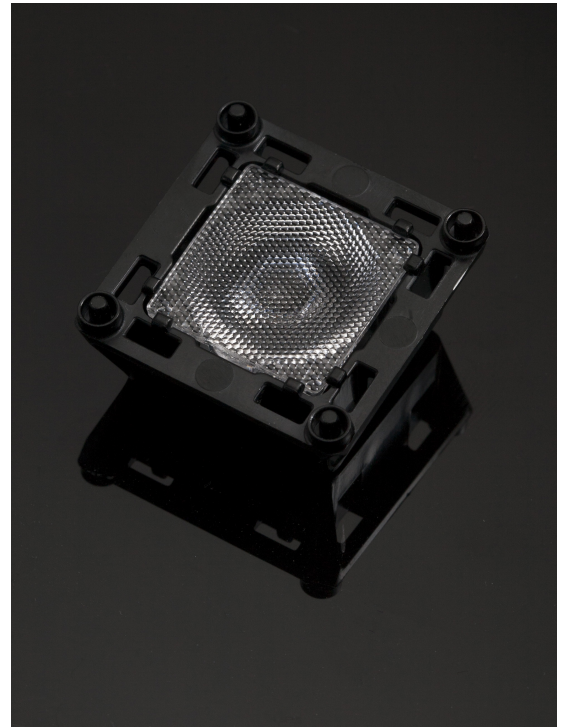


FLORENTINA-1-M

~30° medium beam

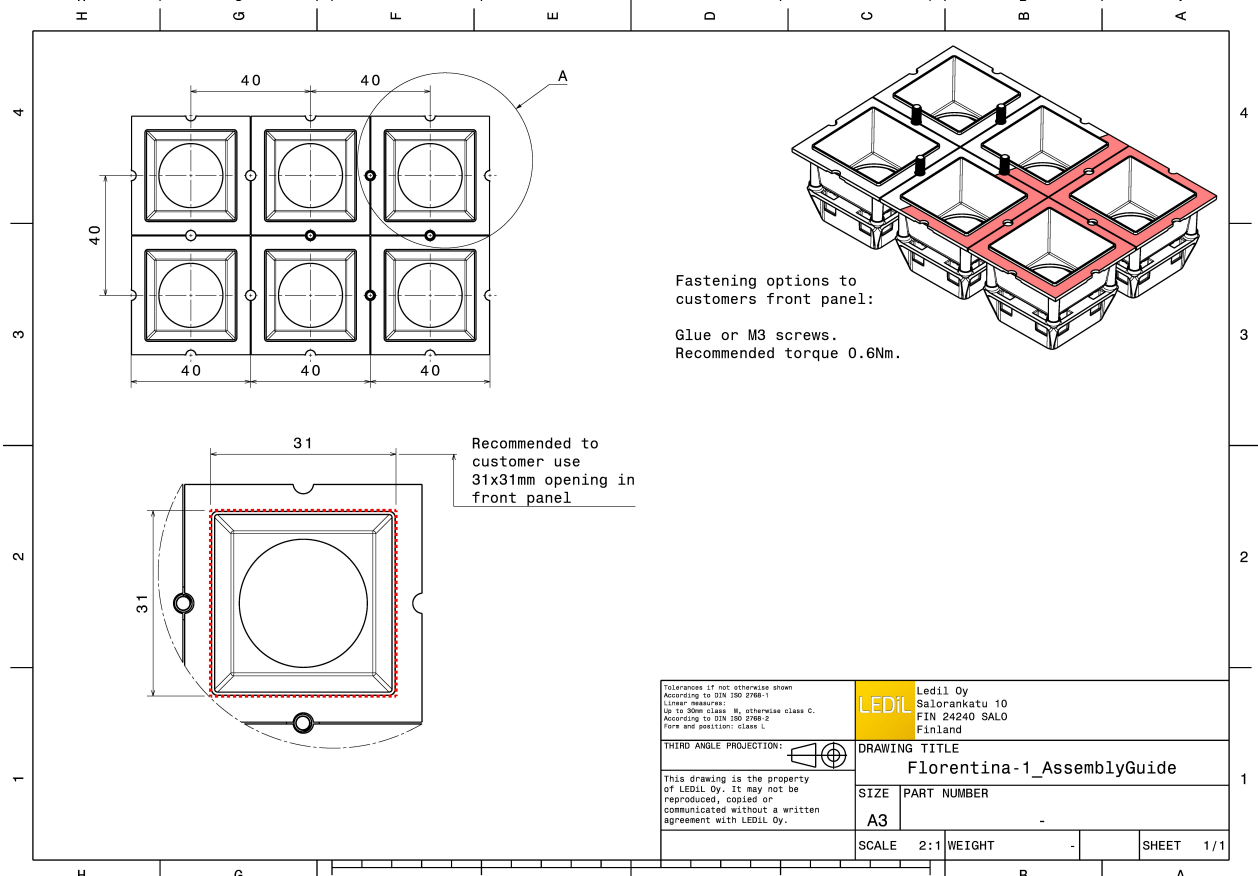
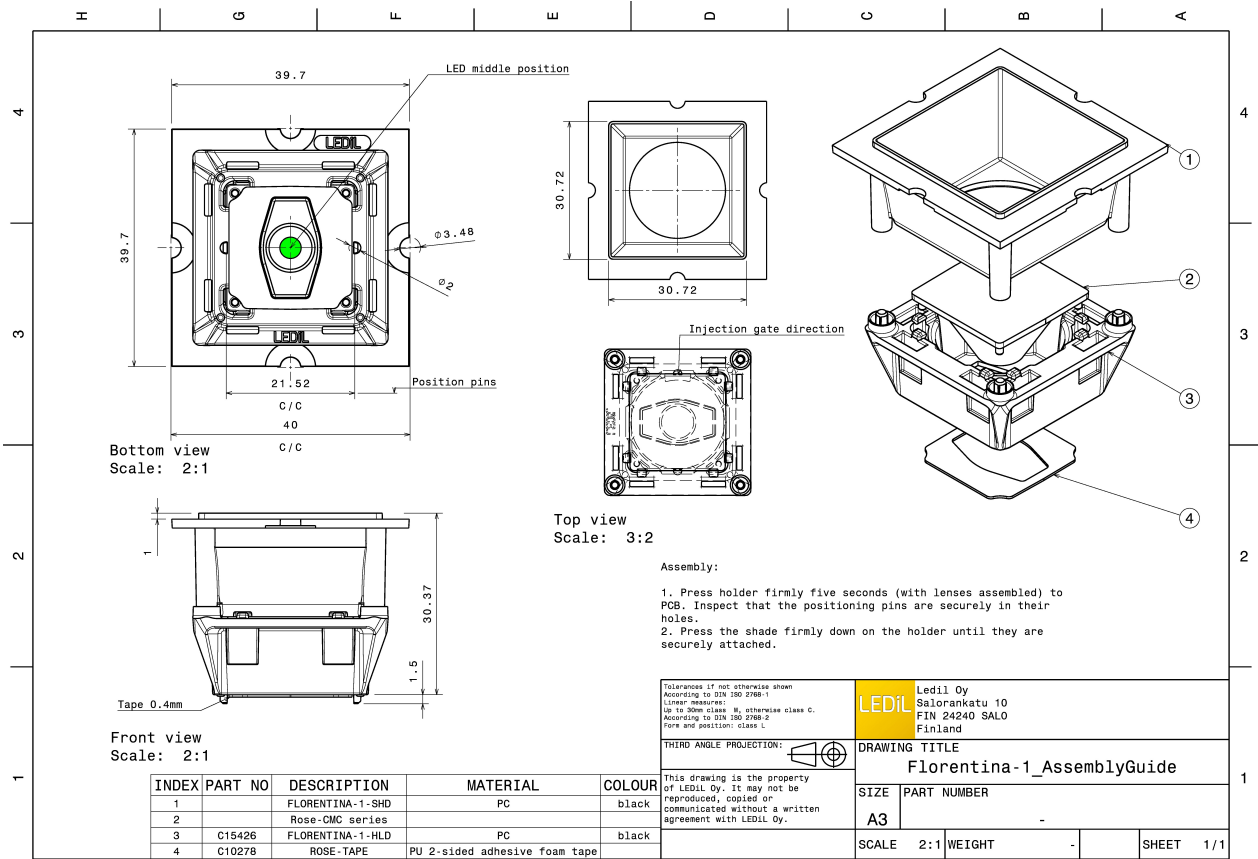
TECHNICAL SPECIFICATIONS:

Dimensions	39.7 mm
Height	13 mm
Fastening	tape
Colour	black
Box size	480 x 280 x 300 mm
Box weight	7.9 kg
Quantity in Box	840 pcs
ROHS compliant	yes ⓘ



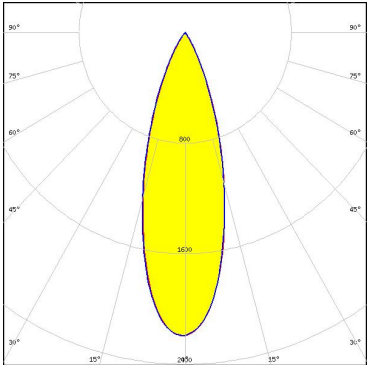

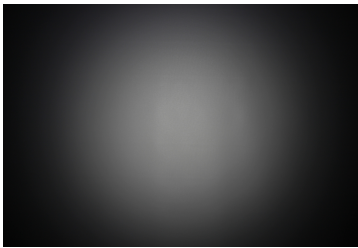
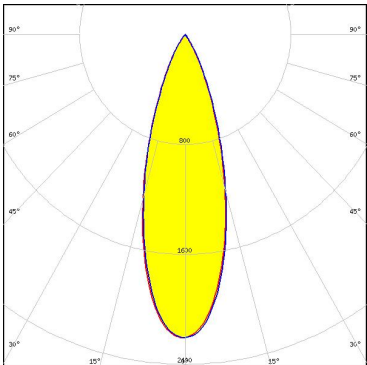

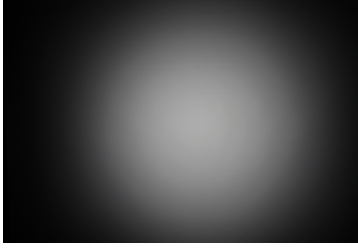
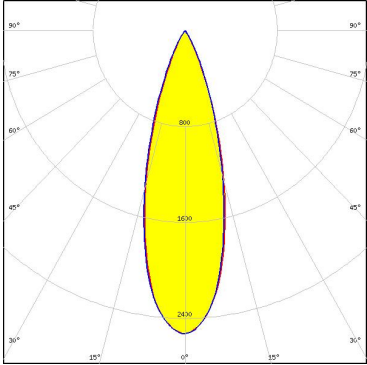

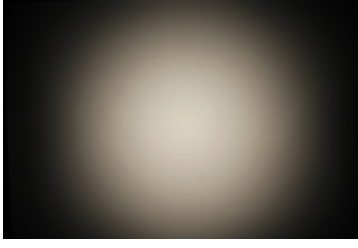
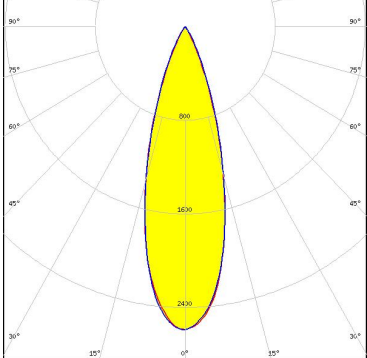


MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
ROSE-CMC-M	Single lens	PC	clear
FLORENTINA-1-HLD	Holder	PC	black
ROSE-TAPE	Tape	PU tape	black



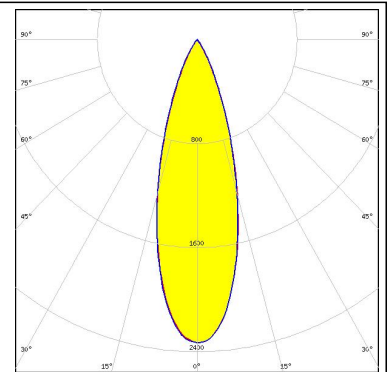
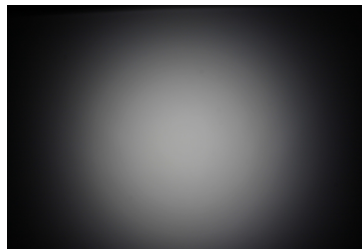
PHOTOMETRIC DATA (MEASURED):

<p> bridgelux</p> <p>LED Bridgelux SMD 5050 FWHM 32.0° Efficiency 76 % Peak intensity 2.200 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 32.0° Efficiency 76 % Peak intensity 2.200 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 31.0° Efficiency 77 % Peak intensity 2.500 cd/lm LEDs/each optic 1 Light colour White Required components:</p>		
<p> CREE</p> <p>LED XP-G2 FWHM 31.0° Efficiency 78 % Peak intensity 2.600 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		

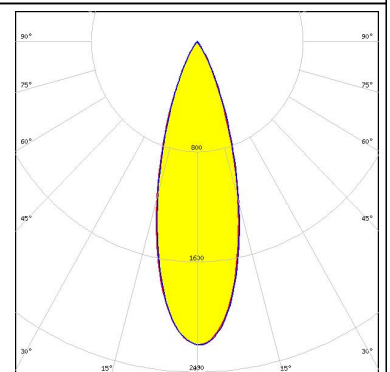
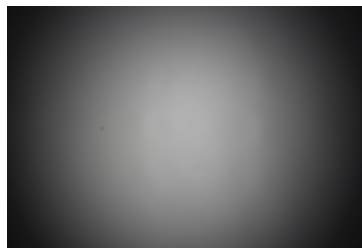
PHOTOMETRIC DATA (MEASURED):



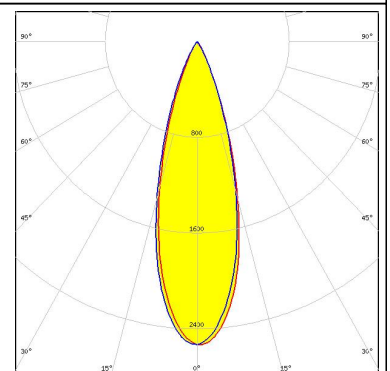
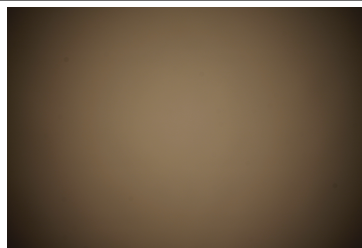
LED XP-L HD
 FWHM 31.0°
 Efficiency 76 %
 Peak intensity 2.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



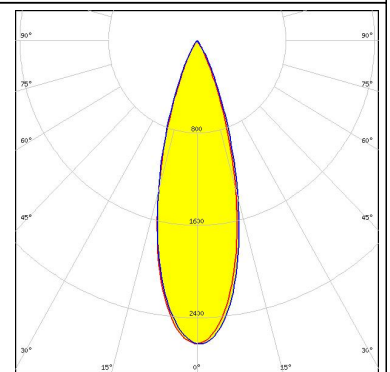
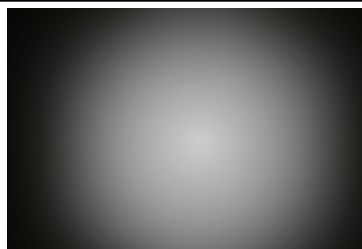
LED XP-L2
 FWHM 32.0°
 Efficiency 74 %
 Peak intensity 2.200 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60





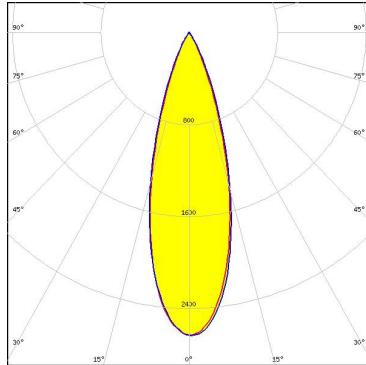

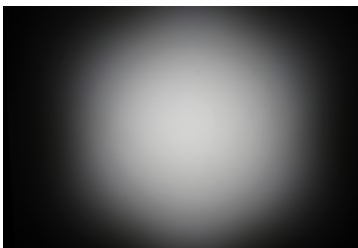
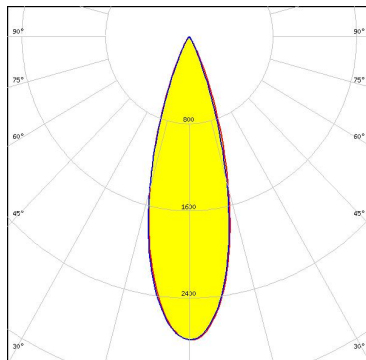


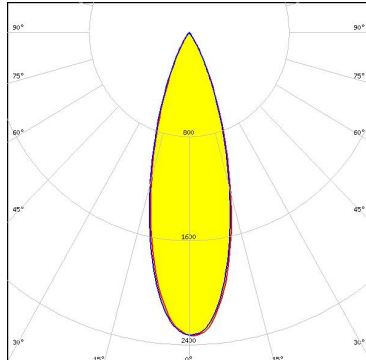


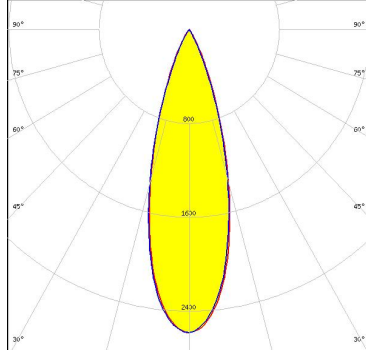
LED XT-E
 FWHM 31.0°
 Efficiency 76 %
 Peak intensity 2.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60




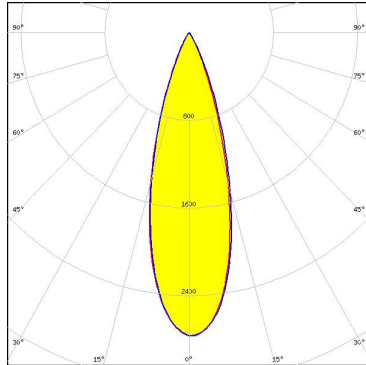
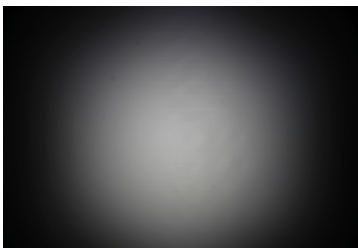
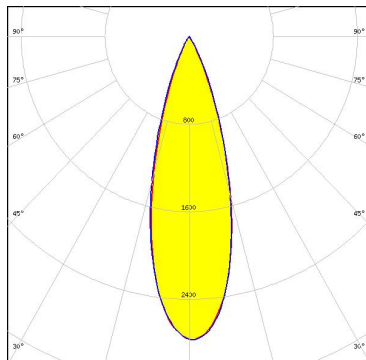

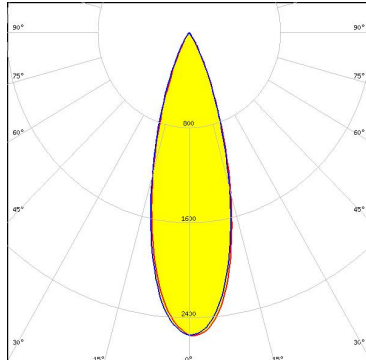
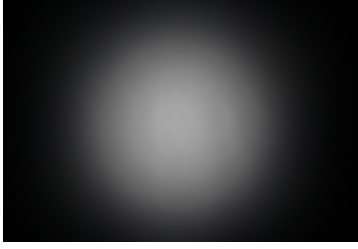
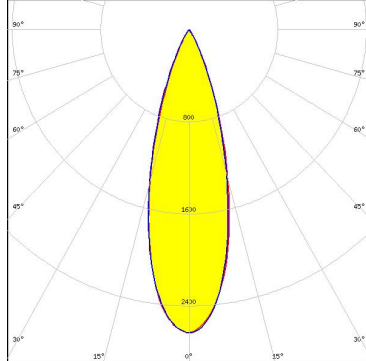
LED LG 5630
 FWHM 31.0°
 Efficiency 80 %
 Peak intensity 2.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



PHOTOMETRIC DATA (MEASURED):

<p> LG Innotek</p> <p>LED LG 5630 FWHM 31.0° Efficiency 82 % Peak intensity 2.600 cd/m LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT</p>		
<p> LUMILEDS</p> <p>LED LUXEON 3030 2D (Round LES) FWHM 31.0° Efficiency 80 % Peak intensity 2.800 cd/m LEDs/each optic 1 Light colour White Required components:</p>		
<p> LUMILEDS</p> <p>LED LUXEON 5050 FWHM 31.0° Efficiency 77 % Peak intensity 2.300 cd/m LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p> LUMILEDS</p> <p>LED LUXEON TX FWHM 31.0° Efficiency 77 % Peak intensity 2.600 cd/m LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		

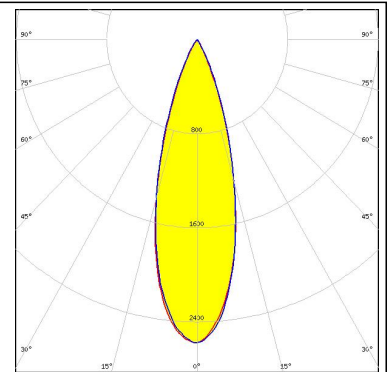
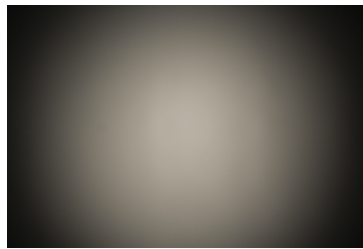
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NF2x757G FWHM 31.0° Efficiency 82 % Peak intensity 2.800 cd/lm LEDs/each optic 1 Light colour White Required components: C16701_FLORENTINA-1-SHD-60-WHT</p>		
<p>NICHIA</p> <p>LED NF2x757G FWHM 31.0° Efficiency 81 % Peak intensity 2.700 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 31.0° Efficiency 78 % Peak intensity 2.600 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM 31.0° Efficiency 79 % Peak intensity 2.600 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		

PHOTOMETRIC DATA (MEASURED):

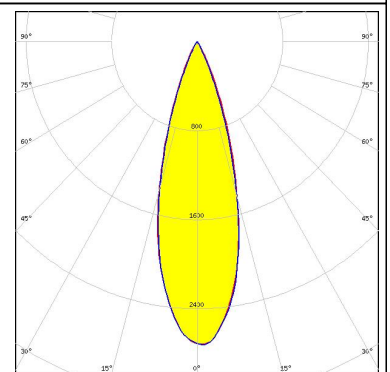
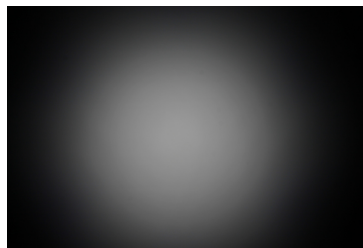
OSRAM
Opto Semiconductors

LED OSLOM Square EC
FWHM 31.0°
Efficiency 78 %
Peak intensity 2.600 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



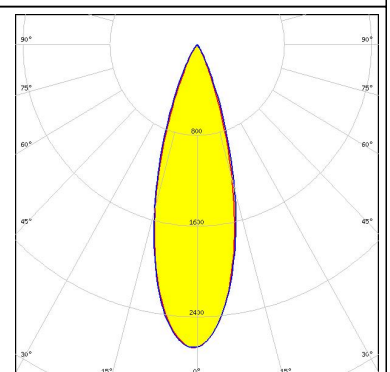
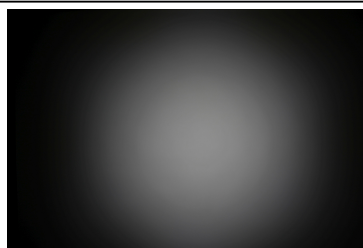
OSRAM
Opto Semiconductors

LED OSLOM SSL 150
FWHM 31.0°
Efficiency 78 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



SAMSUNG

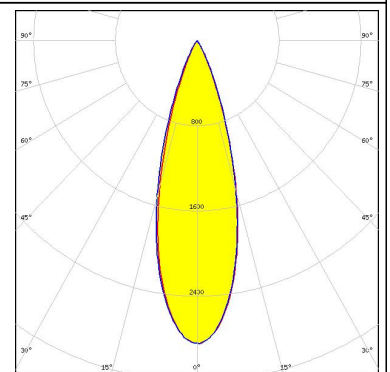
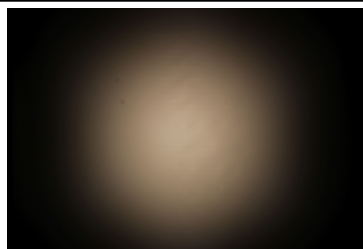
LED LM561B
FWHM 31.0°
Efficiency 80 %
Peak intensity 2.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



SEOUL

SEOUL SEMICONDUCTOR

LED SEOUL 5630
FWHM 31.0°
Efficiency 83 %
Peak intensity 2.800 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



PHOTOMETRIC DATA (MEASURED):



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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