


## FLORENTINA-4X1-M

~30° medium beam

### TECHNICAL SPECIFICATIONS:

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

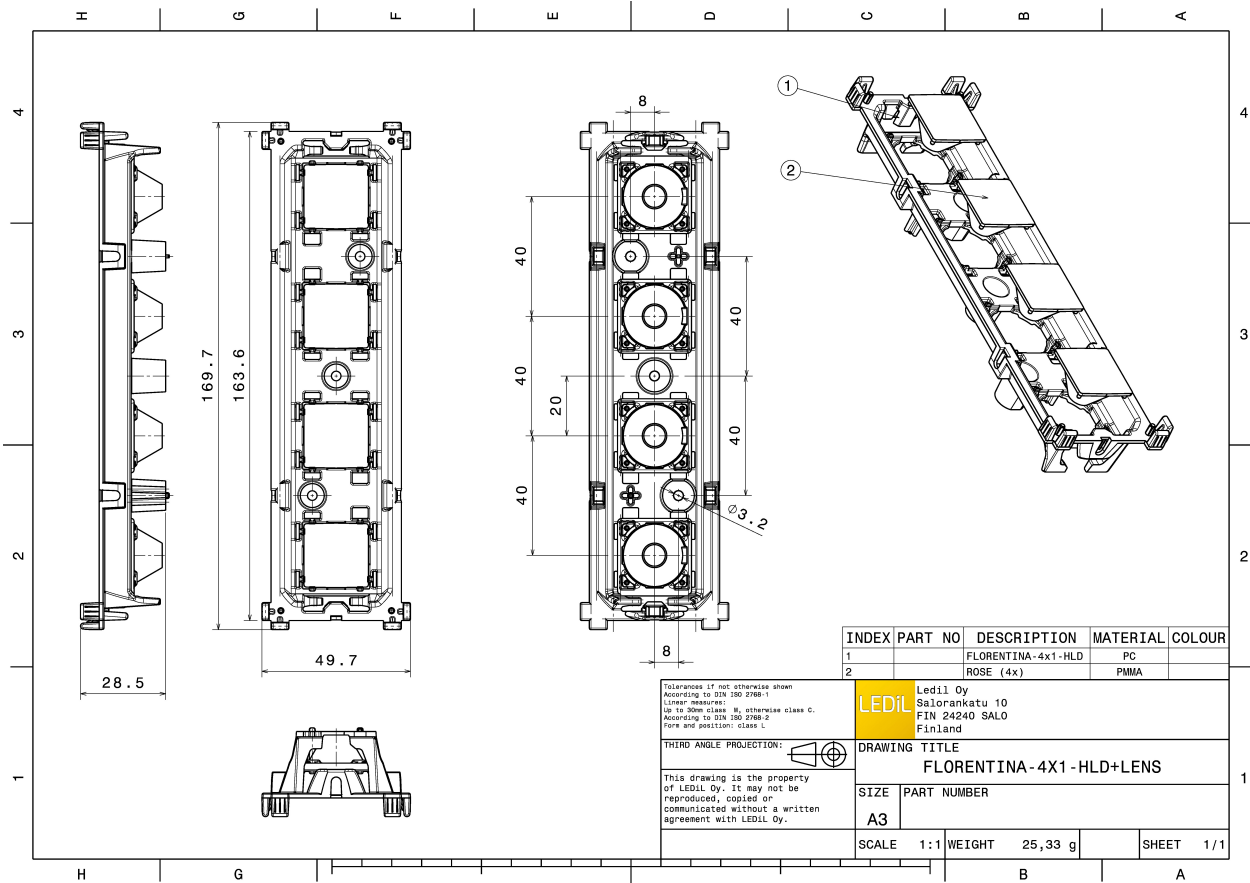
### MATERIAL SPECIFICATIONS:

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

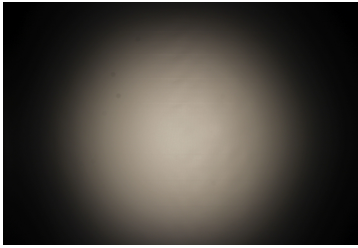
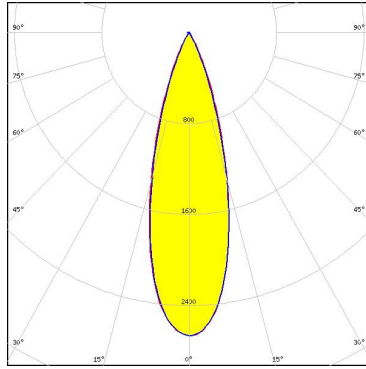
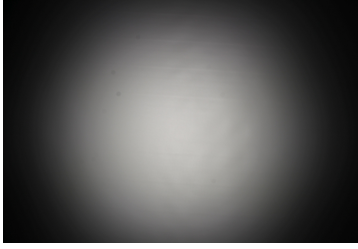
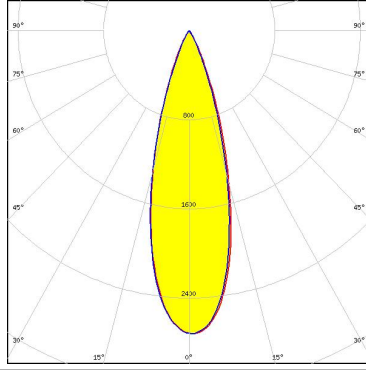
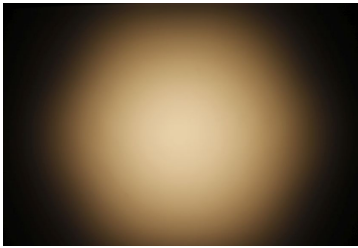
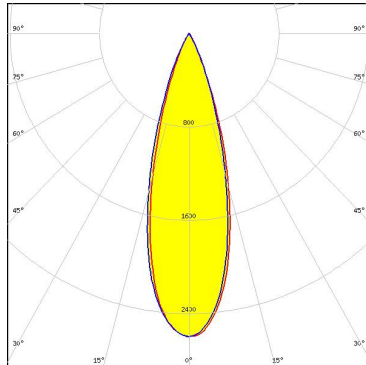


### ORDERING INFORMATION:

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					



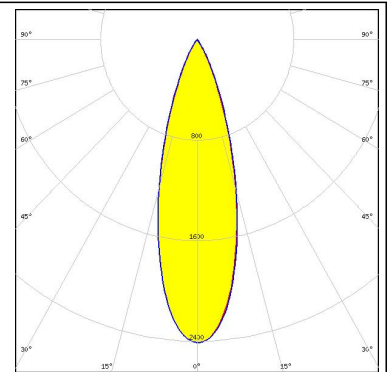
#### PHOTOMETRIC DATA (MEASURED):

<p><b>COMET ELECTRONICS</b></p> <p>LED EASY-T FLUX 1x4 FLR XG xxx G7            FWHM 30.0°            Efficiency 77 %            Peak intensity 2.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15028_FLORENTINA-4X1-SHD</p>		
<p><b>COMET ELECTRONICS</b></p> <p>LED EASY-T FLUX 1x4 FLR XT xxx G5            FWHM 30.0°            Efficiency 78 %            Peak intensity 2.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15028_FLORENTINA-4X1-SHD</p>		
<p><b>CREE</b></p> <p>LED XP-G2            FWHM 30.0°            Efficiency 75 %            Peak intensity 2.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15198_FLORENTINA-4X1-SHD-OPEN</p>		
<p><b>CREE</b></p> <p>LED XP-G2            FWHM 30.0°            Efficiency 75 %            Peak intensity 2.6 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C15028_FLORENTINA-4X1-SHD</p>		

#### PHOTOMETRIC DATA (MEASURED):

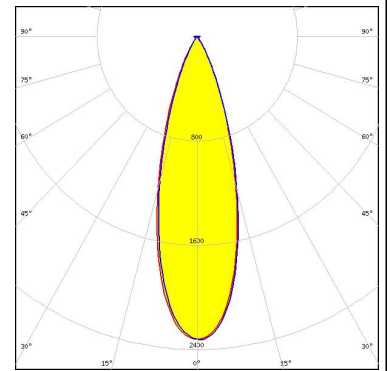
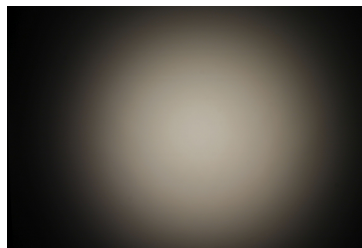
#### CREE

LED XP-L HD  
 FWHM 30.0°  
 Efficiency 75 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15028\_FLORENTINA-4X1-SHD



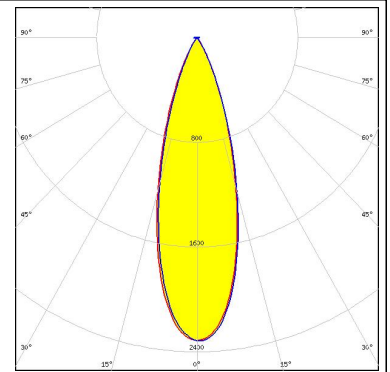
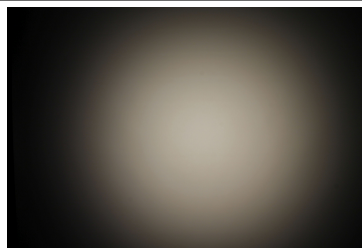
#### CREE

LED XP-L2  
 FWHM 31.0°  
 Efficiency 81 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15690\_FLORENTINA-4X1-SHD-WHT



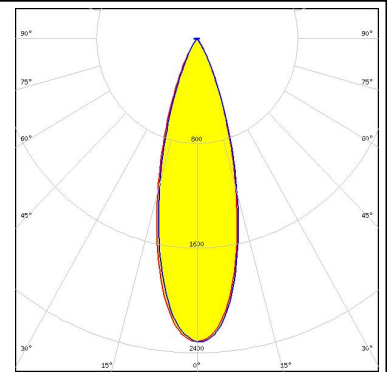
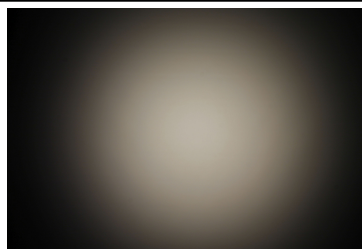
#### CREE

LED XP-L2  
 FWHM 31.0°  
 Efficiency 78 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15198\_FLORENTINA-4X1-SHD-OPEN



#### CREE

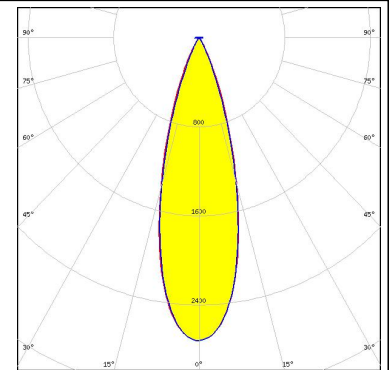
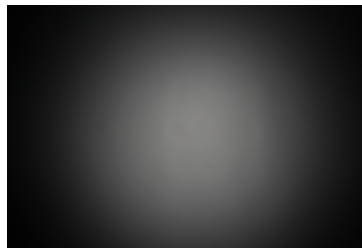
LED XP-L2  
 FWHM 31.0°  
 Efficiency 78 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15028\_FLORENTINA-4X1-SHD



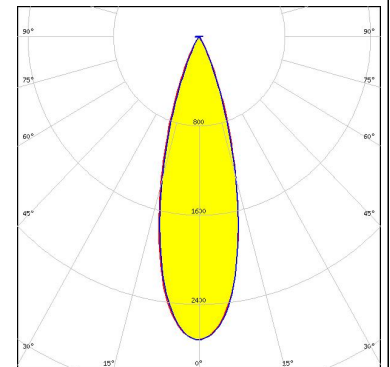
#### PHOTOMETRIC DATA (MEASURED):



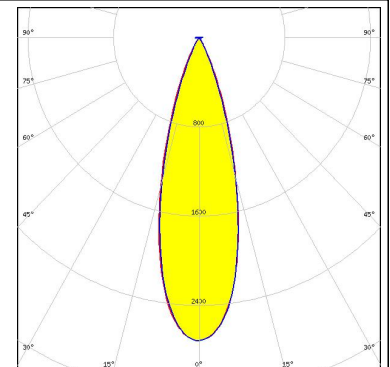
LED NVSxx19B/NVSxx19C  
 FWHM 30.0°  
 Efficiency 84 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15690\_FLORENTINA-4X1-SHD-WHT



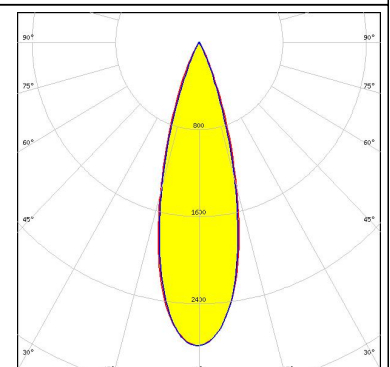
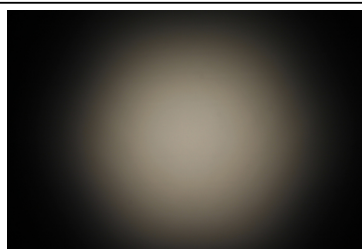
LED NVSxx19B/NVSxx19C  
 FWHM 30.0°  
 Efficiency 82 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15198\_FLORENTINA-4X1-SHD-OPEN



LED NVSxx19B/NVSxx19C  
 FWHM 30.0°  
 Efficiency 82 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15028\_FLORENTINA-4X1-SHD



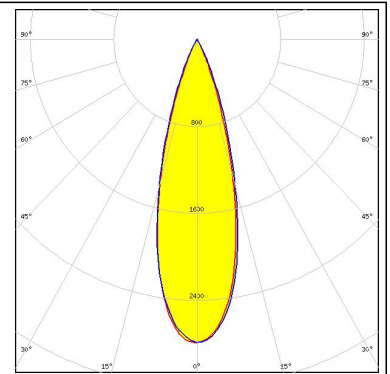
LED OSLOM Square CSSRM2/CSSRM3  
 FWHM 30.0°  
 Efficiency 77 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15198\_FLORENTINA-4X1-SHD-OPEN



#### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
FWHM 29.0°  
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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