

FLORENTINA-HLD-W

~40° wide beam

TECHNICAL SPECIFICATIONS:


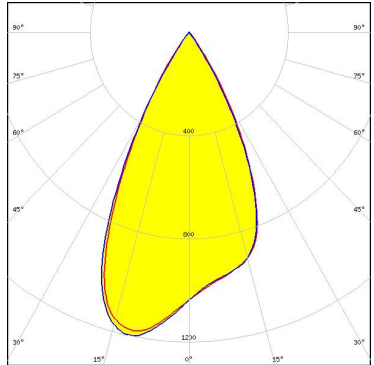
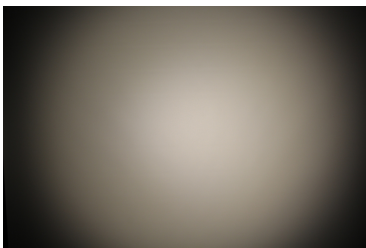
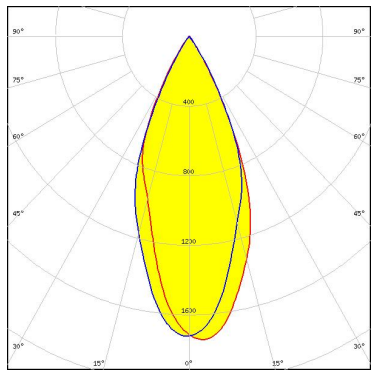

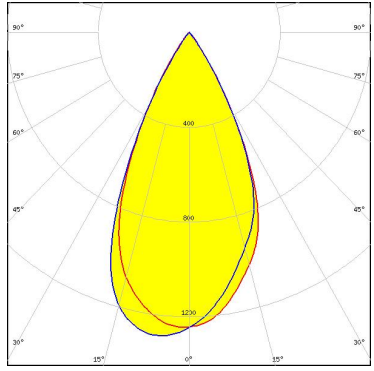
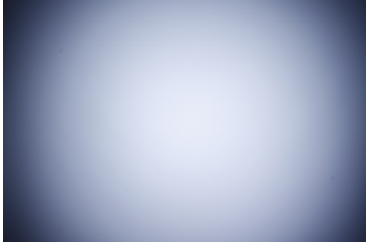
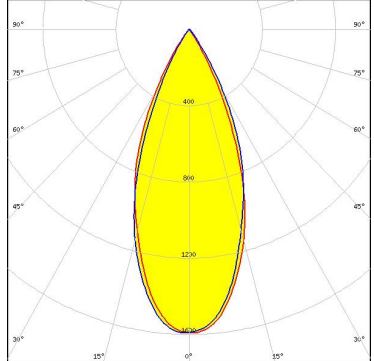
Dimensions	285.6 x 19.5 mm
Height	9.5 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 140 mm
Box weight	5.2 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
TINA-XP-W	Single lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black

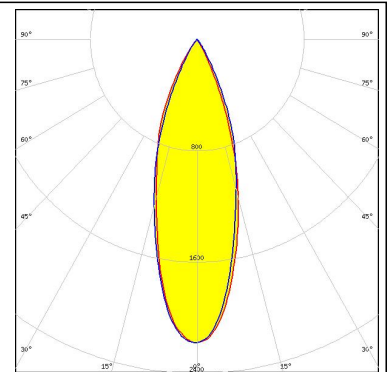
PHOTOMETRIC DATA (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED QUICK FLUX LED FL-XG 1x12 xxx</p> <p>FWHM 51.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 1.300 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>CREE</p> <p>LED XP-E2</p> <p>FWHM 42.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 1.750 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>LG Innotek</p> <p>LED H35C1 (LEMWA33)</p> <p>FWHM 51.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 1.290 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		
<p>LUMILEDS</p> <p>LED LUXEON Rebel ES</p> <p>FWHM 43.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 1.600 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		

PHOTOMETRIC DATA (MEASURED):

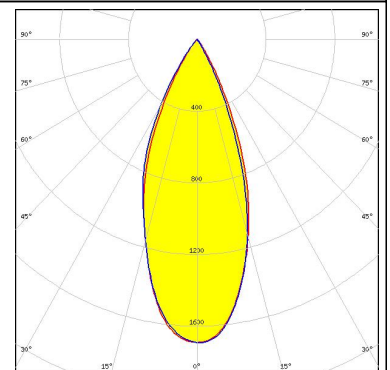
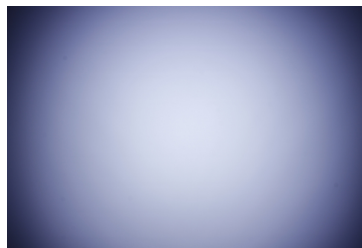
LUMILEDS

LED LUXEON Rebel Plus
 FWHM 33.0°
 Efficiency 83 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



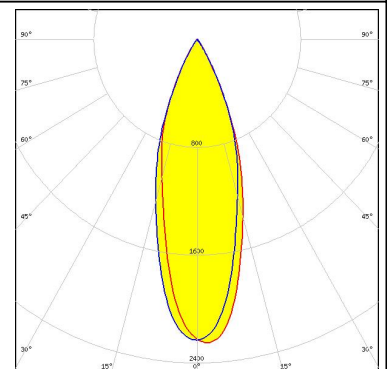
LUMILEDS

LED LUXEON TX
 FWHM 41.0°
 Efficiency 82 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



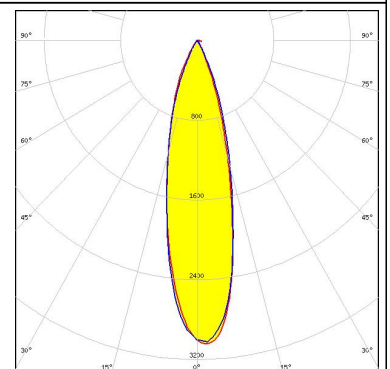
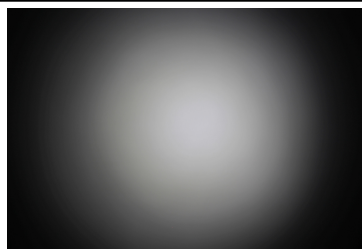
LUMILEDS

LED LUXEON Z ES
 FWHM 33.0°
 Efficiency 84 %
 Peak intensity 2.250 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD


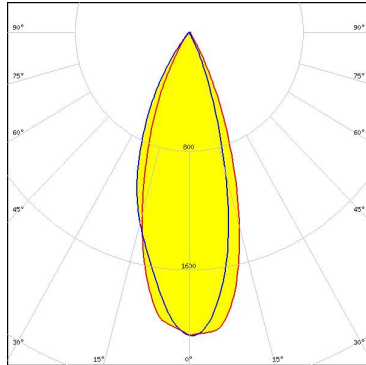

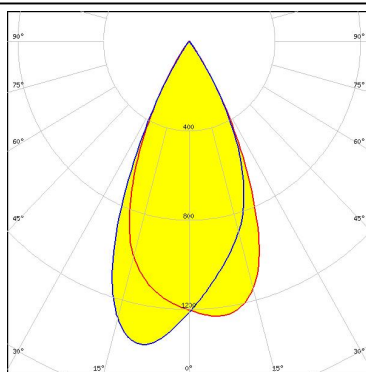
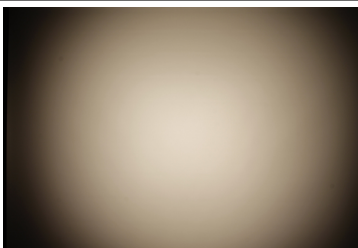
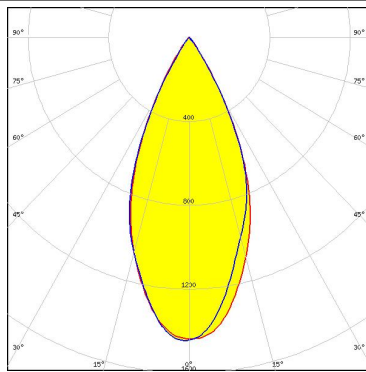

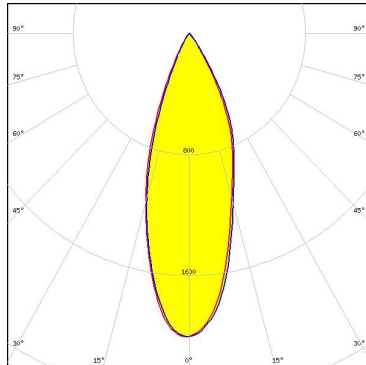


NICHIA

LED NCSxE17A
 FWHM 26.0°
 Efficiency 81 %
 Peak intensity 3.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

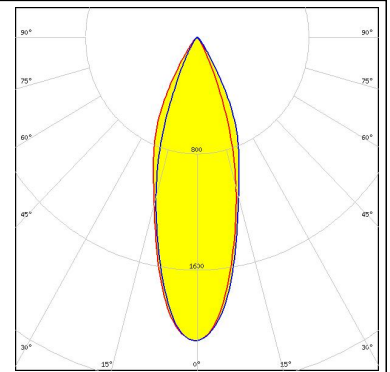
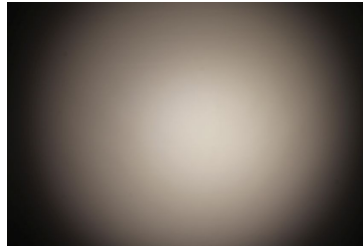
<p>NICHIA</p> <p>LED NF2x757G FWHM 36.0° Efficiency 84 % Peak intensity 2.000 cd/lm LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 48.0° Efficiency 79 % Peak intensity 1.400 cd/lm LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon Square EC FWHM 46.0° Efficiency 80 % Peak intensity 1.450 cd/lm LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon SSL 150 FWHM 34.0° Efficiency 81 % Peak intensity 2.000 cd/lm LEDs/each optic 1 Light colour White Required components: C14446_FLORENTINA-SHD</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

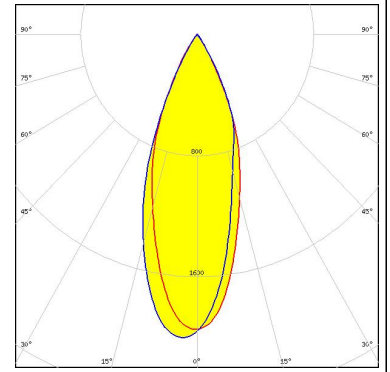
LED Oslon SSL 150
 FWHM 33.0°
 Efficiency 85 %
 Peak intensity 2.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

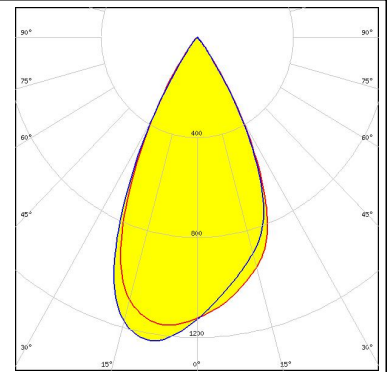
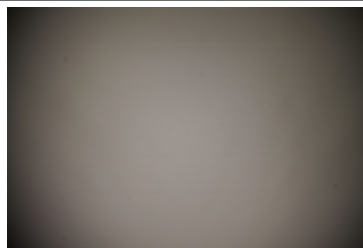
Opto Semiconductors

LED Oslon SSL 80
 FWHM 35.0°
 Efficiency 83 %
 Peak intensity 2.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



SAMSUNG

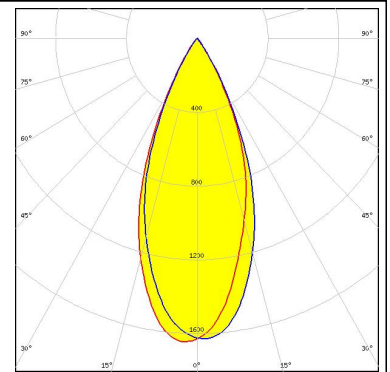
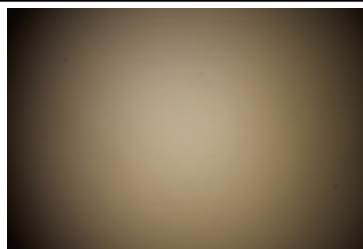
LED LH351B
 FWHM 52.0°
 Efficiency 82 %
 Peak intensity 1.260 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



TOSHIBA

Leading Innovation >>>

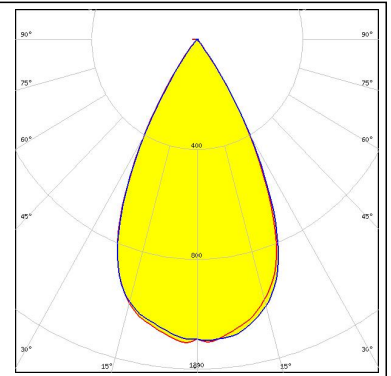
LED TL1L4
 FWHM 42.0°
 Efficiency 82 %
 Peak intensity 1.650 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (SIMULATED):



LED NWSx229A
FWHM 53.0°
Efficiency 82 %
Peak intensity 0.000 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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