

FLORENTINA-2X2-W

~40° wide beam

TECHNICAL SPECIFICATIONS:

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

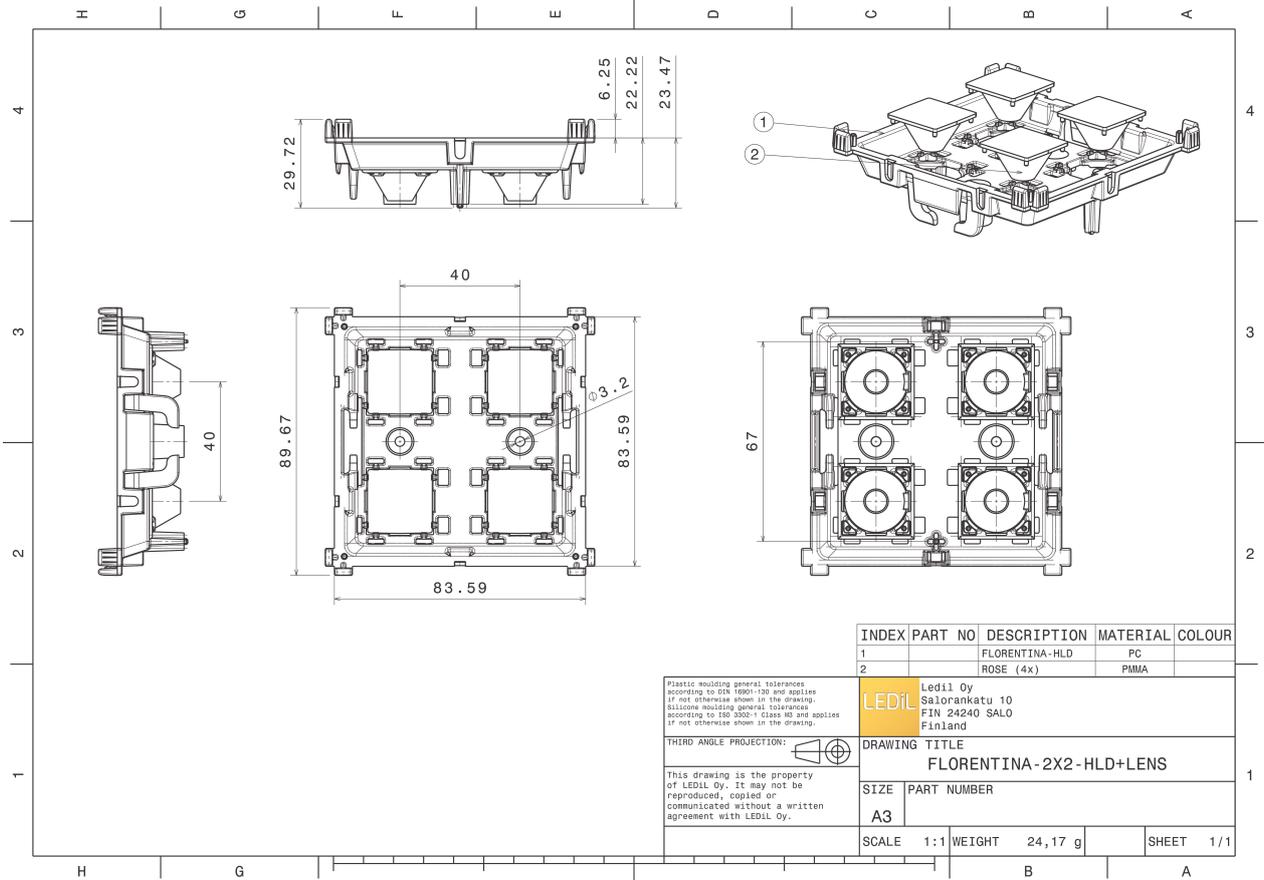
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ROSE-C-C-W-V4	Single lens	PC	clear	
FLORENTINA-2X2-HLD	Holder	PC	black	

ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCP14969_FLORENTINA-2X2-W » Box size: 476 x 273 x 292 mm	Single lens	88	24	8	4.0



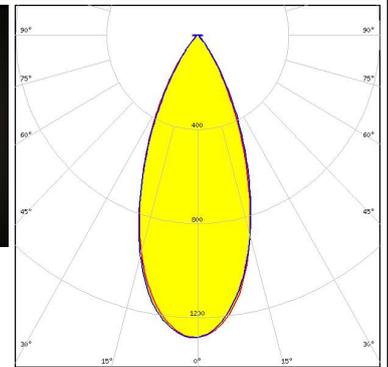


See also our general installation guide: www.ledil.com/installation_guide

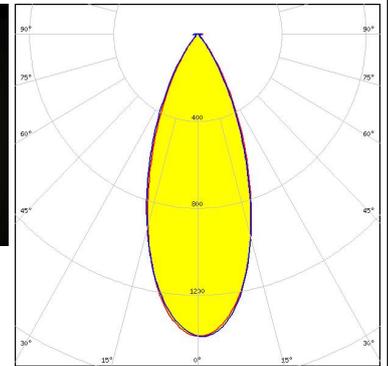
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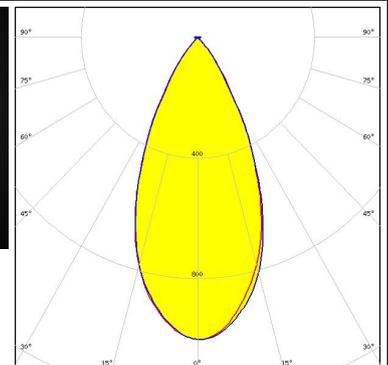
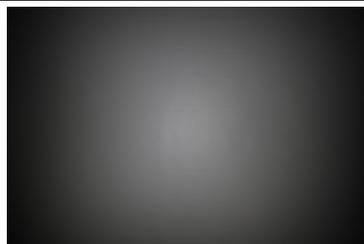
LED EASY-T FLUX 2x2 FLR XG xxx G7
 FWHM / FWTM 42.0° / 72.0°
 Efficiency 77 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED EASY-T FLUX 2x2 FLR XT xxx G5
 FWHM / FWTM 40.0° / 70.0°
 Efficiency 77 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



LED XHP35 HD
 FWHM / FWTM 49.0° / 77.0°
 Efficiency 70 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LED XHP35 HD
 FWHM / FWTM 49.0° / 77.0°
 Efficiency 70 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD

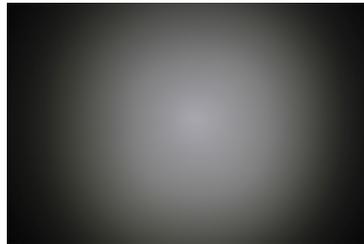
PHOTOMETRIC DATA (MEASURED):

CREE LED

LED XP-G2
FWHM / FWTM 46.0° / 74.0°
Efficiency 77 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C15196_FLORENTINA-2X2-SHD-OPEN

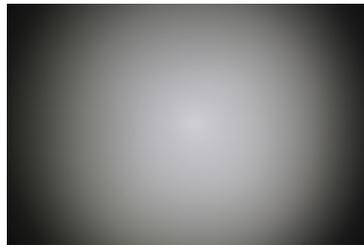


CREE LED

LED XP-G2
FWHM / FWTM 44.0° / 72.0°
Efficiency 78 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

C14960_FLORENTINA-2X2-SHD-WHT

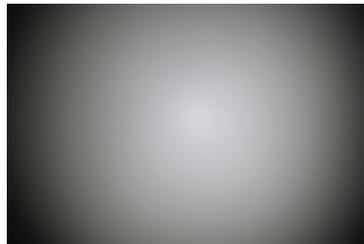


CREE LED

LED XP-G2
FWHM / FWTM 44.0° / 72.0°
Efficiency 76 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:

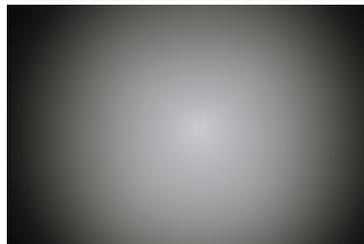
C14734_FLORENTINA-2X2-SHD



CREE LED

LED XP-G2
FWHM / FWTM 44.0° / 73.0°
Efficiency 79 %
Peak intensity 1.3 cd/lm
LEDs/each optic 1
Light colour White

Required components:



PHOTOMETRIC DATA (MEASURED):

CREE LED

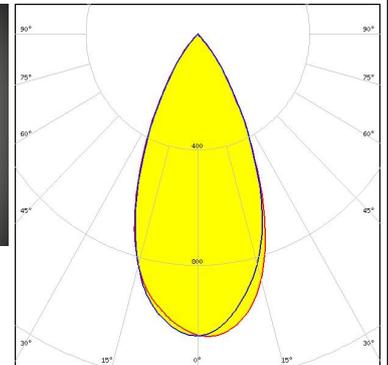
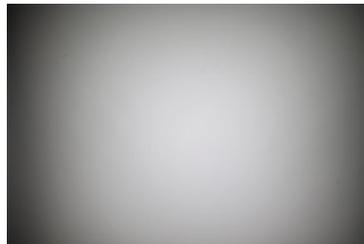
LED XP-L HD
 FWHM / FWTM 49.0° / 77.0°
 Efficiency 70 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT

CREE LED

LED XP-L HD
 FWHM / FWTM 49.0° / 77.0°
 Efficiency 70 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN

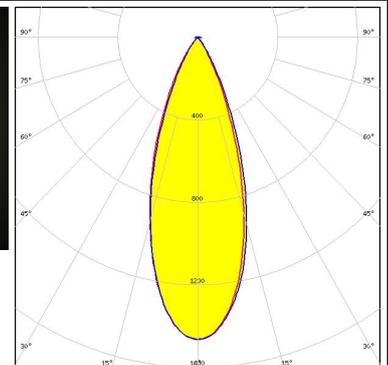
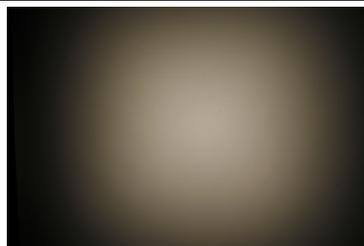
CREE LED

LED XP-L HD
 FWHM / FWTM 49.0° / 77.0°
 Efficiency 70 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



LUMILEDS

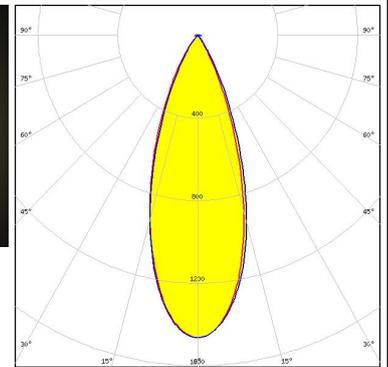
LED LUXEON MZ
 FWHM / FWTM 36.0° / 63.0°
 Efficiency 66 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



PHOTOMETRIC DATA (MEASURED):

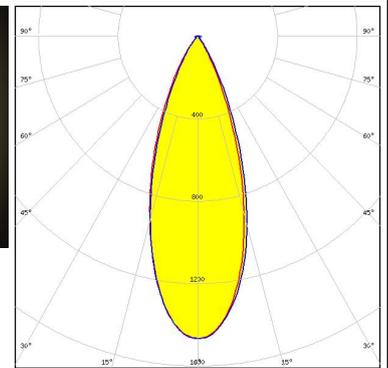
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 36.0° / 63.0°
 Efficiency 66 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 37.0° / 63.0°
 Efficiency 69 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



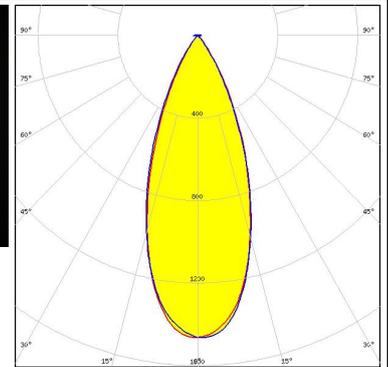
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 41.0° / 67.0°
 Efficiency 76 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LUMILEDS

LED LUXEON TX
 FWHM / FWTM 41.0° / 67.0°
 Efficiency 76 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



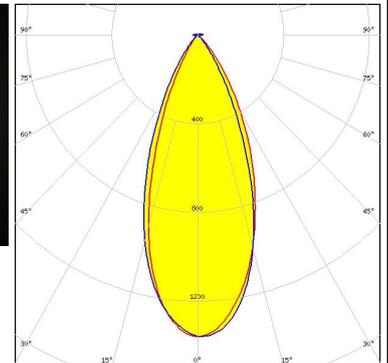
PHOTOMETRIC DATA (MEASURED):



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 42.0° / 71.0°
 Efficiency 80 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN

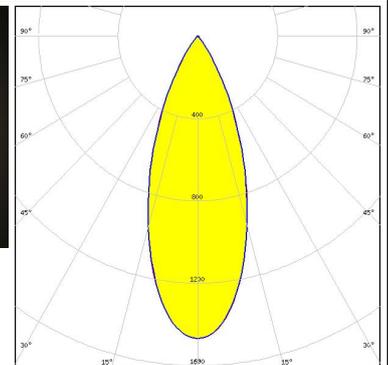


LED NVSxx19B/NVSxx19C
 FWHM / FWTM 42.0° / 71.0°
 Efficiency 80 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



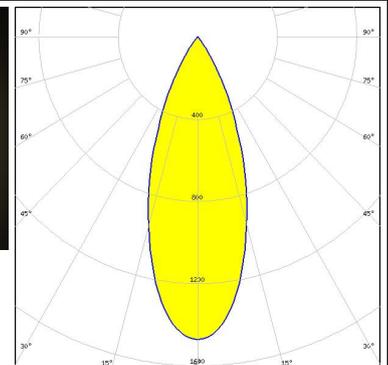
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LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 35.0° / 66.0°
 Efficiency 72 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



Ospto Semiconductors

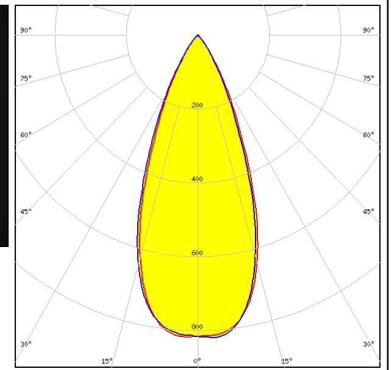
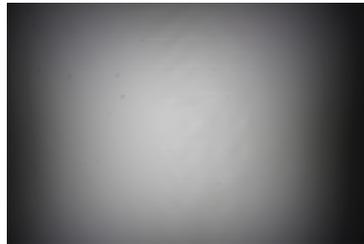
LED OSLOM Square CSSRM2/CSSRM3
 FWHM / FWTM 35.0° / 65.0°
 Efficiency 69 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



PHOTOMETRIC DATA (MEASURED):

SAMSUNG

LED HiLOM SC16 (LH181B)
FWHM / FWTM 42.0° / 68.0°
Efficiency 49 %
Peak intensity 0.8 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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