

FLORENTINA-HLD-O

~35° + 12° oval beam

TECHNICAL SPECIFICATIONS:

Dimensions	285.6 x 19.5 mm
Height	9.7 mm
Fastening	screw
Colour	black
Box size	398 x 298 x 140 mm
Box weight	5.4 kg
Quantity in Box	160 pcs
ROHS compliant	yes ⓘ



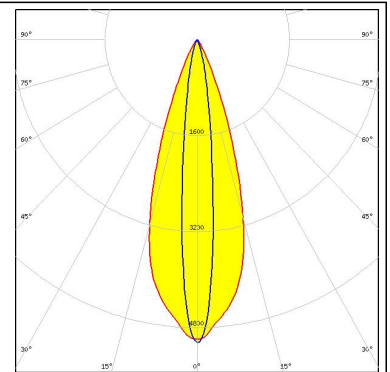
MATERIAL SPECIFICATIONS:

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

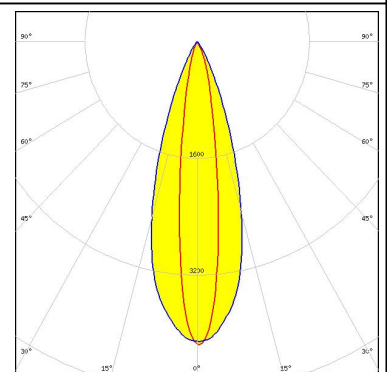
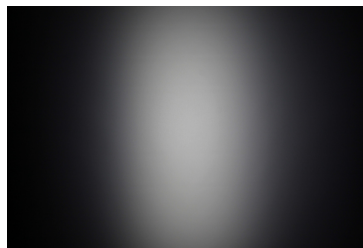
PHOTOMETRIC DATA (MEASURED):



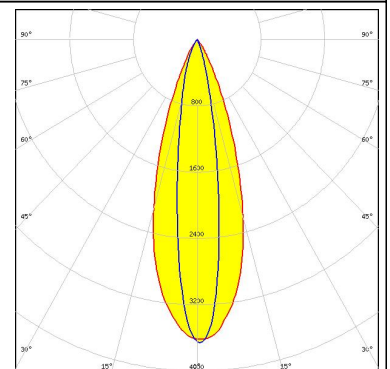
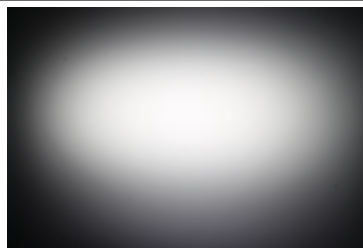
LED XP-E2
 FWHM 35.0 + 12.0°
 Efficiency 83 %
 Peak intensity 5.050 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



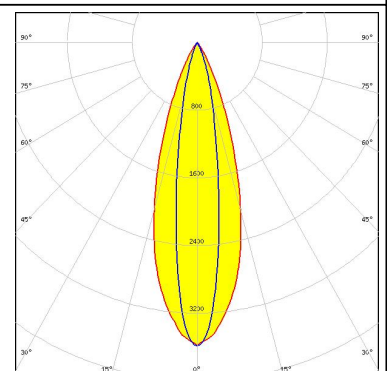
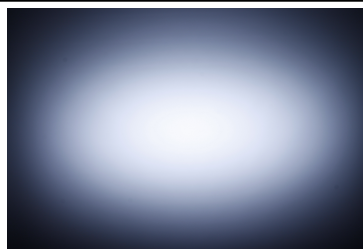
LED XP-G2
 FWHM 34.0 + 15.0°
 Efficiency 83 %
 Peak intensity 4.200 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



LED H35C1 (LEMWA33)
 FWHM 34.0 + 16.0°
 Efficiency 80 %
 Peak intensity 3.660 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



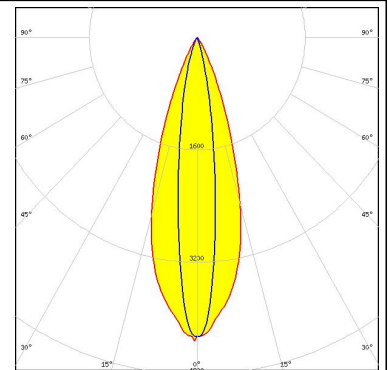
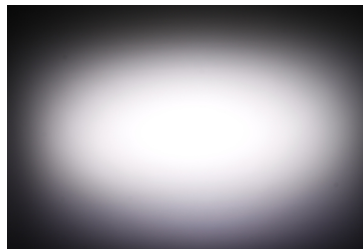
LED LUXEON Rebel ES
 FWHM 33.0 + 17.0°
 Efficiency 79 %
 Peak intensity 3.600 cd/lm
 Required components:
 C14446_FLORENTINA-SHD



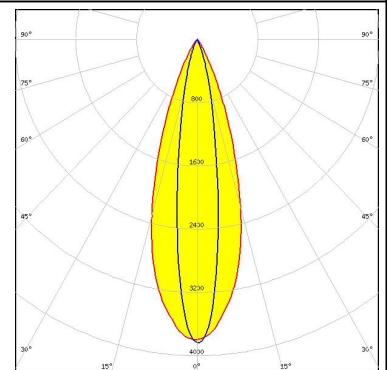
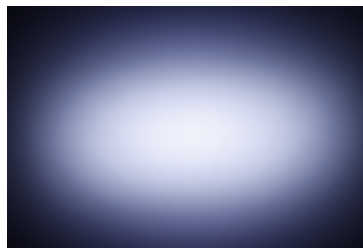
PHOTOMETRIC DATA (MEASURED):



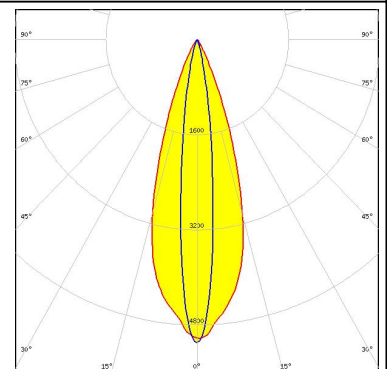
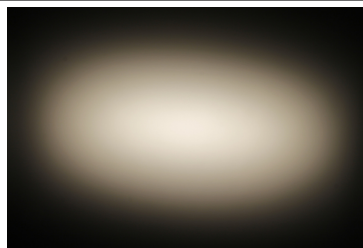
LED LUXEON Rebel Plus
FWHM 33.0 + 15.0°
Efficiency 81 %
Peak intensity 4.300 cd/lm
Required components:
C14446_FLORENTINA-SHD



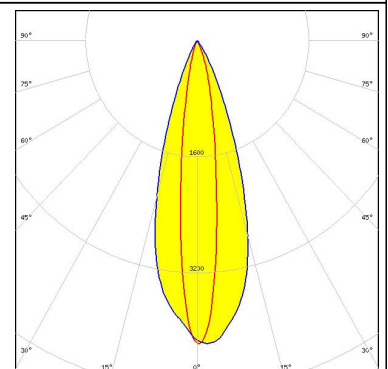
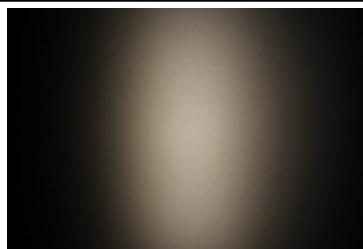
LED LUXEON TX
FWHM 34.0 + 16.0°
Efficiency 81 %
Peak intensity 3.800 cd/lm
Required components:
C14446_FLORENTINA-SHD



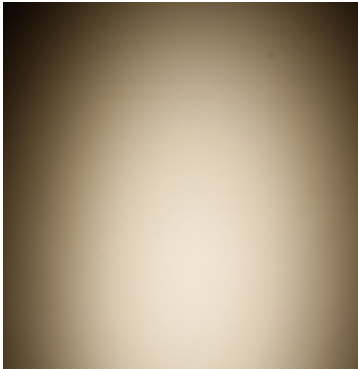
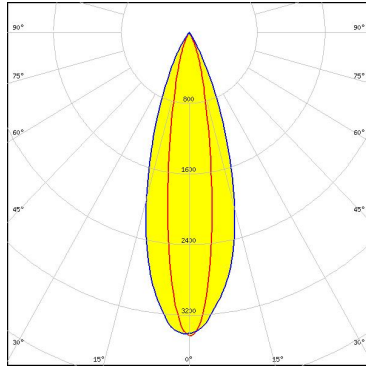

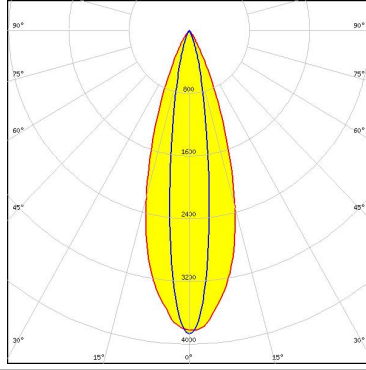

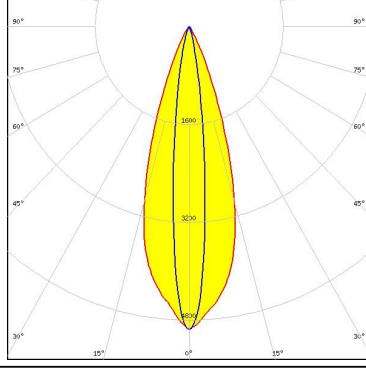

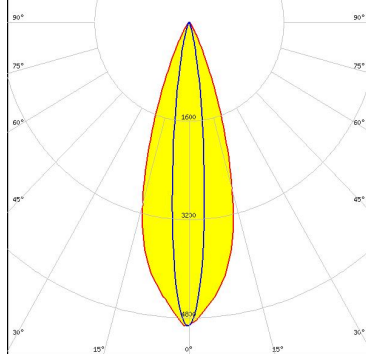
LED LUXEON Z ES
FWHM 34.0 + 13.0°
Efficiency 82 %
Peak intensity 5.100 cd/lm
Required components:
C14446_FLORENTINA-SHD



LED NCSxx19B
FWHM 34.0 + 14.0°
Efficiency 79 %
Peak intensity 4.200 cd/lm
Required components:
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 34.0 + 17.0° Efficiency 78 % Peak intensity 3.430 cd/lm Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon Square EC FWHM 34.0 + 15.0° Efficiency 79 % Peak intensity 3.870 cd/lm Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon SSL 150 FWHM 34.0 + 12.0° Efficiency 80 % Peak intensity 5.000 cd/lm Required components: C14446_FLORENTINA-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED Oslon SSL 150 FWHM 34.0 + 12.0° Efficiency 84 % Peak intensity 4.900 cd/lm Required components:</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED Oslon SSL 80

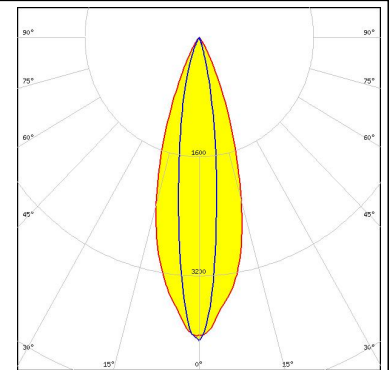
FWHM 33.0 + 15.0°

Efficiency 79 %

Peak intensity 4.080 cd/lm

Required components:

C14446_FLORENTINA-SHD



SAMSUNG

LED LH351B

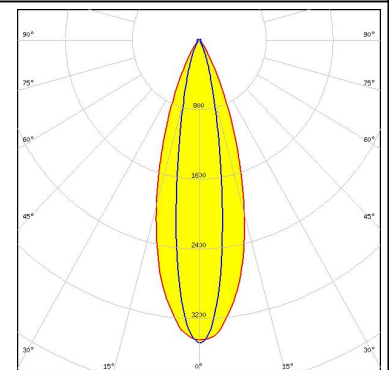
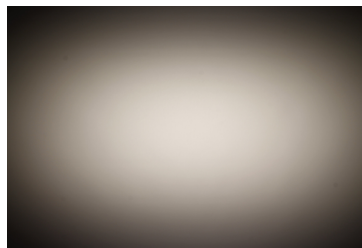
FWHM 34.0 + 18.0°

Efficiency 94 %

Peak intensity 3.480 cd/lm

Required components:

C14446_FLORENTINA-SHD



TOSHIBA

Leading Innovation >>>

LED TL1L4

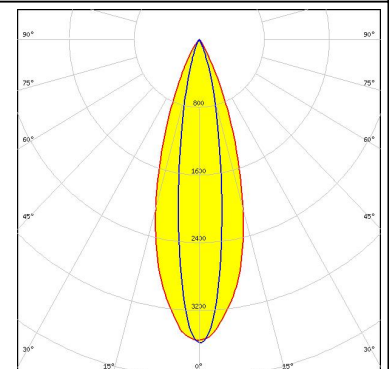
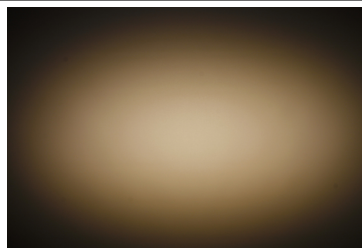
FWHM 34.0 + 17.0°

Efficiency 79 %

Peak intensity 3.590 cd/lm

Required components:

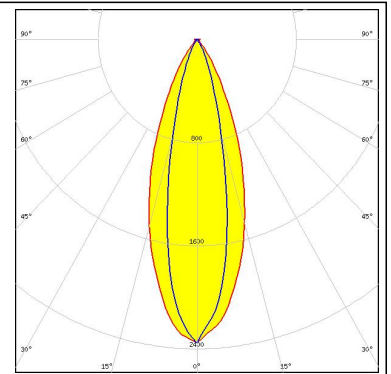
C14446_FLORENTINA-SHD



PHOTOMETRIC DATA (SIMULATED):



LED NWSx229A
FWHM 38.0 + 23.0°
Efficiency 81 %
Peak intensity 2.350 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)

Shipping locations

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