

FLORENTINA-HLD-D

~18° diffused spot beam

TECHNICAL SPECIFICATIONS:


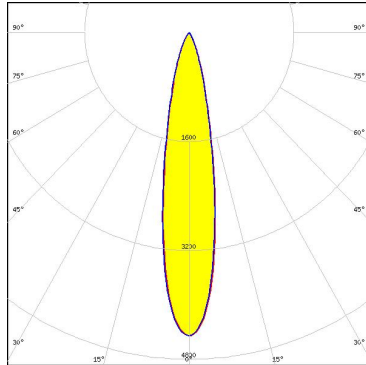

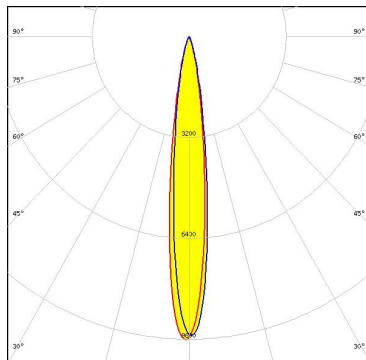
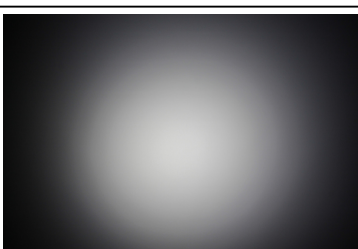
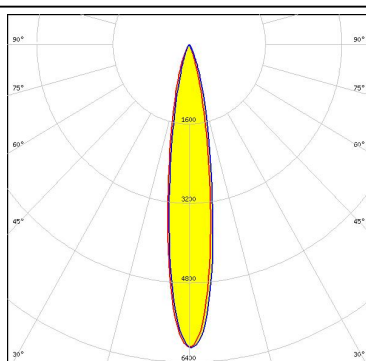

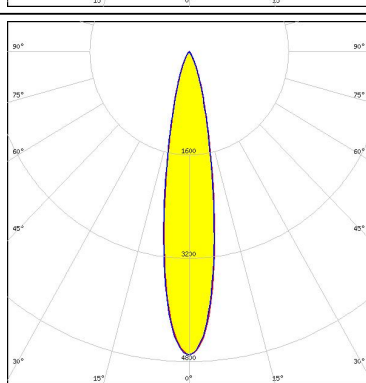
Dimensions	285.6 x 19.5 mm
Height	9.5 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 140 mm
Box weight	5.2 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

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

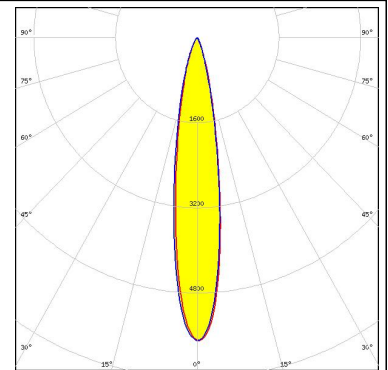
PHOTOMETRIC DATA (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED QUICK FLUX LED FL-XG 1x12 xxx</p> <p>FWHM 20.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 4.500 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 13.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 9.620 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-G2</p> <p>FWHM 17.0°</p> <p>Efficiency 82 %</p> <p>Peak intensity 6.200 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-G3</p> <p>FWHM 19.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 4.700 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14446_FLORENTINA-SHD</p>		

PHOTOMETRIC DATA (MEASURED):

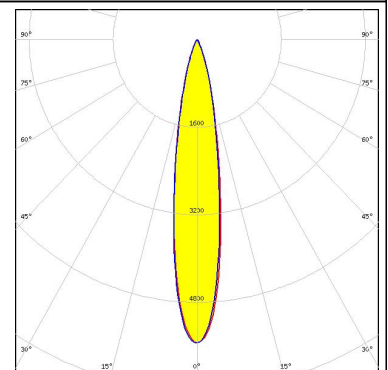
LG Innotek

LED H35C1 (LEMWA33)
 FWHM 18.0°
 Efficiency 82 %
 Peak intensity 5.700 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



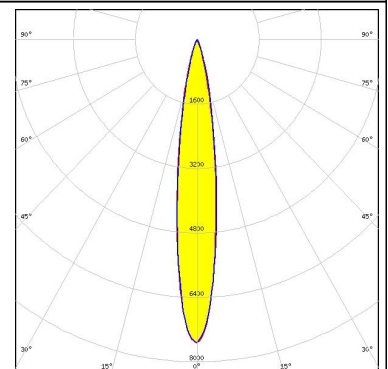
LUMILEDS

LED LUXEON Rebel ES
 FWHM 18.0°
 Efficiency 81 %
 Peak intensity 5.500 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



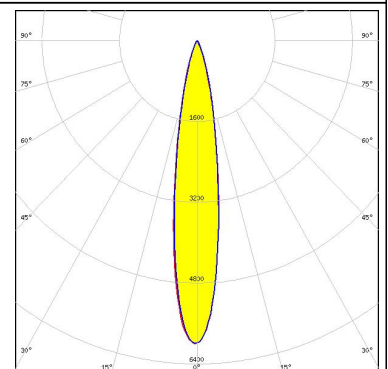
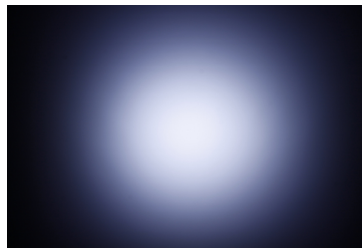
LUMILEDS

LED LUXEON Rebel Plus
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 7.500 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LUMILEDS

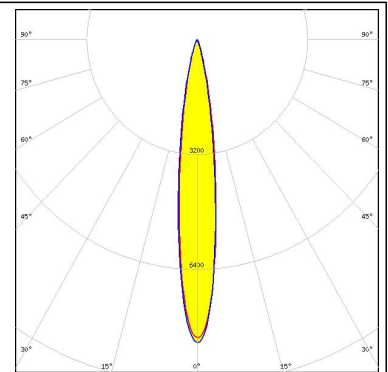
LED LUXEON TX
 FWHM 17.0°
 Efficiency 82 %
 Peak intensity 6.000 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



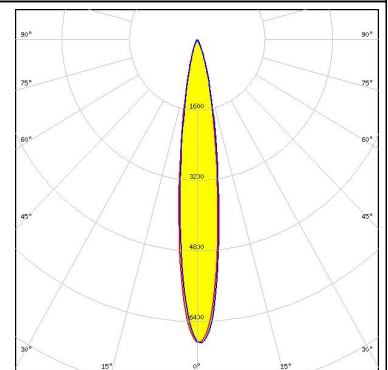
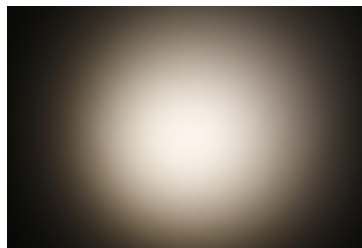
PHOTOMETRIC DATA (MEASURED):



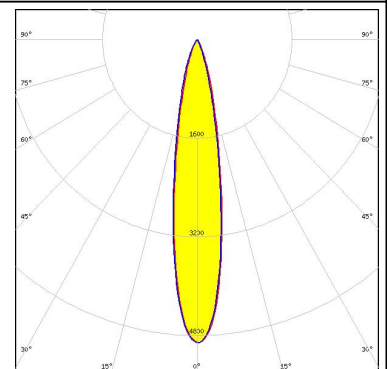
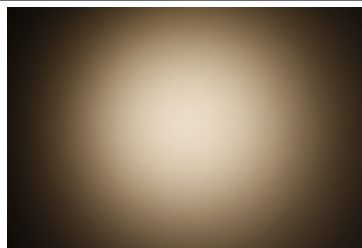
LED LUXEON Z ES
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 8.530 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



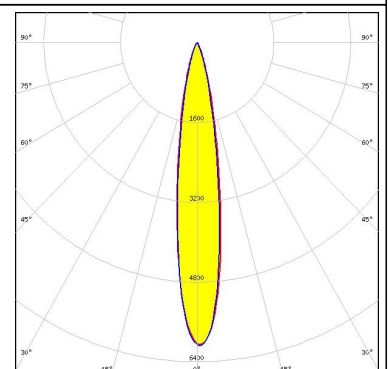
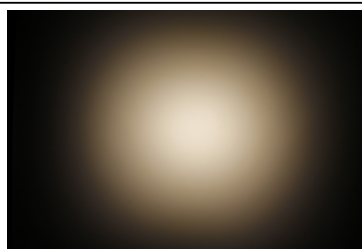
LED NCSxx19B
 FWHM 15.0°
 Efficiency 79 %
 Peak intensity 6.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED NVSxx19B/NVSxx19C
 FWHM 19.0°
 Efficiency 78 %
 Peak intensity 4.920 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



LED OSLOM Square EC
 FWHM 17.0°
 Efficiency 80 %
 Peak intensity 6.080 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD

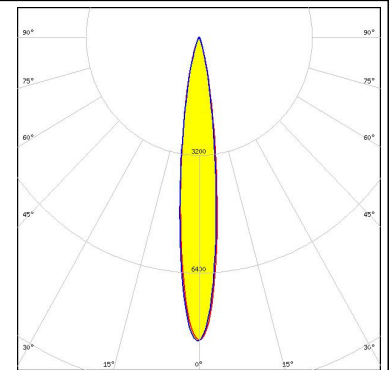


PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

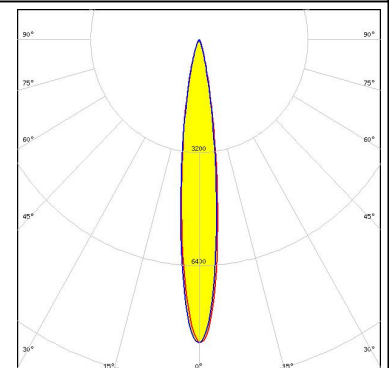
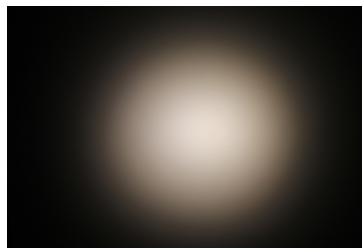
LED OSLO[™] SSL 150
 FWHM 14.0°
 Efficiency 84 %
 Peak intensity 8.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

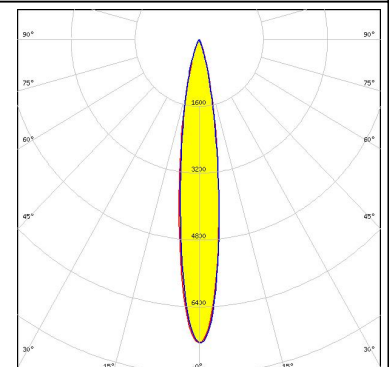
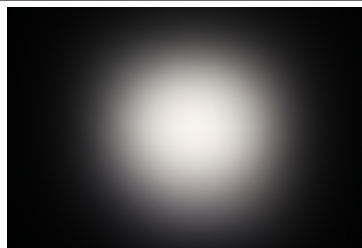
LED OSLO[™] SSL 150
 FWHM 14.0°
 Efficiency 80 %
 Peak intensity 8.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



OSRAM

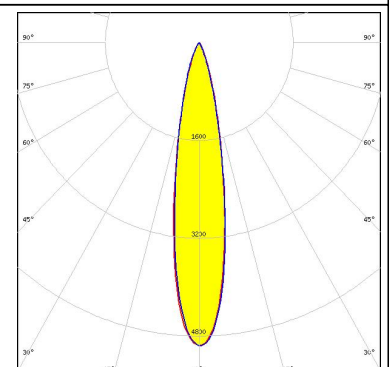
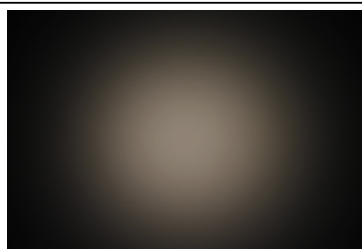
Opto Semiconductors

LED OSLO[™] SSL 80
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 7.270 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD



SAMSUNG

LED LH351B
 FWHM 20.0°
 Efficiency 82 %
 Peak intensity 4.970 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14446_FLORENTINA-SHD

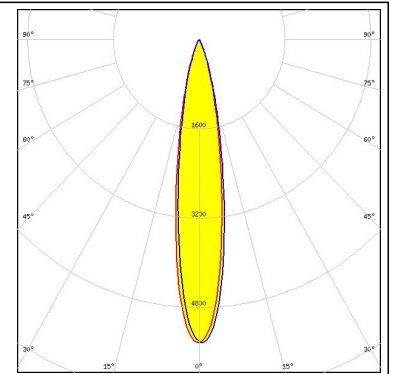
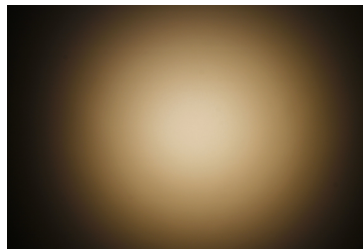


PHOTOMETRIC DATA (MEASURED):

TOSHIBA

Leading Innovation >>>

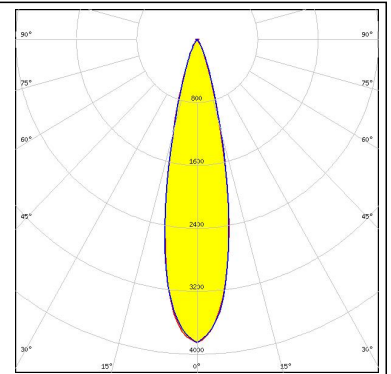
LED TL1L4
FWHM 18.0°
Efficiency 80 %
Peak intensity 5.430 cd/m
LEDs/each optic 1
Light colour White
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (SIMULATED):



LED NWSx229A
FWHM 24.0°
Efficiency 86 %
Peak intensity 3.870 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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