

FLORENTINA-2X2-M

~30° medium beam

SPECIFICATION:

Dimensions	89.6 x 89.6 mm
Height	22.2 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

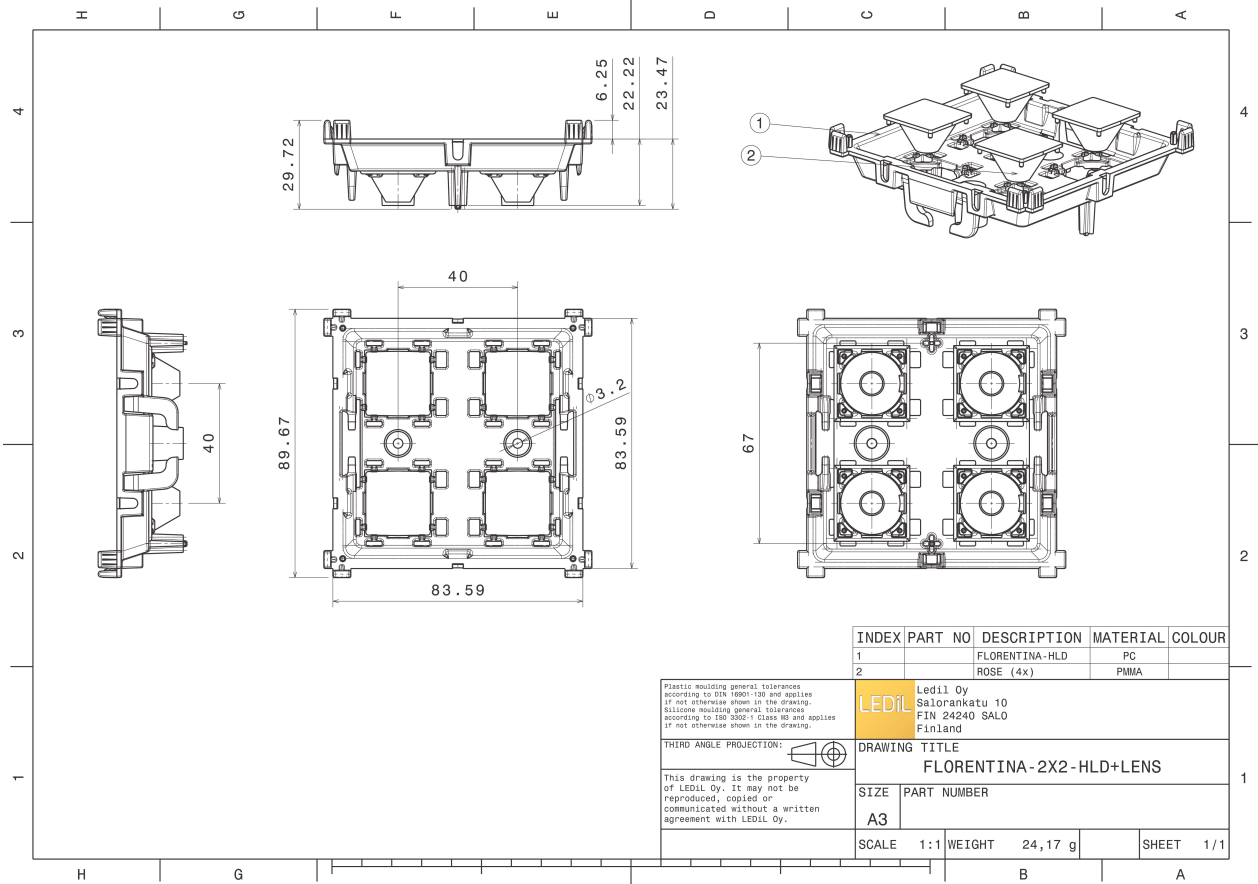
MATERIALS:

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

ORDERING INFORMATION:


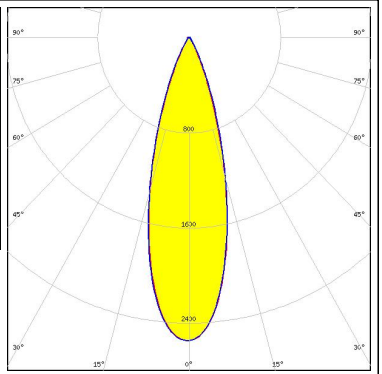

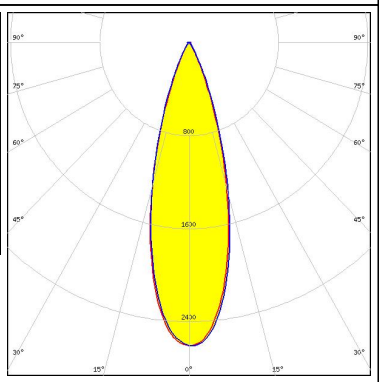

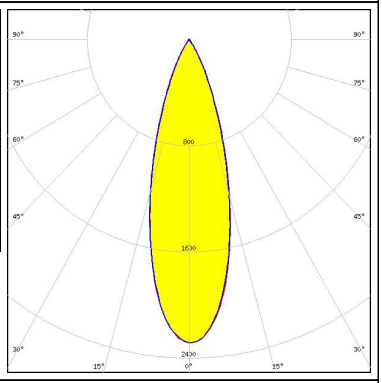


Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14967_FLORENTINA-2X2-M	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					



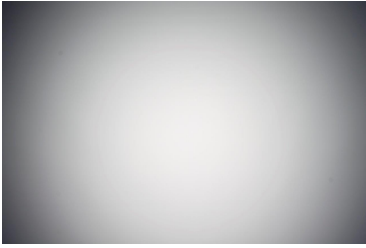
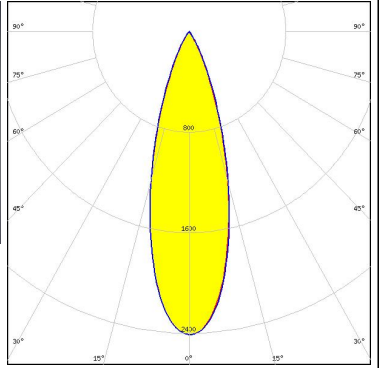

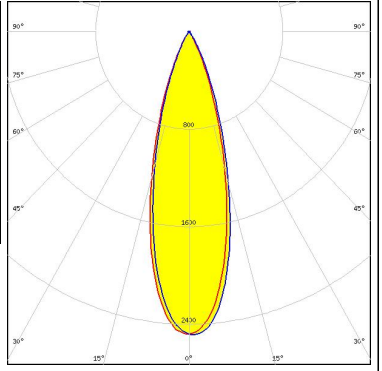
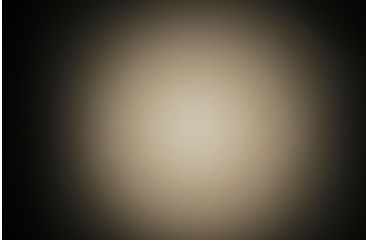
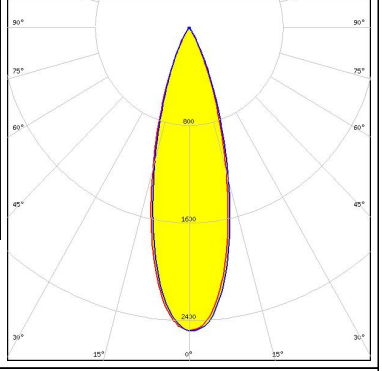
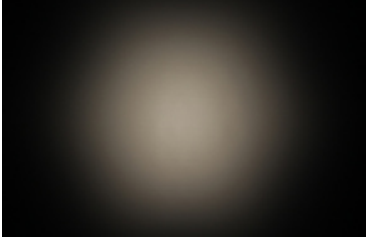
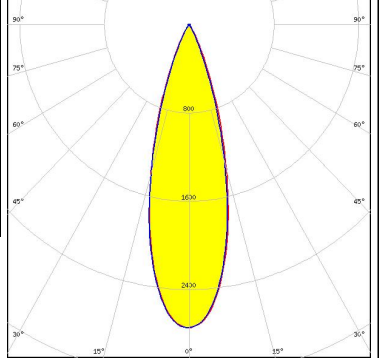


See also our general installation guide: www.ledil.com/installation_guide

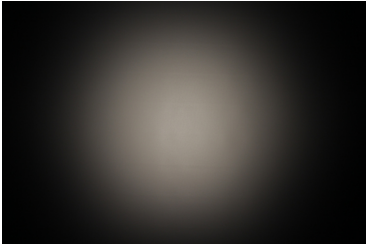
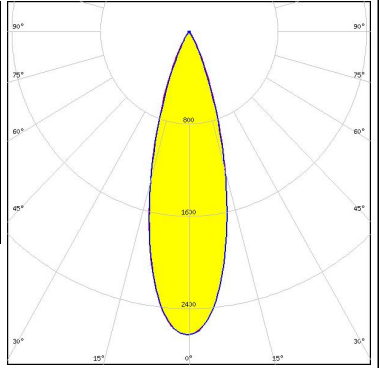

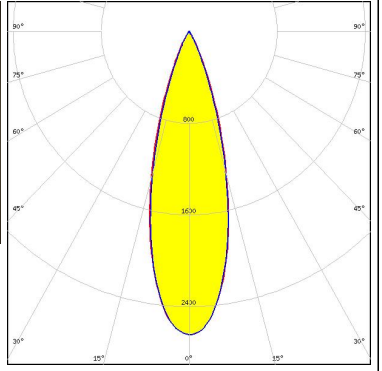
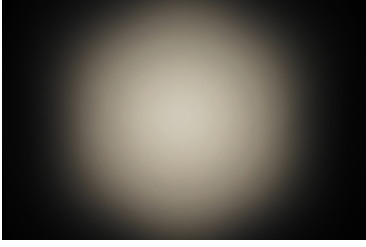
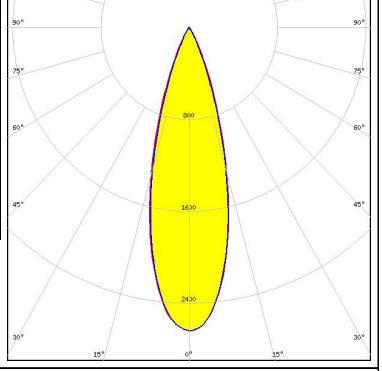
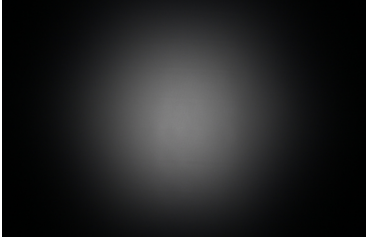
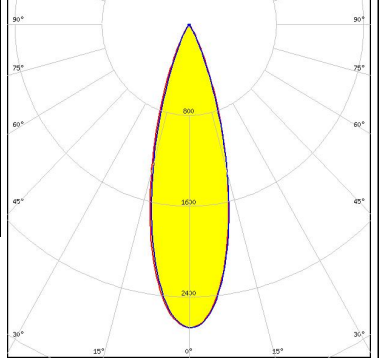
OPTICAL RESULTS (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED EASY-T FLUX 2x2 FLR XG xxx G7</p> <p>FWHM / FWTM 30.0° / 52.0°</p> <p>Efficiency 83 %</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>COMET ELECTRONICS</p> <p>LED EASY-T FLUX 2x2 FLR XT xxx G5</p> <p>FWHM / FWTM 30.0° / 52.0°</p> <p>Efficiency 83 %</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>CREE LEDs</p> <p>LED XHP35 HD</p> <p>FWHM / FWTM 31.0° / 57.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 2.3 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 LEDs</p> <p>LED XP-L HD</p> <p>FWHM / FWTM 30.0° / 55.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 2.4 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):

<p>CREE LEDs</p> <p>LED: XP-L HD FWHM / FWTM: 30.0° / 55.0° Efficiency: 75 % Peak intensity: 2.4 cd/lm LEDs/each optic: 1 Light colour: White</p> <p>Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>LUMILEDS</p> <p>LED: LUXEON MZ FWHM / FWTM: 29.0° / 53.0° Efficiency: 77 % Peak intensity: 2.5 cd/lm LEDs/each optic: 1 Light colour: White</p> <p>Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p>LUMILEDS</p> <p>LED: LUXEON MZ FWHM / FWTM: 30.0° / 53.0° Efficiency: 75 % Peak intensity: 2.5 cd/lm LEDs/each optic: 1 Light colour: White</p> <p>Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>LUMILEDS</p> <p>LED: LUXEON TX FWHM / FWTM: 30.0° / 51.0° Efficiency: 80 % Peak intensity: 2.7 cd/lm LEDs/each optic: 1 Light colour: White</p> <p>Required components: C14734_FLORENTINA-2X2-SHD</p>		

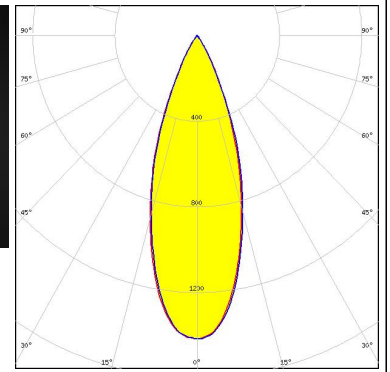
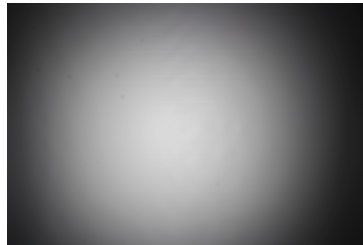
OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 30.0° / 53.0° Efficiency 79 % Peak intensity 2.6 cd/m 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 30.0° / 51.0° Efficiency 77 % Peak intensity 2.6 cd/m 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 30.0° / 51.0° Efficiency 75 % Peak intensity 2.6 cd/m 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 30.0° / 52.0° Efficiency 80 % Peak intensity 2.7 cd/m LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		

OPTICAL RESULTS (MEASURED):

SAMSUNG

LED HiLOM SC16 (LH181B)
FWHM / FWTM 36.0° / 60.0°
Efficiency 58 %
Peak intensity 1.4 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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