

## FLORENTINA-2X2-D

~18° diffused spot beam

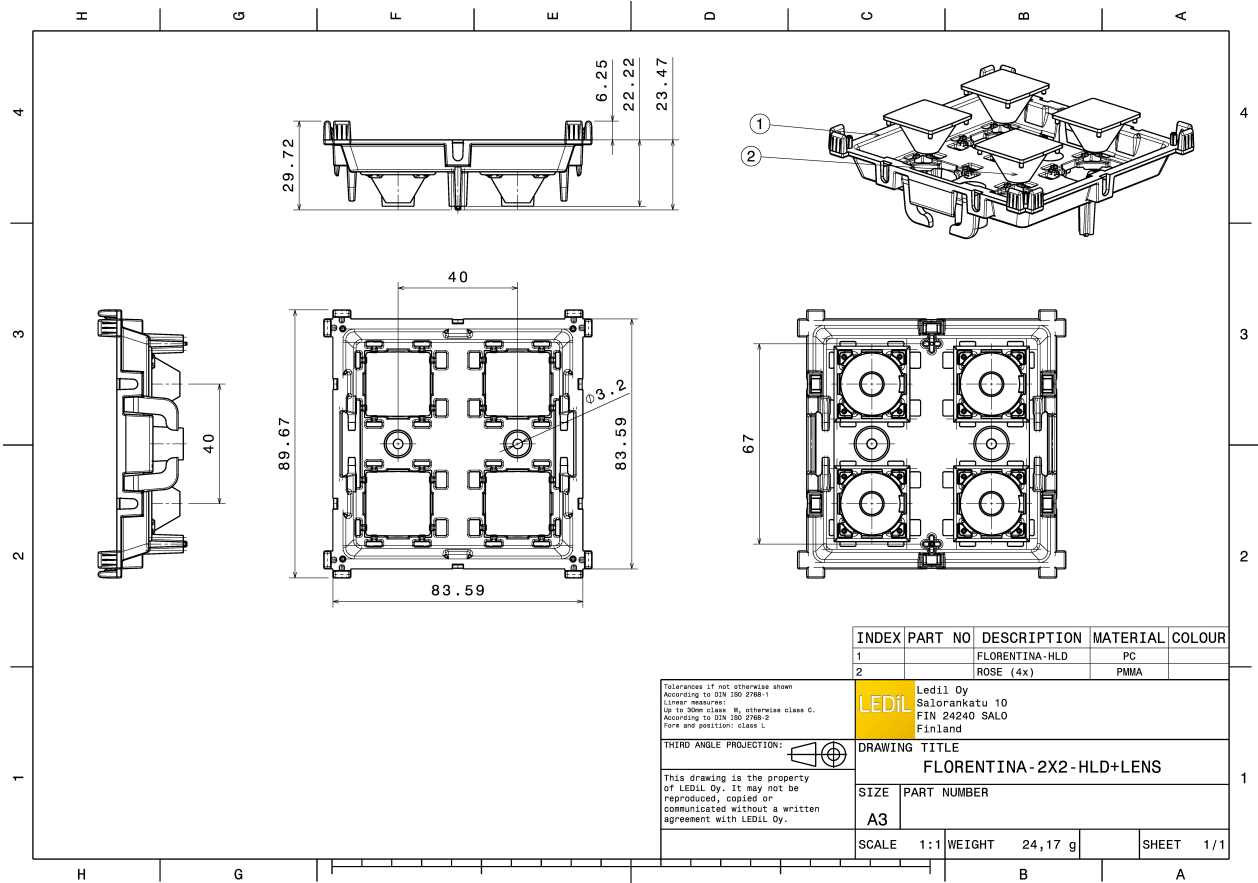
### TECHNICAL SPECIFICATIONS:

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:

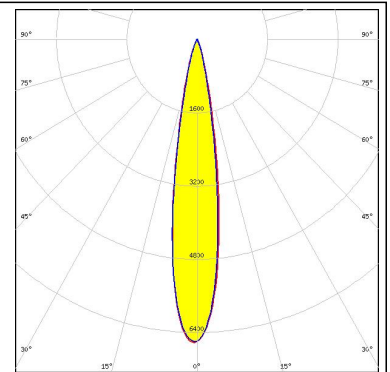
Component	Type	Material	Colour
ROSE-CMC-D	Single lens	PC	clear
FLORENTINA-2X2-HLD	Holder	PC	black



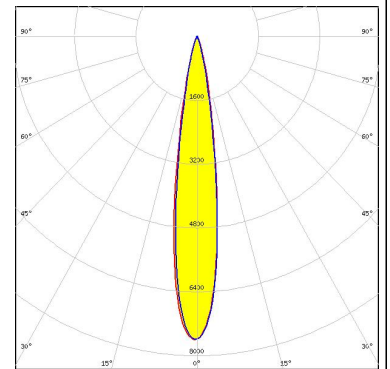
#### PHOTOMETRIC DATA (MEASURED):



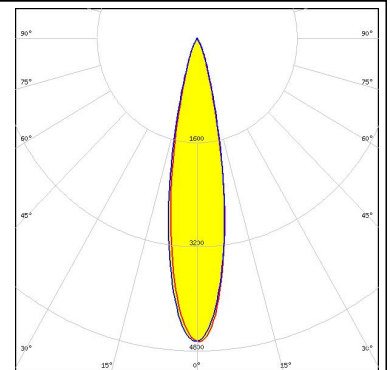
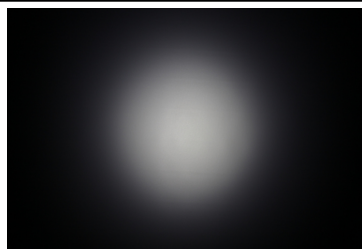
LED EASY-T FLUX 2x2 FLR XG xxx G7  
 FWHM 18.0°  
 Efficiency 83 %  
 Peak intensity 6.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED EASY-T FLUX 2x2 FLR XT xxx G5  
 FWHM 16.0°  
 Efficiency 84 %  
 Peak intensity 7.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP35 HD  
 FWHM 21.0°  
 Efficiency 80 %  
 Peak intensity 4.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15196\_FLORENTINA-2X2-SHD-OPEN



LED XHP35 HD  
 FWHM 21.0°  
 Efficiency 80 %  
 Peak intensity 4.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD

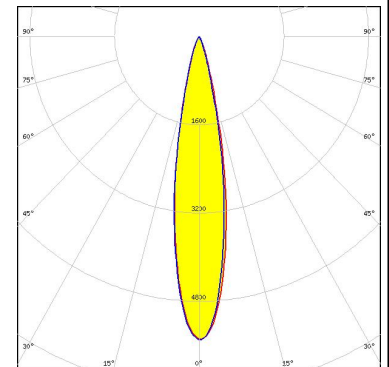
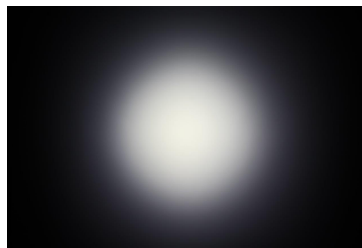
#### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-L HD  
FWHM 19.0°  
Efficiency 77 %  
Peak intensity 5.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14960\_FLORENTINA-2X2-SHD-WHT

#### CREE

LED XP-L HD  
FWHM 19.0°  
Efficiency 77 %  
Peak intensity 5.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14734\_FLORENTINA-2X2-SHD

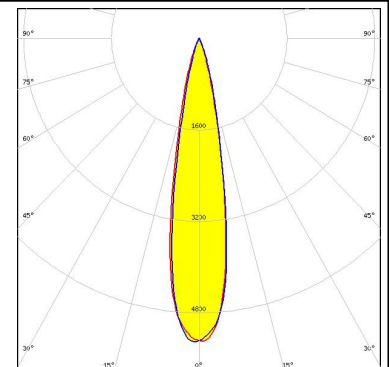


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Required components:  
C15196\_FLORENTINA-2X2-SHD-OPEN

#### LUMILEDS

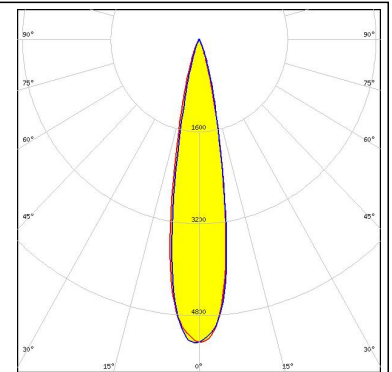
LED LUXEON MZ  
FWHM 20.0°  
Efficiency 80 %  
Peak intensity 5.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14960\_FLORENTINA-2X2-SHD-WHT



#### PHOTOMETRIC DATA (MEASURED):

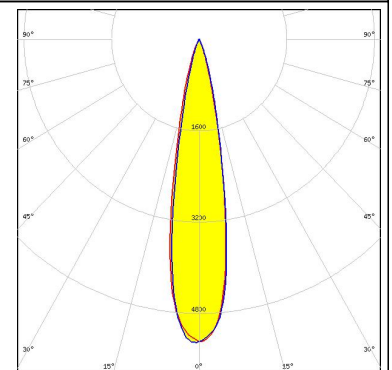
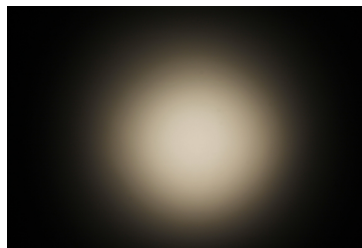
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 C15196\_FLORENTINA-2X2-SHD-OPEN



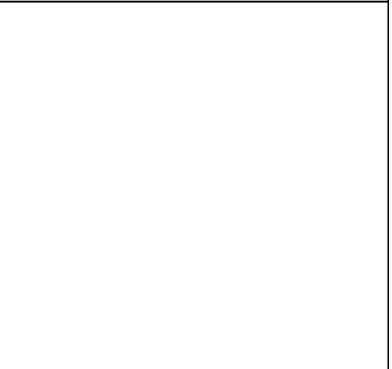
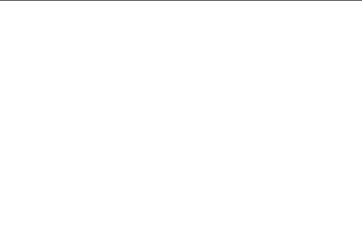
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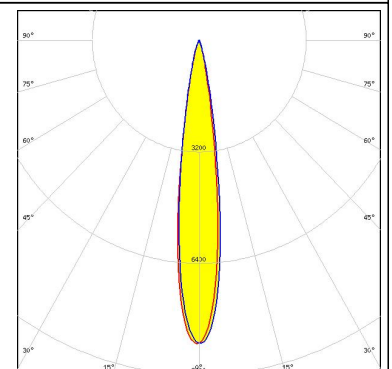
##### LUMILEDS

LED LUXEON TX  
 FWHM 15.0°  
 Efficiency 82 %  
 Peak intensity 8.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15196\_FLORENTINA-2X2-SHD-OPEN



##### LUMILEDS

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 Efficiency 82 %  
 Peak intensity 8.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
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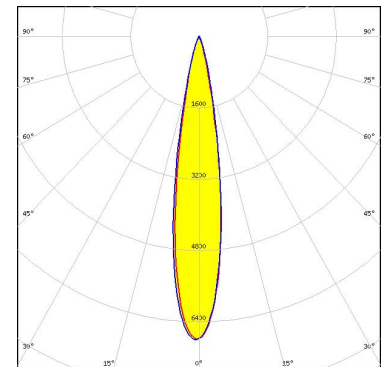
#### PHOTOMETRIC DATA (MEASURED):



**LED** NVSxx19B/NVSxx19C  
**FWHM** 18.0°  
**Efficiency** 81 %  
**Peak intensity** 6.800 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15196\_FLORENTINA-2X2-SHD-OPEN

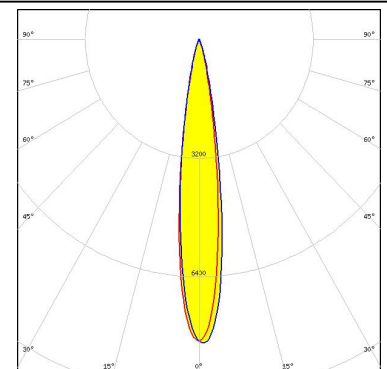


**LED** NVSxx19B/NVSxx19C  
**FWHM** 18.0°  
**Efficiency** 81 %  
**Peak intensity** 6.800 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14734\_FLORENTINA-2X2-SHD



Opto Semiconductors

**LED** Oslon Square EC  
**FWHM** 15.0°  
**Efficiency** 81 %  
**Peak intensity** 8.200 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C14734\_FLORENTINA-2X2-SHD



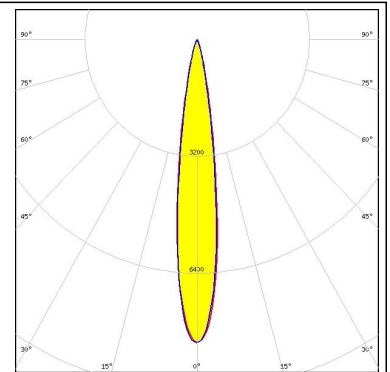
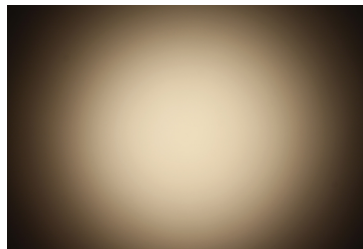
Opto Semiconductors

**LED** Oslon Square EC  
**FWHM** 15.0°  
**Efficiency** 81 %  
**Peak intensity** 8.200 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15196\_FLORENTINA-2X2-SHD-OPEN

#### PHOTOMETRIC DATA (MEASURED):

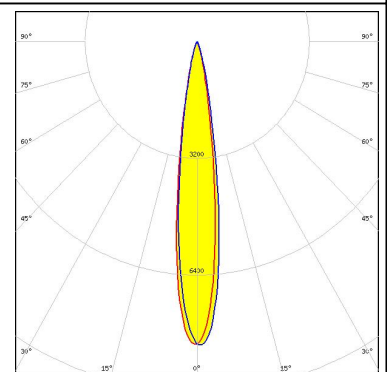
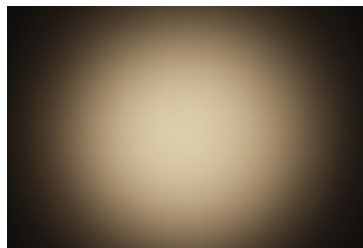
**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
FWHM 15.0°  
Efficiency 77 %  
Peak intensity 8.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C14960\_FLORENTINA-2X2-SHD-WHT



**OSRAM**  
Opto Semiconductors

LED Oslon Square Gen3  
FWHM 15.0°  
Efficiency 76 %  
Peak intensity 8.300 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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