

FLORENTINA-1-MRK-M

~40° medium beam. Compatible with ultra high power LEDs.

TECHNICAL SPECIFICATIONS:

Dimensions	39.7 mm
Height	13 mm
Fastening	pin
ROHS compliant	yes ⓘ

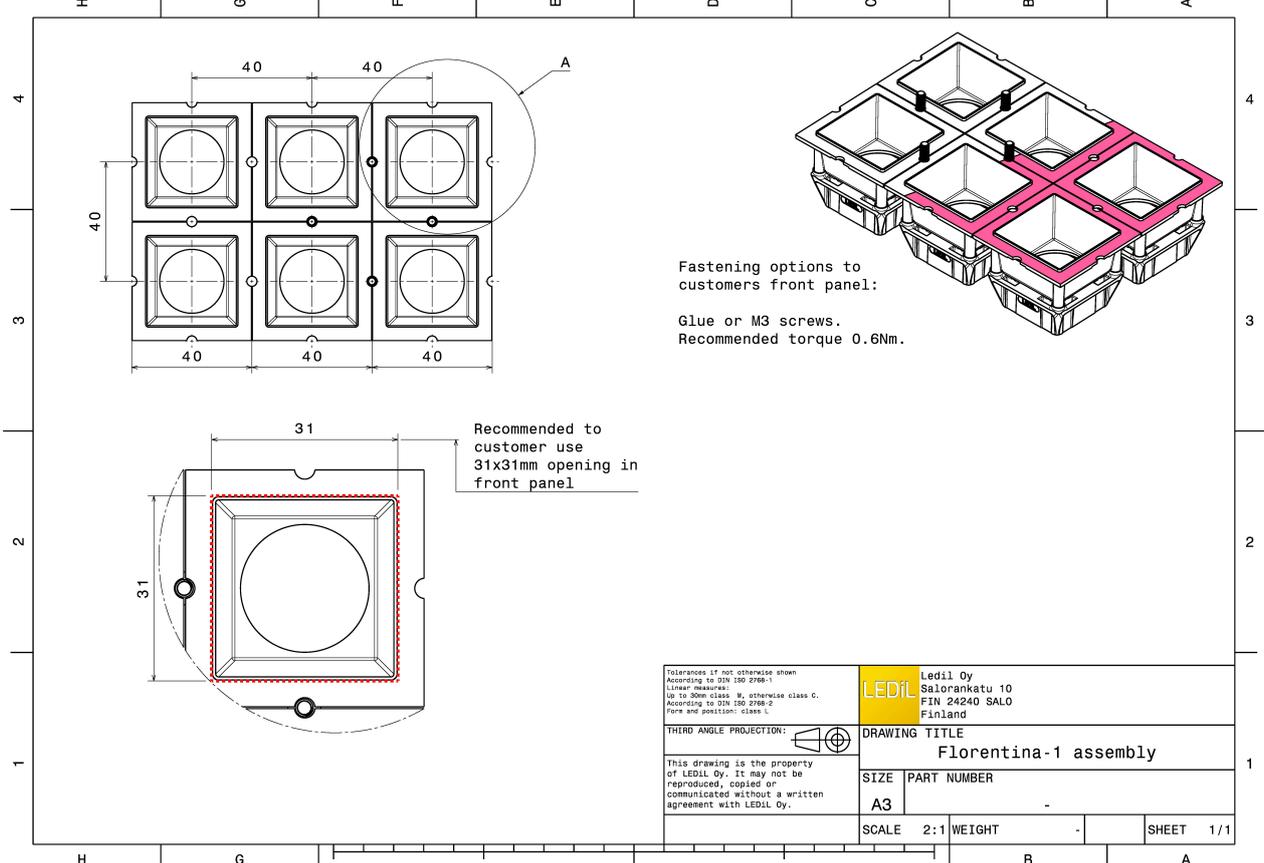
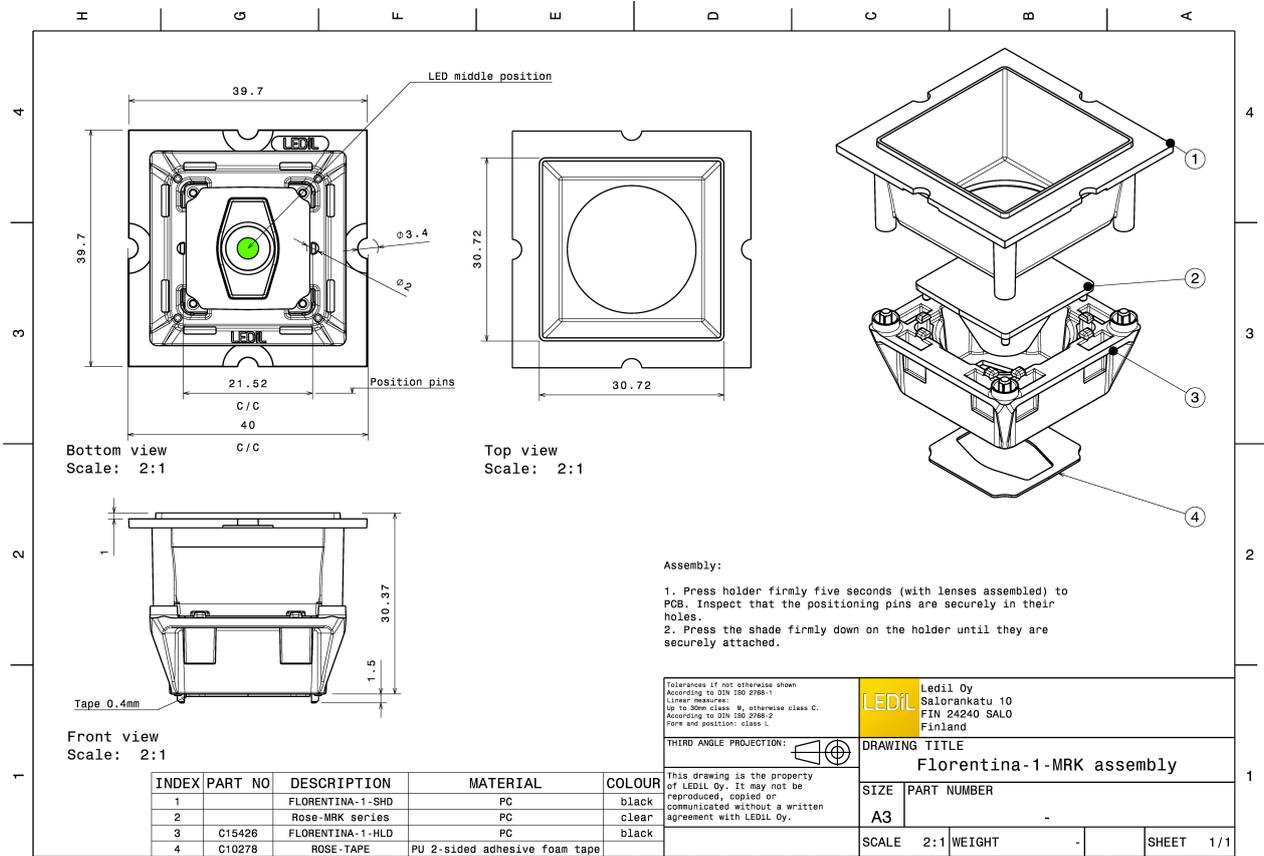
MATERIAL SPECIFICATIONS:

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



ORDERING INFORMATION:

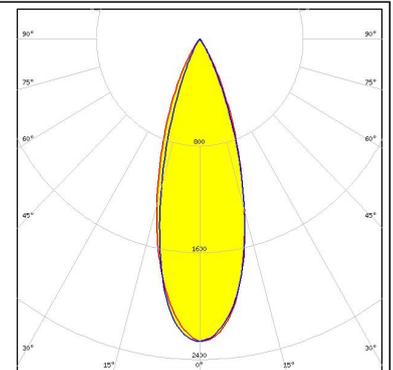
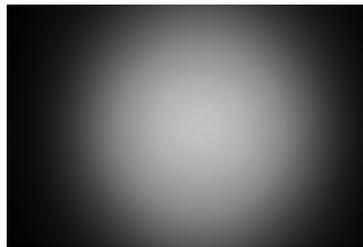
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA15512_FLORENTINA-1-MRK-M	Single lens	840		60	7.7
» Box size: 480 x 280 x 300 mm					



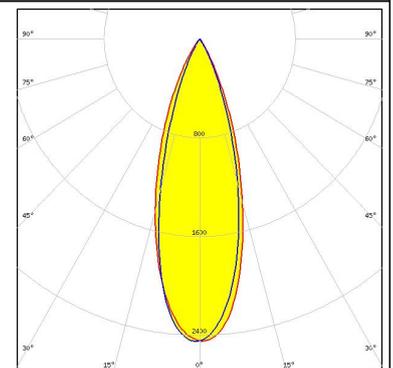
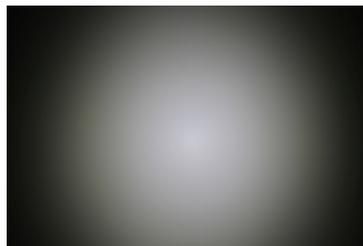
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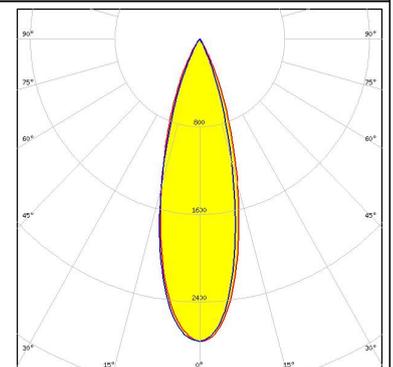
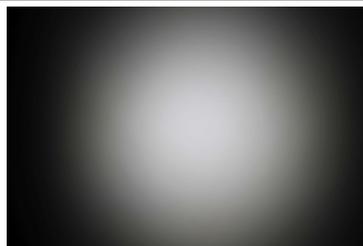
LED XHP35 HI
 FWHM 33.0°
 Efficiency 77 %
 Peak intensity 2.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



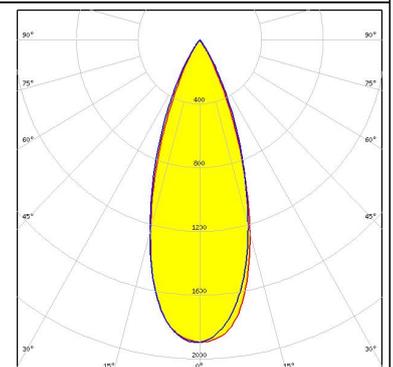
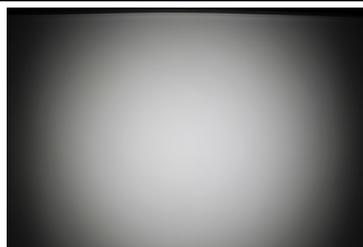
LED LG 5630
 FWHM 32.0°
 Efficiency 81 %
 Peak intensity 2.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED LUXEON 3030 2D (Round LES)
 FWHM 29.0°
 Efficiency 79 %
 Peak intensity 2.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



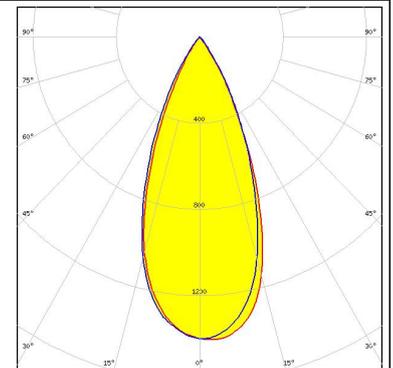
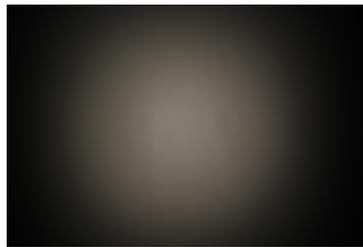
LED LUXEON 5050 Round LES
 FWHM 37.0°
 Efficiency 78 %
 Peak intensity 1.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



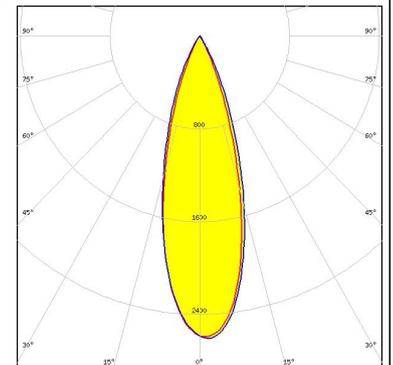
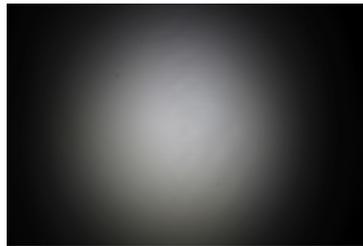
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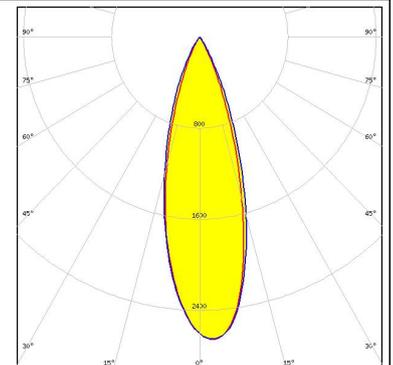
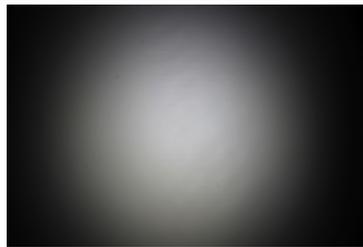
LED LUXEON M/MX
 FWHM 42.0°
 Efficiency 75 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



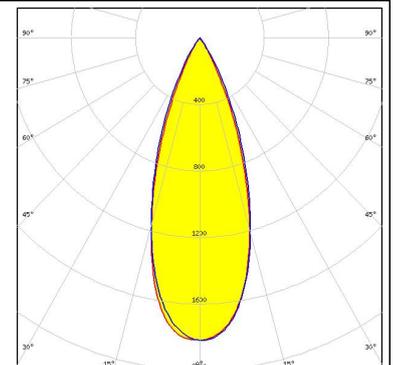
LED NF2x757G
 FWHM 31.0°
 Efficiency 80 %
 Peak intensity 2.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16701_FLORENTINA-1-SHD-60-WHT



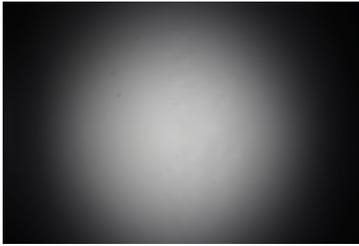
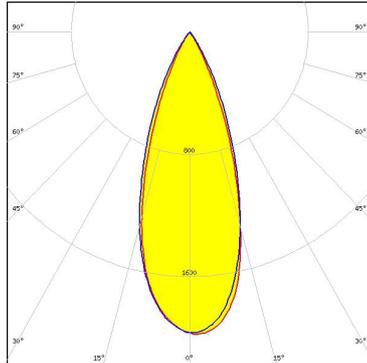
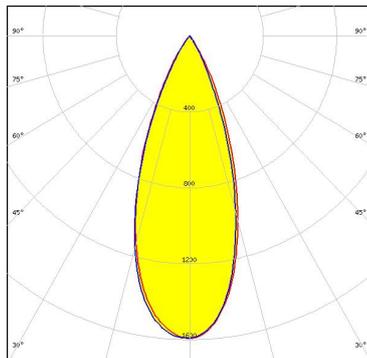
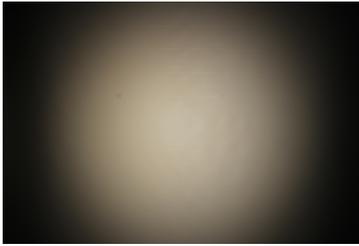
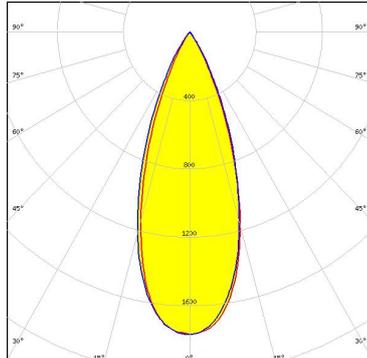
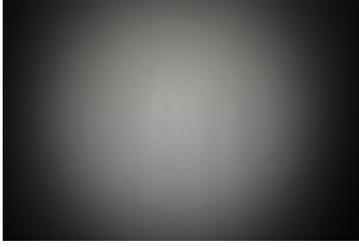
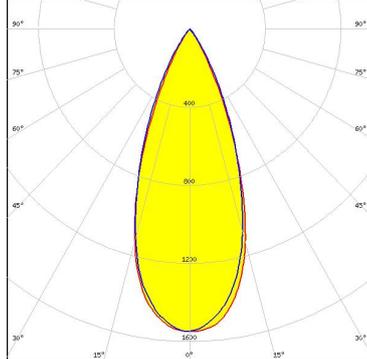
LED NF2x757G
 FWHM 30.0°
 Efficiency 81 %
 Peak intensity 2.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED NFMW48xA
 FWHM 37.0°
 Efficiency 75 %
 Peak intensity 1.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



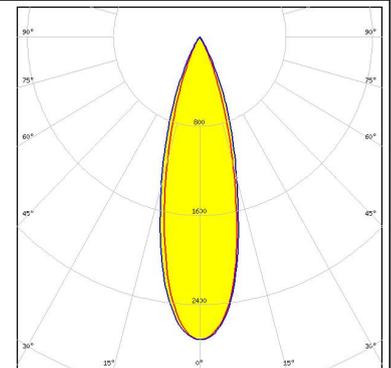
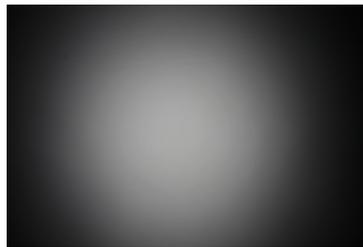
PHOTOMETRIC DATA (MEASURED):

<p>NICHIA</p> <p>LED NVSW319B FWHM 21.0° Efficiency 75 % Peak intensity 4.5 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 Duris S10 FWHM 38.0° Efficiency 70 % Peak intensity 1.6 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 Duris S8 FWHM 38.0° Efficiency 75 % Peak intensity 1.8 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 OSCONIQ P 7070 FWHM 40.0° Efficiency 74 % Peak intensity 1.6 cd/lm LEDs/each optic 1 Light colour White Required components: C15427_FLORENTINA-1-SHD-60</p>		

PHOTOMETRIC DATA (MEASURED):

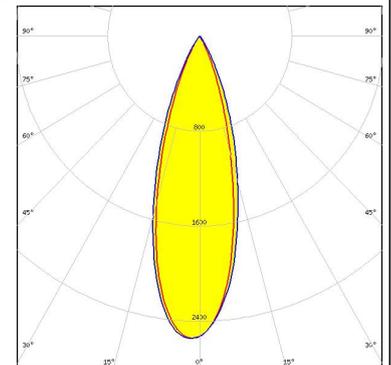
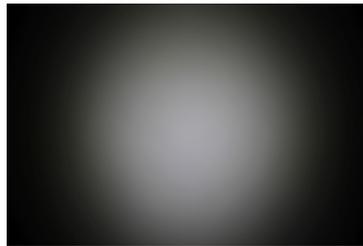
OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM 27.0°
Efficiency 76 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



SAMSUNG

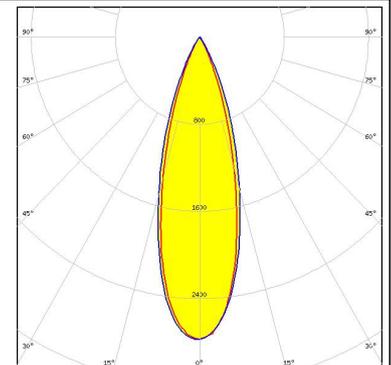
LED LM561B
FWHM 31.0°
Efficiency 80 %
Peak intensity 2.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15427_FLORENTINA-1-SHD-60



SEOUL

SEOUL SEMICONDUCTOR

LED SEOUL 5630
FWHM 30.0°
Efficiency 83 %
Peak intensity 2.8 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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