

## FLORENTINA-4X1-MRK-S

~25° spot beam. Compatible with ultra high power LEDs.

### TECHNICAL SPECIFICATIONS:

Dimensions	169.7 x 49.7 mm
Height	29.7 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

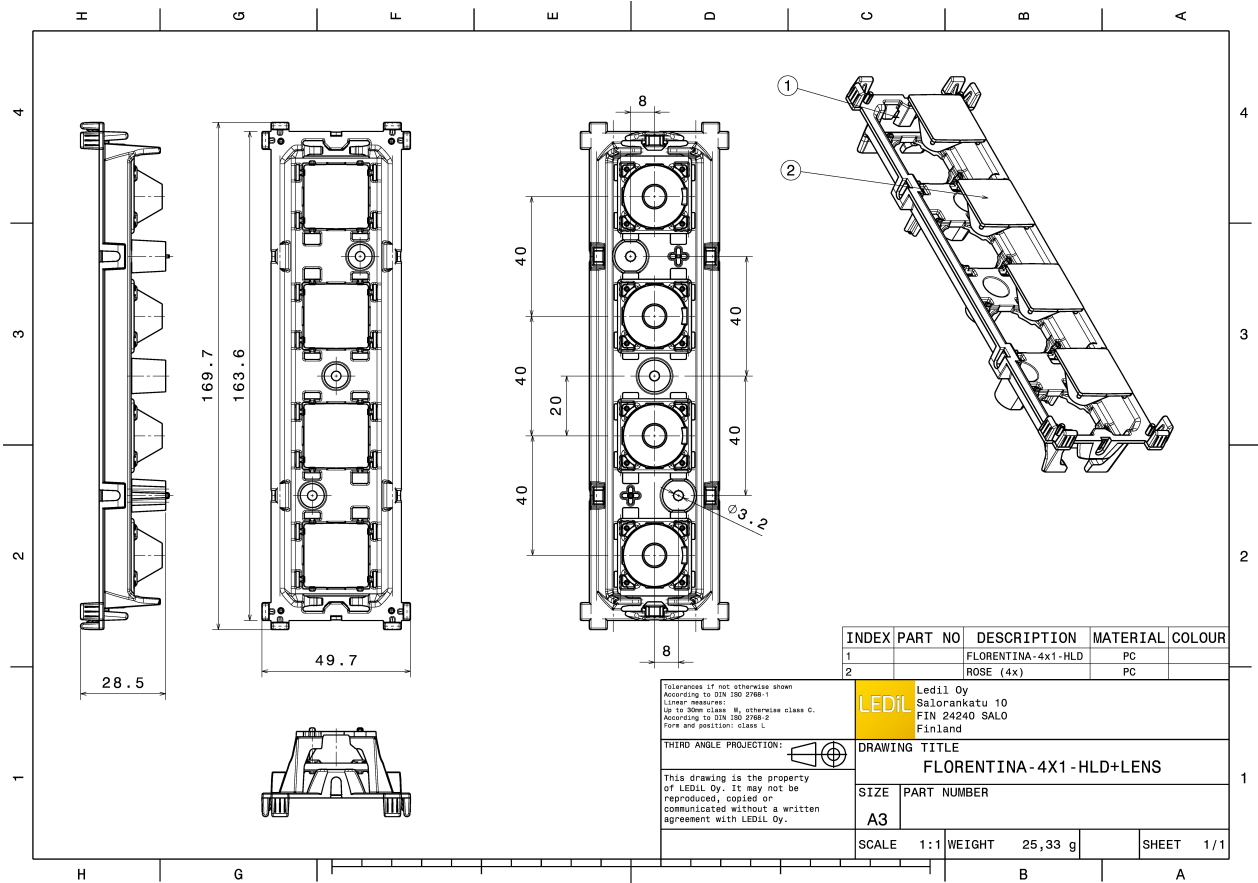
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

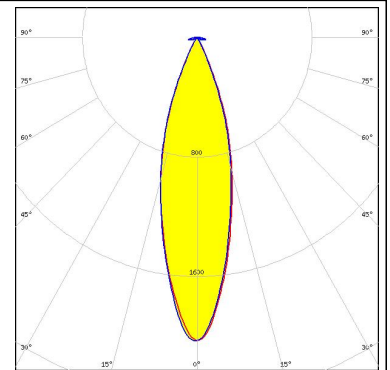
Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP15708_FLORENTINA-4X1-MRK-S	Single lens	72	72	8	3.3
» Box size: 476 x 273 x 292 mm					



#### PHOTOMETRIC DATA (MEASURED):

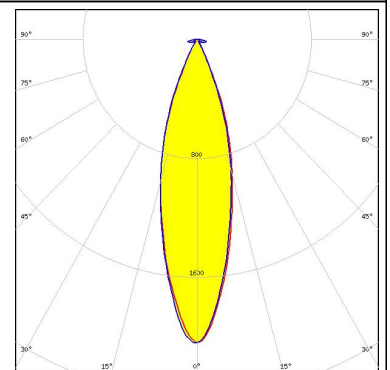
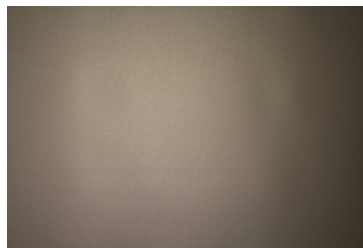
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM 29.0°  
Efficiency 71 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15198\_FLORENTINA-4X1-SHD-OPEN



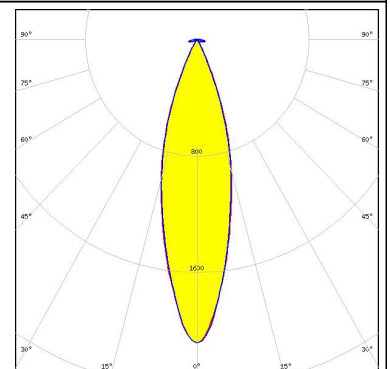
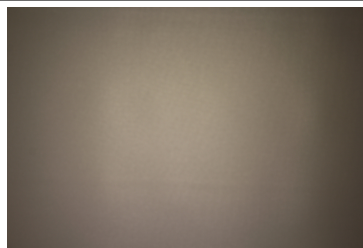
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM 29.0°  
Efficiency 77 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15690\_FLORENTINA-4X1-SHD-WHT



**OSRAM**  
Opto Semiconductors

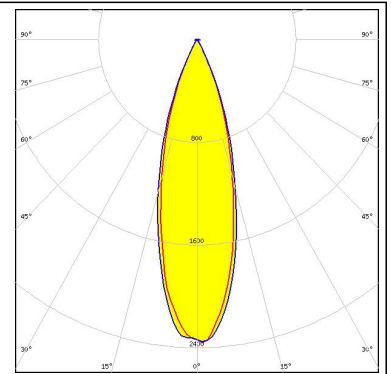
LED OSCONIQ P 7070  
FWHM 28.0°  
Efficiency 0 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15028\_FLORENTINA-4X1-SHD



#### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	Duris S8
FWHM	30.0°
Efficiency	78 %
Peak intensity	2.4 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:

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.

#### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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