

FLORENTINA-2X2-O

~45° + 15° oval beam

SPECIFICATION:

Dimensions	89.7 x 89.7 mm
Height	29.7 mm
Fastening	pin
ROHS compliant	yes ⓘ

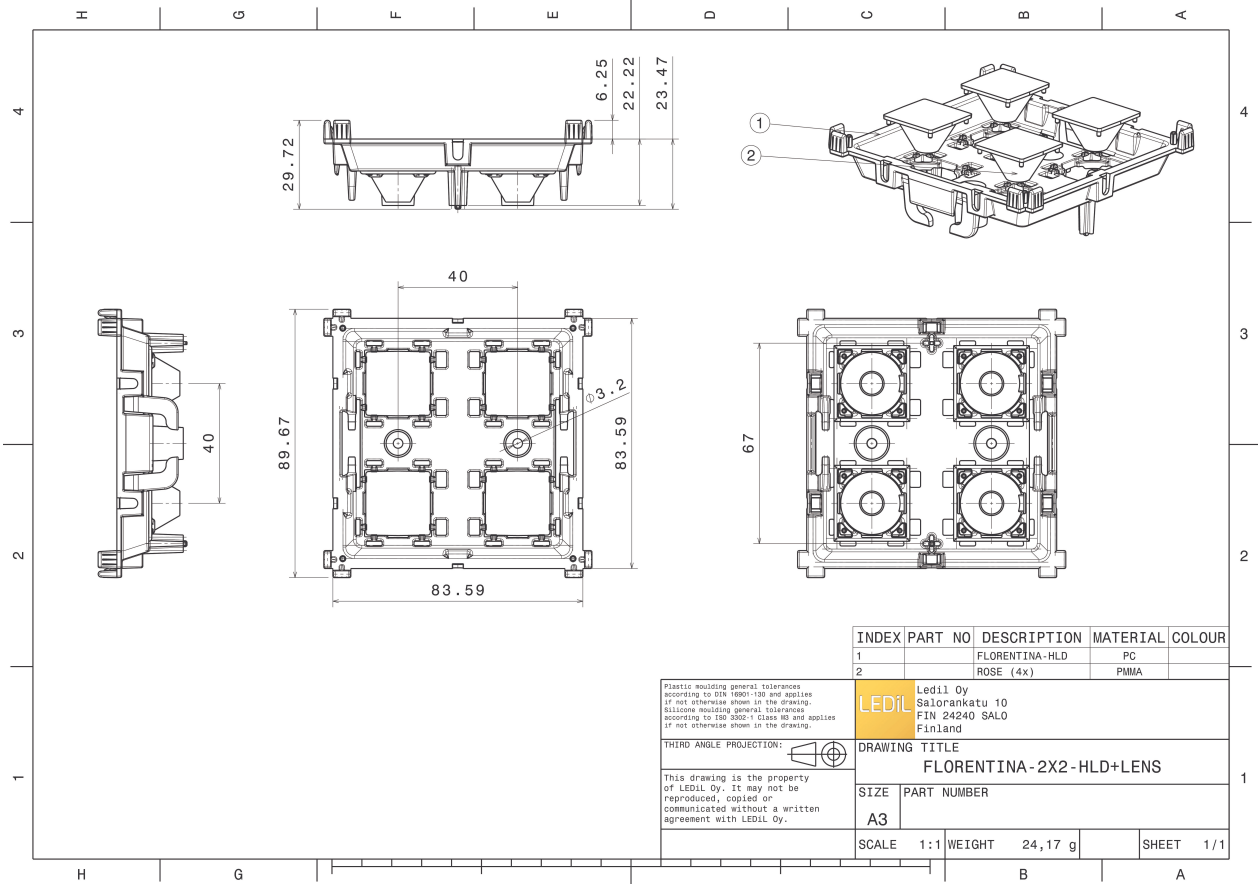
MATERIALS:

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

ORDERING INFORMATION:


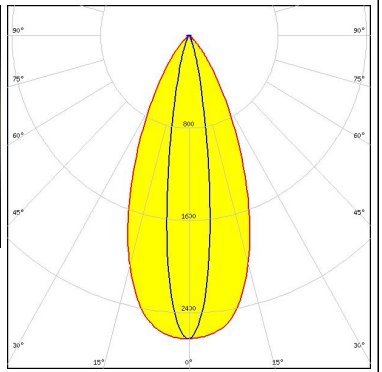

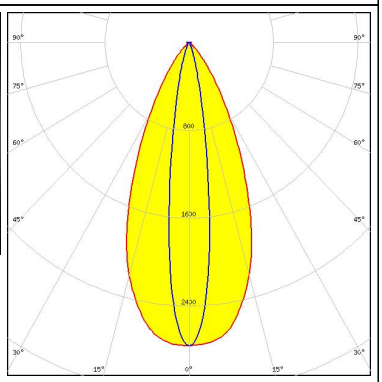

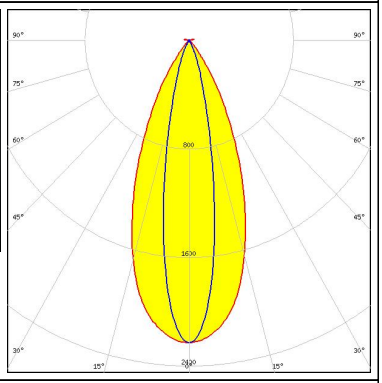


Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14968_FLORENTINA-2X2-O	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					





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

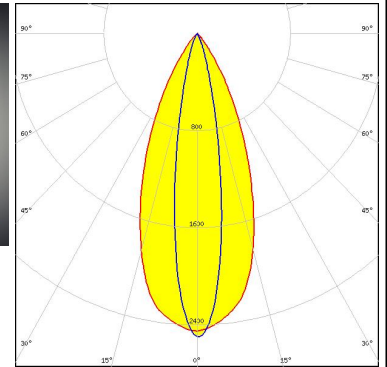
OPTICAL RESULTS (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED EASY-T FLUX 2x2 FLR XG xxx G7</p> <p>FWHM / FWTM 45.0 + 17.0° / 78.0 + 34.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 2.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>COMET ELECTRONICS</p> <p>LED EASY-T FLUX 2x2 FLR XT xxx G5</p> <p>FWHM / FWTM 46.0 + 16.0° / 77.0 + 32.0°</p> <p>Efficiency 79 %</p> <p>Peak intensity 2.8 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>CREE LED</p> <p>LED XHP35 HD</p> <p>FWHM / FWTM 43.0 + 20.0° / 72.0 + 41.0°</p> <p>Efficiency 72 %</p> <p>Peak intensity 2.2 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p>C14734_FLORENTINA-2X2-SHD</p>		
<p>CREE LED</p> <p>LED XP-L HD</p> <p>FWHM / FWTM 44.0 + 18.0° / 117.0°</p> <p>Efficiency 70 %</p> <p>Peak intensity 2.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> <p>C14960_FLORENTINA-2X2-SHD-WHT</p>		

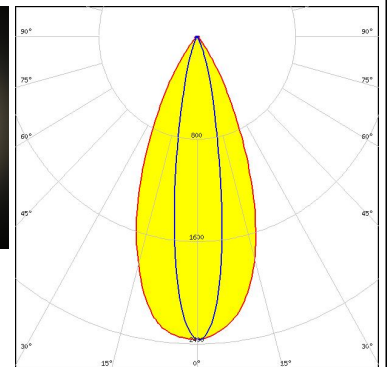
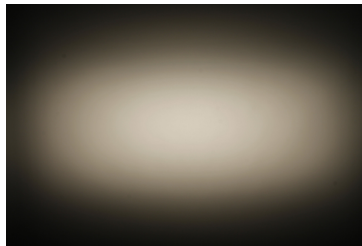
OPTICAL RESULTS (MEASURED):



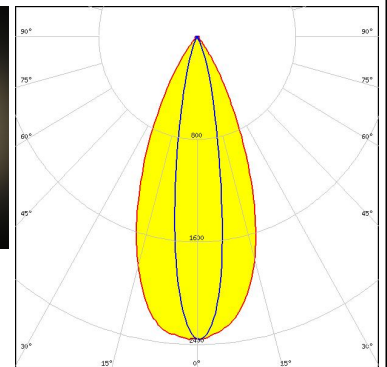
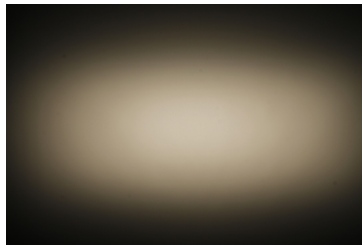
LED XP-L HD
FWHM / FWTM 44.0 + 18.0° / 80.0 + 37.0°
Efficiency 70 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14734_FLORENTINA-2X2-SHD



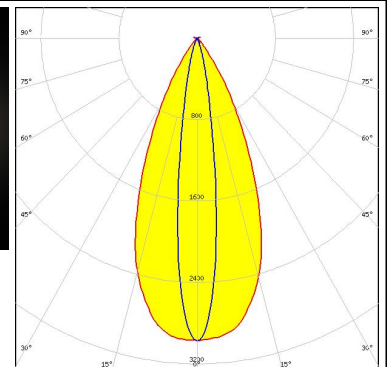
LED LUXEON MZ
FWHM / FWTM 44.0 + 18.0° / 70.0 + 38.0°
Efficiency 74 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14960_FLORENTINA-2X2-SHD-WHT




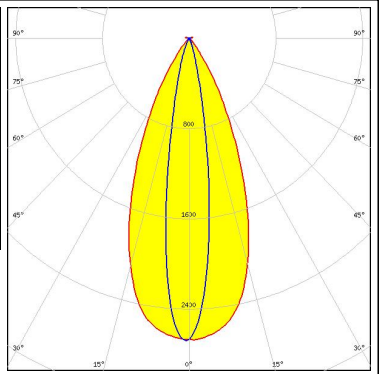

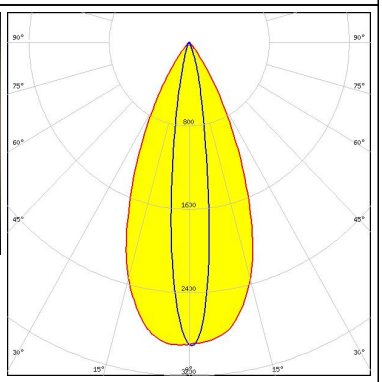
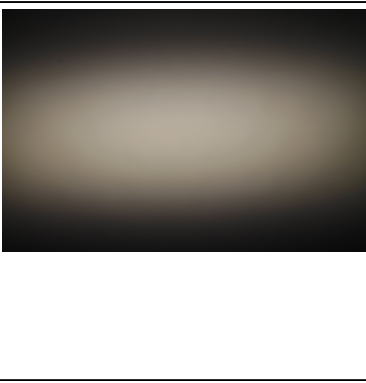
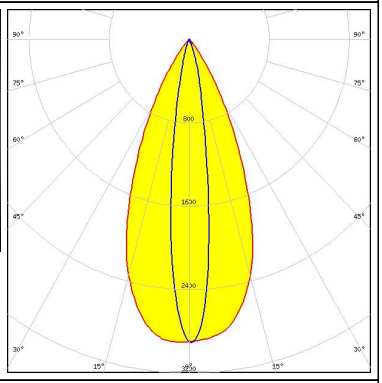

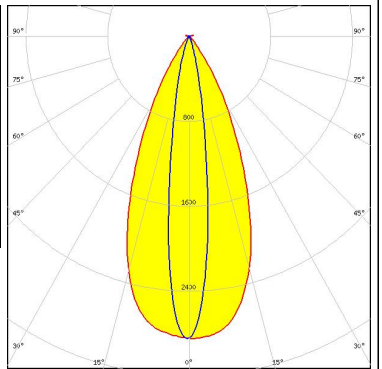
LED LUXEON MZ
FWHM / FWTM 44.0 + 18.0° / 70.0 + 37.0°
Efficiency 70 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14734_FLORENTINA-2X2-SHD



LED LUXEON TX
FWHM / FWTM 46.0 + 15.0° / 71.0 + 31.0°
Efficiency 75 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C14734_FLORENTINA-2X2-SHD



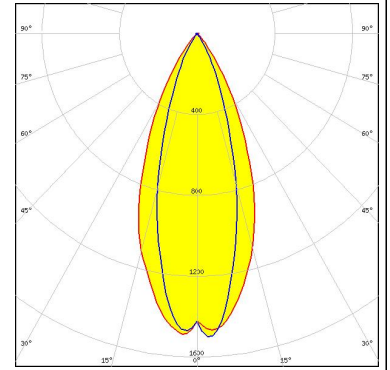
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 44.0 + 17.0° / 70.0 + 33.0° Efficiency 73 % Peak intensity 2.7 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 46.0 + 15.0° / 71.0 + 31.0° Efficiency 73 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM 46.0 + 15.0° / 71.0 + 31.0° Efficiency 70 % Peak intensity 2.9 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSLOM Square EC FWHM / FWTM 45.0 + 15.0° / 71.0 + 32.0° Efficiency 74 % Peak intensity 2.8 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		

OPTICAL RESULTS (SIMULATED):

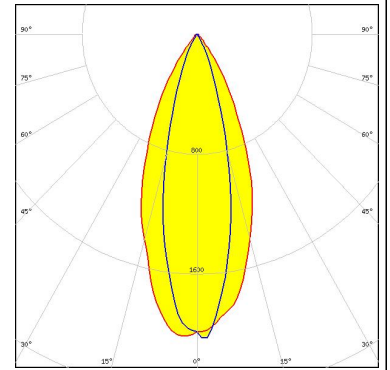
LUMILEDS

LED LUXEON 7070
FWHM / FWTM 44.0 + 31.0° / 74.0 + 58.0°
Efficiency 69 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



LUMILEDS

LED LUXEON M/MX
FWHM / FWTM 43.0 + 26.0° / 74.0 + 51.0°
Efficiency 84 %
Peak intensity 2.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



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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