

FLORENTINA-HLD-W

~40° wide beam

SPECIFICATION:

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

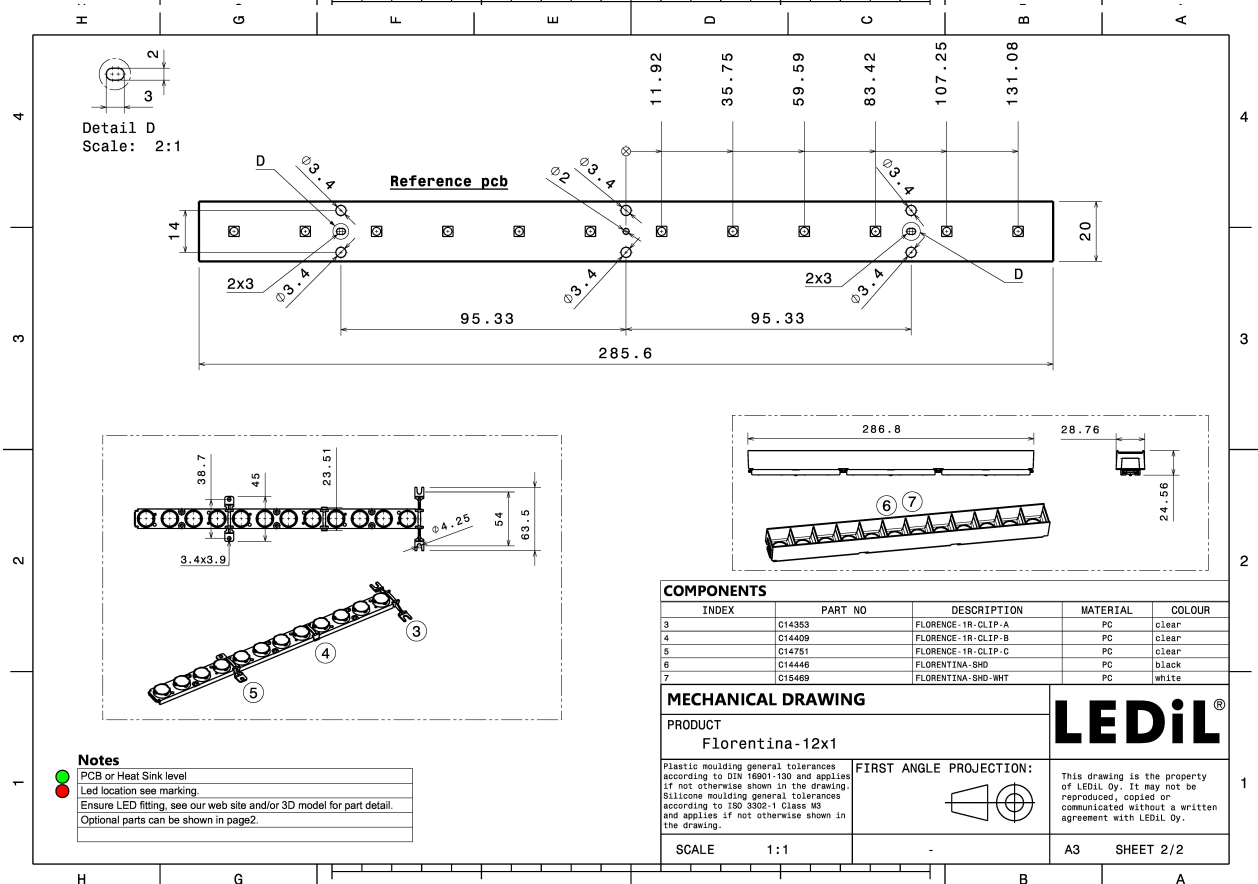
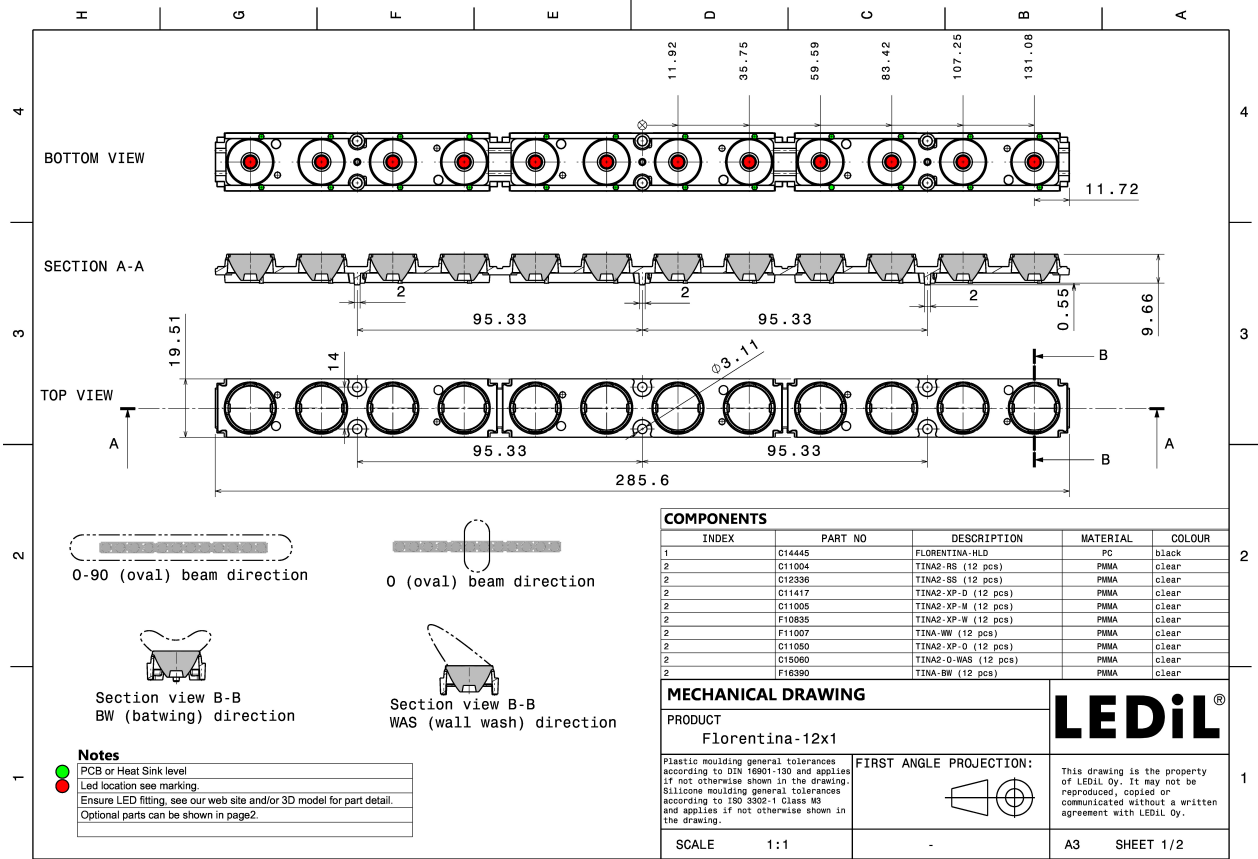
MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
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					



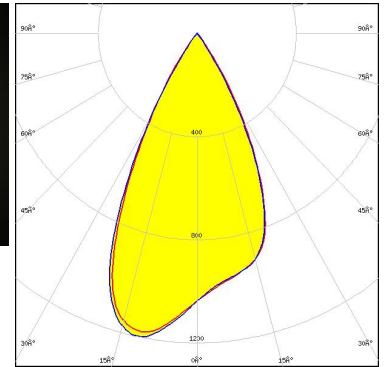
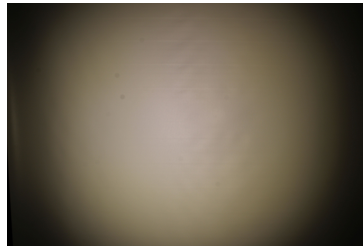


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



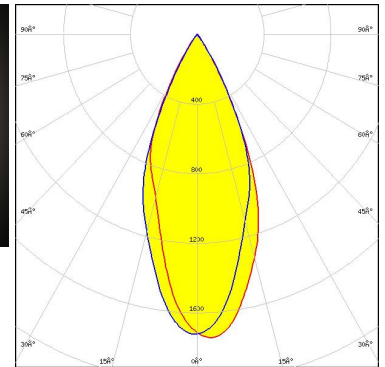
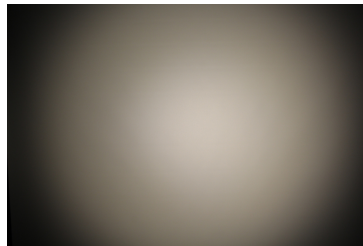
LED QUICK FLUX LED FL-XG 1x12 xxx
FWHM / FWTM 51.0° / 69.0°
Efficiency 80 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C14446_FLORENTINA-SHD



Light distribution files



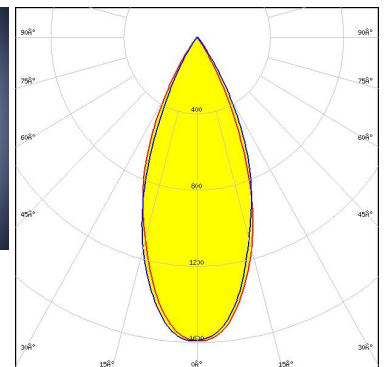
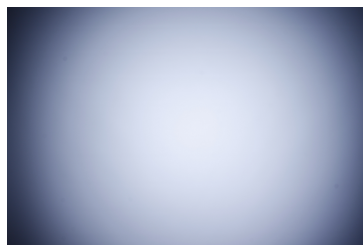
LED XP-E2
FWHM / FWTM 42.0° / 66.0°
Efficiency 84 %
Peak intensity 1.8 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C14446_FLORENTINA-SHD



Light distribution files



LED LUXEON Rebel ES
FWHM / FWTM 43.0° / 67.0°
Efficiency 81 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C14446_FLORENTINA-SHD

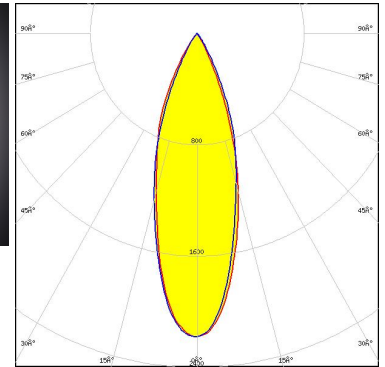
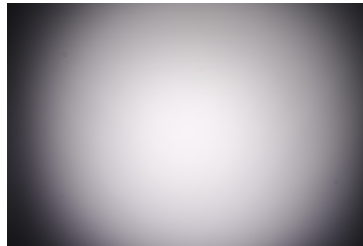


Light distribution files

OPTICAL RESULTS (MEASURED):



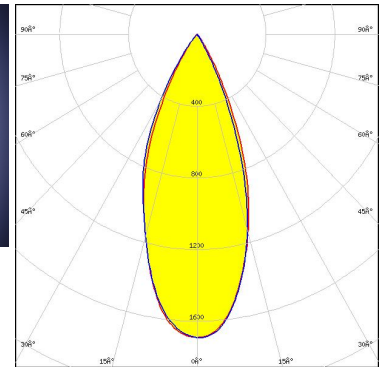
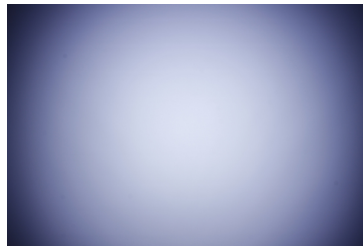
LED LUXEON Rebel Plus
FWHM / FWTM 33.0° / 61.0°
Efficiency 83 %
Peak intensity 2.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C14446_FLORENTINA-SHD



Light distribution files



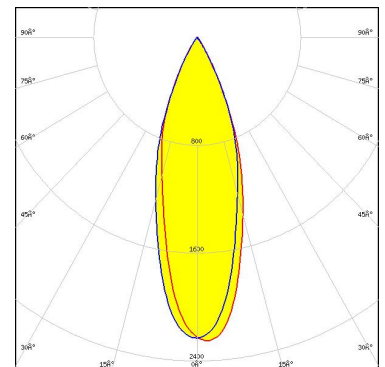
LED LUXEON TX
FWHM / FWTM 41.0° / 66.0°
Efficiency 82 %
Peak intensity 1.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C14446_FLORENTINA-SHD



Light distribution files



LED LUXEON Z ES
FWHM / FWTM 33.0° / 60.0°
Efficiency 84 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
 C14446_FLORENTINA-SHD

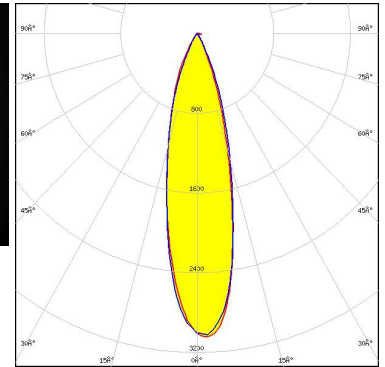
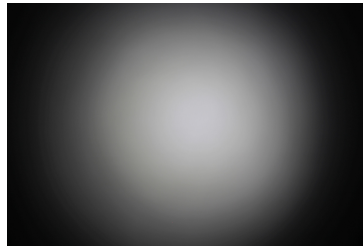


Light distribution files

OPTICAL RESULTS (MEASURED):



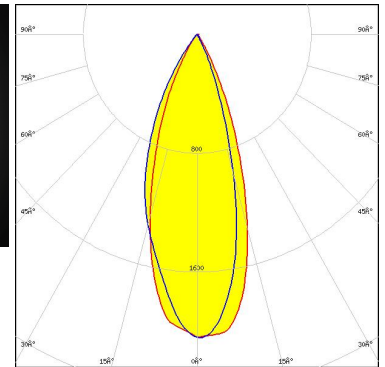
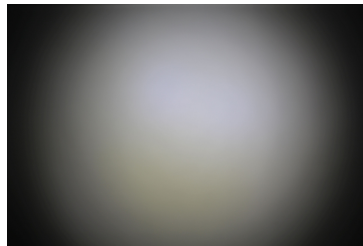
LED NCSxE17A
 FWHM / FWTM 26.0° / 52.0°
 Efficiency 81 %
 Peak intensity 3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14446_FLORENTINA-SHD



Light distribution files



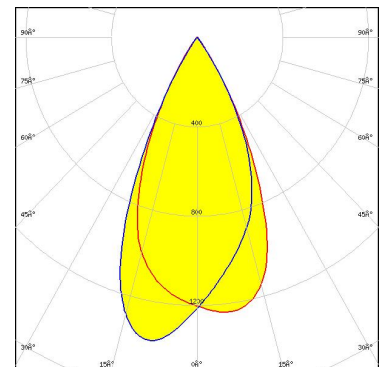
LED NF2x757G
 FWHM / FWTM 36.0° / 60.0°
 Efficiency 84 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14446_FLORENTINA-SHD



Light distribution files



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 48.0° / 69.0°
 Efficiency 79 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14446_FLORENTINA-SHD

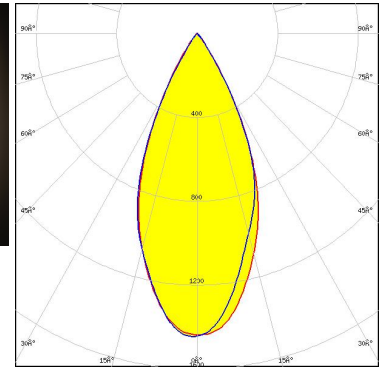
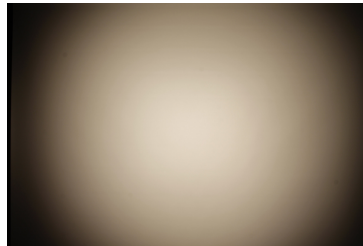


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

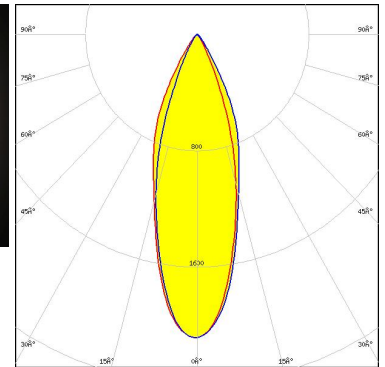
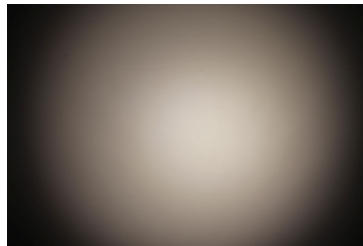
LED OSLON Square EC
 FWHM / FWTM 46.0° / 69.0°
 Efficiency 80 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14446_FLORENTINA-SHD



Light distribution files

OSRAM
Opto Semiconductors

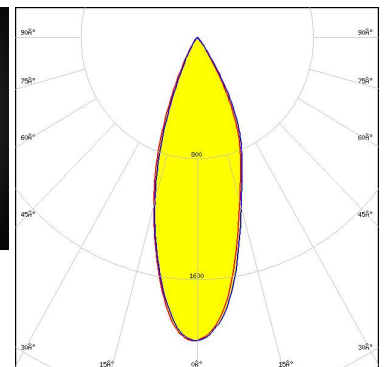
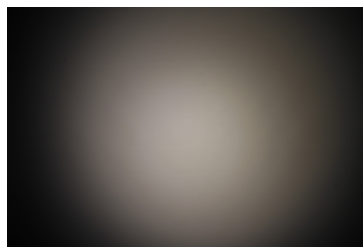
LED OSLON SSL 150
 FWHM / FWTM 33.0° / 62.0°
 Efficiency 85 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 150
 FWHM / FWTM 34.0° / 62.0°
 Efficiency 81 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14446_FLORENTINA-SHD

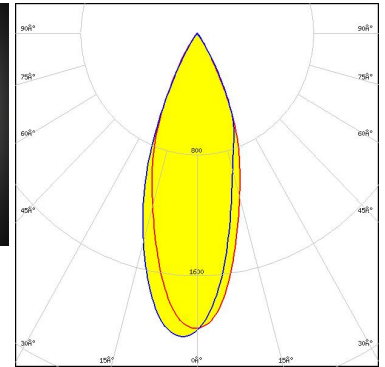
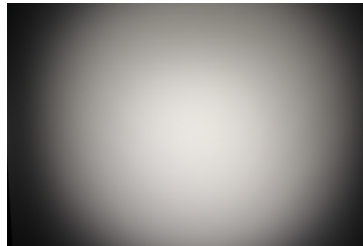


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

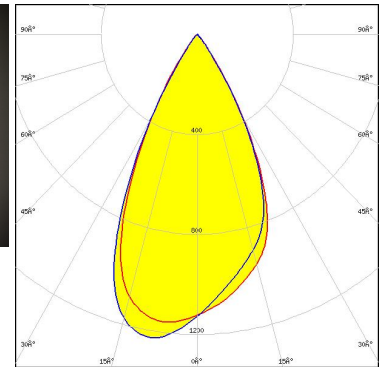
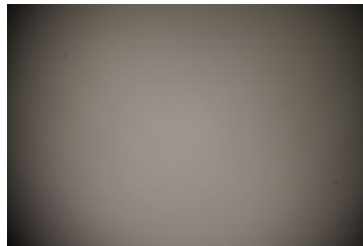
LED OSLON SSL 80
 FWHM / FWTM 35.0° / 63.0°
 Efficiency 83 %
 Peak intensity 2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14446_FLORENTINA-SHD



Light distribution files

SAMSUNG

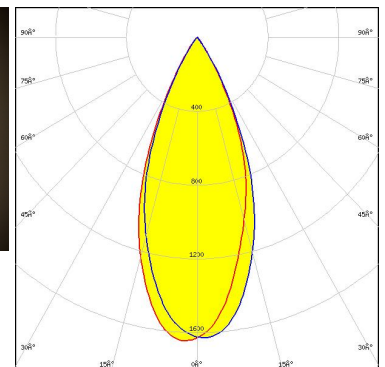
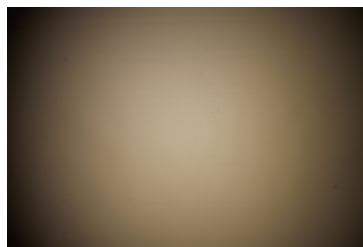
LED LH351B
 FWHM / FWTM 52.0° / 72.0°
 Efficiency 82 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14446_FLORENTINA-SHD



Light distribution files

TOSHIBA
Leading Innovation >>>

LED TL1L4
 FWHM / FWTM 42.0° / 66.0°
 Efficiency 82 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:
 C14446_FLORENTINA-SHD

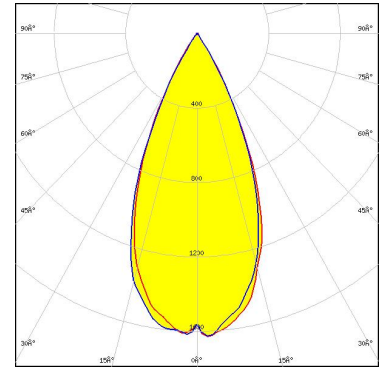


Light distribution files

OPTICAL RESULTS (SIMULATED):



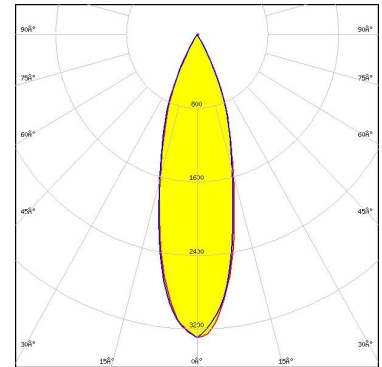
LED XP-G2 HE
FWHM / FWTM 46.0° / 66.0°
Efficiency 90 %
Peak intensity 1.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14446_FLORENTINA-SHD



Light distribution files



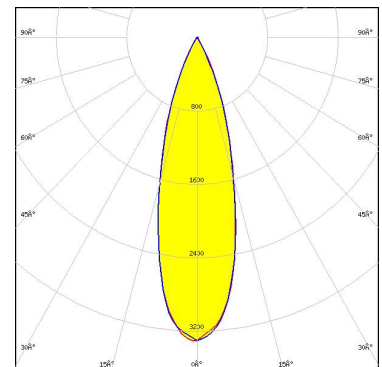
LED NCSxE17A
FWHM / FWTM 29.0° / 56.0°
Efficiency 94 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:
C14446_FLORENTINA-SHD



Light distribution files



LED NVSxE21A
FWHM / FWTM 30.0° / 54.0°
Efficiency 94 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

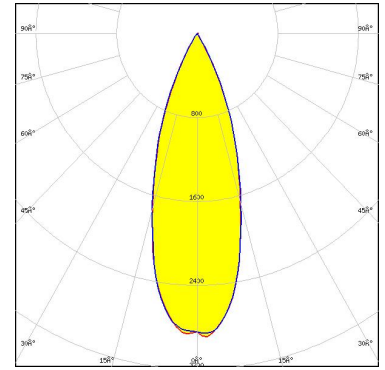
OPTICAL RESULTS (SIMULATED):



LED NVSxE21A
FWHM / FWTM 34.0° / 57.0°
Efficiency 94 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White

Required components:

C14446_FLORENTINA-SHD



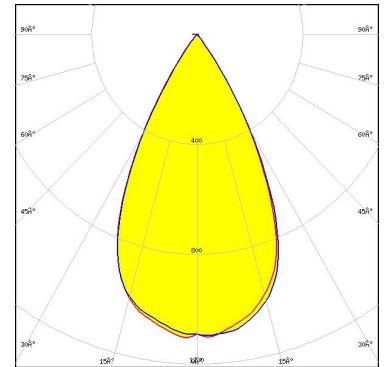
Light distribution files



LED NWSx229A
FWHM / FWTM 53.0° / 73.0°
Efficiency 82 %
LEDs/each optic 1
Light colour/type White

Required components:

C14446_FLORENTINA-SHD



Light distribution files

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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