

FLORENTINA-4X1-SS

~16° smooth spot beam

SPECIFICATION:

Dimensions	169.7 x 49.7 mm
Height	28.5 mm
Fastening	pin
ROHS compliant	yes ⓘ

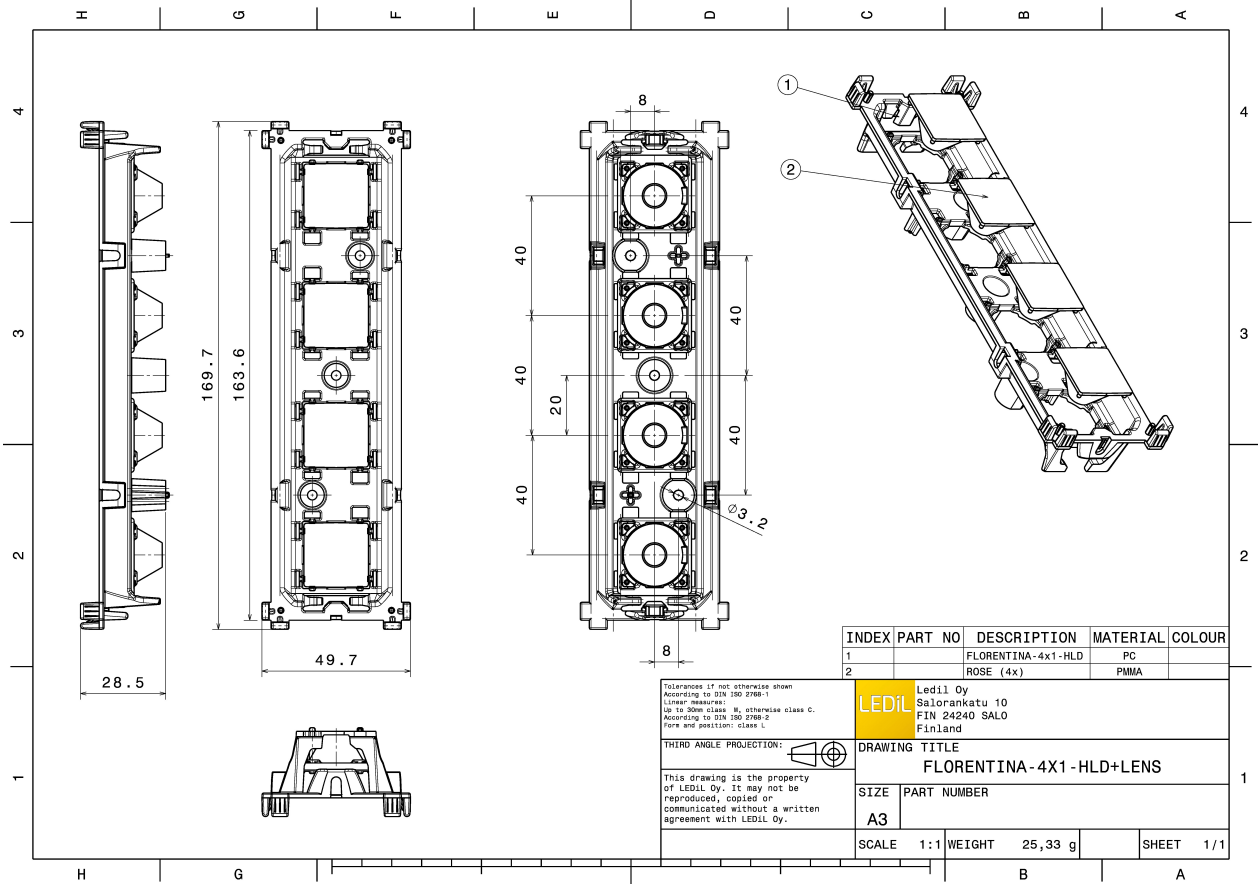
MATERIALS:

Component	Type	Material	Colour	Finish
ROSE-CMC-SS	Single lens	PC	clear	
FLORENTINA-4X1-HLD	Holder	PC	black	

ORDERING INFORMATION:


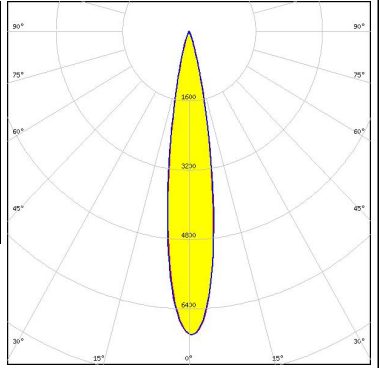
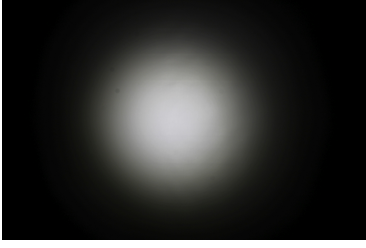
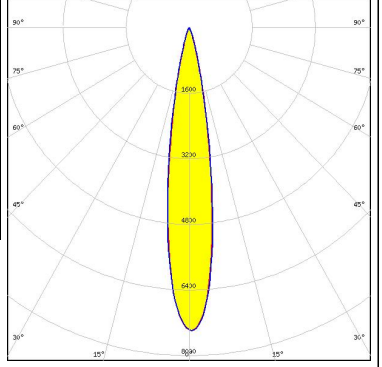


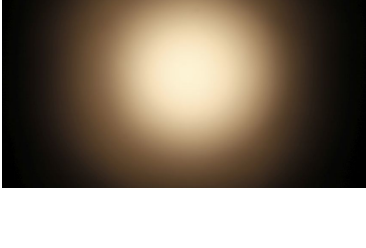
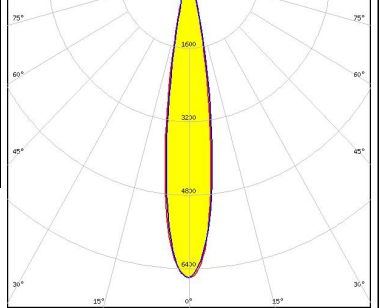
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCP15343_FLORENTINA-4X1-SS » Box size: 476 x 273 x 292 mm	Single lens	72	72	8	3.4




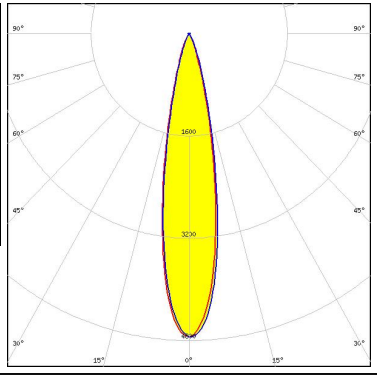

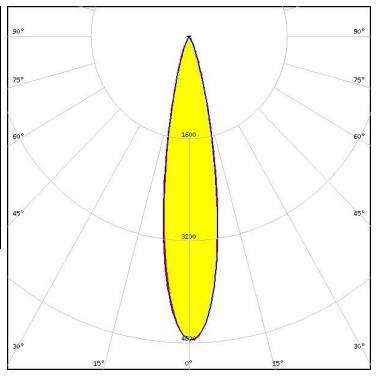

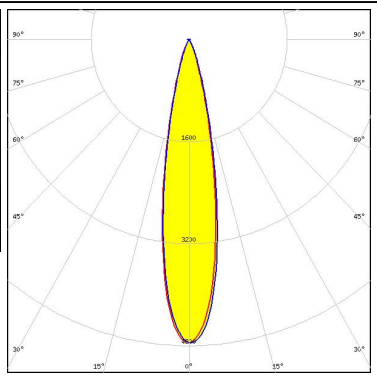

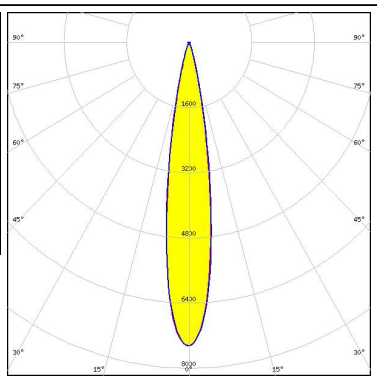


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>COMET ELECTRONICS</p> <p>LED EASY-T FLUX 1x4 FLR XG xxx G7</p> <p>FWHM / FWTM 17.0° / 32.0°</p> <p>Efficiency 80 %</p> <p>Peak intensity 7 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15028_FLORENTINA-4X1-SHD</p>		
<p>COMET ELECTRONICS</p> <p>LED EASY-T FLUX 1x4 FLR XT xxx G5</p> <p>FWHM / FWTM 17.0° / 32.0°</p> <p>Efficiency 81 %</p> <p>Peak intensity 7.4 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15028_FLORENTINA-4X1-SHD</p>		
<p>CREE LED</p>		
<p>LED XP-G2</p> <p>FWHM / FWTM 17.0° / 32.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 6.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p>CREE LED</p>		
<p>LED XP-G2</p> <p>FWHM / FWTM 17.0° / 32.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 6.6 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15028_FLORENTINA-4X1-SHD</p>		

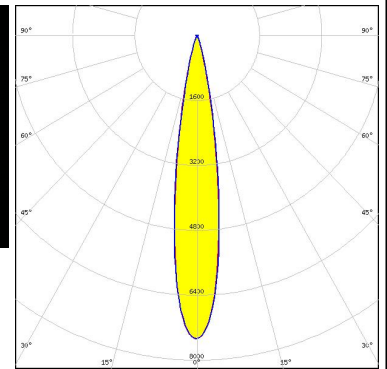
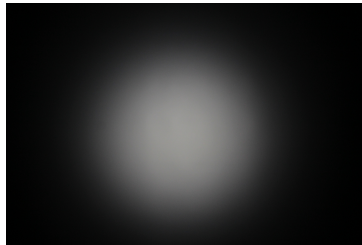
OPTICAL RESULTS (MEASURED):

<p>CREE → LED</p> <p>LED XP-L2 FWHM / FWTM 21.0° / 39.0° Efficiency 81 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour White Required components: C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p>CREE → LED</p> <p>LED XP-L2 FWHM / FWTM 21.0° / 39.0° Efficiency 82 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour White Required components: C15690_FLORENTINA-4X1-SHD-WHT</p>		
<p>CREE → LED</p> <p>LED XP-L2 FWHM / FWTM 21.0° / 39.0° Efficiency 81 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour White Required components: C15028_FLORENTINA-4X1-SHD</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM / FWTM 17.0° / 31.0° Efficiency 84 % Peak intensity 7.5 cd/lm LEDs/each optic 1 Light colour White Required components: C15028_FLORENTINA-4X1-SHD</p>		

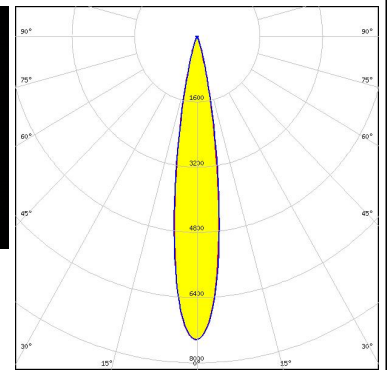
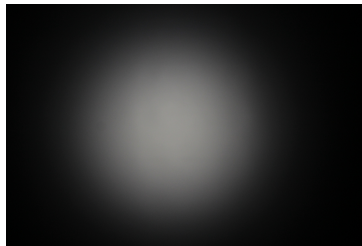
OPTICAL RESULTS (MEASURED):



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 17.0° / 31.0°
 Efficiency 86 %
 Peak intensity 7.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15690_FLORENTINA-4X1-SHD-WHT

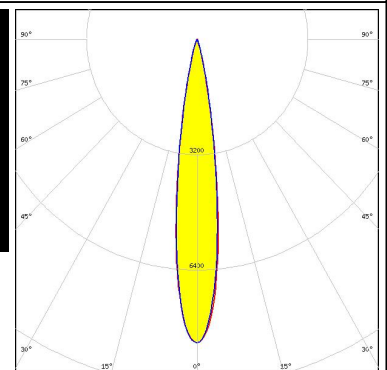


LED NVSxx19B/NVSxx19C
 FWHM / FWTM 17.0° / 31.0°
 Efficiency 84 %
 Peak intensity 7.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15198_FLORENTINA-4X1-SHD-OPEN



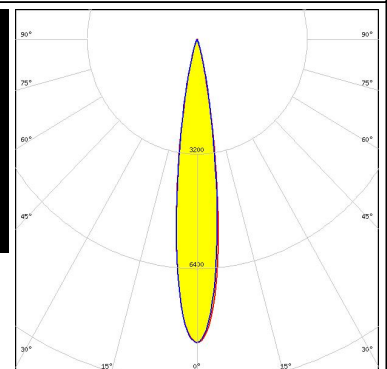
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 81 %
 Peak intensity 8.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15198_FLORENTINA-4X1-SHD-OPEN



Opto Semiconductors

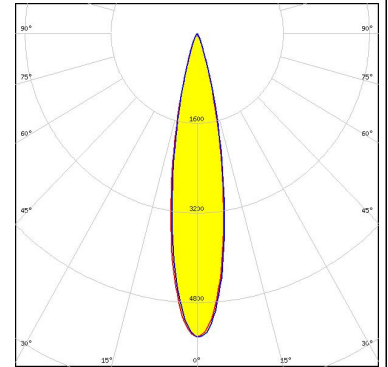
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 16.0° / 29.0°
 Efficiency 81 %
 Peak intensity 8.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15028_FLORENTINA-4X1-SHD



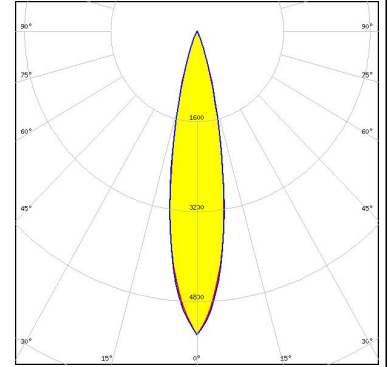
OPTICAL RESULTS (SIMULATED):



LED XP-L HD
FWHM / FWTM 37.0° / 20.0°
Efficiency 79 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15028_FLORENTINA-4X1-SHD



LED XP-L HD
FWHM / FWTM 20.0° / 38.0°
Efficiency 86 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15198_FLORENTINA-4X1-SHD-OPEN



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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