

## FLORENTINA-2X2-M

~30° medium beam

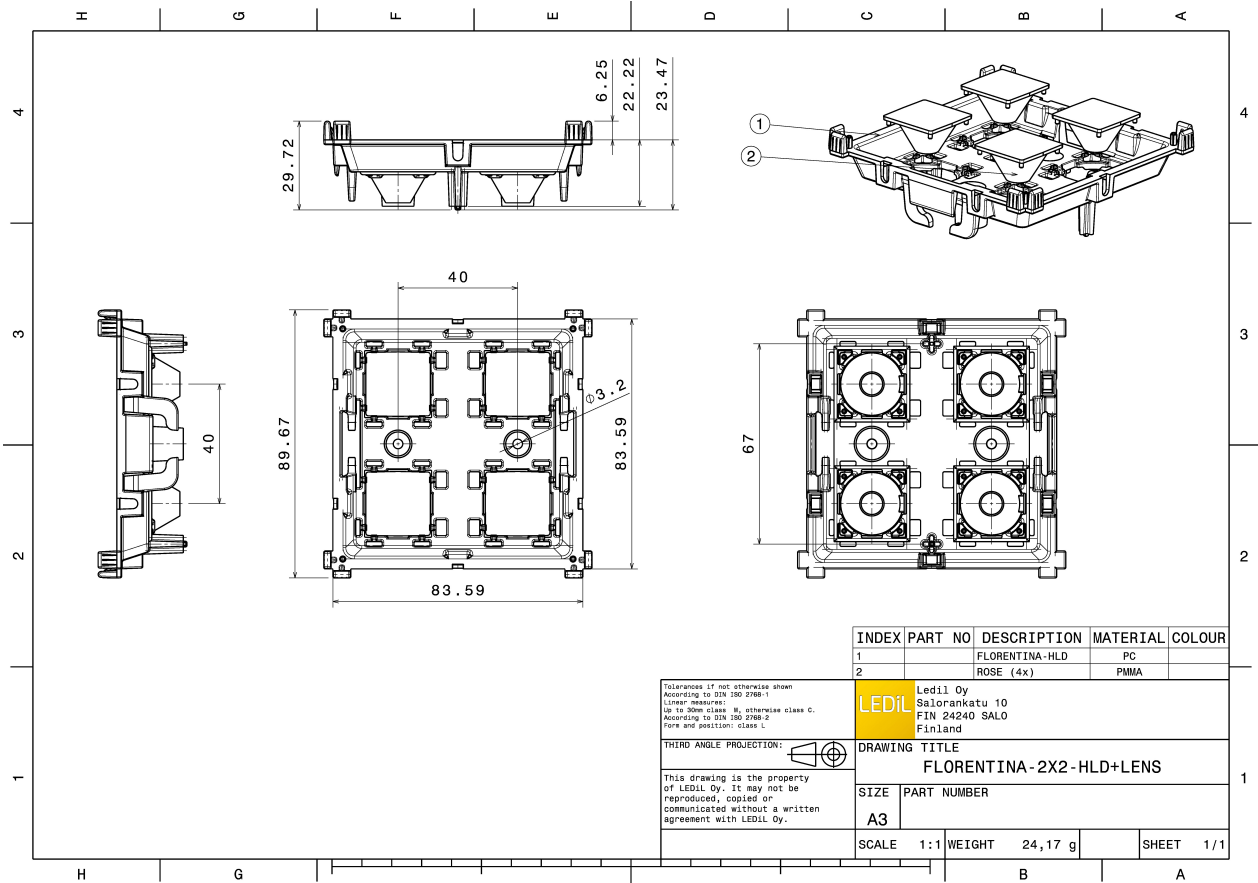
### TECHNICAL SPECIFICATIONS:

Dimensions	89.6 mm
Height	22.2 mm
Fastening	pin, screw
Colour	black
Box size	476 x 273 x 292 mm
Box weight	4.3 kg
Quantity in Box	88 pcs
ROHS compliant	yes ⓘ


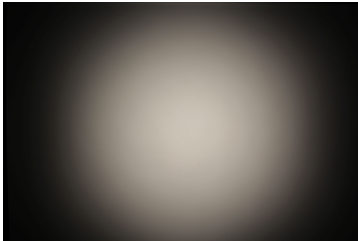
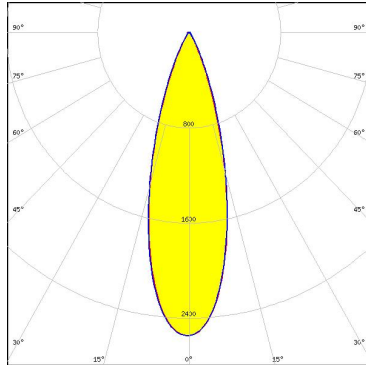

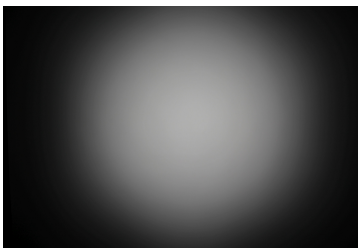
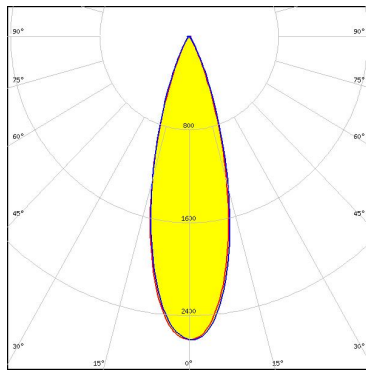


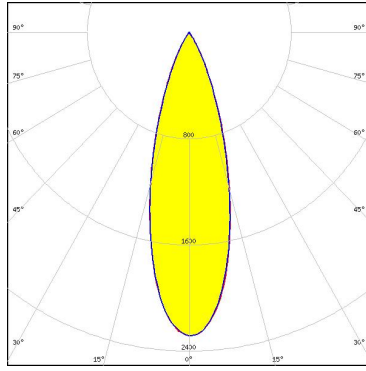


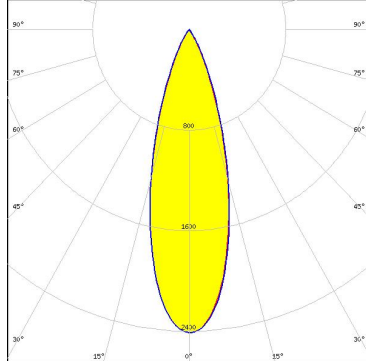


### MATERIAL SPECIFICATIONS:

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



#### PHOTOMETRIC DATA (MEASURED):

<p></p> <p>LED EASY-T FLUX 2x2 FLR XG xxx G7            FWHM 30.0°            Efficiency 83 %            Peak intensity 2.500 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p></p> <p>LED EASY-T FLUX 2x2 FLR XT xxx G5            FWHM 30.0°            Efficiency 83 %            Peak intensity 2.600 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p></p> <p>LED XHP35 HD            FWHM 31.0°            Efficiency 77 %            Peak intensity 2.300 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		
<p></p> <p>LED XP-L HD            FWHM 30.0°            Efficiency 75 %            Peak intensity 2.400 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		

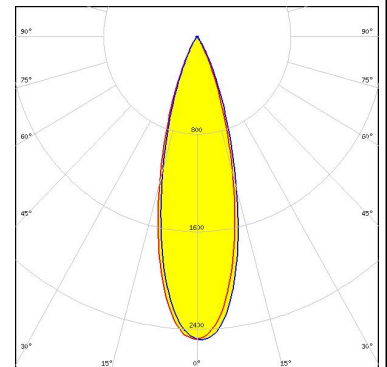
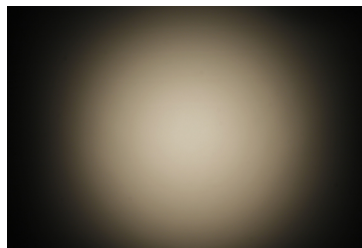
#### PHOTOMETRIC DATA (MEASURED):



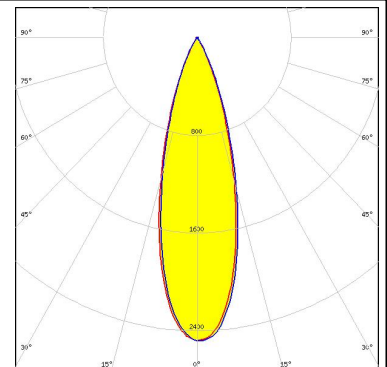
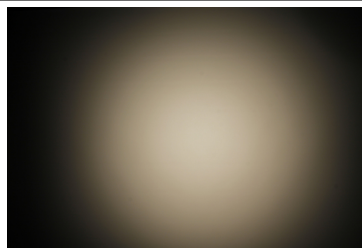
**LED** XP-L HD  
**FWHM** 30.0°  
**Efficiency** 75 %  
**Peak intensity** 2.400 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14960\_FLORENTINA-2X2-SHD-WHT



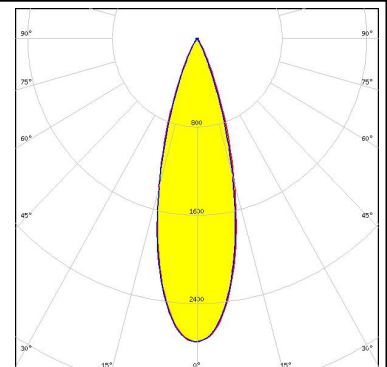
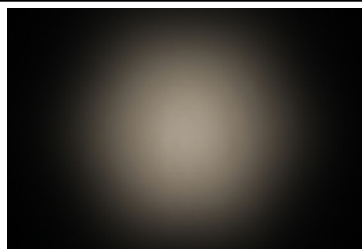
**LED** LUXEON MZ  
**FWHM** 29.0°  
**Efficiency** 77 %  
**Peak intensity** 2.500 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14960\_FLORENTINA-2X2-SHD-WHT



**LED** LUXEON MZ  
**FWHM** 30.0°  
**Efficiency** 75 %  
**Peak intensity** 2.500 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14734\_FLORENTINA-2X2-SHD


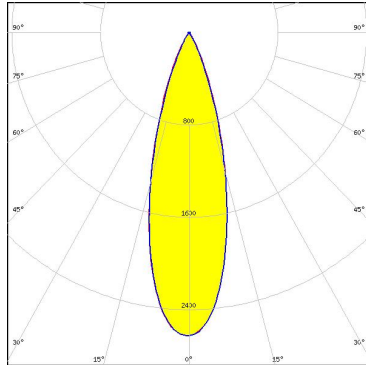
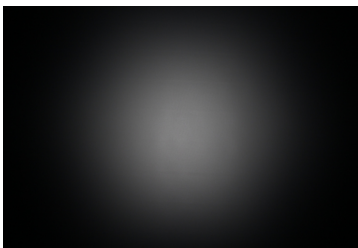
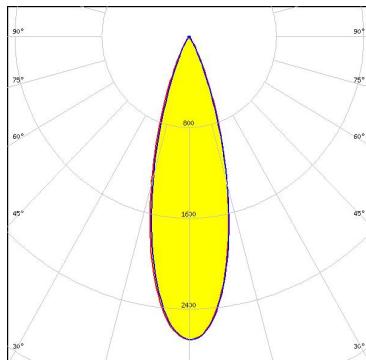

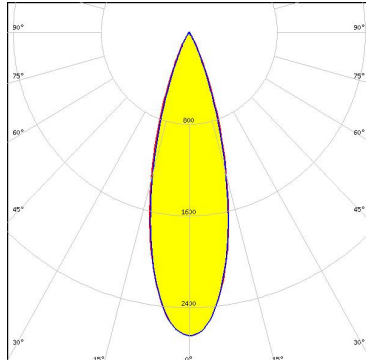
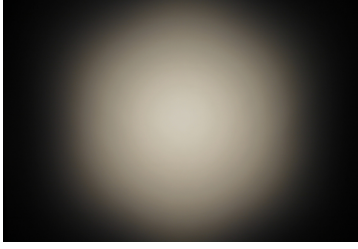
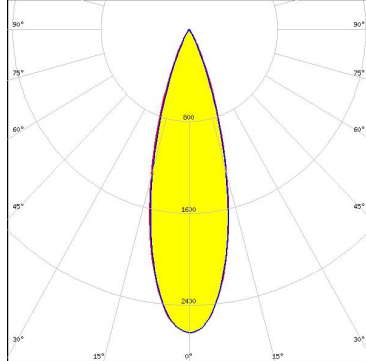


**LED** LUXEON TX  
**FWHM** 30.0°  
**Efficiency** 80 %  
**Peak intensity** 2.700 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14734\_FLORENTINA-2X2-SHD





#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM 30.0°            Efficiency 79 %            Peak intensity 2.600 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon Square EC            FWHM 30.0°            Efficiency 80 %            Peak intensity 2.700 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon Square Gen3            FWHM 30.0°            Efficiency 77 %            Peak intensity 2.600 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Oslon Square Gen3            FWHM 30.0°            Efficiency 75 %            Peak intensity 2.600 cd/lm            LEDs/each optic 1            Light colour White            Required components:            C14734_FLORENTINA-2X2-SHD</p>		

#### 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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