

FLORENTINA-2X2-D

~18° diffused spot beam

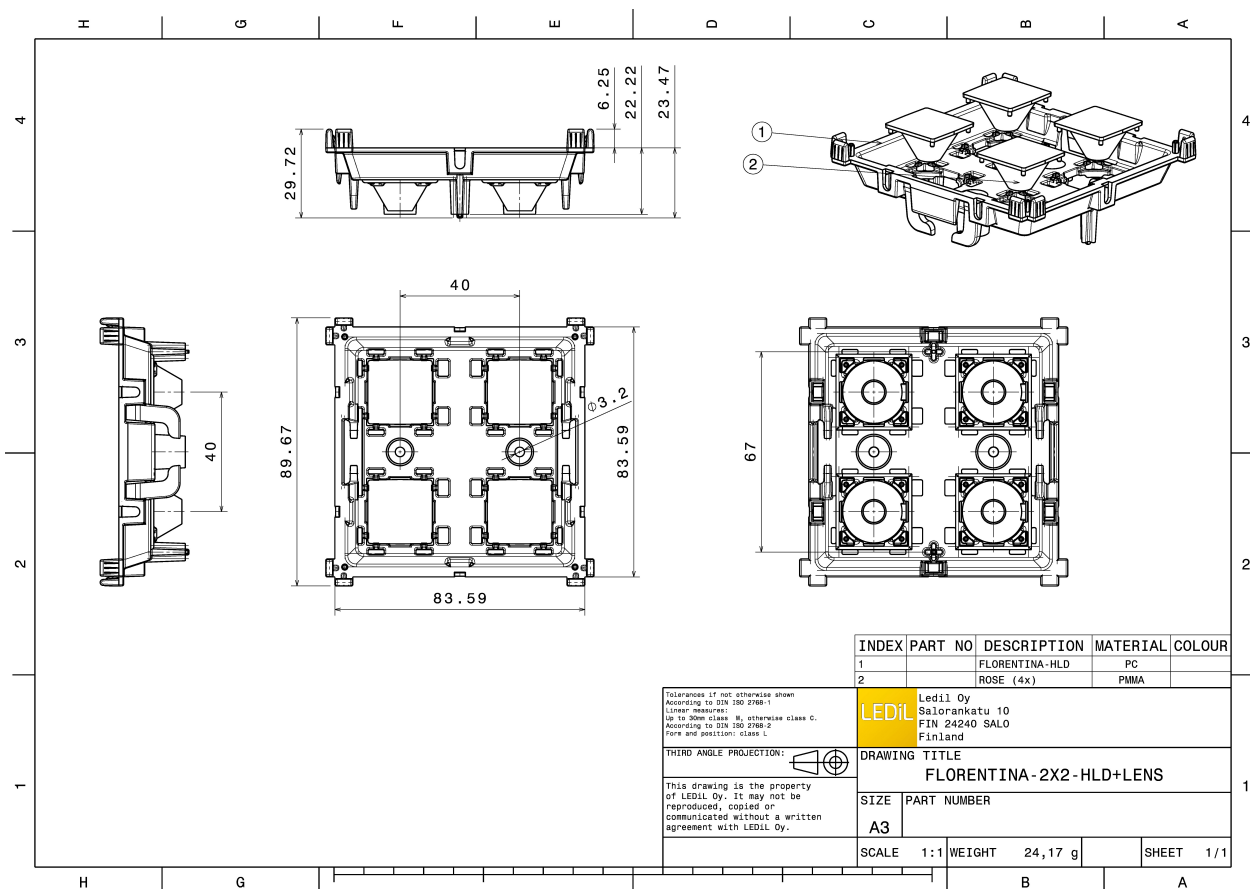
TECHNICAL SPECIFICATIONS:

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:

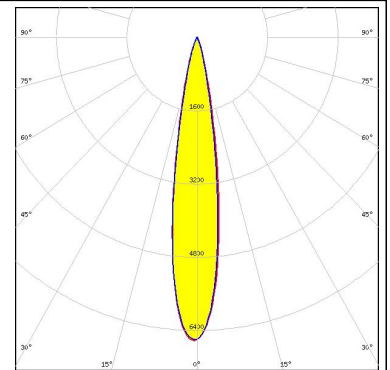
Component	Type	Material	Colour
ROSE-CMC-D	Single lens	PC	clear
FLORENTINA-2X2-HLD	Holder	PC	



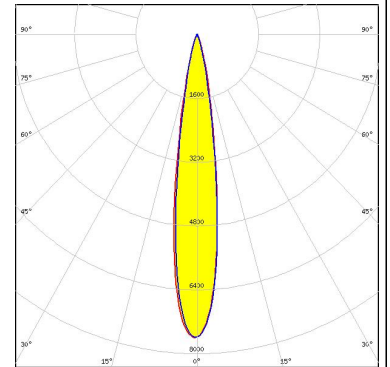
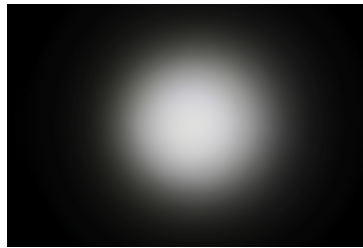
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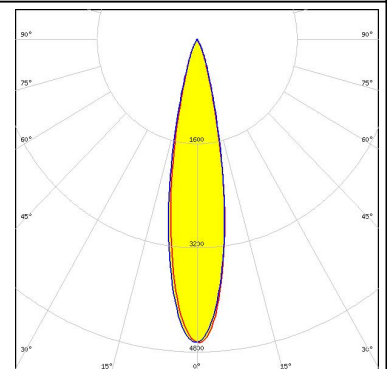
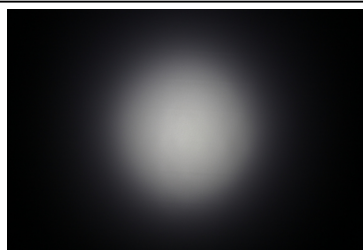
LED EASY-T FLUX 2x2 FLR XG xxx G7
 FWHM 18.0°
 Efficiency 83 %
 Peak intensity 6.600 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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:
 C14734_FLORENTINA-2X2-SHD



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



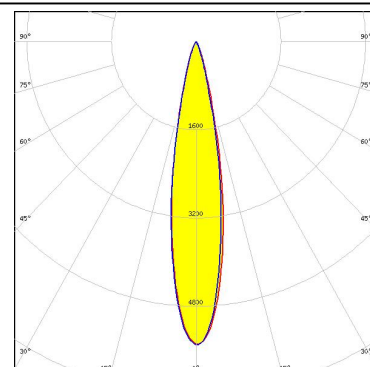
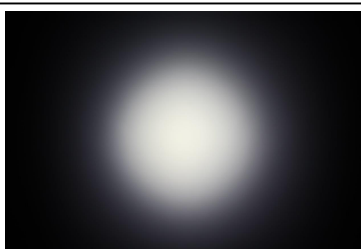
PHOTOMETRIC DATA (MEASURED):



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



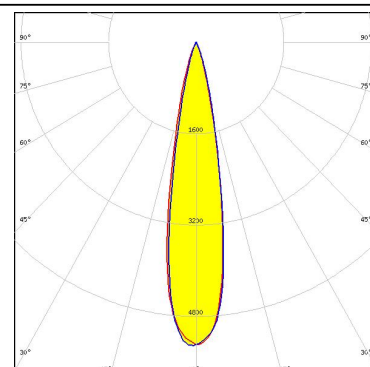
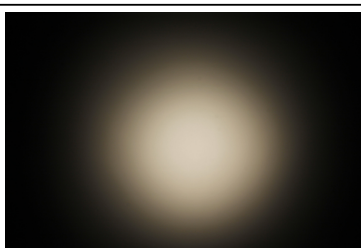
LED XP-L HD
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



LED XP-L HD
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



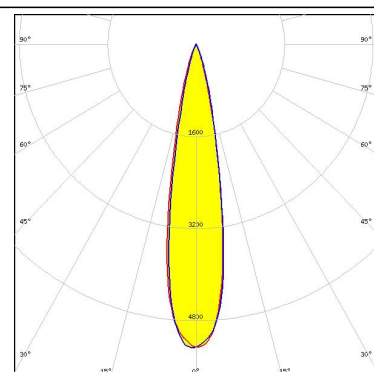
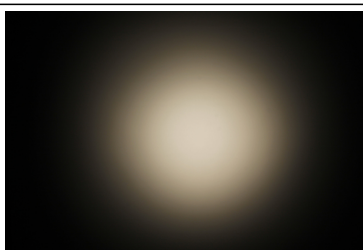
LED LUXEON MZ
FWHM 20.0°
Efficiency 78 %
Peak intensity 5.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



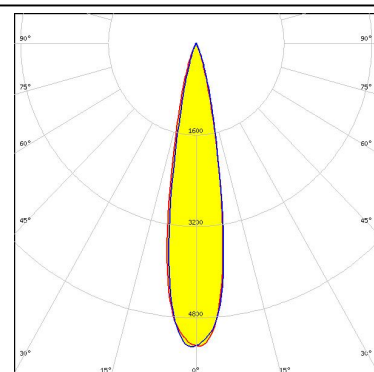
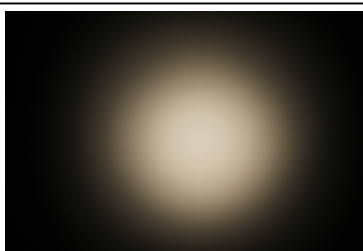
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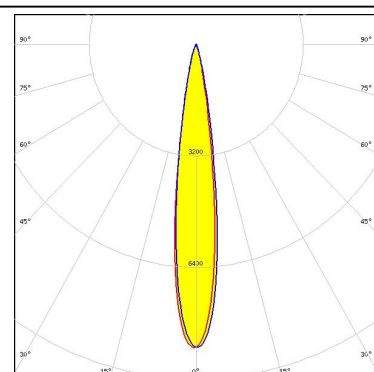
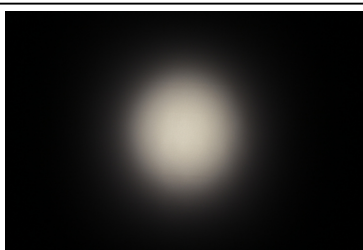
LED LUXEON MZ
FWHM 20.0°
Efficiency 78 %
Peak intensity 5.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C15196_FLORENTINA-2X2-SHD-OPEN



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



LED LUXEON TX
FWHM 15.0°
Efficiency 82 %
Peak intensity 8.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



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



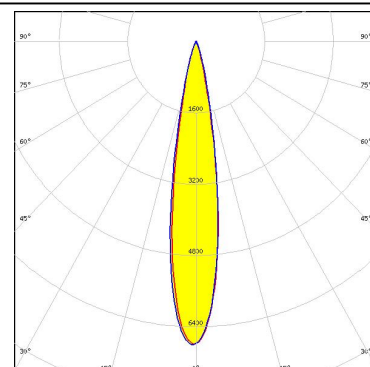
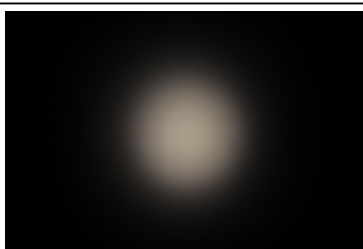
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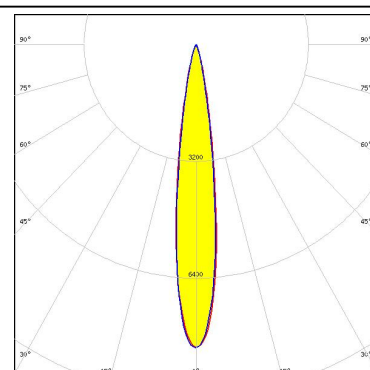
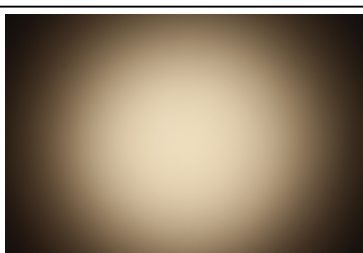
LED NVSxx19B/NVSxx19C
 FWHM 18.0°
 Efficiency 81 %
 Peak intensity 6.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



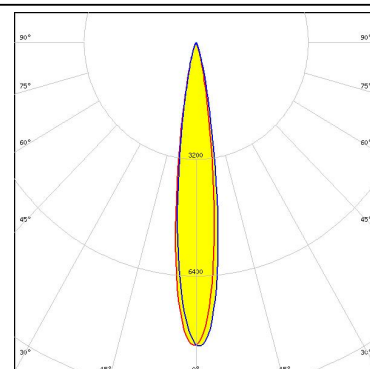
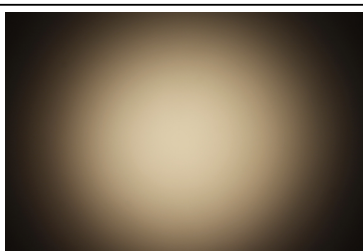
LED NVSxx19B/NVSxx19C
 FWHM 18.0°
 Efficiency 81 %
 Peak intensity 6.800 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



LED OSLOM Square CSSRM2/CSSRM3
 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



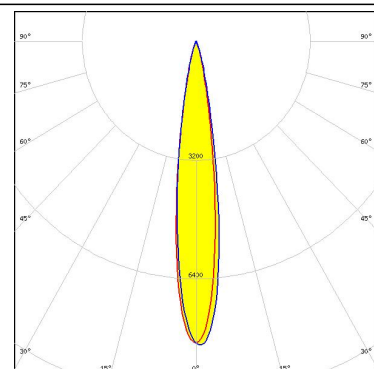
LED OSLOM Square CSSRM2/CSSRM3
 FWHM 15.0°
 Efficiency 76 %
 Peak intensity 8.300 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



PHOTOMETRIC DATA (MEASURED):

OSRAM
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

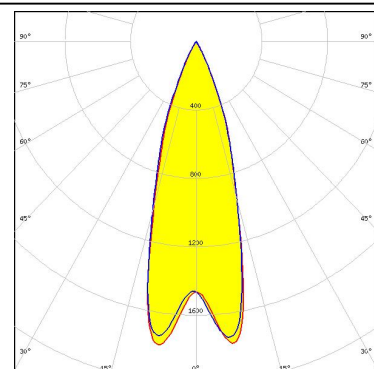
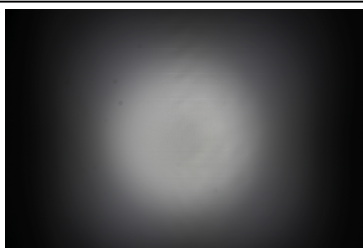


OSRAM
Opto Semiconductors

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

SAMSUNG

LED HiLOM SC16 (LH181B)
FWHM 32.0°
Efficiency 65 %
Peak intensity 1.789 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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