

FLORENTINA-HLD-D

~18° diffused spot beam

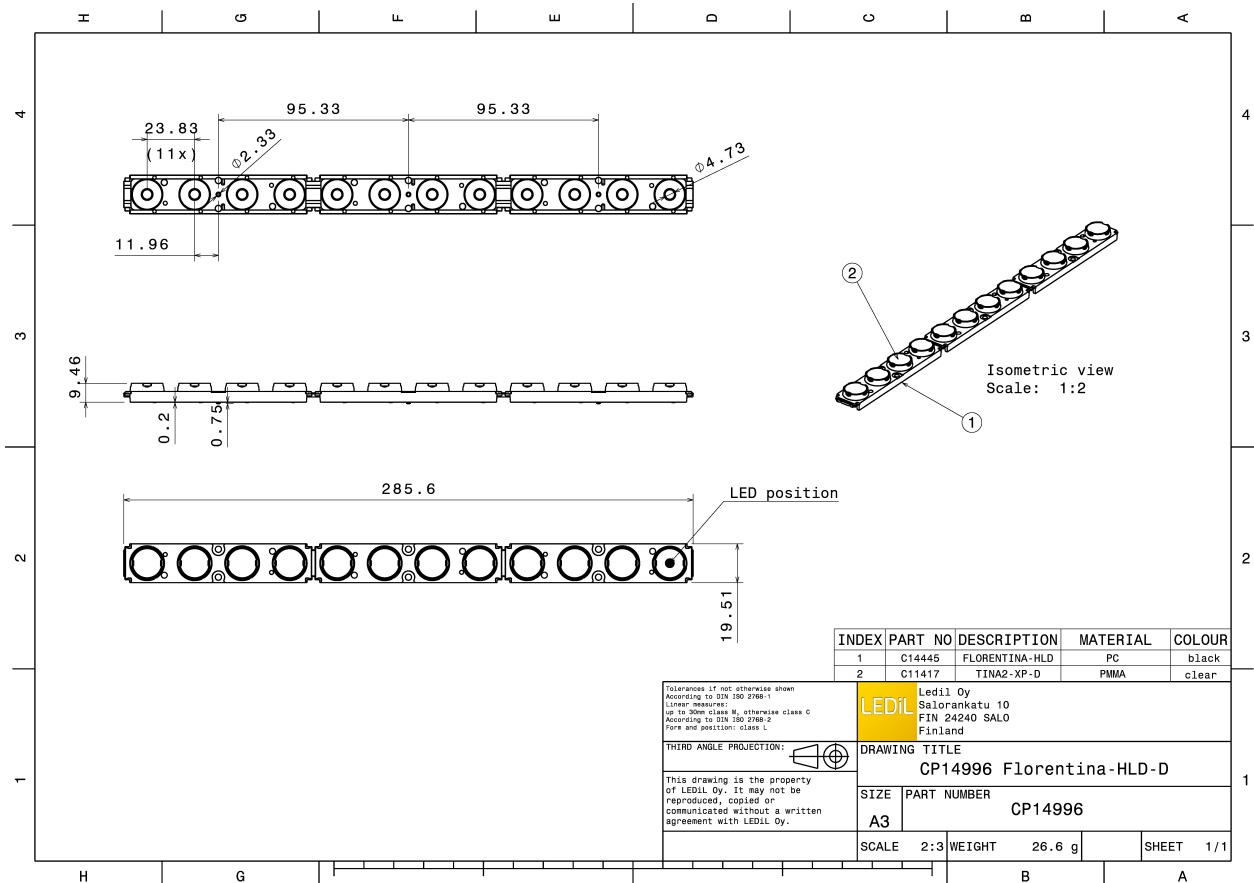
TECHNICAL SPECIFICATIONS:

Dimensions	285.6+19.5 mm
Height	9.5 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 140 mm
Box weight	5.2 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

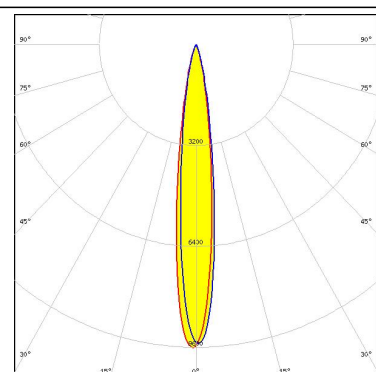
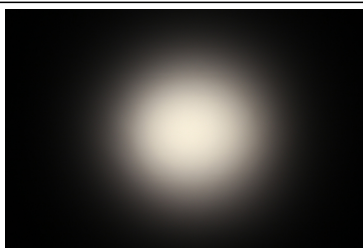
Component	Type	Material	Colour
TINA2-XP-D	Lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black



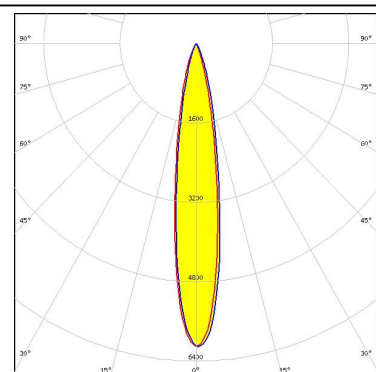
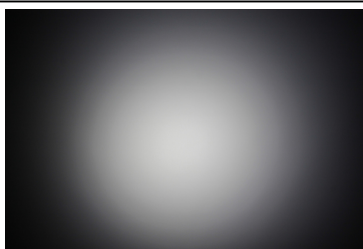
PHOTOMETRIC DATA (MEASURED):



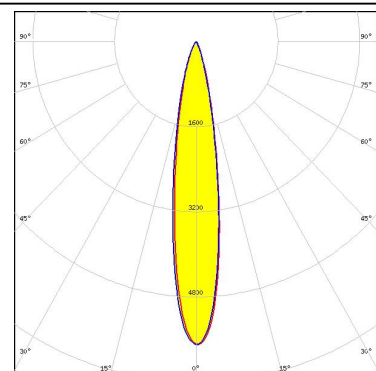
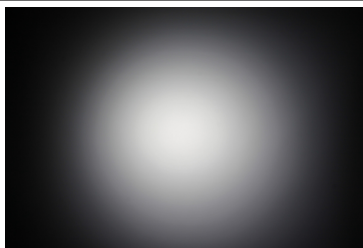
LED XP-E2
FWHM 13.0°
Efficiency 84 %
Peak intensity 9.620 cd/lm
Required components:
C14446_FLORENTINA-SHD



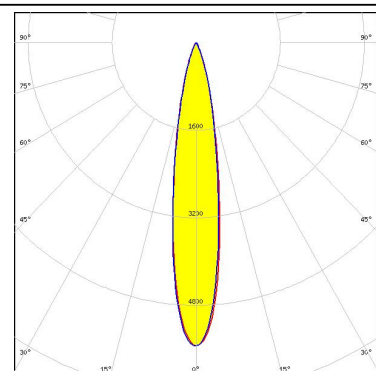
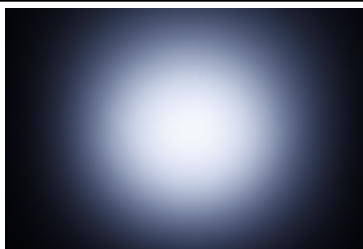
LED XP-G2
FWHM 17.0°
Efficiency 82 %
Peak intensity 6.200 cd/lm
Required components:
C14446_FLORENTINA-SHD



LED H35C1 (LEMWA33)
FWHM 18.0°
Efficiency 82 %
Peak intensity 5.700 cd/lm
Required components:
C14446_FLORENTINA-SHD



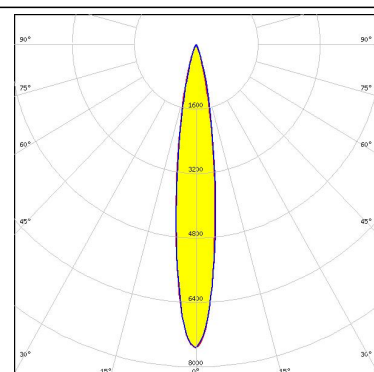
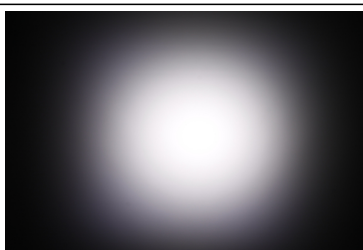
LED LUXEON Rebel ES
FWHM 18.0°
Efficiency 81 %
Peak intensity 5.500 cd/lm
Required components:
C14446_FLORENTINA-SHD



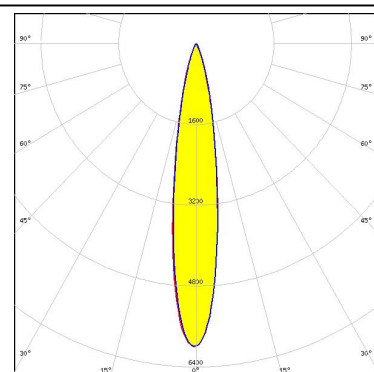
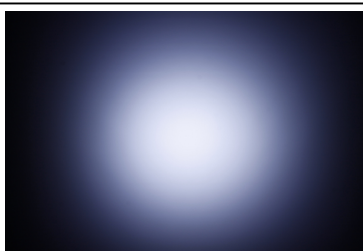
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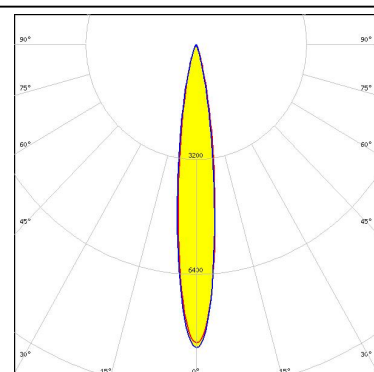
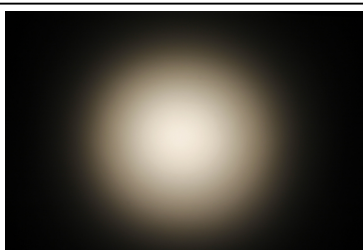
LED LUXEON Rebel Plus
FWHM 15.0°
Efficiency 82 %
Peak intensity 7.500 cd/lm
Required components:
C14446_FLORENTINA-SHD



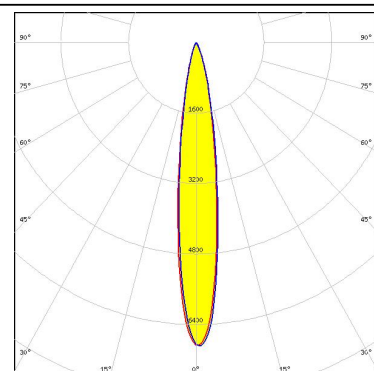
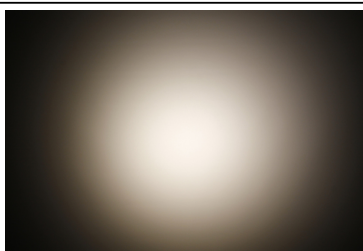
LED LUXEON TX
FWHM 17.0°
Efficiency 82 %
Peak intensity 6.000 cd/lm
Required components:
C14446_FLORENTINA-SHD



LED LUXEON Z ES
FWHM 15.0°
Efficiency 82 %
Peak intensity 8.530 cd/lm
Required components:
C14446_FLORENTINA-SHD



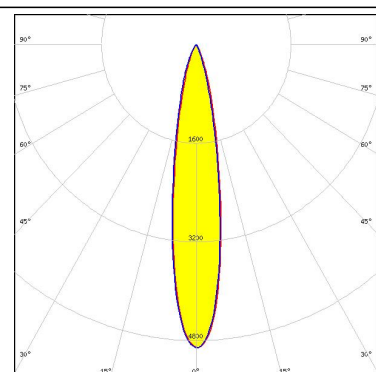
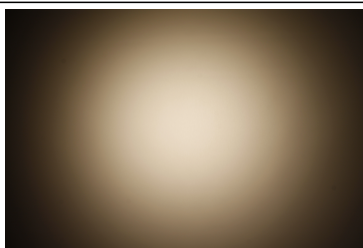
LED NCSxx19B
FWHM 15.0°
Efficiency 79 %
Peak intensity 6.900 cd/lm
Required components:
C14446_FLORENTINA-SHD



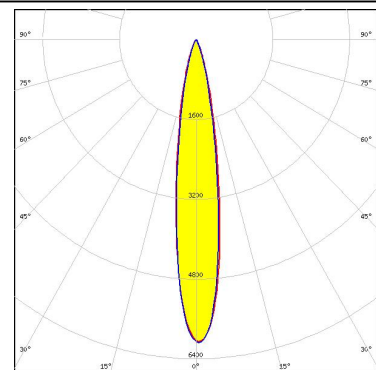
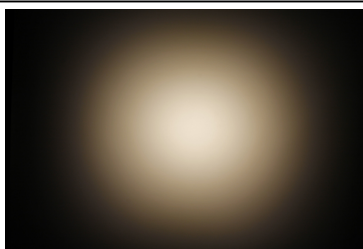
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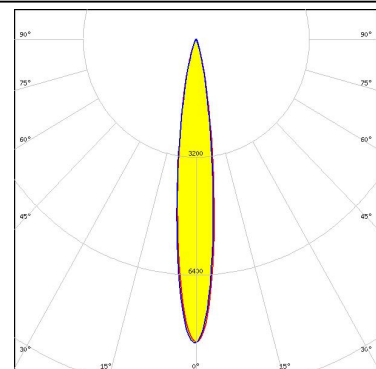
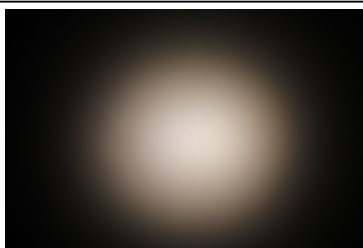
LED NVSxx19B/NVSxx19C
 FWHM 19.0°
 Efficiency 78 %
 Peak intensity 4.920 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



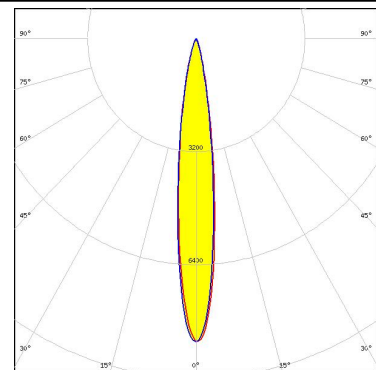
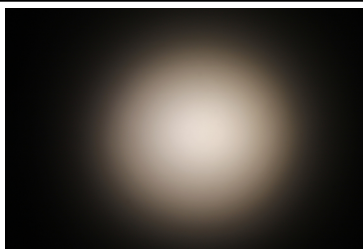
LED Oslon Square EC
 FWHM 17.0°
 Efficiency 80 %
 Peak intensity 6.080 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED Oslon SSL 150
 FWHM 14.0°
 Efficiency 84 %
 Peak intensity 8.200 cd/lm
 Required components:



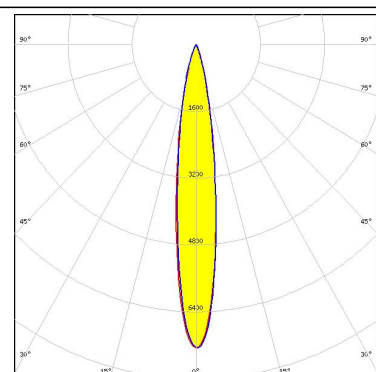
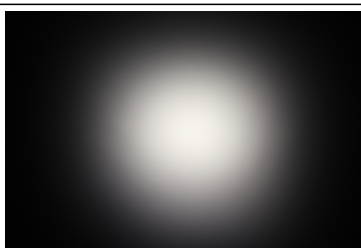
LED Oslon SSL 150
 FWHM 14.0°
 Efficiency 80 %
 Peak intensity 8.600 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

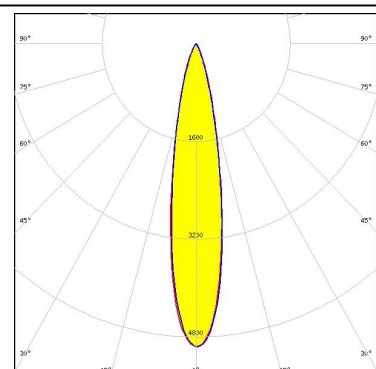
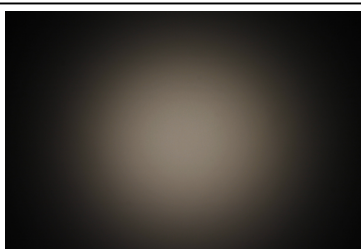
OSRAM
Opto Semiconductors

LED Oslon SSL 80
FWHM 15.0°
Efficiency 82 %
Peak intensity 7.270 cd/lm
Required components:
C14446_FLORENTINA-SHD



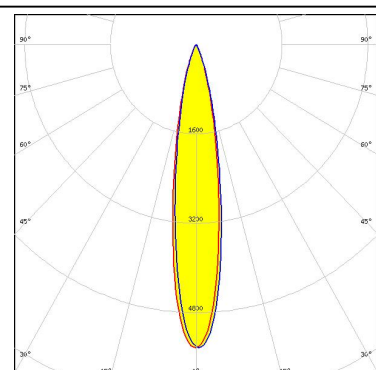
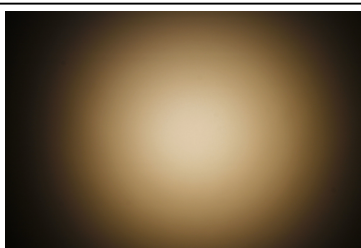
SAMSUNG

LED LH351B
FWHM 20.0°
Efficiency 82 %
Peak intensity 4.970 cd/lm
Required components:
C14446_FLORENTINA-SHD



TOSHIBA
Leading Innovation >>>

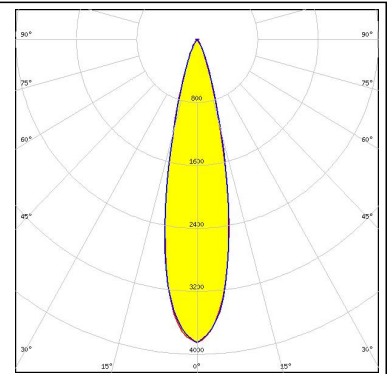
LED TL1L4
FWHM 18.0°
Efficiency 80 %
Peak intensity 5.430 cd/lm
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (SIMULATED):



LED NWSx229A
 FWHM 24.0°
 Efficiency 86 %
 Peak intensity 3.870 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:

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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