

## 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:

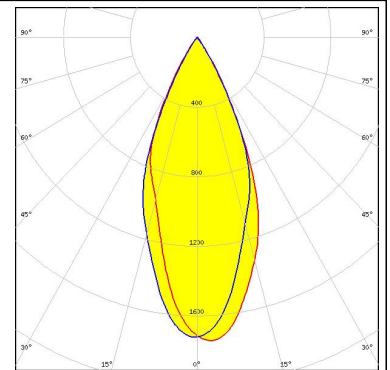
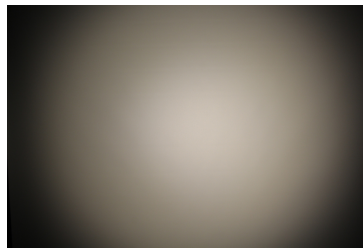
Component	Type	Material	Colour
TINA-XP-W	Lens	PMMA	clear
FLORENTINA-HLD	Holder	PC	black



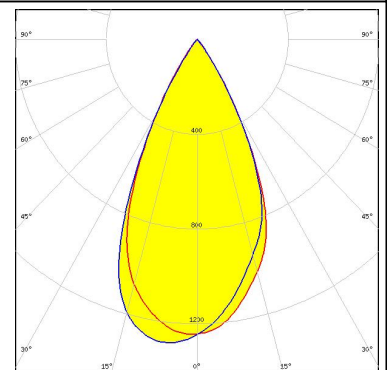
#### PHOTOMETRIC DATA (MEASURED):



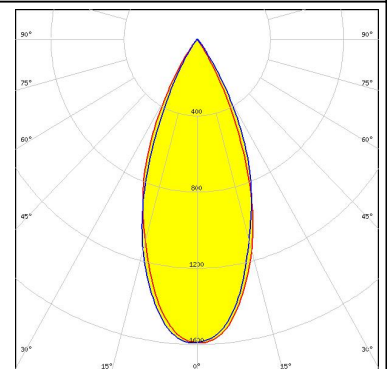
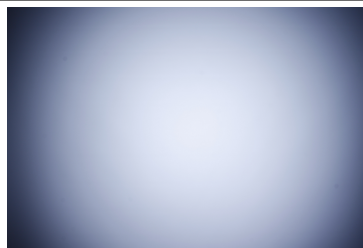
LED XP-E2  
 FWHM 42.0°  
 Efficiency 84 %  
 Peak intensity 1.750 cd/lm  
 Required components:  
 C14446\_FLORENTINA-SHD



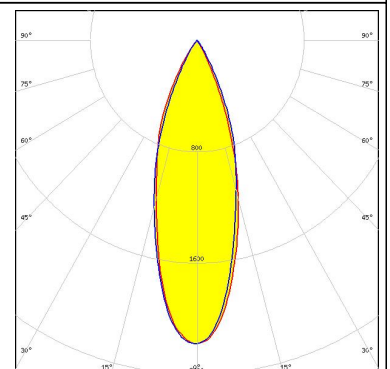
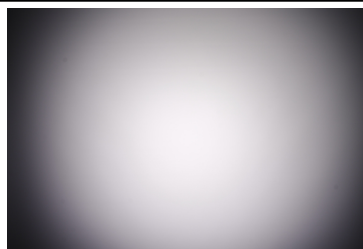
LED H35C1 (LEMWA33)  
 FWHM 51.0°  
 Efficiency 82 %  
 Peak intensity 1.290 cd/lm  
 Required components:  
 C14446\_FLORENTINA-SHD



LED LUXEON Rebel ES  
 FWHM 43.0°  
 Efficiency 81 %  
 Peak intensity 1.600 cd/lm  
 Required components:  
 C14446\_FLORENTINA-SHD



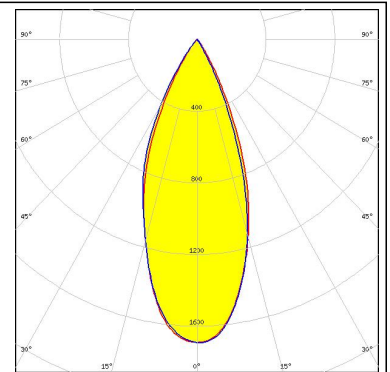
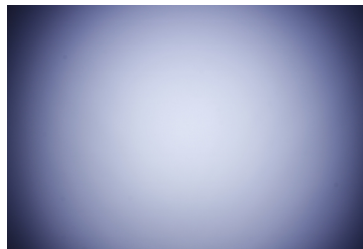
LED LUXEON Rebel Plus  
 FWHM 33.0°  
 Efficiency 83 %  
 Peak intensity 2.200 cd/lm  
 Required components:  
 C14446\_FLORENTINA-SHD



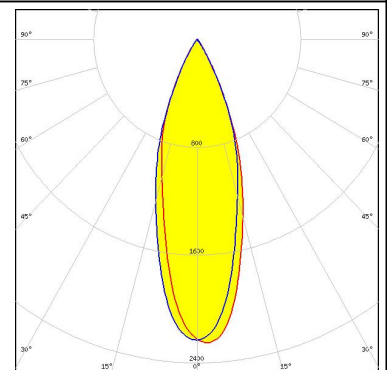
#### PHOTOMETRIC DATA (MEASURED):



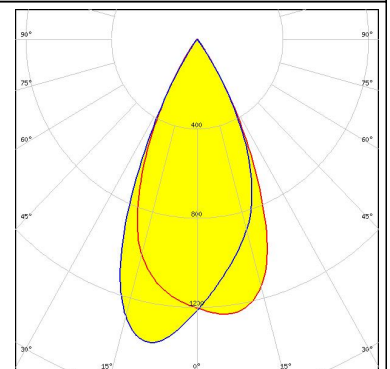
LED LUXEON TX  
FWHM 41.0°  
Efficiency 82 %  
Peak intensity 1.700 cd/lm  
Required components:  
C14446\_FLORENTINA-SHD



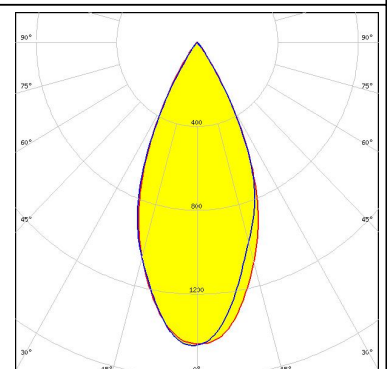
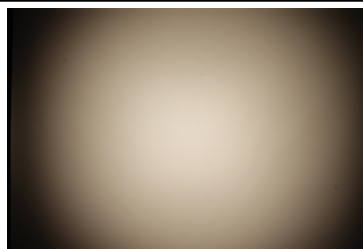
LED LUXEON Z ES  
FWHM 33.0°  
Efficiency 84 %  
Peak intensity 2.250 cd/lm  
Required components:  
C14446\_FLORENTINA-SHD



LED NVSxx19B/NVSxx19C  
FWHM 48.0°  
Efficiency 79 %  
Peak intensity 1.400 cd/lm  
Required components:  
C14446\_FLORENTINA-SHD



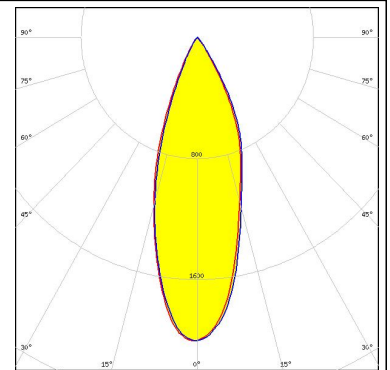
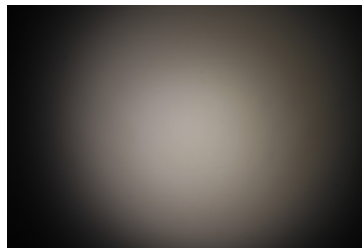
LED Oslon Square EC  
FWHM 46.0°  
Efficiency 80 %  
Peak intensity 1.450 cd/lm  
Required components:  
C14446\_FLORENTINA-SHD



#### PHOTOMETRIC DATA (MEASURED):

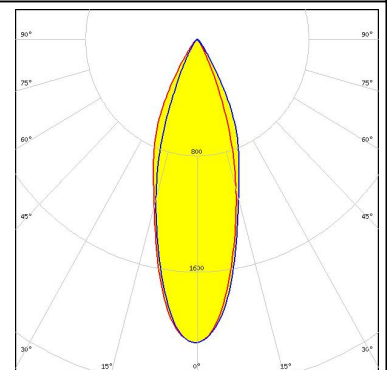
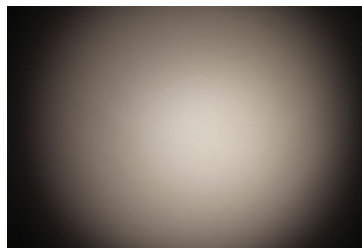
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 150  
FWHM 34.0°  
Efficiency 81 %  
Peak intensity 2.000 cd/lm  
Required components:  
C14446\_FLORENTINA-SHD



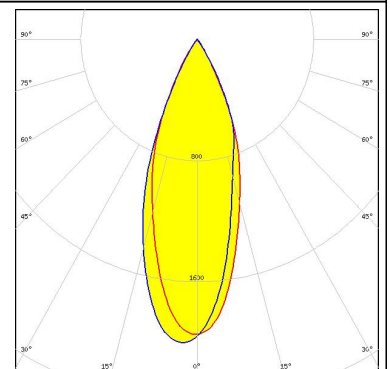
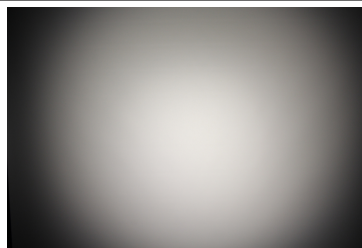
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 150  
FWHM 33.0°  
Efficiency 85 %  
Peak intensity 2.100 cd/lm  
Required components:



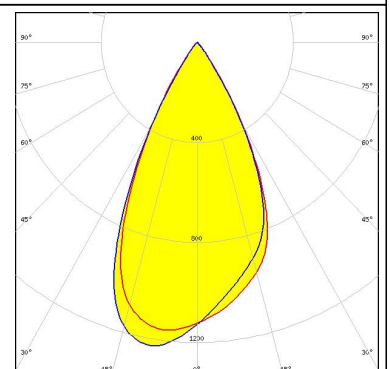
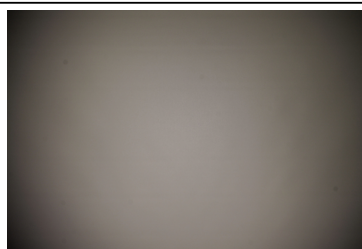
**OSRAM**  
Opto Semiconductors

LED Oslon SSL 80  
FWHM 35.0°  
Efficiency 83 %  
Peak intensity 2.000 cd/lm  
Required components:  
C14446\_FLORENTINA-SHD



**SAMSUNG**

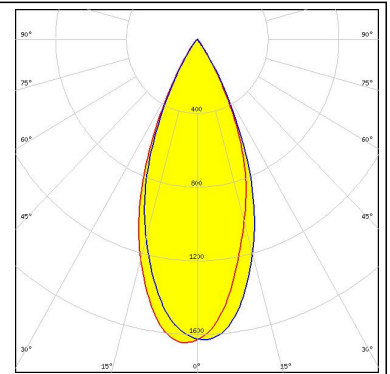
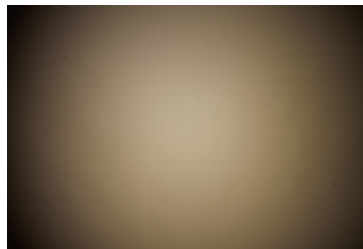
LED LH351B  
FWHM 52.0°  
Efficiency 82 %  
Peak intensity 1.260 cd/lm  
Required components:  
C14446\_FLORENTINA-SHD



#### PHOTOMETRIC DATA (MEASURED):

**TOSHIBA**  
Leading Innovation >>>

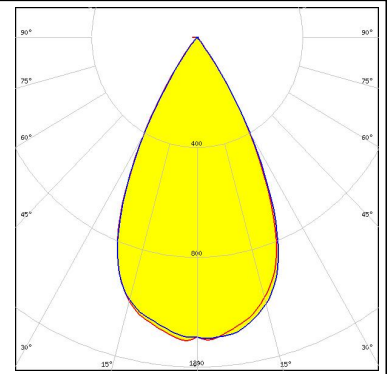
LED TL1L4  
FWHM 42.0°  
Efficiency 82 %  
Peak intensity 1.650 cd/lm  
Required components:  
C14446\_FLORENTINA-SHD



#### PHOTOMETRIC DATA (SIMULATED):



LED NWSx229A  
FWHM 53.0°  
Efficiency 82 %  
Peak intensity 0.000 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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