

## FLORENTINA-4X1-M

~30° medium beam

### SPECIFICATION:

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

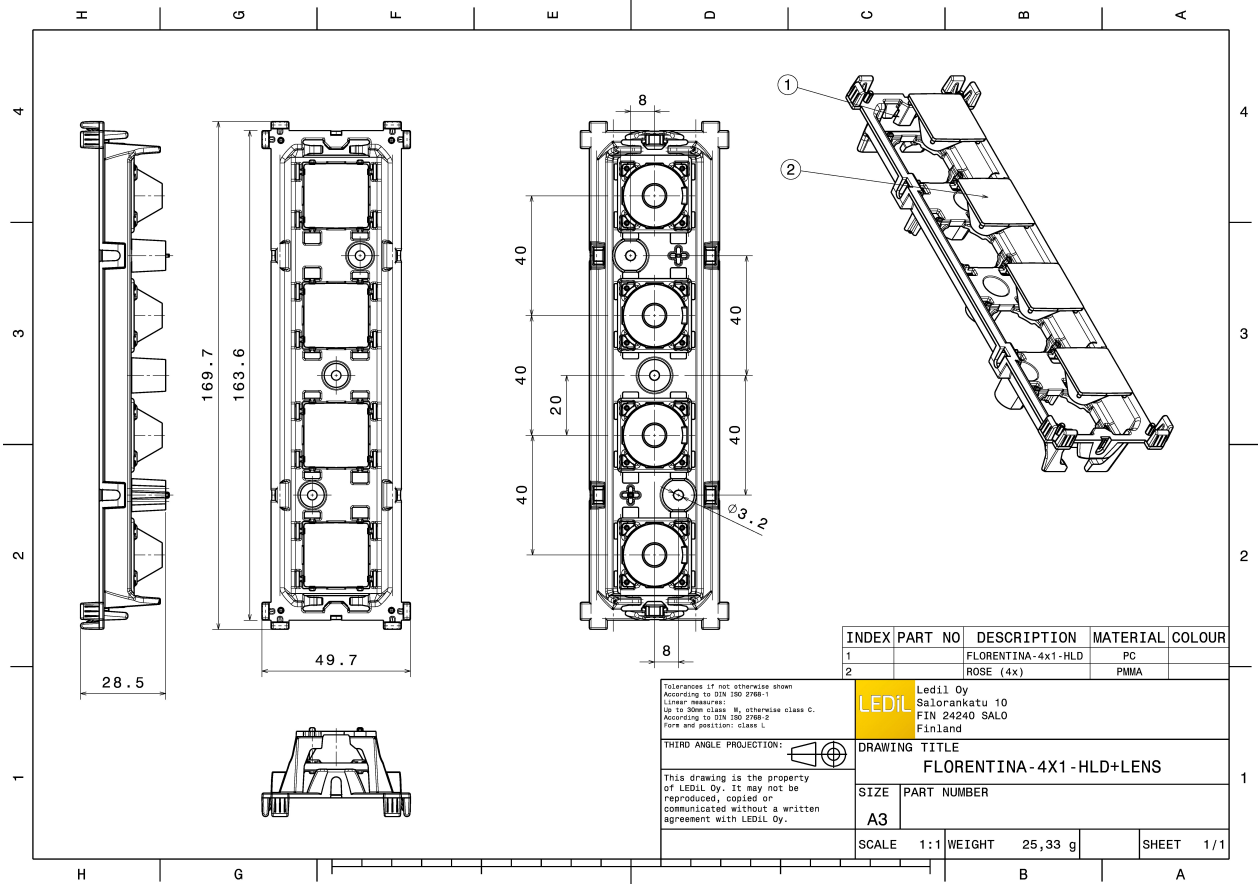
### MATERIALS:

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

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP15346_FLORENTINA-4X1-M	Single lens	72	72	8	3.4
» Box size: 476 x 273 x 292 mm					



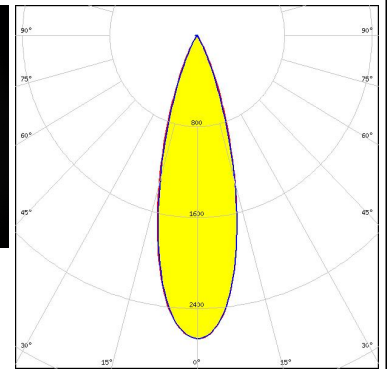
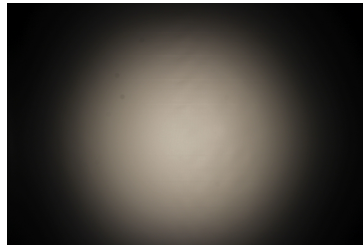


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

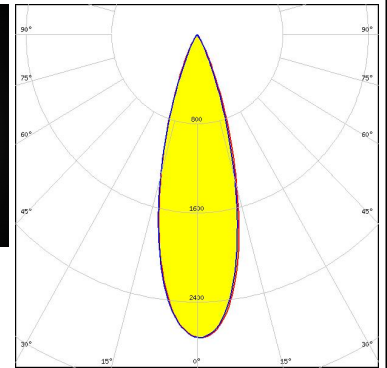
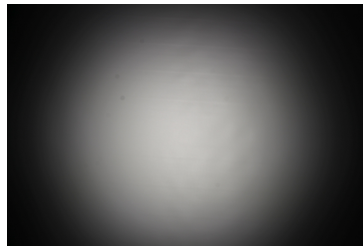
#### OPTICAL RESULTS (MEASURED):



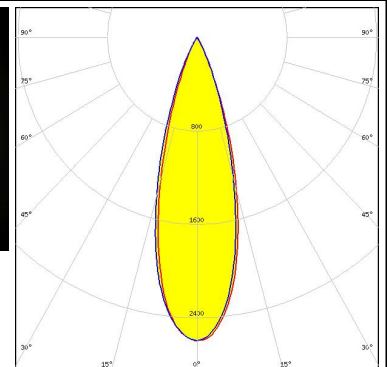
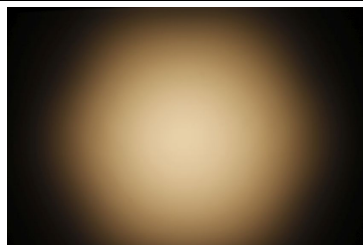
LED EASY-T FLUX 1x4 FLR XG xxx G7  
 FWHM / FWTM 30.0° / 52.0°  
 Efficiency 77 %  
 Peak intensity 2.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15028\_FLORENTINA-4X1-SHD



LED EASY-T FLUX 1x4 FLR XT xxx G5  
 FWHM / FWTM 30.0° / 51.0°  
 Efficiency 78 %  
 Peak intensity 2.7 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15028\_FLORENTINA-4X1-SHD

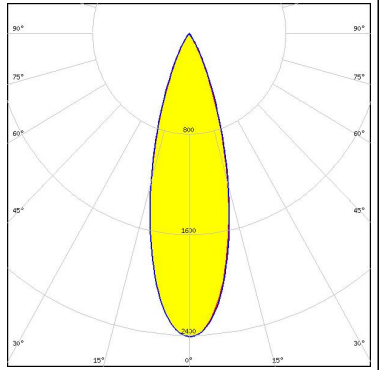

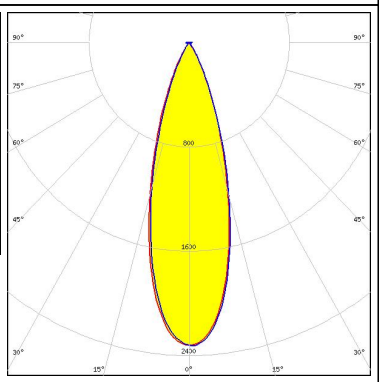

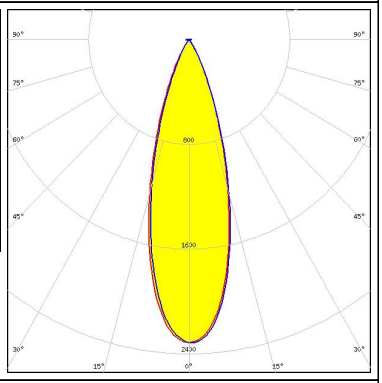

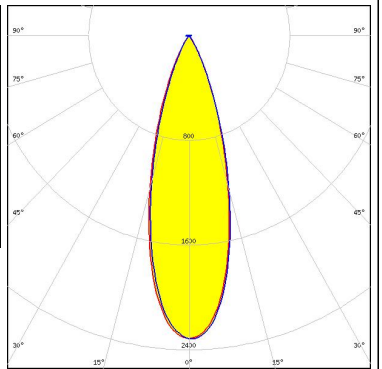


LED XP-G2  
 FWHM / FWTM 30.0° / 51.0°  
 Efficiency 75 %  
 Peak intensity 2.6 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15198\_FLORENTINA-4X1-SHD-OPEN

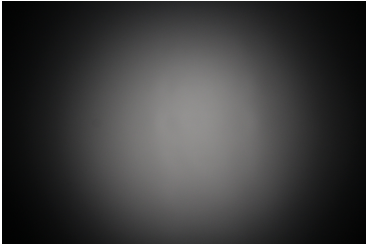
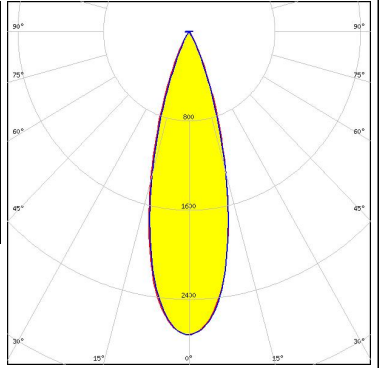
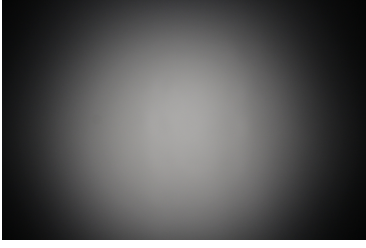
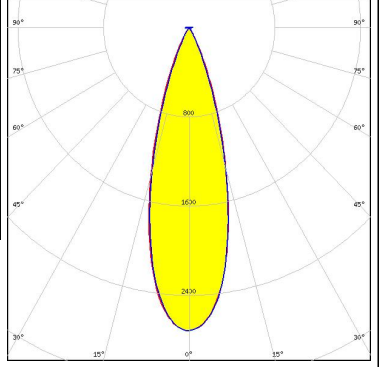
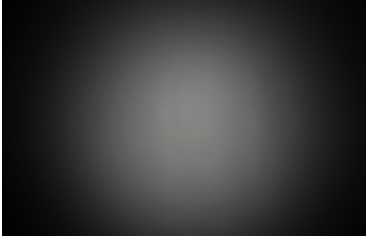
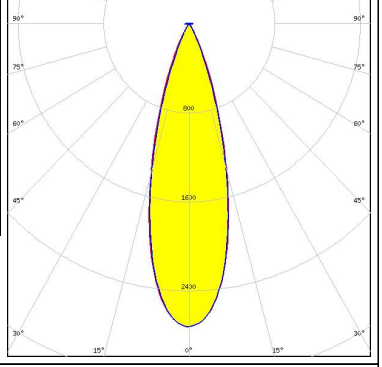
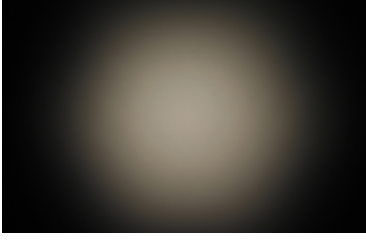
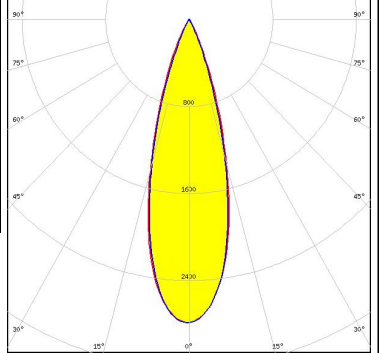


LED XP-G2  
 FWHM / FWTM 30.0° / 51.0°  
 Efficiency 75 %  
 Peak intensity 2.6 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15028\_FLORENTINA-4X1-SHD

#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED            XP-L HD            FWHM / FWTM    30.0° / 55.0°            Efficiency        75 %            Peak intensity    2.4 cd/m            LEDs/each optic    1            Light colour        White            Required components:                      C15028_FLORENTINA-4X1-SHD</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED            XP-L2            FWHM / FWTM    31.0° / 55.0°            Efficiency        81 %            Peak intensity    2.3 cd/m            LEDs/each optic    1            Light colour        White            Required components:                      C15690_FLORENTINA-4X1-SHD-WHT</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED            XP-L2            FWHM / FWTM    31.0° / 55.0°            Efficiency        78 %            Peak intensity    2.3 cd/m            LEDs/each optic    1            Light colour        White            Required components:                      C15028_FLORENTINA-4X1-SHD</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED            XP-L2            FWHM / FWTM    31.0° / 55.0°            Efficiency        78 %            Peak intensity    2.3 cd/m            LEDs/each optic    1            Light colour        White            Required components:                      C15198_FLORENTINA-4X1-SHD-OPEN</p>		

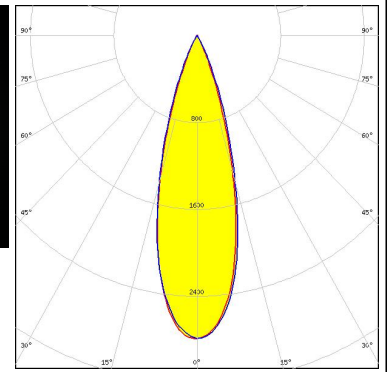
#### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 30.0° / 52.0°            Efficiency 82 %            Peak intensity 2.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 30.0° / 52.0°            Efficiency 82 %            Peak intensity 2.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15028_FLORENTINA-4X1-SHD</p>		
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 30.0° / 52.0°            Efficiency 84 %            Peak intensity 2.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15690_FLORENTINA-4X1-SHD-WHT</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLON Square CSSRM2/CSSRM3            FWHM / FWTM 30.0° / 51.0°            Efficiency 77 %            Peak intensity 2.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15198_FLORENTINA-4X1-SHD-OPEN</p>		

#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	29.0° / 48.0°
Efficiency	77 %
Peak intensity	2.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C15028_FLORENTINA-4X1-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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