

FLORENTINA-2X2-MRK-S

~25° spot beam . Compatible with ultra high power LEDs.

TECHNICAL SPECIFICATIONS:

Dimensions	89.7 x 89.7 mm
Height	17.7 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

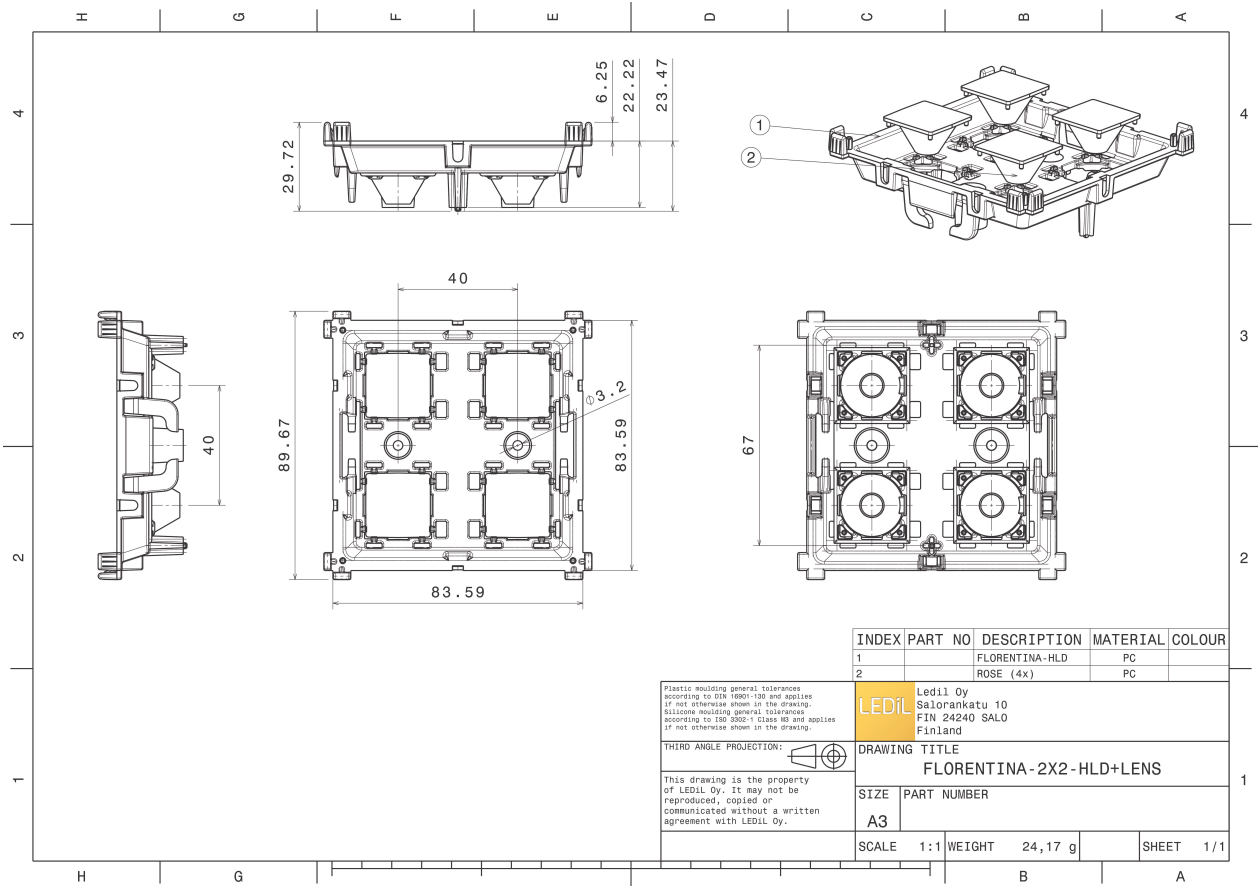
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-MRK-S	Single lens	PC	clear	
FLORENTINA-2X2-HLD	Holder	PC	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCP15704_FLORENTINA-2X2-MRK-S	Single lens	88	24	8	4.1
» Box size: 476 x 273 x 292 mm					



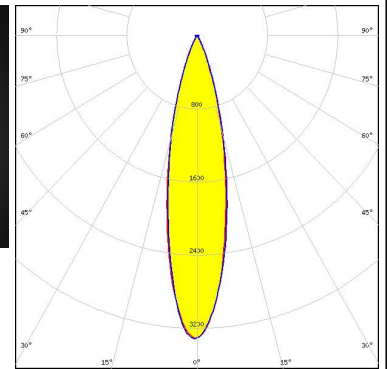
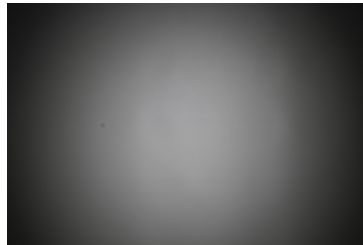


See also our general installation guide: www.ledil.com/installation_guide

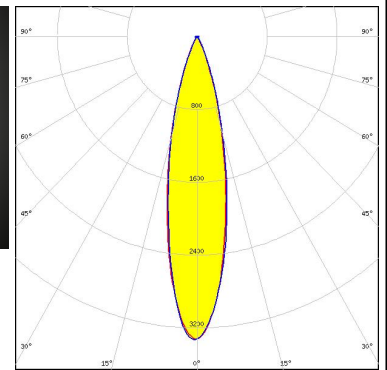
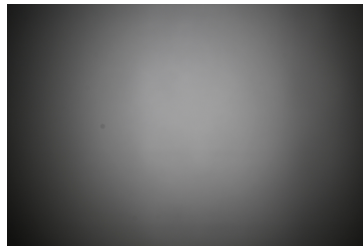
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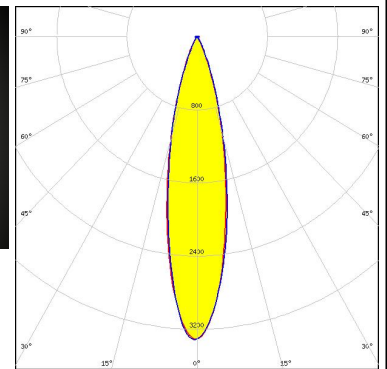
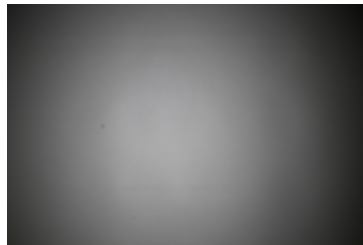
LED XHP35 HD
 FWHM / FWTM 23.0° / 46.0°
 Efficiency 76 %
 Peak intensity 3.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



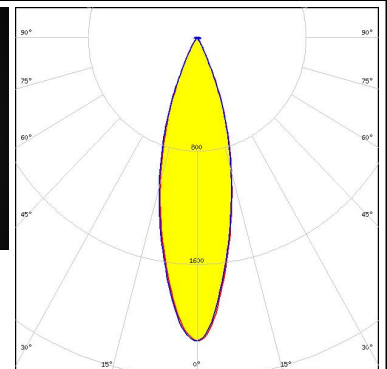
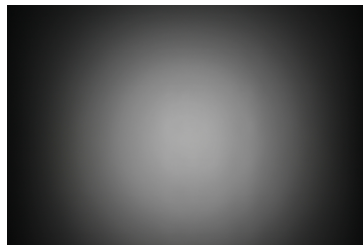
LED XHP35 HD
 FWHM / FWTM 23.0° / 46.0°
 Efficiency 77 %
 Peak intensity 3.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LED XHP35 HD
 FWHM / FWTM 23.0° / 46.0°
 Efficiency 80 %
 Peak intensity 3.3 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



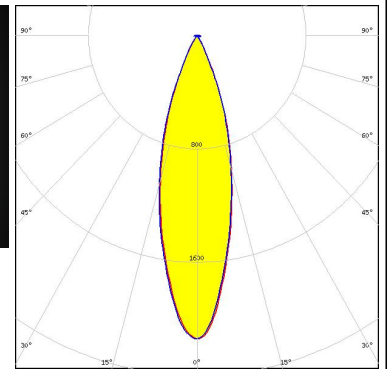
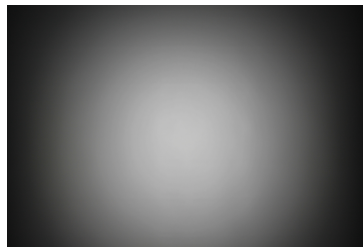
LED XHP50
 FWHM / FWTM 28.0° / 52.0°
 Efficiency 72 %
 Peak intensity 2.1 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



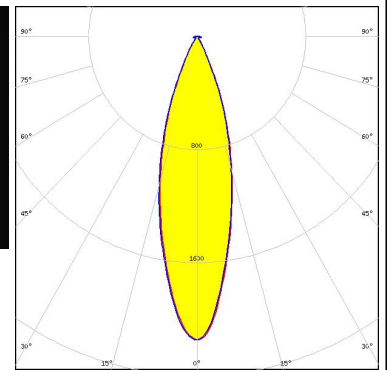
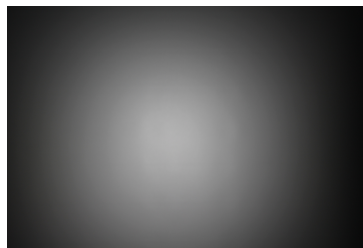
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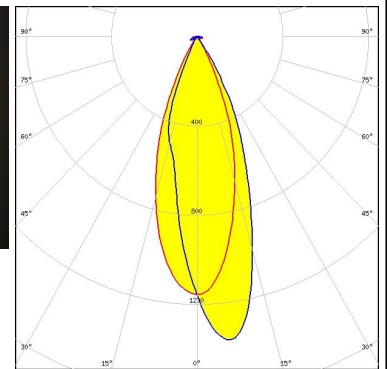
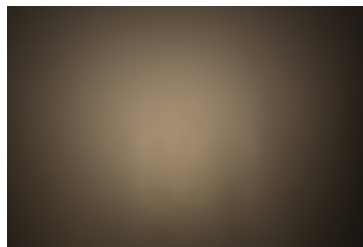
LED XHP50
 FWHM / FWTM 28.0° / 53.0°
 Efficiency 72 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



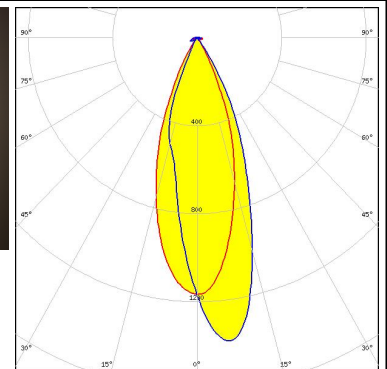
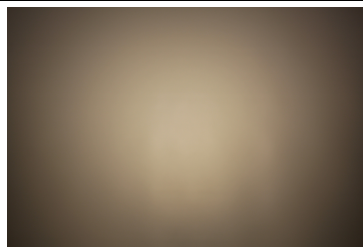
LED XHP50
 FWHM / FWTM 29.0° / 53.0°
 Efficiency 77 %
 Peak intensity 2.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



LED XHP70
 FWHM / FWTM 36.0° / 60.0°
 Efficiency 61 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



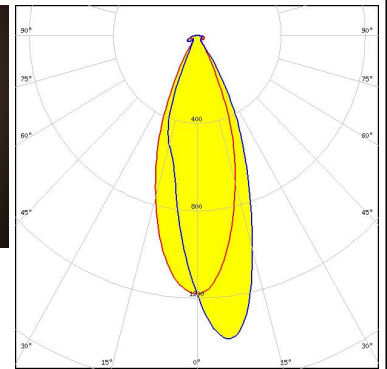
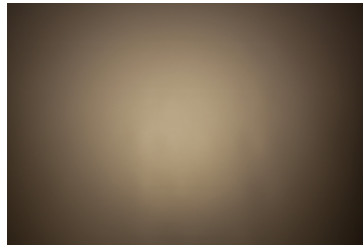
LED XHP70
 FWHM / FWTM 36.0° / 60.0°
 Efficiency 62 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



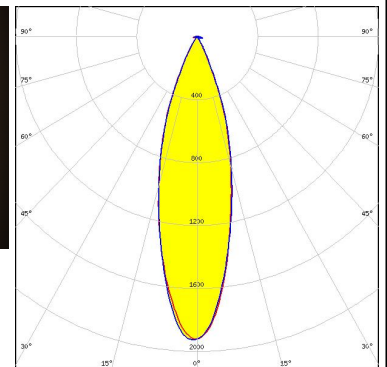
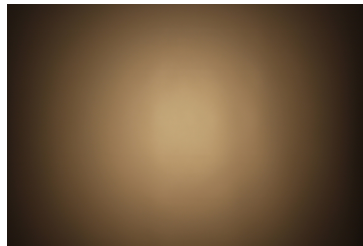
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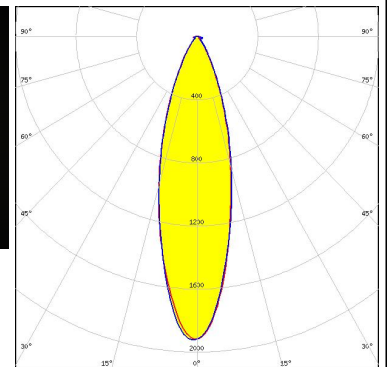
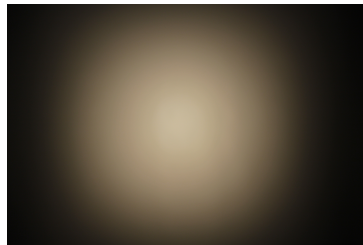
LED XHP70
FWHM / FWTM 37.0° / 62.0°
Efficiency 71 %
Peak intensity 1.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



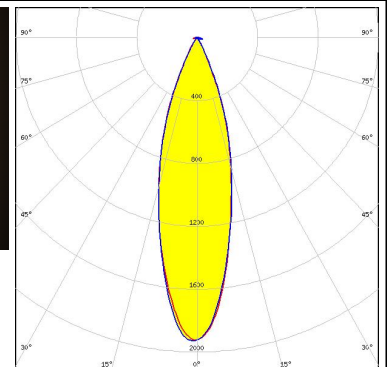
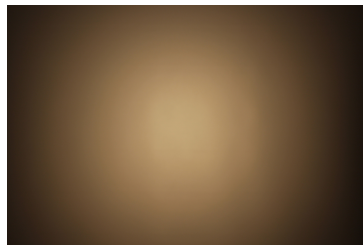
LED LUXEON M/MX
FWHM / FWTM 29.0° / 53.0°
Efficiency 68 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14734_FLORENTINA-2X2-SHD



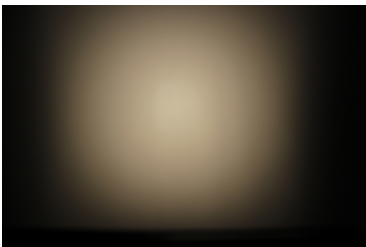
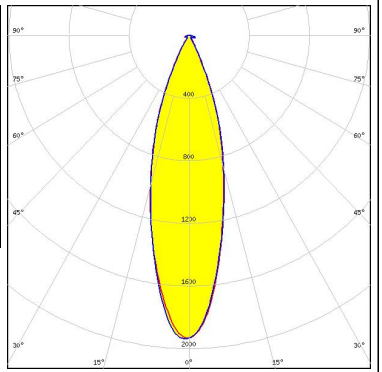

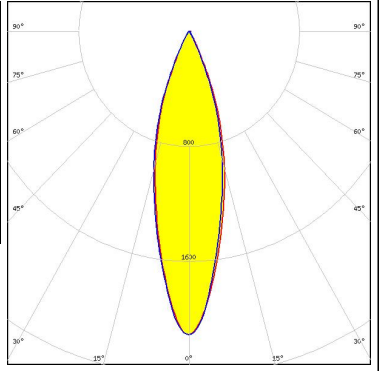
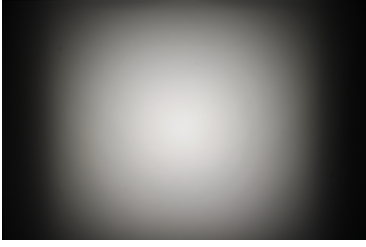
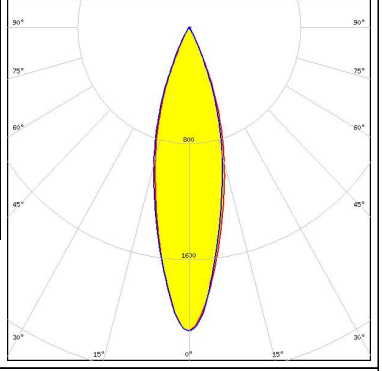
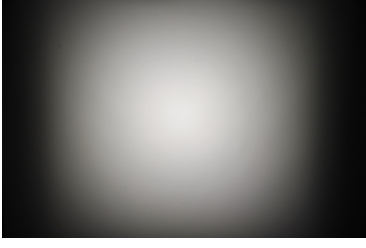
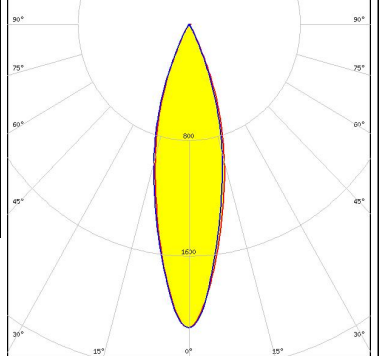
LED LUXEON M/MX
FWHM / FWTM 29.0° / 60.0°
Efficiency 79 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON M/MX
FWHM / FWTM 29.0° / 54.0°
Efficiency 69 %
Peak intensity 1.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



PHOTOMETRIC DATA (MEASURED):

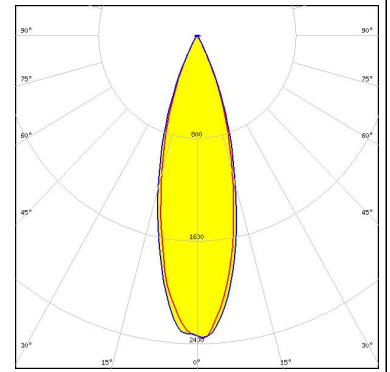
<p>LUMILEDS</p> <p>LED LUXEON M/MX FWHM / FWTM 29.0° / 54.0° Efficiency 75 % Peak intensity 1.9 cd/m LEDs/each optic 1 Light colour White Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 7070 FWHM / FWTM 28.0° / 55.0° Efficiency 68 % Peak intensity 2.1 cd/m LEDs/each optic 1 Light colour White Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 7070 FWHM / FWTM 28.0° / 54.0° Efficiency 62 % Peak intensity 2.1 cd/m LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSCONIQ P 7070 FWHM / FWTM 28.0° / 54.0° Efficiency 63 % Peak intensity 2.1 cd/m LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		

PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED	Duris S8
FWHM / FWTM	30.0° / 56.0°
Efficiency	78 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C14734_FLORENTINA-2X2-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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