

FLORENTINA-HLD-SS

~16° smooth spot beam

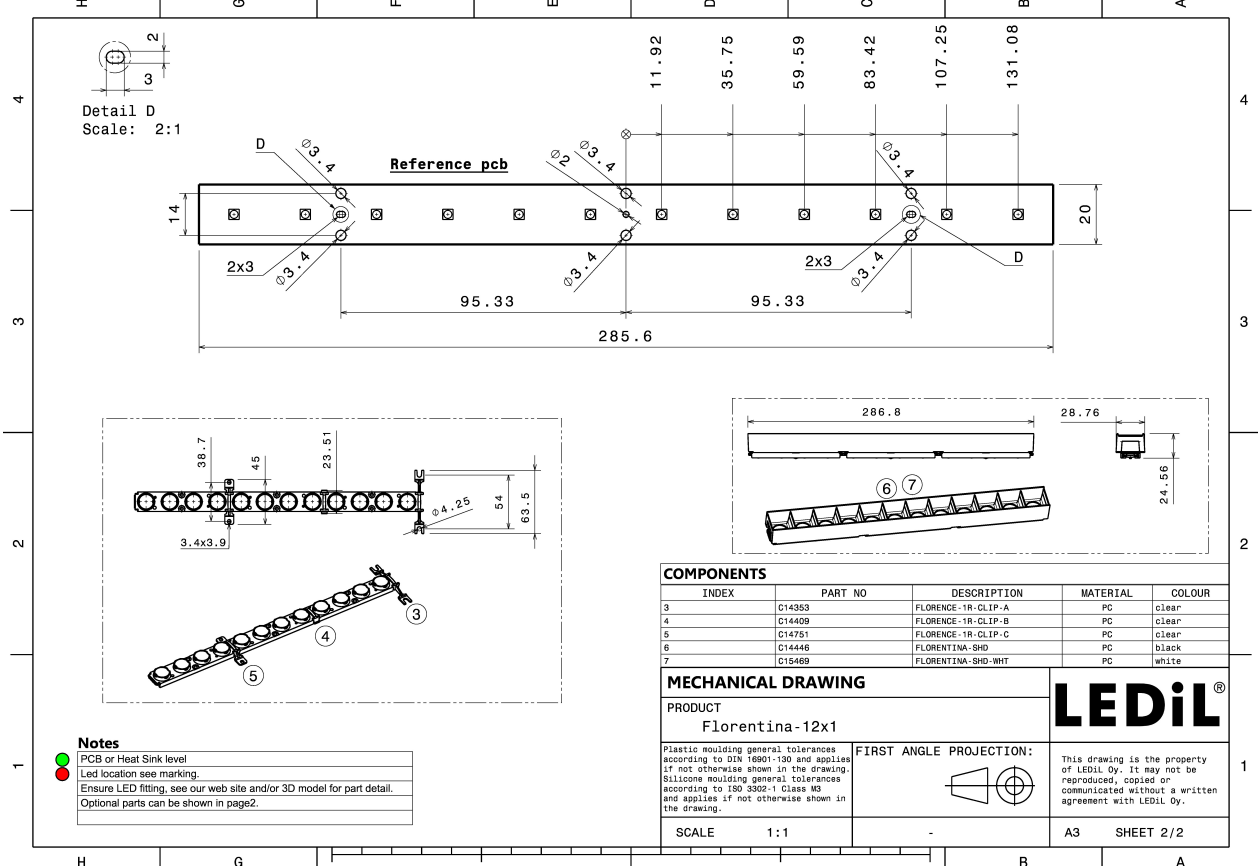
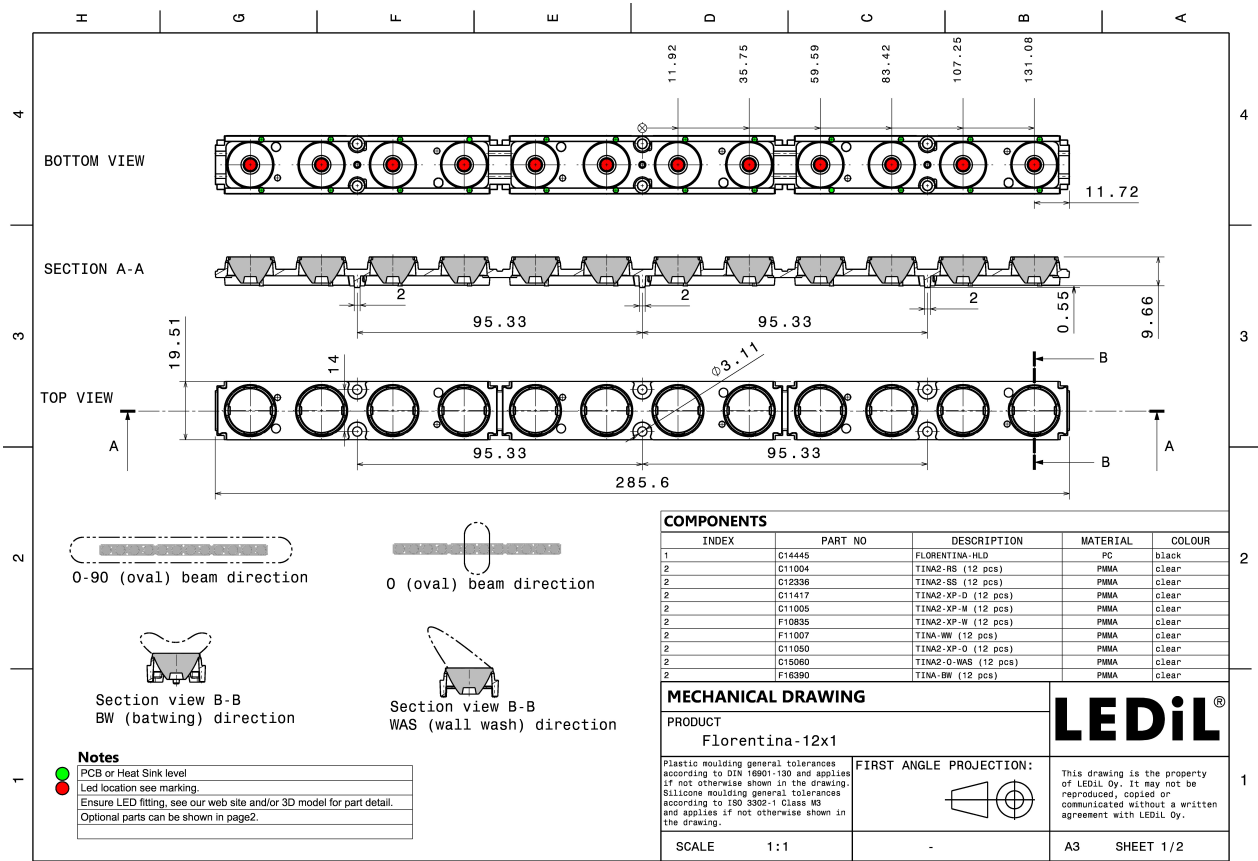
TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	9.5 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 140 mm
Box weight	3.3 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

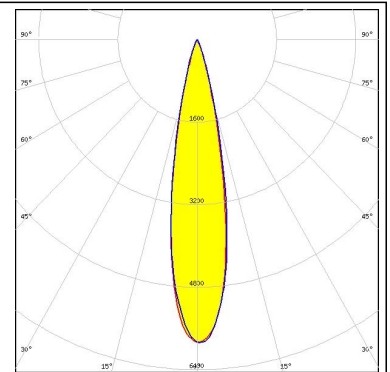
Component	Type	Material	Colour
TINA2-SS	Lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black



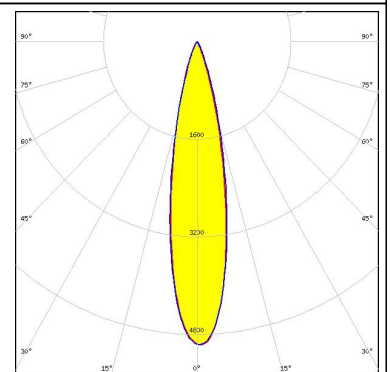
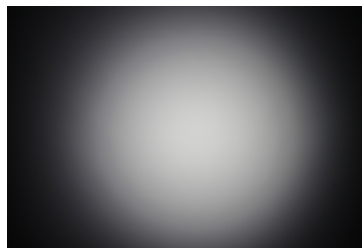
PHOTOMETRIC DATA (MEASURED):



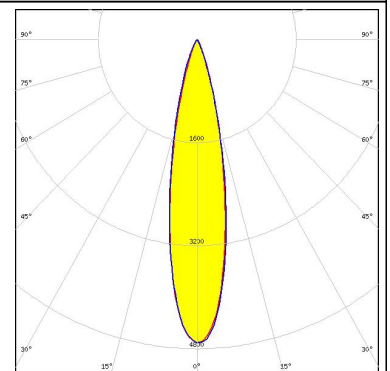
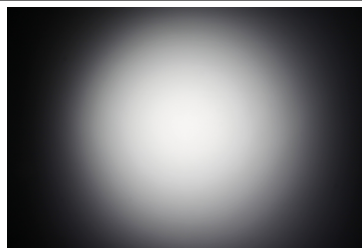
LED XP-E2
 FWHM 21.0°
 Efficiency 85 %
 Peak intensity 5.880 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



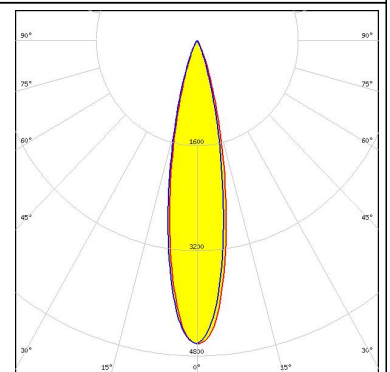
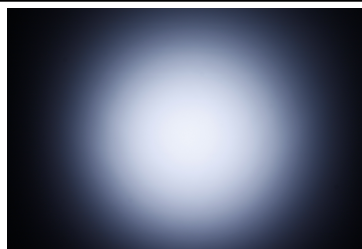
LED XP-G2
 FWHM 22.0°
 Efficiency 87 %
 Peak intensity 5.000 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED H35C1 (LEMWA33)
 FWHM 22.0°
 Efficiency 84 %
 Peak intensity 4.700 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



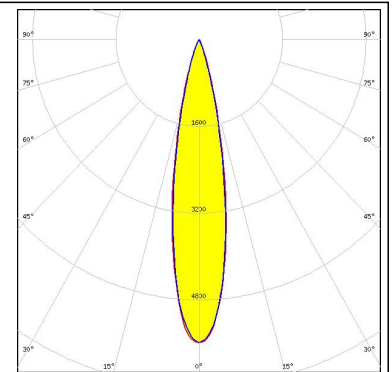
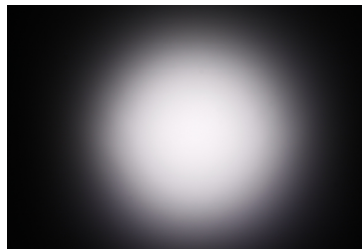
LED LUXEON Rebel ES
 FWHM 22.0°
 Efficiency 83 %
 Peak intensity 4.600 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



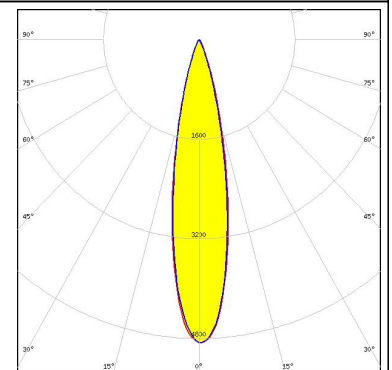
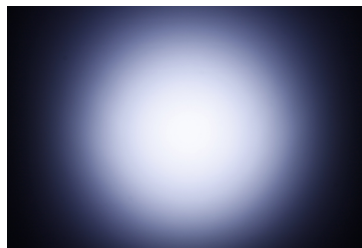
PHOTOMETRIC DATA (MEASURED):



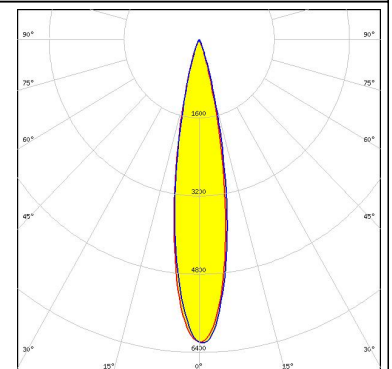
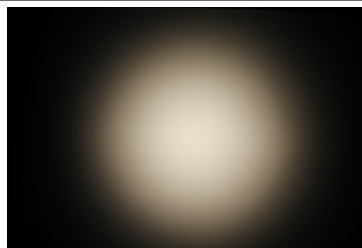
LED LUXEON Rebel Plus
 FWHM 20.0°
 Efficiency 84 %
 Peak intensity 5.600 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



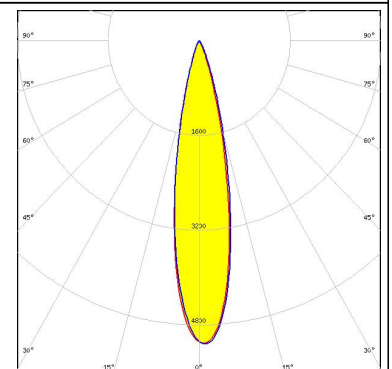
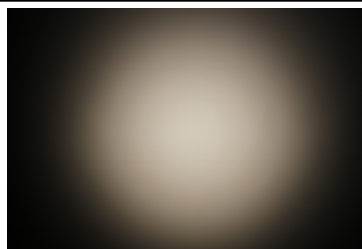
LED LUXEON TX
 FWHM 21.0°
 Efficiency 84 %
 Peak intensity 4.900 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED LUXEON Z ES
 FWHM 20.0°
 Efficiency 85 %
 Peak intensity 6.200 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



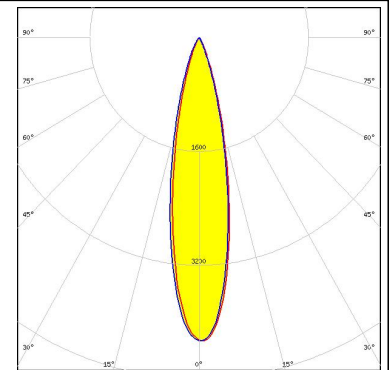
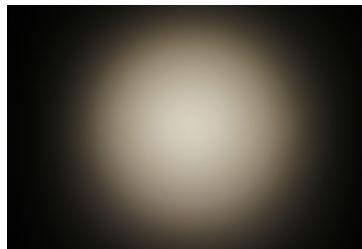
LED NCSxx19B
 FWHM 21.0°
 Efficiency 84 %
 Peak intensity 5.100 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



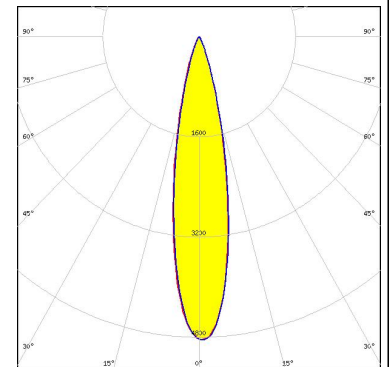
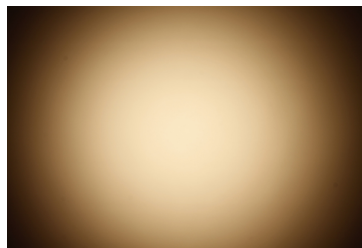
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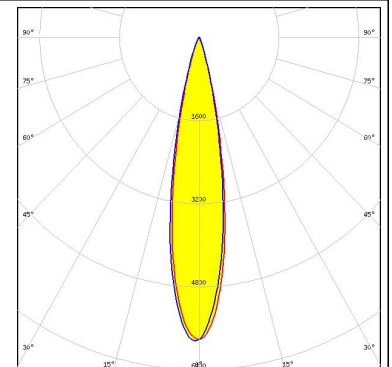
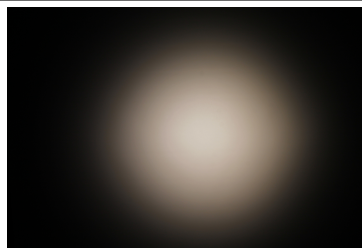
LED NVSxx19B/NVSxx19C
 FWHM 22.0°
 Efficiency 82 %
 Peak intensity 4.270 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



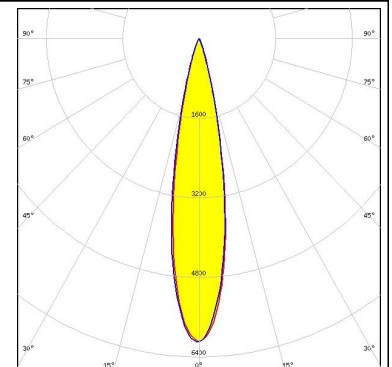
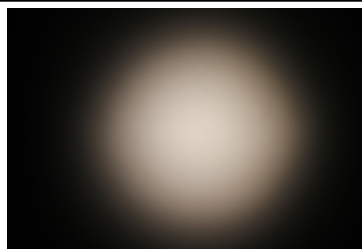
LED Oslon Square EC
 FWHM 21.0°
 Efficiency 82 %
 Peak intensity 4.850 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED Oslon SSL 150
 FWHM 20.0°
 Efficiency 86 %
 Peak intensity 5.800 cd/lm
 Required components:



LED Oslon SSL 150
 FWHM 20.0°
 Efficiency 83 %
 Peak intensity 6.100 cd/lm
 Required components:
 C14446_FLORENTINA-SHD

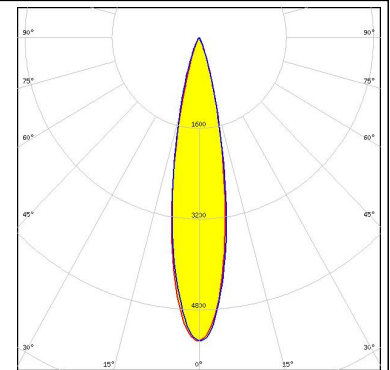


PHOTOMETRIC DATA (MEASURED):

OSRAM

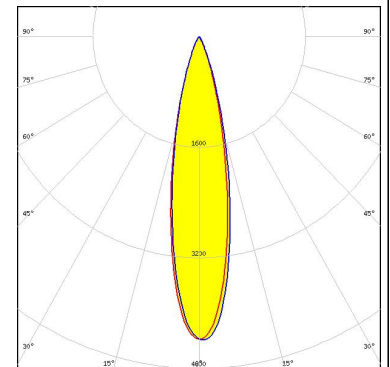
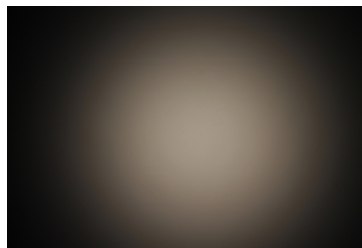
Opto Semiconductors

LED Oslon SSL 80
FWHM 20.0°
Efficiency 83 %
Peak intensity 5.360 cd/lm
Required components:
C14446_FLORENTINA-SHD



SAMSUNG

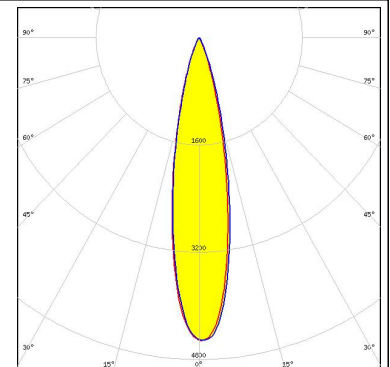
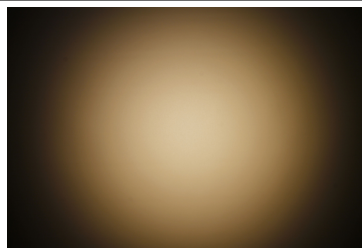
LED LH351B
FWHM 22.0°
Efficiency 84 %
Peak intensity 4.390 cd/lm
Required components:
C14446_FLORENTINA-SHD



TOSHIBA

Leading Innovation >>>

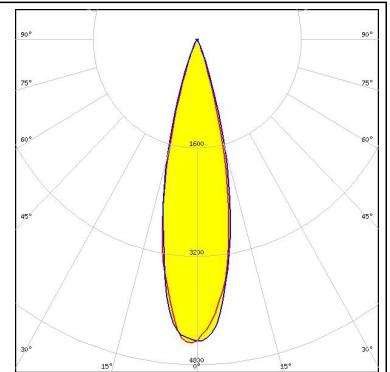
LED TL1L4
FWHM 22.0°
Efficiency 81 %
Peak intensity 4.520 cd/lm
Required components:
C14446_FLORENTINA-SHD



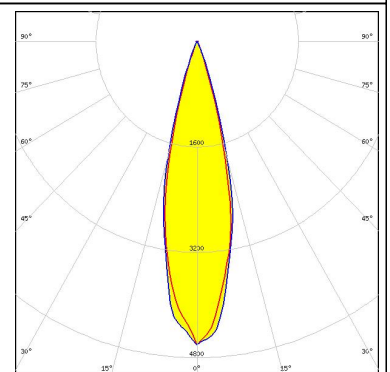
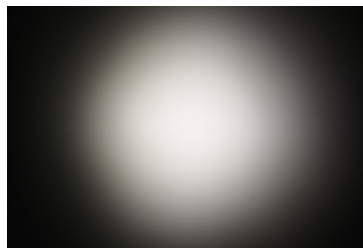
PHOTOMETRIC DATA (SIMULATED):



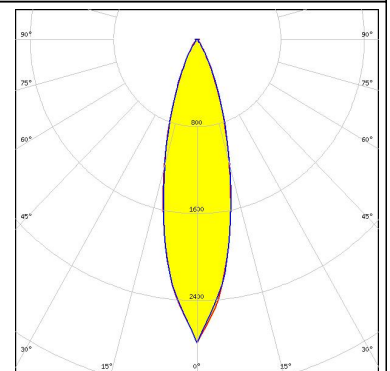
LED XQ-E
FWHM 25.0°
Efficiency 89 %
Peak intensity 4.600 cd/lm
Required components:
C14446_FLORENTINA-SHD



LED XQ-E HI
FWHM 26.0°
Efficiency 89 %
Peak intensity 4.700 cd/lm
Required components:
C14446_FLORENTINA-SHD



LED NWSx229A
FWHM 27.0°
Efficiency 84 %
Peak intensity 2.790 cd/lm
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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

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