

FLORENTINA-2X2-D

~18° diffused spot beam

SPECIFICATION:

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

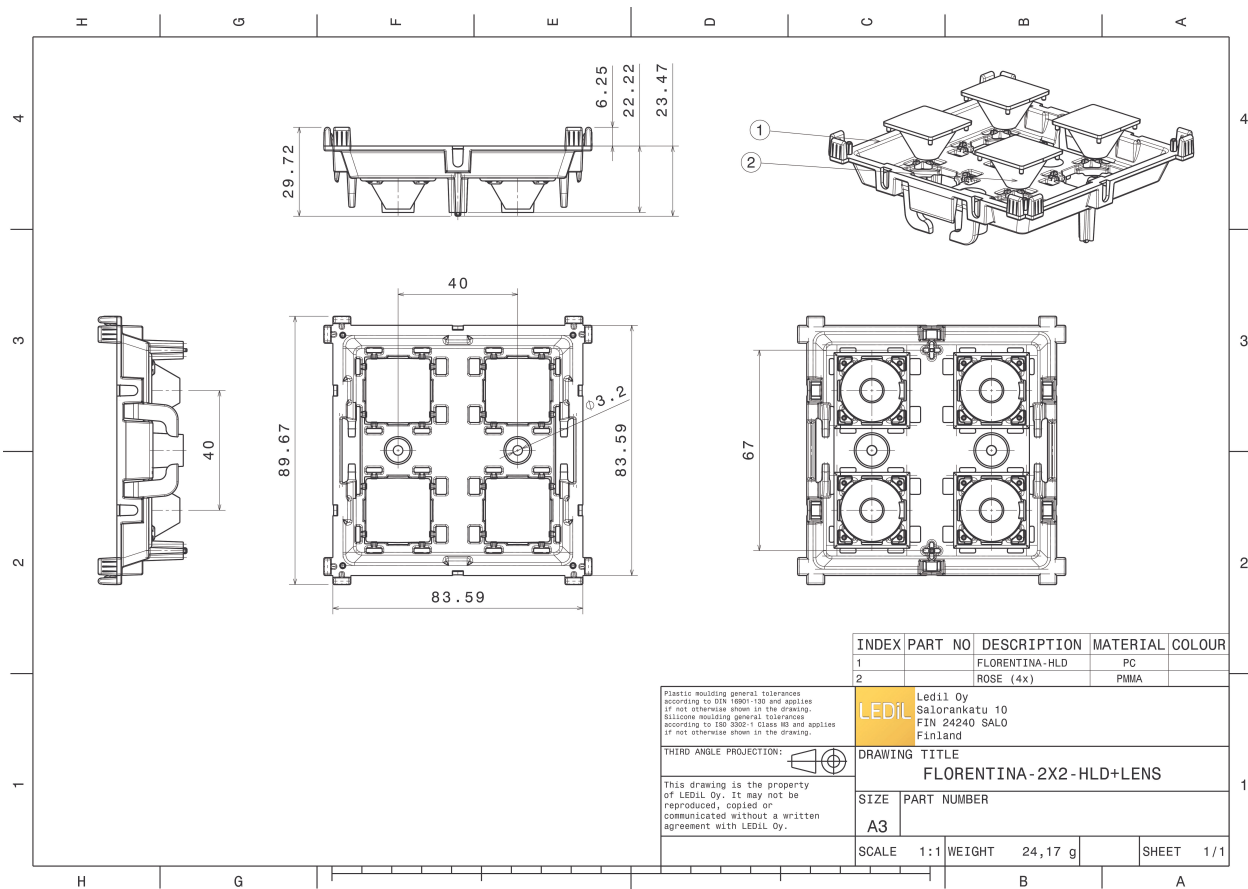
MATERIALS:

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



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14966_FLORENTINA-2X2-D	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					

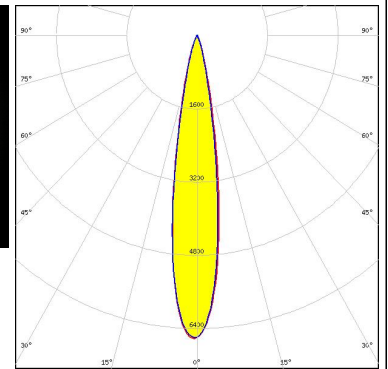


See also our general installation guide: www.ledil.com/installation_guide

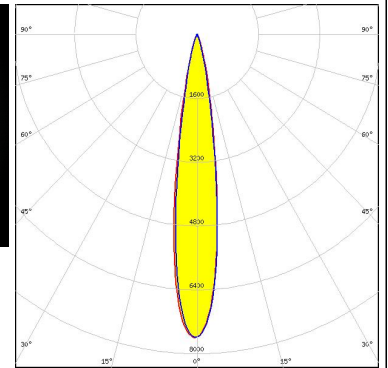
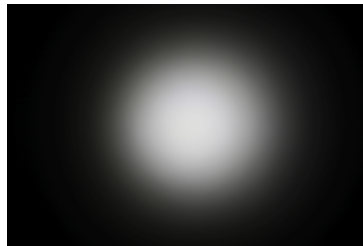
OPTICAL RESULTS (MEASURED):



LED EASY-T FLUX 2x2 FLR XG xxx G7
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 83 %
 Peak intensity 6.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



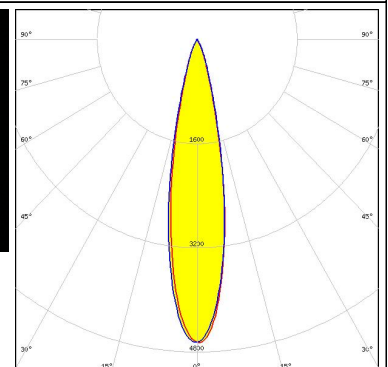
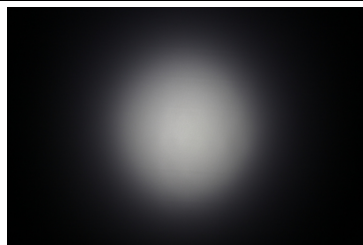
LED EASY-T FLUX 2x2 FLR XT xxx G5
 FWHM / FWTM 16.0° / 31.0°
 Efficiency 84 %
 Peak intensity 7.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP35 HD
 FWHM / FWTM 21.0° / 40.0°
 Efficiency 80 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



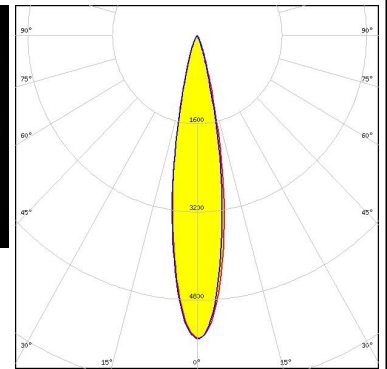
LED XHP35 HD
 FWHM / FWTM 21.0° / 40.0°
 Efficiency 80 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



OPTICAL RESULTS (MEASURED):



LED XP-L HD
 FWHM / FWTM 19.0° / 36.0°
 Efficiency 77 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



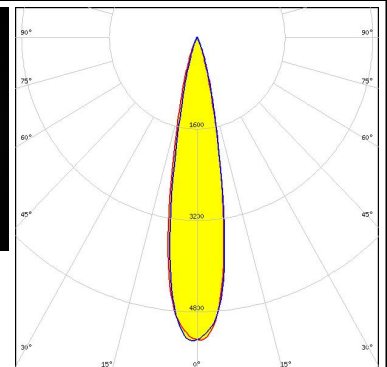
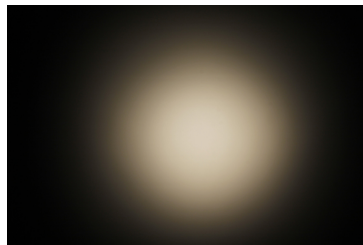
LED XP-L HD
 FWHM / FWTM 19.0° / 36.0°
 Efficiency 77 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LED XP-L HD
 FWHM / FWTM 19.0° / 36.0°
 Efficiency 77 %
 Peak intensity 5.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



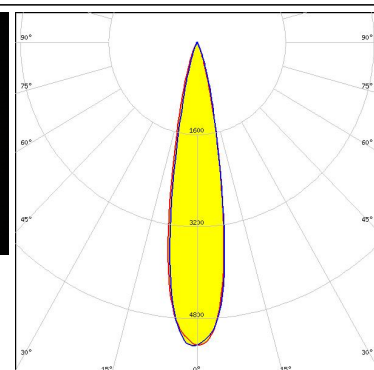
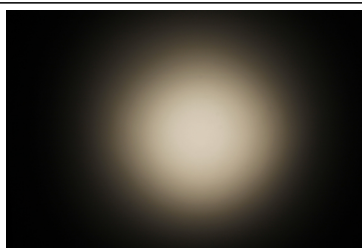
LED LUXEON MZ
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 80 %
 Peak intensity 5.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



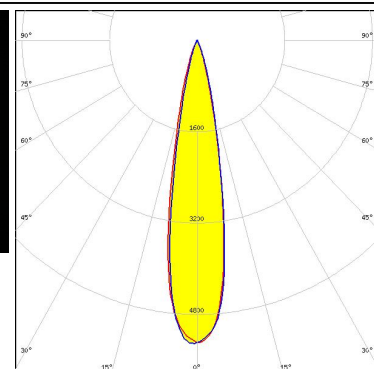
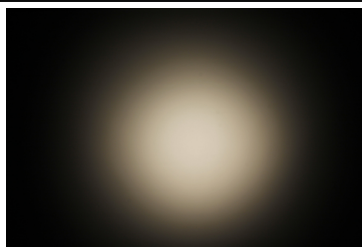
OPTICAL RESULTS (MEASURED):



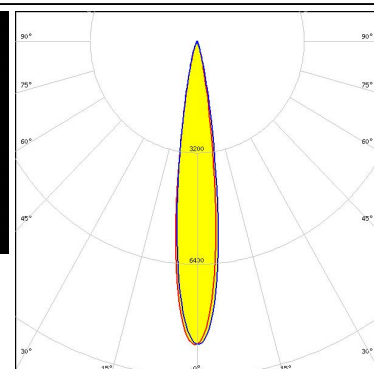
LED LUXEON MZ
FWHM / FWTM 20.0° / 37.0°
Efficiency 78 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



LED LUXEON MZ
FWHM / FWTM 20.0° / 37.0°
Efficiency 78 %
Peak intensity 5.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



LED LUXEON TX
FWHM / FWTM 15.0° / 29.0°
Efficiency 82 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



LED LUXEON TX
FWHM / FWTM 15.0° / 29.0°
Efficiency 82 %
Peak intensity 8.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN

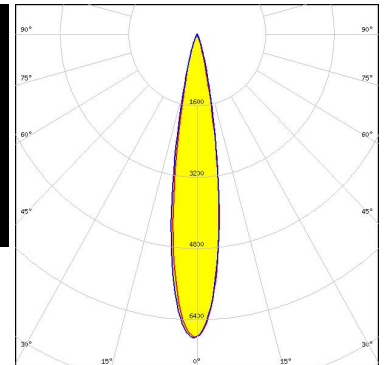
OPTICAL RESULTS (MEASURED):



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 81 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN

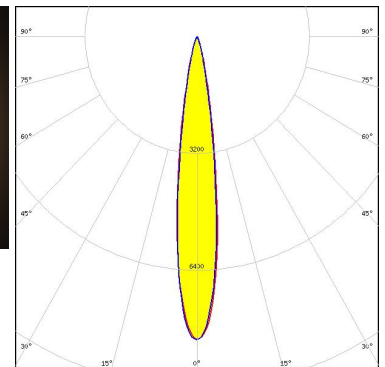
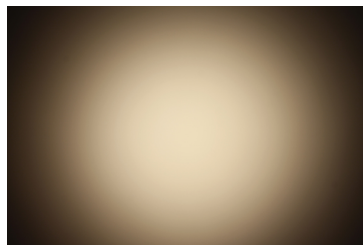


LED NVSxx19B/NVSxx19C
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 81 %
 Peak intensity 6.8 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



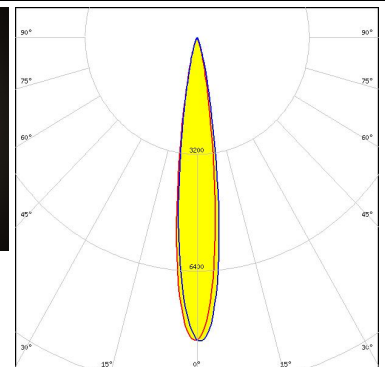
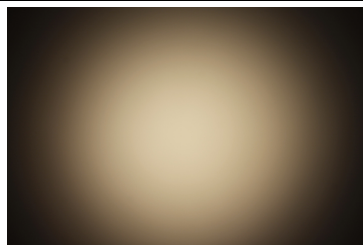
Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 77 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



Opto Semiconductors

LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 76 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED OSLOM Square EC

FWHM / FWTM 15.0° / 30.0°

Efficiency 81 %

Peak intensity 8.2 cd/lm

LEDs/each optic 1

Light colour White

Required components:

C15196_FLORENTINA-2X2-SHD-OPEN

OSRAM

Opto Semiconductors

LED OSLOM Square EC

FWHM / FWTM 15.0° / 30.0°

Efficiency 81 %

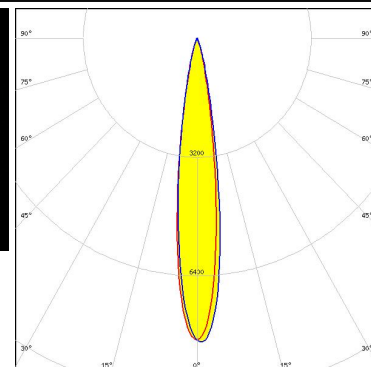
Peak intensity 8.2 cd/lm

LEDs/each optic 1

Light colour White

Required components:

C14734_FLORENTINA-2X2-SHD



SAMSUNG

LED HiLOM SC16 (LH181B)

FWHM / FWTM 32.0° / 54.0°

Efficiency 65 %

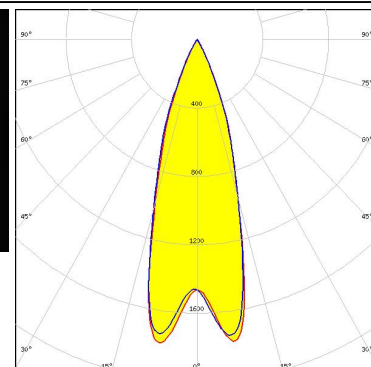
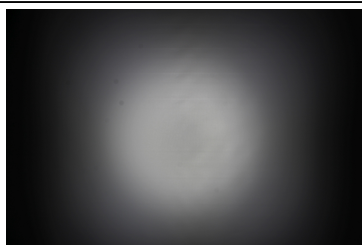
Peak intensity 1.8 cd/lm

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
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