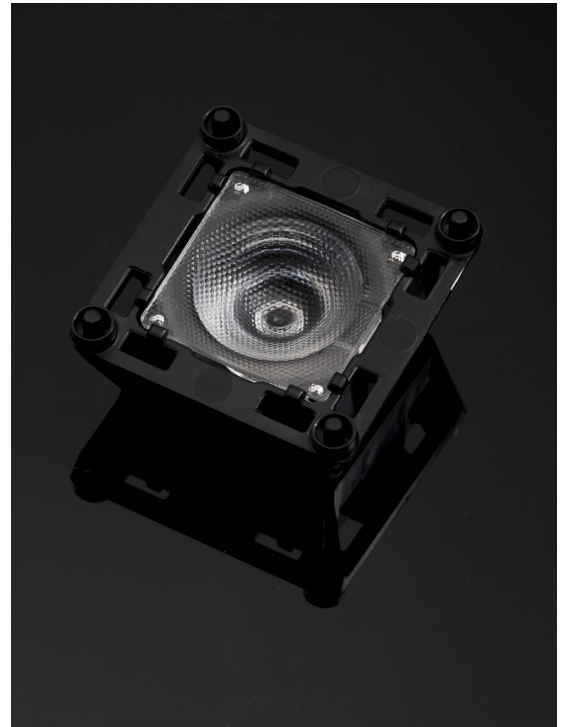


FLORENTINA-1-W

~40° wide beam

TECHNICAL SPECIFICATIONS:

| | |
|-----------------|--------------------|
| Dimensions | 39.7 mm |
| Height | 13 mm |
| Fastening | tape |
| Colour | black |
| Box size | 480 x 280 x 300 mm |
| Box weight | 7.1 kg |
| Quantity in Box | 840 pcs |
| ROHS compliant | yes ⓘ |



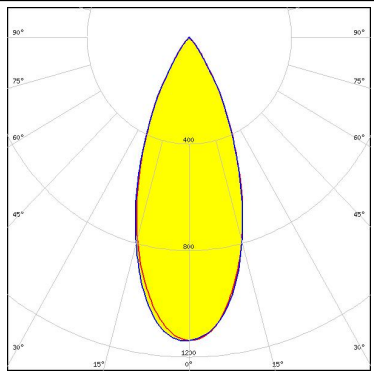


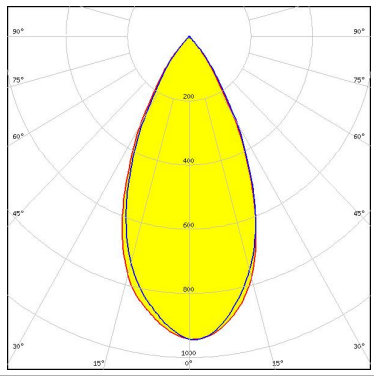


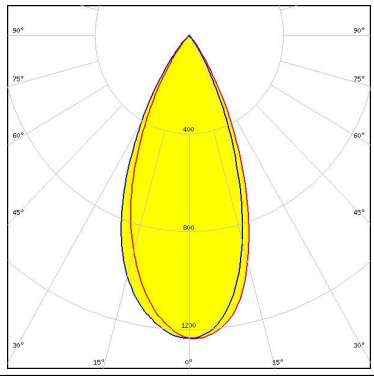


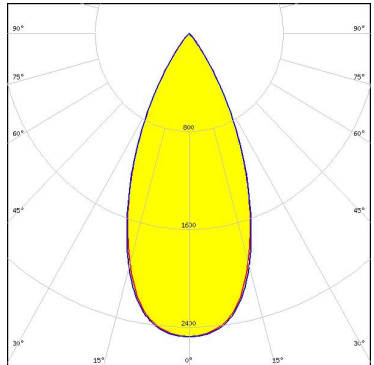


MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour |
|------------------|-------------|----------|--------|
| ROSE-C-C-W-V4 | Single lens | PC | clear |
| FLORENTINA-1-HLD | Holder | PC | black |
| ROSE-TAPE | Tape | PU tape | black |



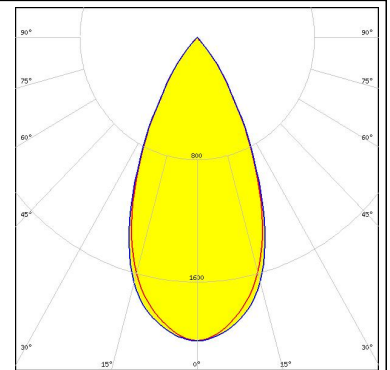
PHOTOMETRIC DATA (MEASURED):

| | | |
|--|--|---|
| <p> bridgelux</p> <p>LED Bridgelux SMD 5050 FWHM 41.0° Efficiency 61 % Peak intensity 1.100 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p> |  |  |
| <p> CREE</p> <p>LED XHP35 HD FWHM 50.0° Efficiency 67 % Peak intensity 0.950 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p> |  |  |
| <p> CREE</p> <p>LED XHP35 HI FWHM 45.0° Efficiency 72 % Peak intensity 1.200 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p> |  |  |
| <p> CREE</p> <p>LED XP-G2 FWHM 44.0° Efficiency 72 % Peak intensity 1.300 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p> |  |  |

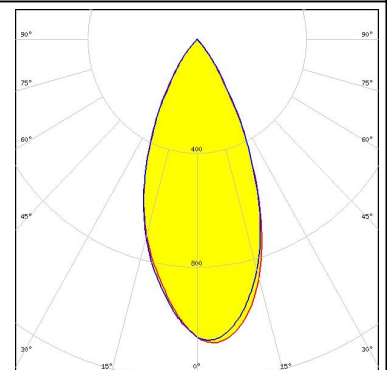
PHOTOMETRIC DATA (MEASURED):



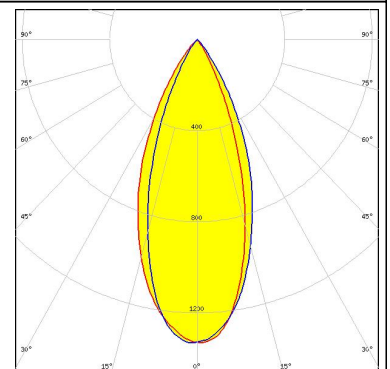
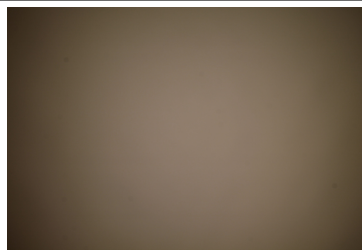
LED XP-L HD
 FWHM 49.0°
 Efficiency 69 %
 Peak intensity 1.000 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



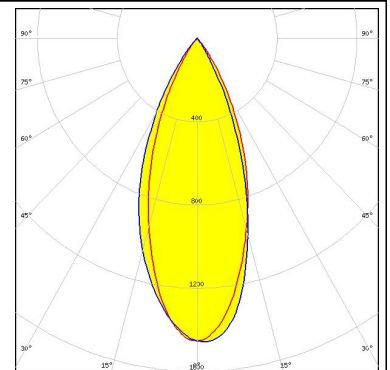
LED XP-L2
 FWHM 45.0°
 Efficiency 65 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED XT-E
 FWHM 42.0°
 Efficiency 68 %
 Peak intensity 1.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



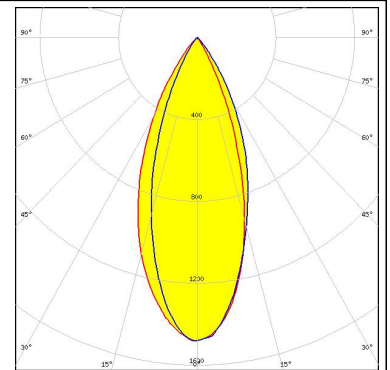
LED LG 5630
 FWHM 41.0°
 Efficiency 74 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16701_FLORENTINA-1-SHD-60-WHT



PHOTOMETRIC DATA (MEASURED):

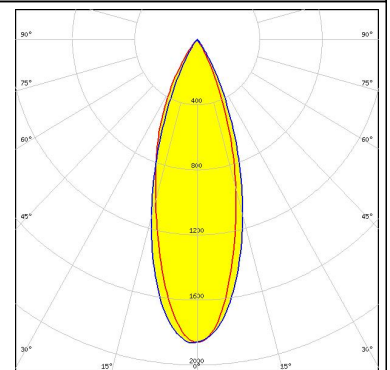
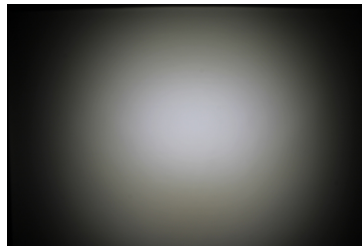
LG Innotek

LED LG 5630
 FWHM 40.0°
 Efficiency 73 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



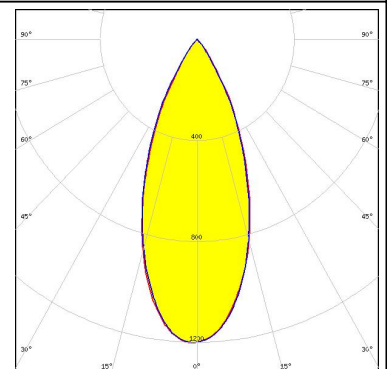
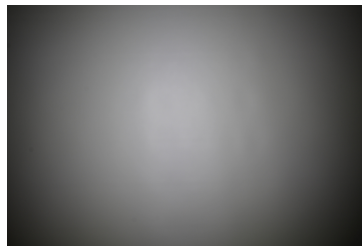
LUMILEDS

LED LUXEON 3030 2D (Round LES)
 FWHM 34.0°
 Efficiency 72 %
 Peak intensity 1.900 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



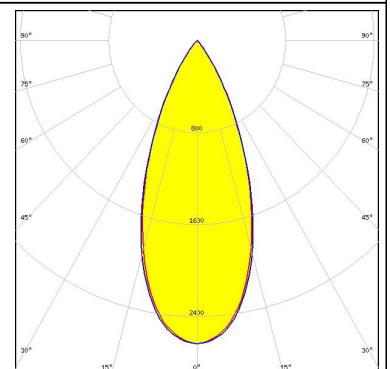
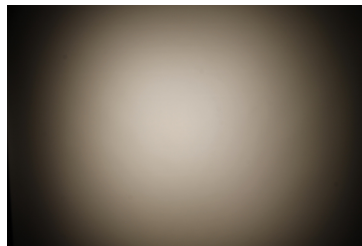
LUMILEDS

LED LUXEON 5050
 FWHM 42.0°
 Efficiency 64 %
 Peak intensity 1.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LUMILEDS

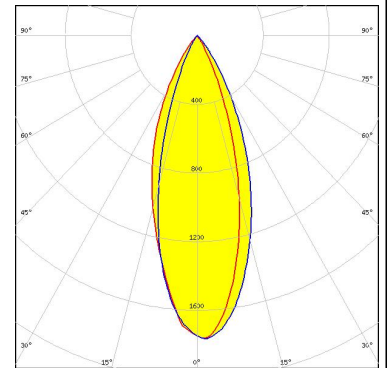
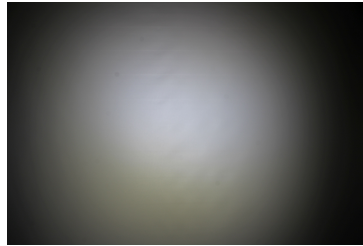
LED LUXEON TX
 FWHM 42.0°
 Efficiency 71 %
 Peak intensity 1.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



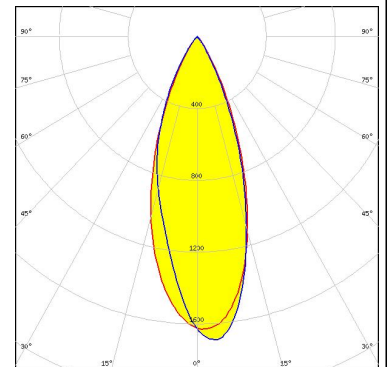
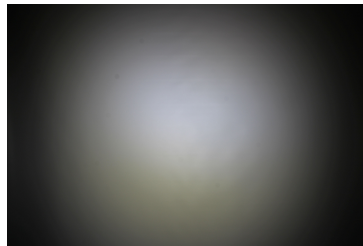
PHOTOMETRIC DATA (MEASURED):



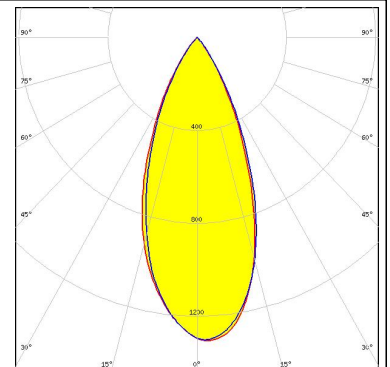
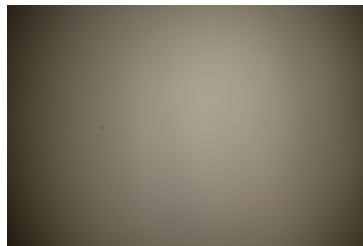
LED NF2x757G
FWHM 31.0°
Efficiency 81 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15427_FLORENTINA-1-SHD-60



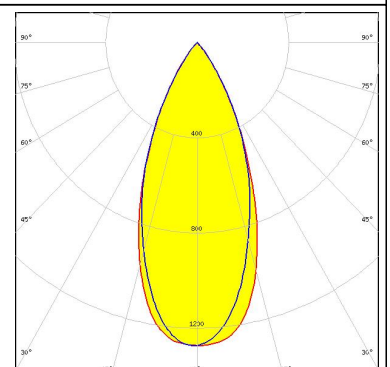
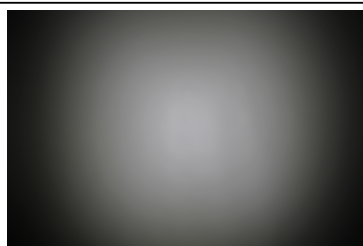
LED NF2x757G
FWHM 36.0°
Efficiency 72 %
Peak intensity 1.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16701_FLORENTINA-1-SHD-60-WHT



LED NVSxx19B/NVSxx19C
FWHM 43.0°
Efficiency 71 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15427_FLORENTINA-1-SHD-60



LED OSLOM Square CSSRM2/CSSRM3
FWHM 44.0°
Efficiency 73 %
Peak intensity 1.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15427_FLORENTINA-1-SHD-60

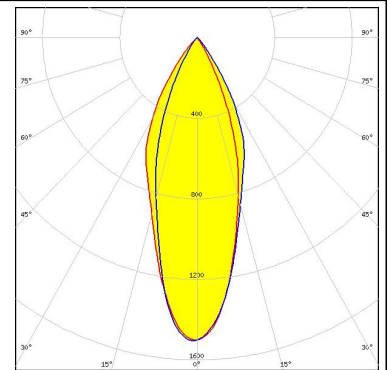
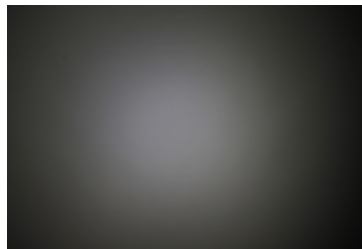


PHOTOMETRIC DATA (MEASURED):

OSRAM

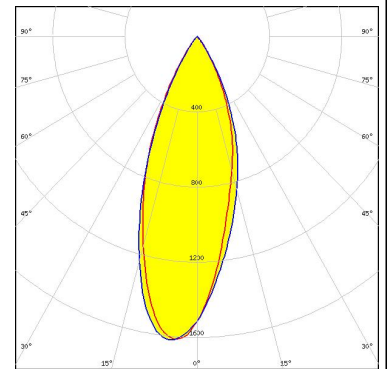
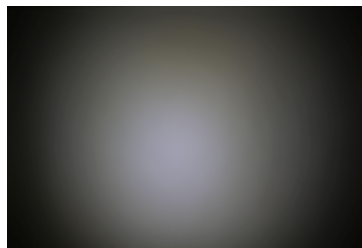
Opto Semiconductors

LED OSLON SSL 150
 FWHM 36.0°
 Efficiency 69 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



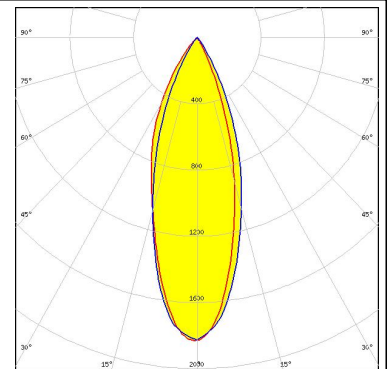
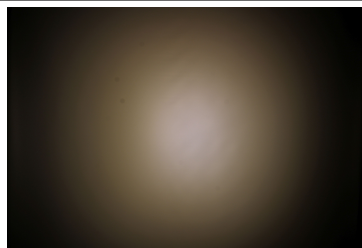
SAMSUNG

LED LM561B
 FWHM 35.0°
 Efficiency 72 %
 Peak intensity 1.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



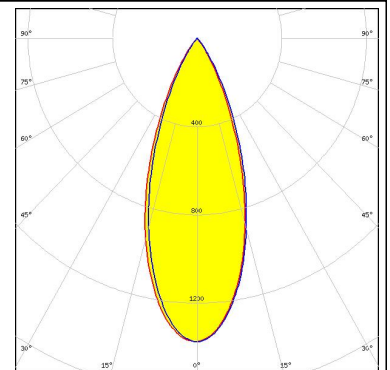
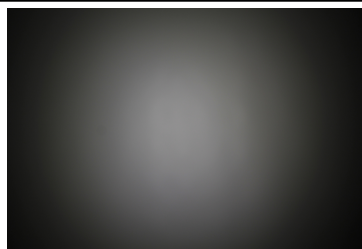
SEOUL SEMICONDUCTOR

LED SEOUL 5630
 FWHM 34.0°
 Efficiency 74 %
 Peak intensity 1.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



SEOUL SEMICONDUCTOR

LED Z8Y22P
 FWHM 38.0°
 Efficiency 63 %
 Peak intensity 1.400 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



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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