

FLORENTINA-HLD-M

~30° medium beam

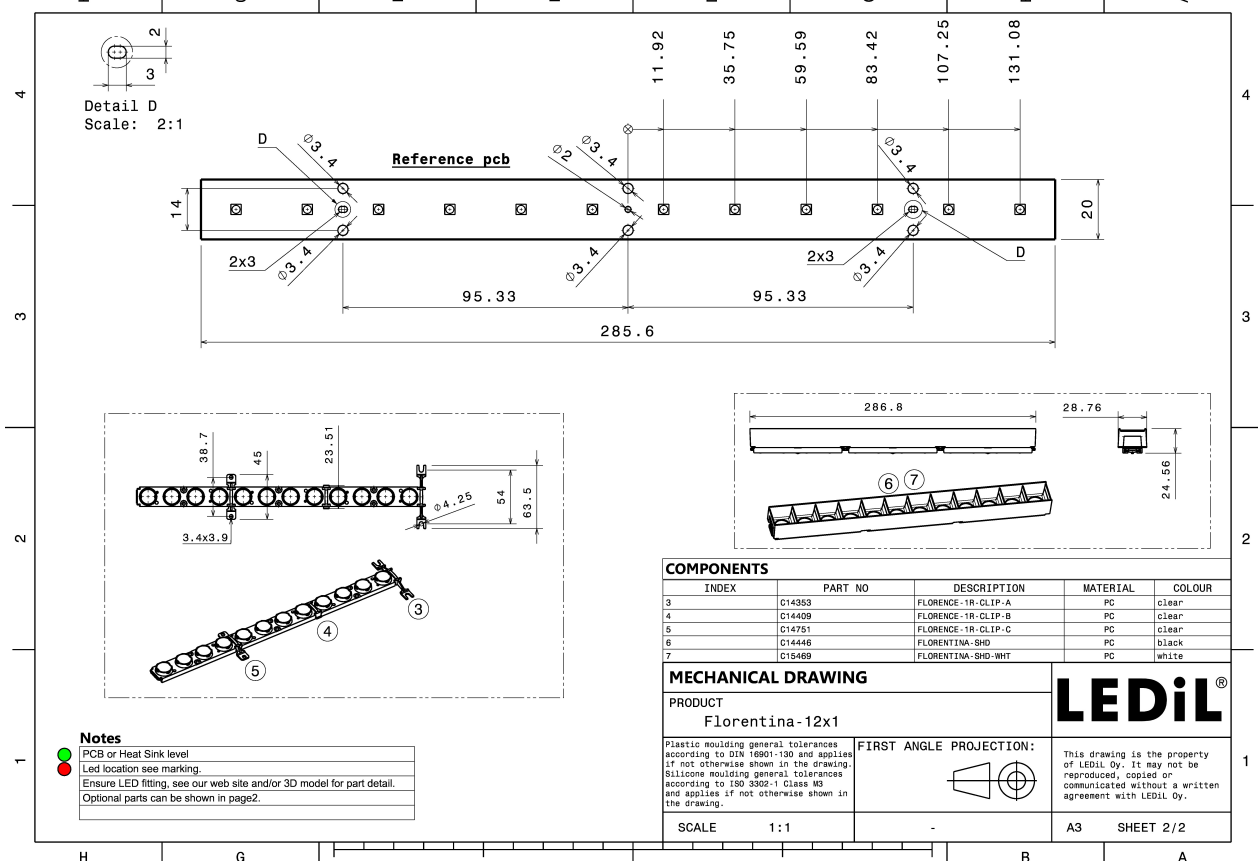
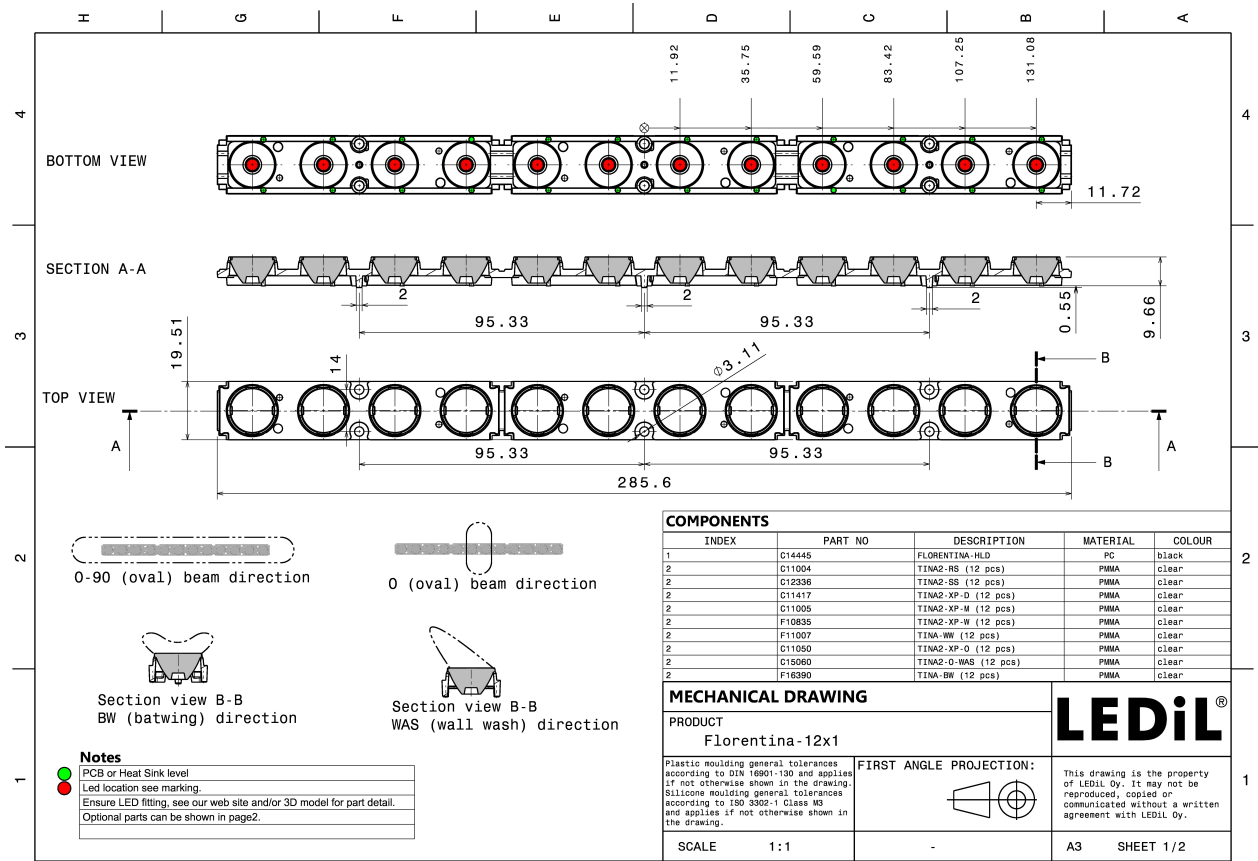
TECHNICAL SPECIFICATIONS:

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	5.2 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

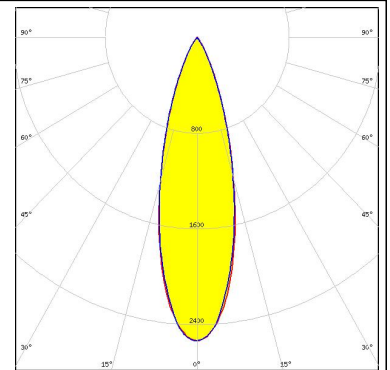
Component	Type	Material	Colour
TINA2-XP-M	Single lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black



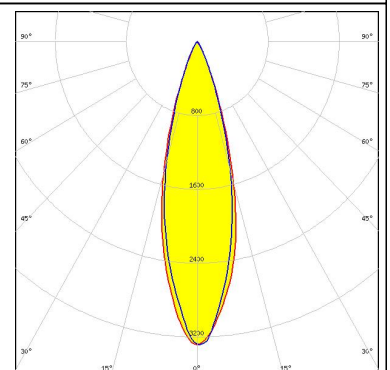
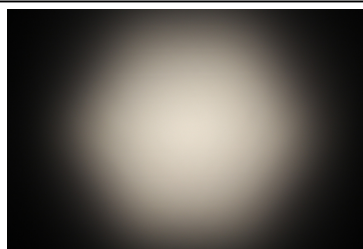
PHOTOMETRIC DATA (MEASURED):



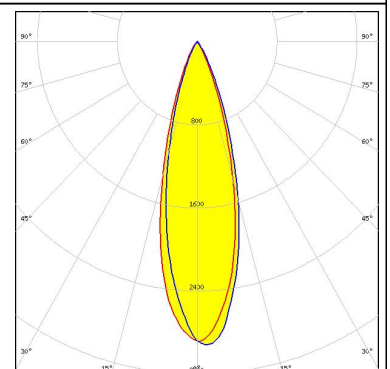
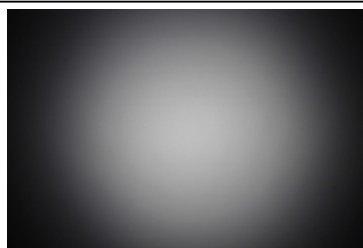
LED QUICK FLUX LED FL-XG 1x12 xxx
 FWHM 29.0°
 Efficiency 79 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



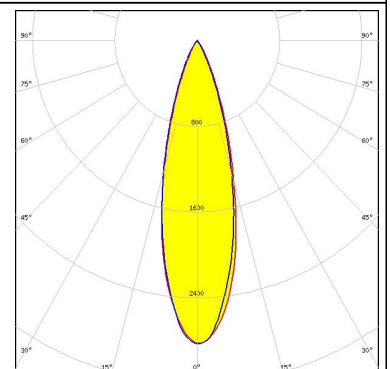
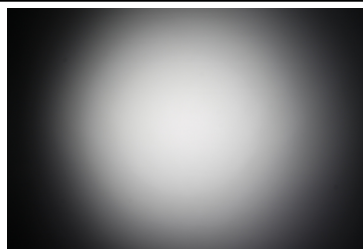
LED XP-E2
 FWHM 29.0°
 Efficiency 81 %
 Peak intensity 3.280 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED XP-G2
 FWHM 29.0°
 Efficiency 82 %
 Peak intensity 2.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



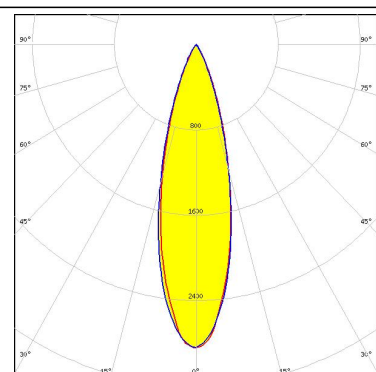
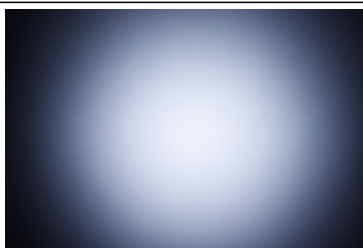
LED H35C1 (LEMWA33)
 FWHM 28.0°
 Efficiency 79 %
 Peak intensity 2.830 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



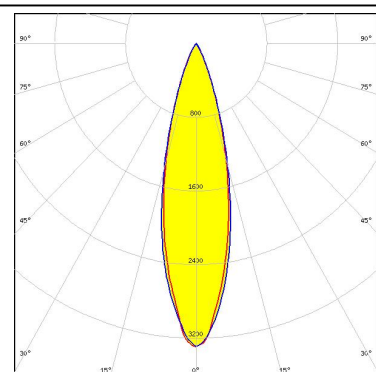
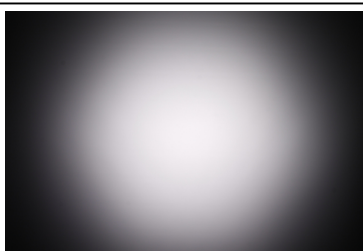
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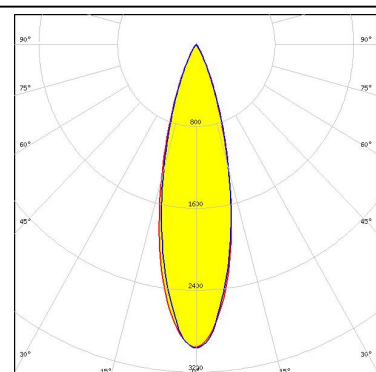
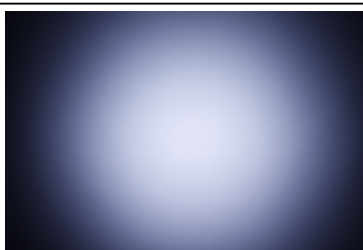
LED LUXEON Rebel ES
FWHM 28.0°
Efficiency 78 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



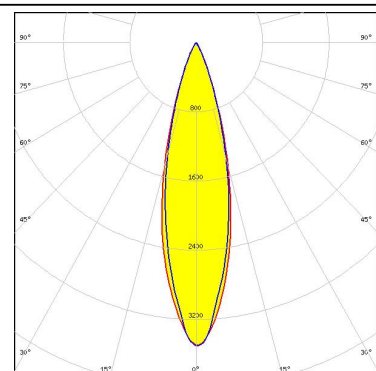
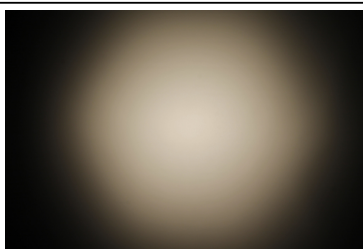
LED LUXEON Rebel Plus
FWHM 26.0°
Efficiency 80 %
Peak intensity 3.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED LUXEON TX
FWHM 28.0°
Efficiency 79 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



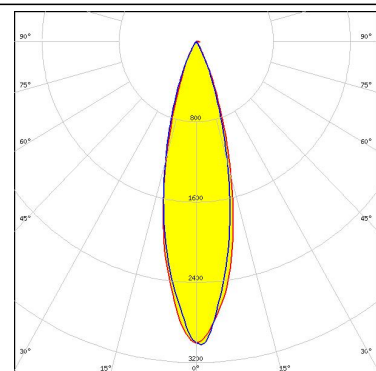
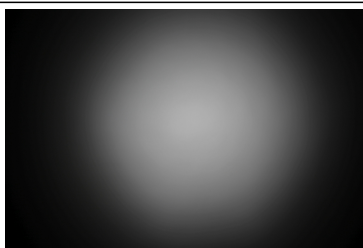
LED LUXEON Z ES
FWHM 26.0°
Efficiency 81 %
Peak intensity 3.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



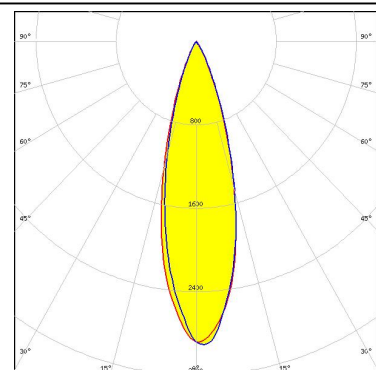
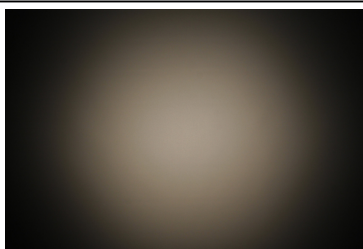
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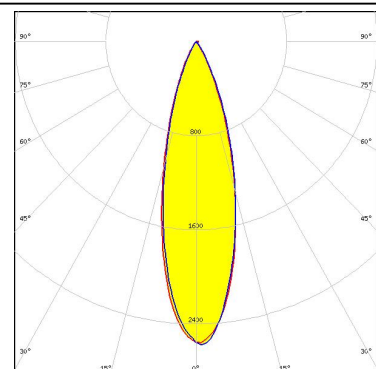
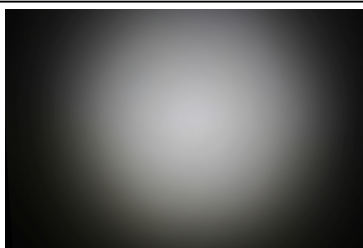
LED NCSxE17A
FWHM 27.0°
Efficiency 77 %
Peak intensity 3.000 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



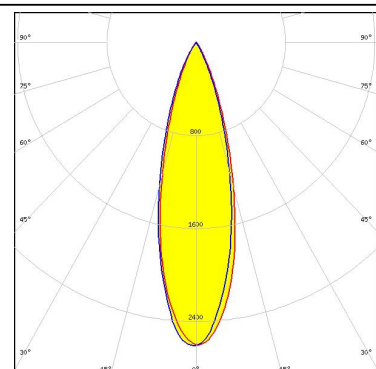
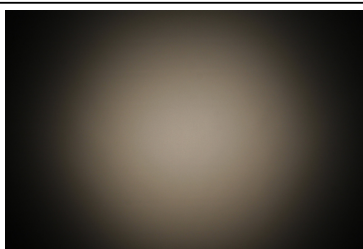
LED NCSxx19B
FWHM 28.0°
Efficiency 79 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



LED NF2x757G
FWHM 29.0°
Efficiency 77 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



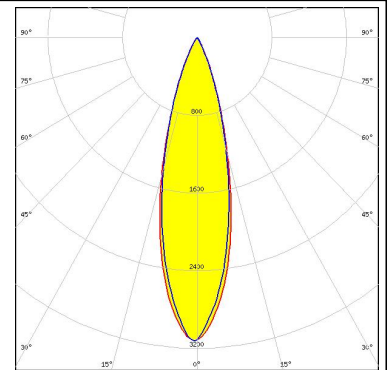
LED NVSxx19B/NVSxx19C
FWHM 29.0°
Efficiency 77 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

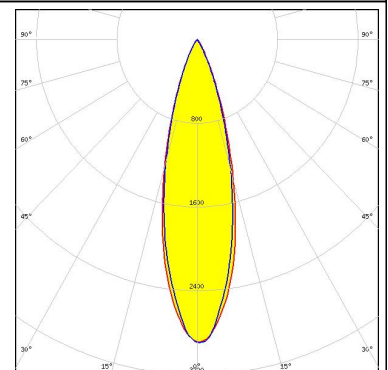
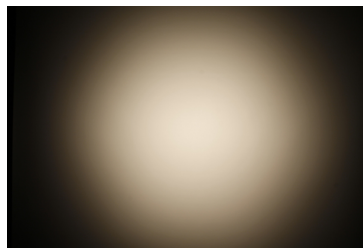
OSRAM Opto Semiconductors

LED Duris S5 (Single chip)
FWHM 27.0°
Efficiency 80 %
Peak intensity 3.100 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



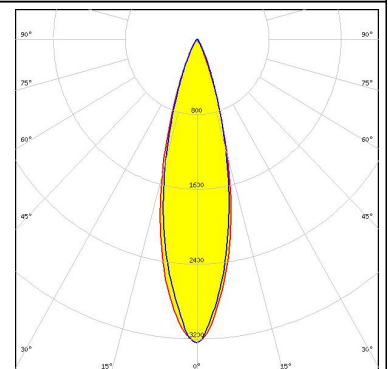
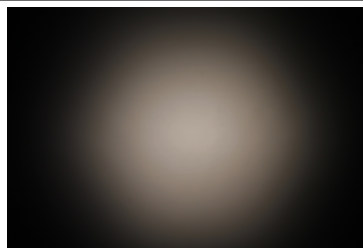
OSRAM Opto Semiconductors

LED Oslon Square EC
FWHM 28.0°
Efficiency 78 %
Peak intensity 2.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



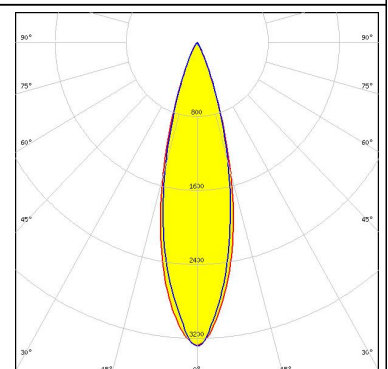
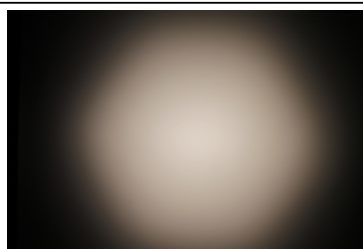
OSRAM Opto Semiconductors

LED Oslon SSL 150
FWHM 27.0°
Efficiency 83 %
Peak intensity 3.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



OSRAM Opto Semiconductors

LED Oslon SSL 150
FWHM 28.0°
Efficiency 80 %
Peak intensity 3.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD

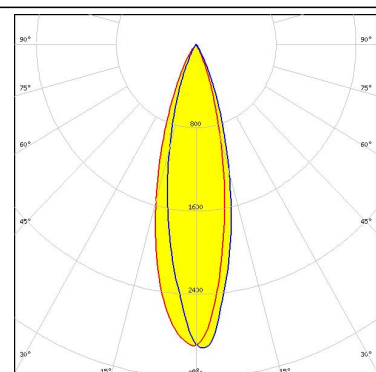
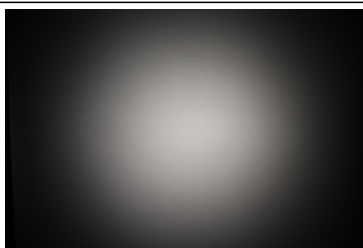


PHOTOMETRIC DATA (MEASURED):

OSRAM

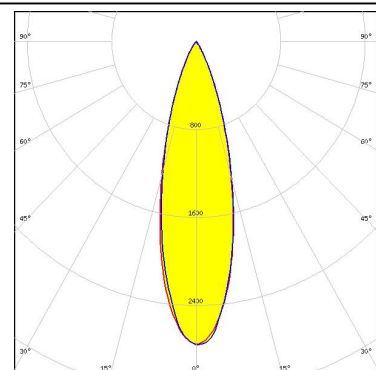
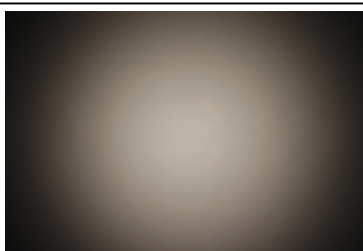
Opto Semiconductors

LED Oslon SSL 80
FWHM 26.0°
Efficiency 76 %
Peak intensity 2.930 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



SAMSUNG

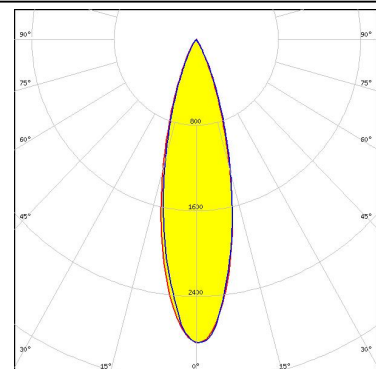
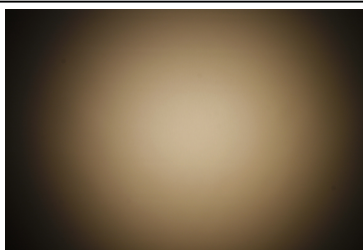
LED LH351B
FWHM 28.0°
Efficiency 79 %
Peak intensity 2.770 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



TOSHIBA

Leading Innovation >>>

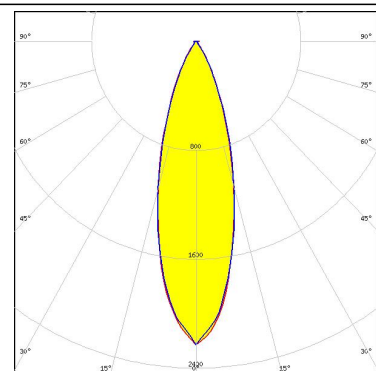
LED TL1L4
FWHM 27.0°
Efficiency 76 %
Peak intensity 2.840 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (SIMULATED):



LED NWSx229A
FWHM 30.0°
Efficiency 82 %
Peak intensity 2.290 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:

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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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