

## FLORENTINA-2X2-M

~30° medium beam

### TECHNICAL SPECIFICATIONS:

Dimensions	89.6 x 89.6 mm
Height	22.2 mm
Fastening	pin, screw
ROHS compliant	yes 

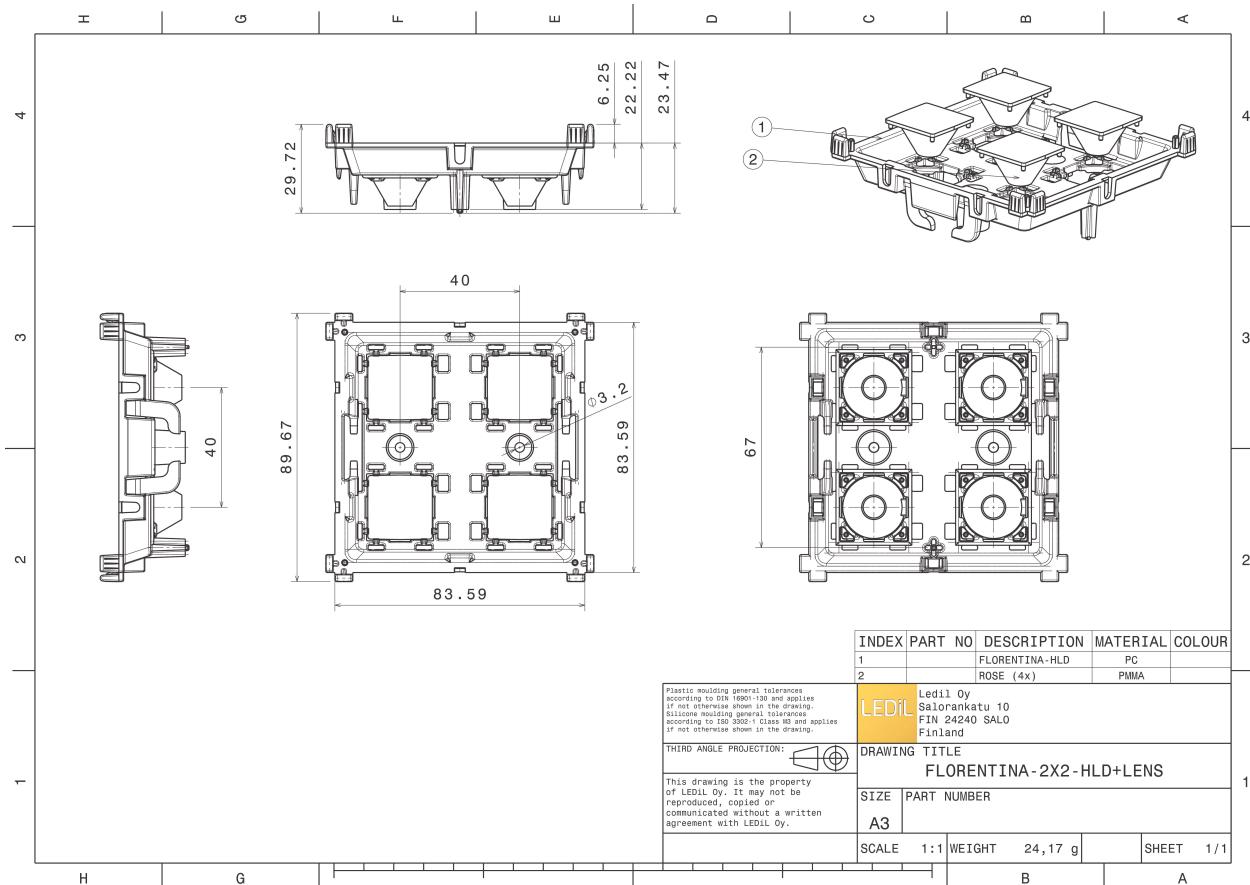


### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FCP14967_FLORENTINA-2X2-M » Box size: 476 x 273 x 292 mm	88	24	8	4.3



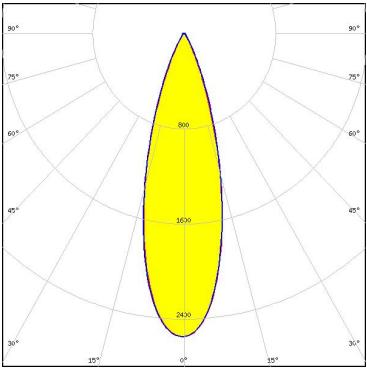
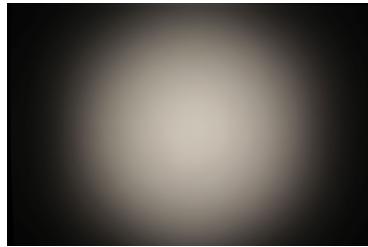
See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):



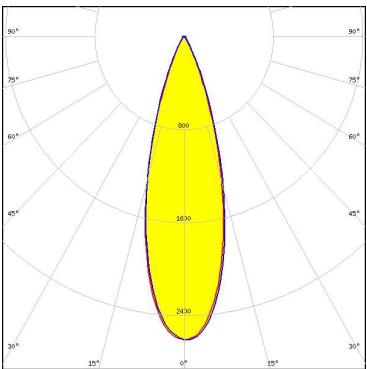
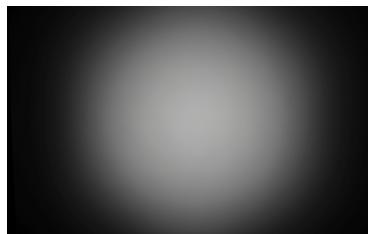
LED	EASY-T FLUX 2x2 FLR XG xxx G7
FWHM / FWTM	30.0° / 52.0°
Efficiency	83 %
Peak intensity	2.5 cd/lm
LEDs/each optic	1
Light colour	White

Required components:



LED	EASY-T FLUX 2x2 FLR XT xxx G5
FWHM / FWTM	30.0° / 52.0°
Efficiency	83 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White

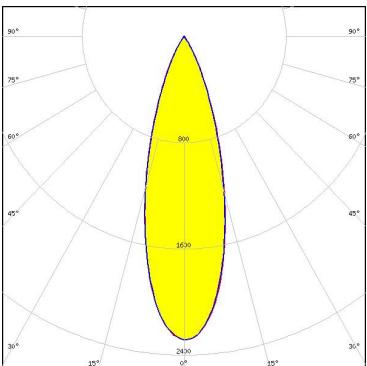
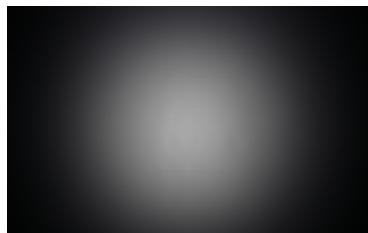
Required components:



LED	XHP35 HD
FWHM / FWTM	31.0° / 57.0°
Efficiency	77 %
Peak intensity	2.3 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

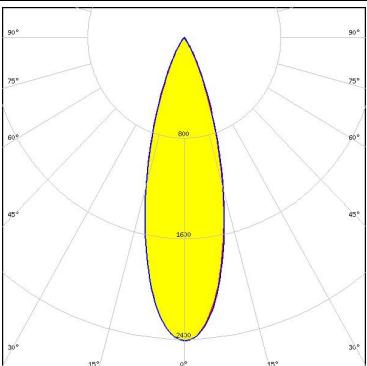
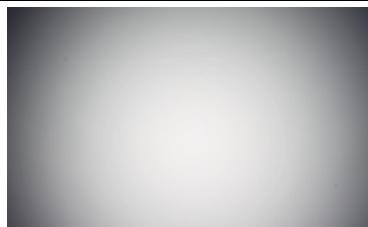
C14734\_FLORENTINA-2X2-SHD



LED	XP-L HD
FWHM / FWTM	30.0° / 55.0°
Efficiency	75 %
Peak intensity	2.4 cd/lm
LEDs/each optic	1
Light colour	White

Required components:

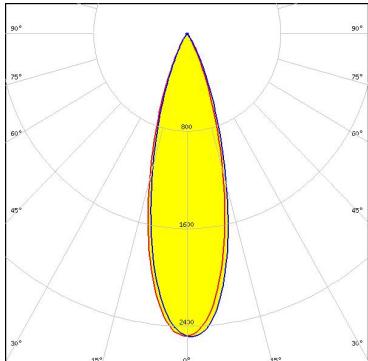
C14734\_FLORENTINA-2X2-SHD



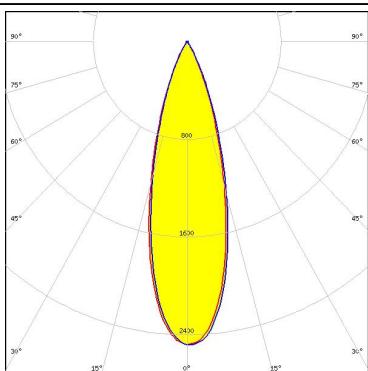
### PHOTOMETRIC DATA (MEASURED):



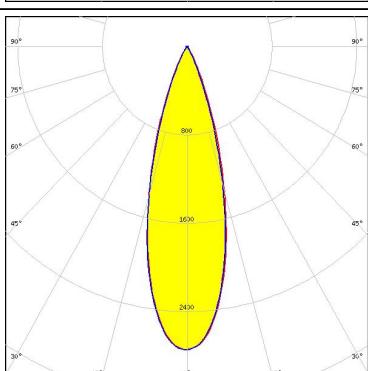
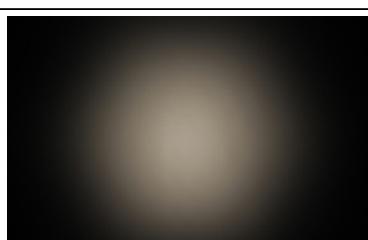
LED XP-L HD  
 FWHM / FWTM 30.0° / 55.0°  
 Efficiency 75 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



LED LUXEON MZ  
 FWHM / FWTM 29.0° / 53.0°  
 Efficiency 77 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14960\_FLORENTINA-2X2-SHD-WHT



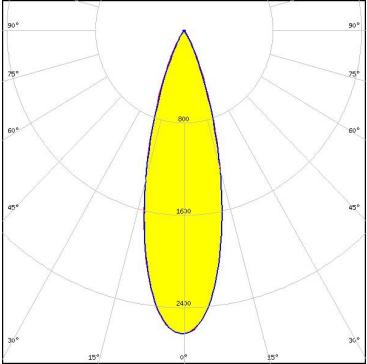
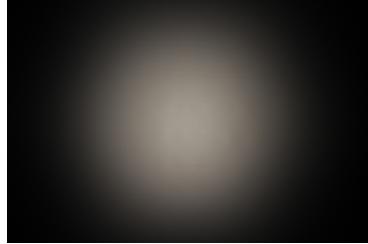
LED LUXEON TX  
 FWHM / FWTM 30.0° / 51.0°  
 Efficiency 80 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C14734\_FLORENTINA-2X2-SHD



### PHOTOMETRIC DATA (MEASURED):



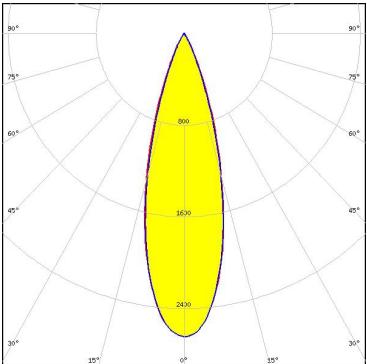
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	30.0° / 53.0°
Efficiency	79 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C14734_FLORENTINA-2X2-SHD



### OSRAM

Opto Semiconductors

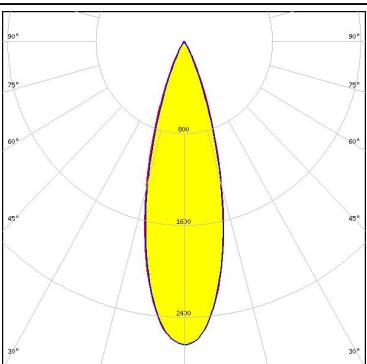
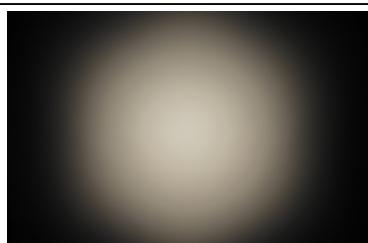
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	30.0° / 51.0°
Efficiency	77 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C14960_FLORENTINA-2X2-SHD-WHT



### OSRAM

Opto Semiconductors

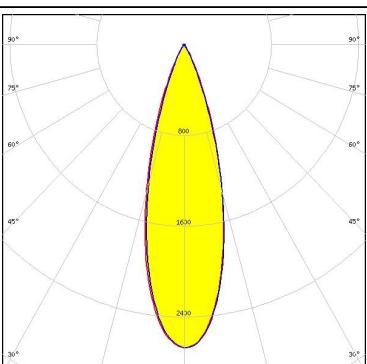
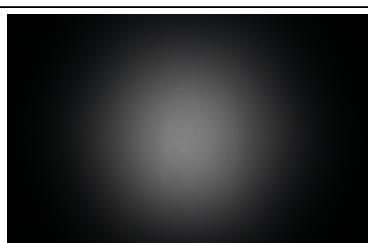
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	30.0° / 51.0°
Efficiency	75 %
Peak intensity	2.6 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C14734_FLORENTINA-2X2-SHD



### OSRAM

Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	30.0° / 52.0°
Efficiency	80 %
Peak intensity	2.7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	
	C14734_FLORENTINA-2X2-SHD



## PHOTOMETRIC DATA (MEASURED):

**SAMSUNG**

LED HiLOM SC16 (LH181B)

FWHM / FWTM 36.0° / 60.0°

Efficiency 58 %

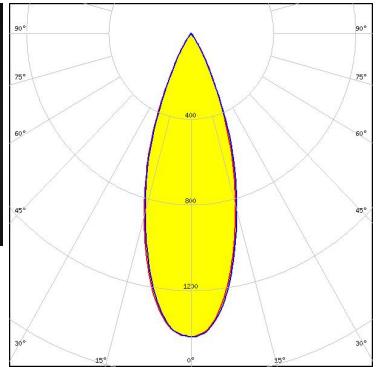
Peak intensity 1.4 cd/lm

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:

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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