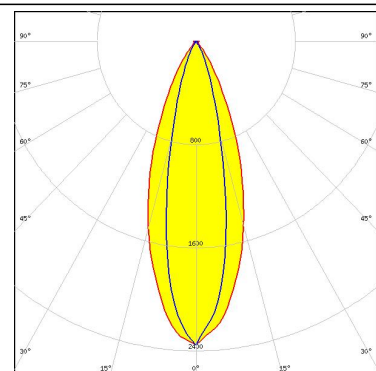
LED NVSxE21A
FWHM 38.0 + 14.0°
Efficiency 94 %
Peak intensity 4.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED	NWSx229A
FWHM	38.0 + 23.0°
Efficiency	81 %
Peak intensity	2.4 cd/Im
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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