

FLORENTINA-HLD-O

~35° + 12° oval beam

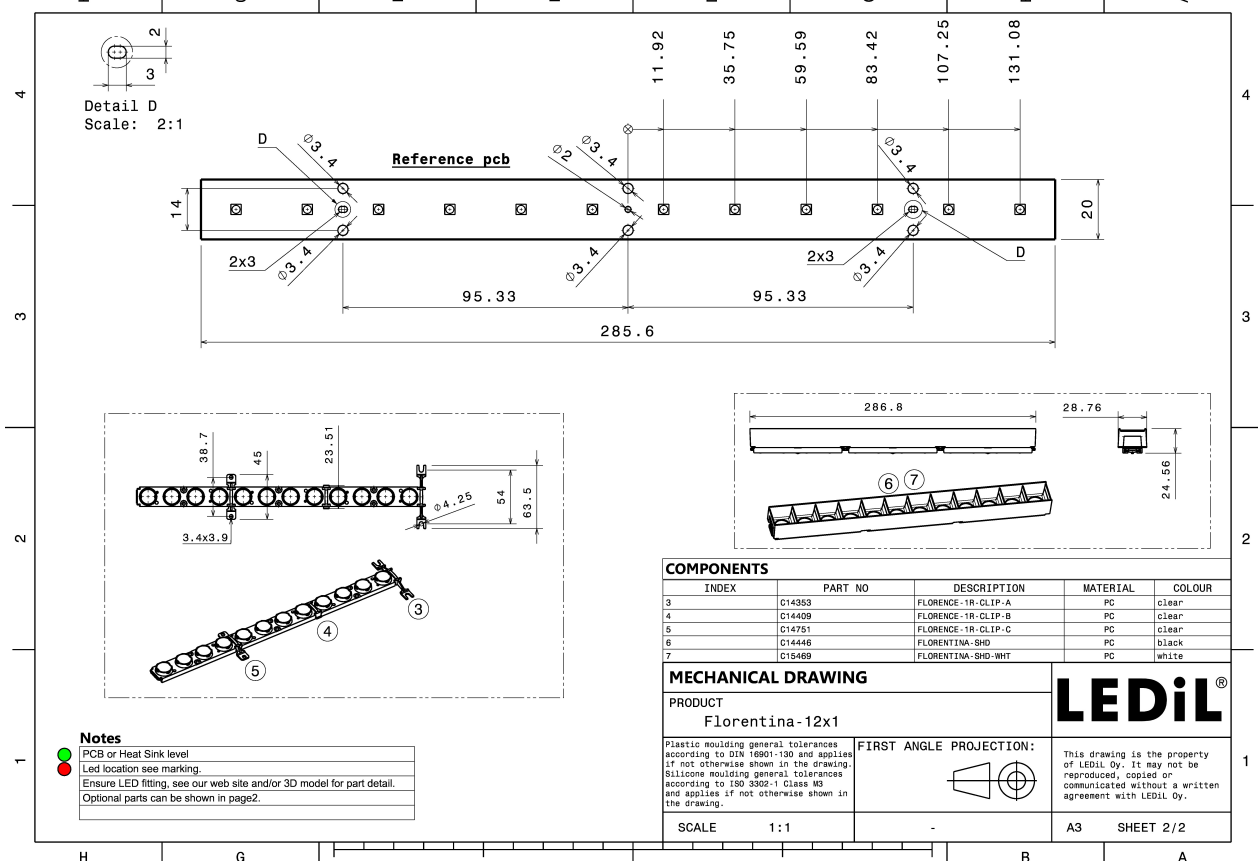
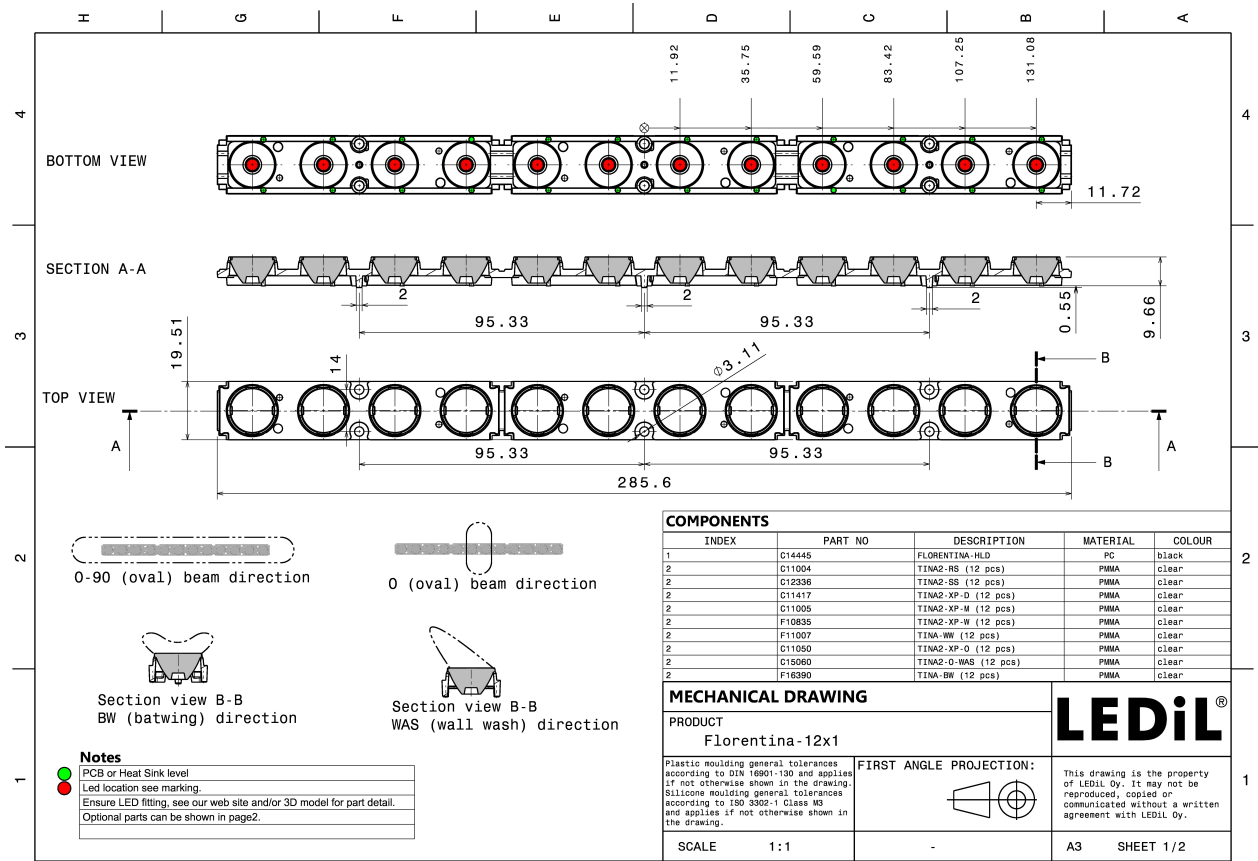
TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	9.7 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 140 mm
Box weight	5.4 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

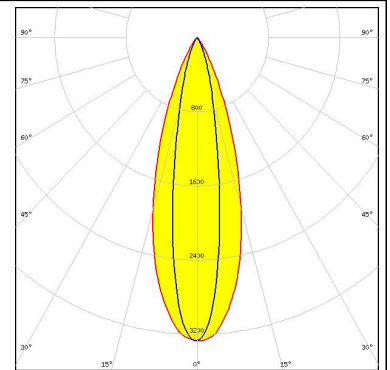
Component	Type	Material	Colour
TINA2-XP-O	Single lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black



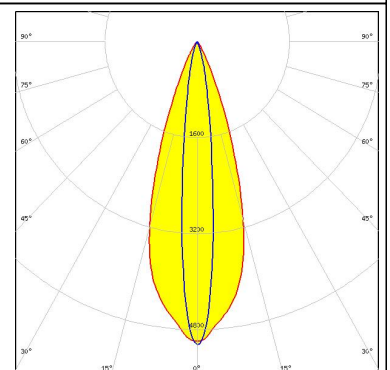
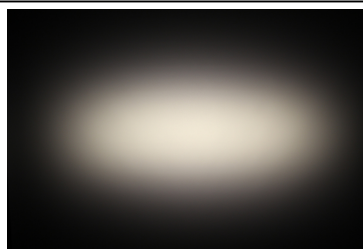
PHOTOMETRIC DATA (MEASURED):



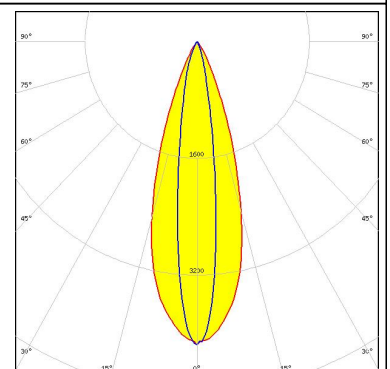
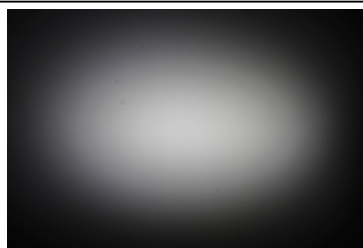
LED QUICK FLUX LED FL-XG 1x12 xxx
 FWHM 34.0 + 18.0°
 Efficiency 80 %
 Peak intensity 3.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



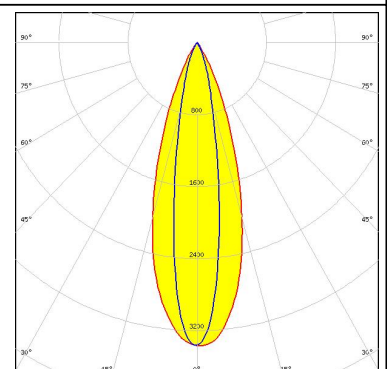
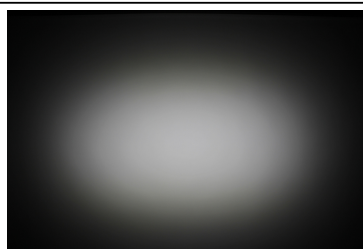
LED XP-E2
 FWHM 35.0 + 12.0°
 Efficiency 83 %
 Peak intensity 5.050 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED XP-G2
 FWHM 34.0 + 15.0°
 Efficiency 83 %
 Peak intensity 4.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



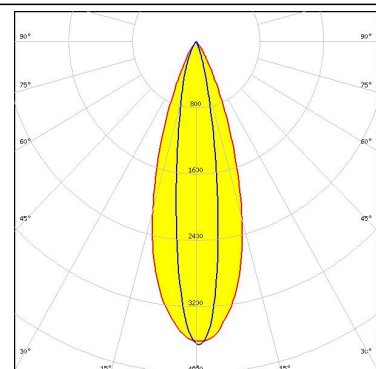
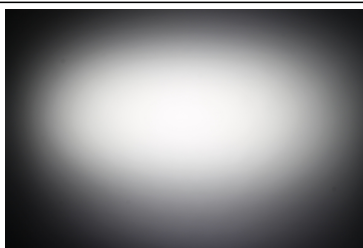
LED XP-G3
 FWHM 34.0 + 18.0°
 Efficiency 80 %
 Peak intensity 3.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



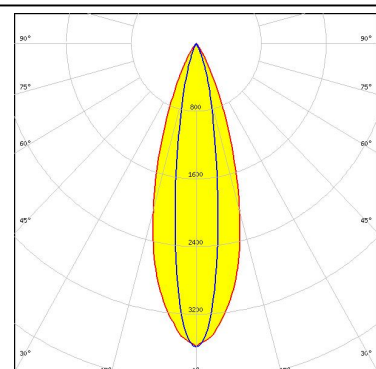
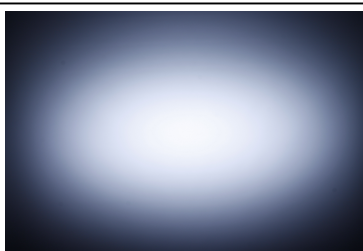
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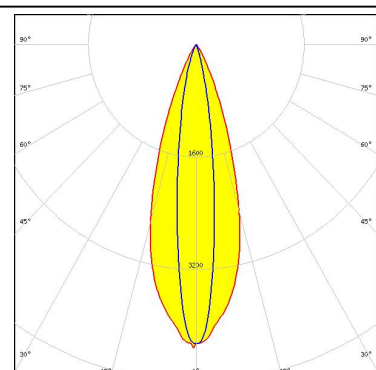
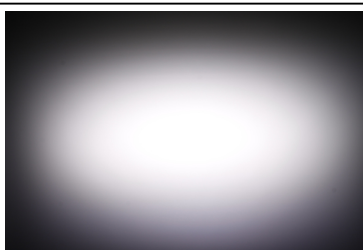
LED H35C1 (LEMWA33)
 FWHM 34.0 + 16.0°
 Efficiency 80 %
 Peak intensity 3.660 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



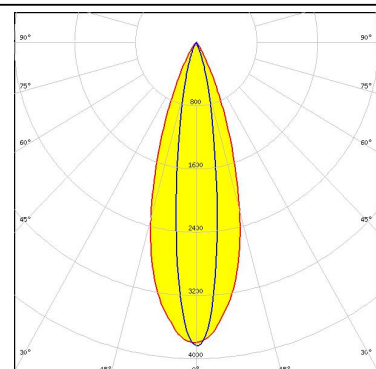
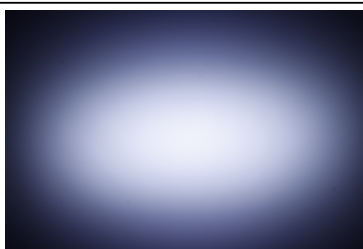
LED LUXEON Rebel ES
 FWHM 33.0 + 17.0°
 Efficiency 79 %
 Peak intensity 3.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED LUXEON Rebel Plus
 FWHM 33.0 + 15.0°
 Efficiency 81 %
 Peak intensity 4.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



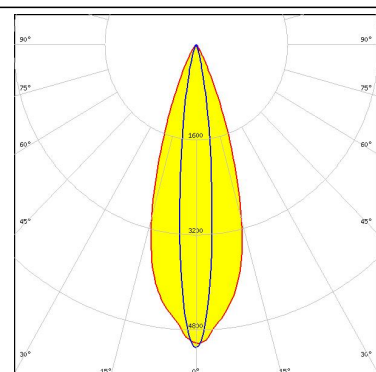
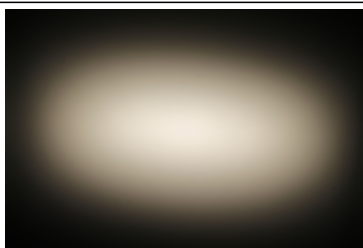
LED LUXEON TX
 FWHM 34.0 + 16.0°
 Efficiency 81 %
 Peak intensity 3.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



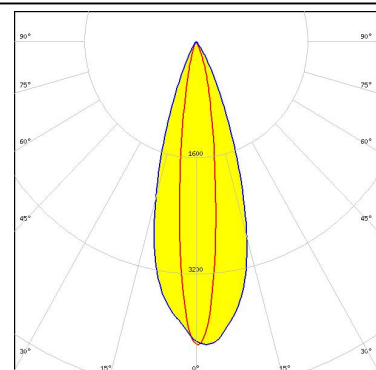
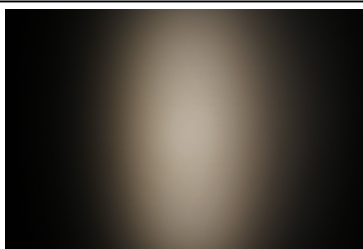
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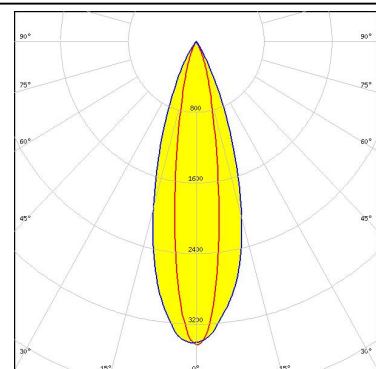
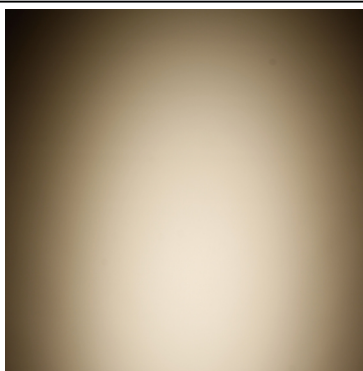
LED LUXEON Z ES
FWHM 34.0 + 13.0°
Efficiency 82 %
Peak intensity 5.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



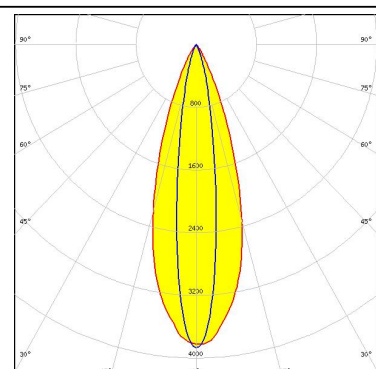
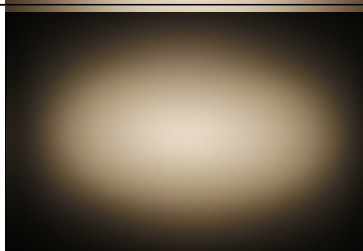
LED NCSxx19B
FWHM 34.0 + 14.0°
Efficiency 79 %
Peak intensity 4.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED NVSxx19B/NVSxx19C
FWHM 34.0 + 17.0°
Efficiency 78 %
Peak intensity 3.430 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



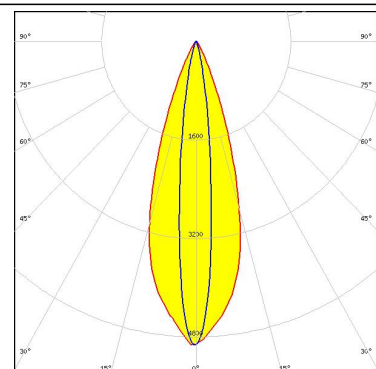
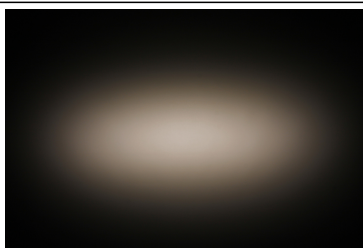
LED OSLOM Square EC
FWHM 34.0 + 15.0°
Efficiency 79 %
Peak intensity 3.870 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

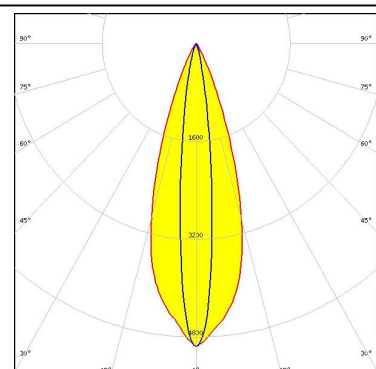
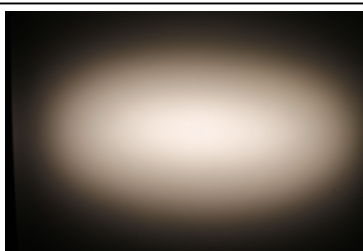
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 34.0 + 12.0°
Efficiency 84 %
Peak intensity 4.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



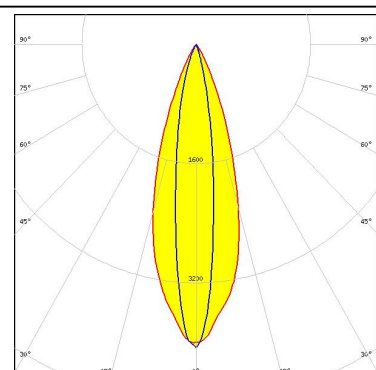
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 34.0 + 12.0°
Efficiency 80 %
Peak intensity 5.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



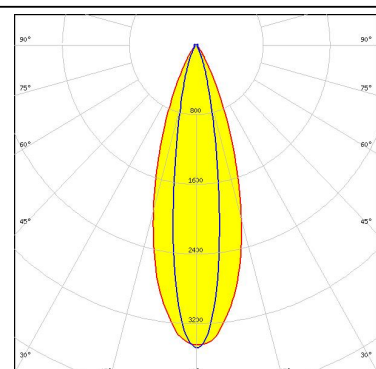
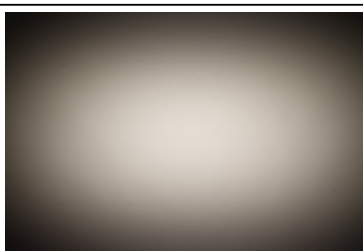
OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM 33.0 + 15.0°
Efficiency 79 %
Peak intensity 4.080 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



SAMSUNG

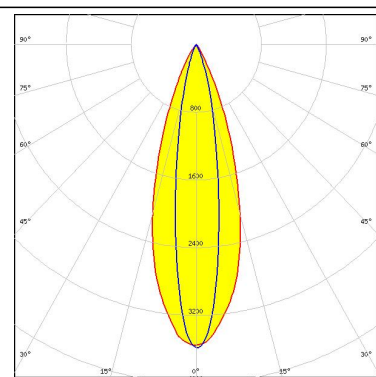
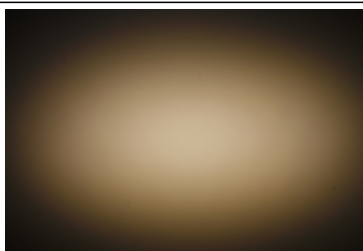
LED LH351B
FWHM 34.0 + 18.0°
Efficiency 94 %
Peak intensity 3.480 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

TOSHIBA
Leading Innovation >>>

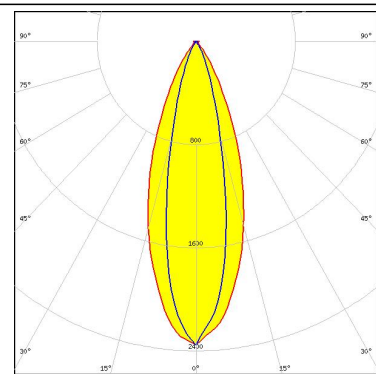
LED TL1L4
FWHM 34.0 + 17.0°
Efficiency 79 %
Peak intensity 3.590 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (SIMULATED):



LED NWSx229A
FWHM 38.0 + 23.0°
Efficiency 81 %
Peak intensity 2.350 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:

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