

FLORENTINA-2X2-D

~18° diffused spot beam

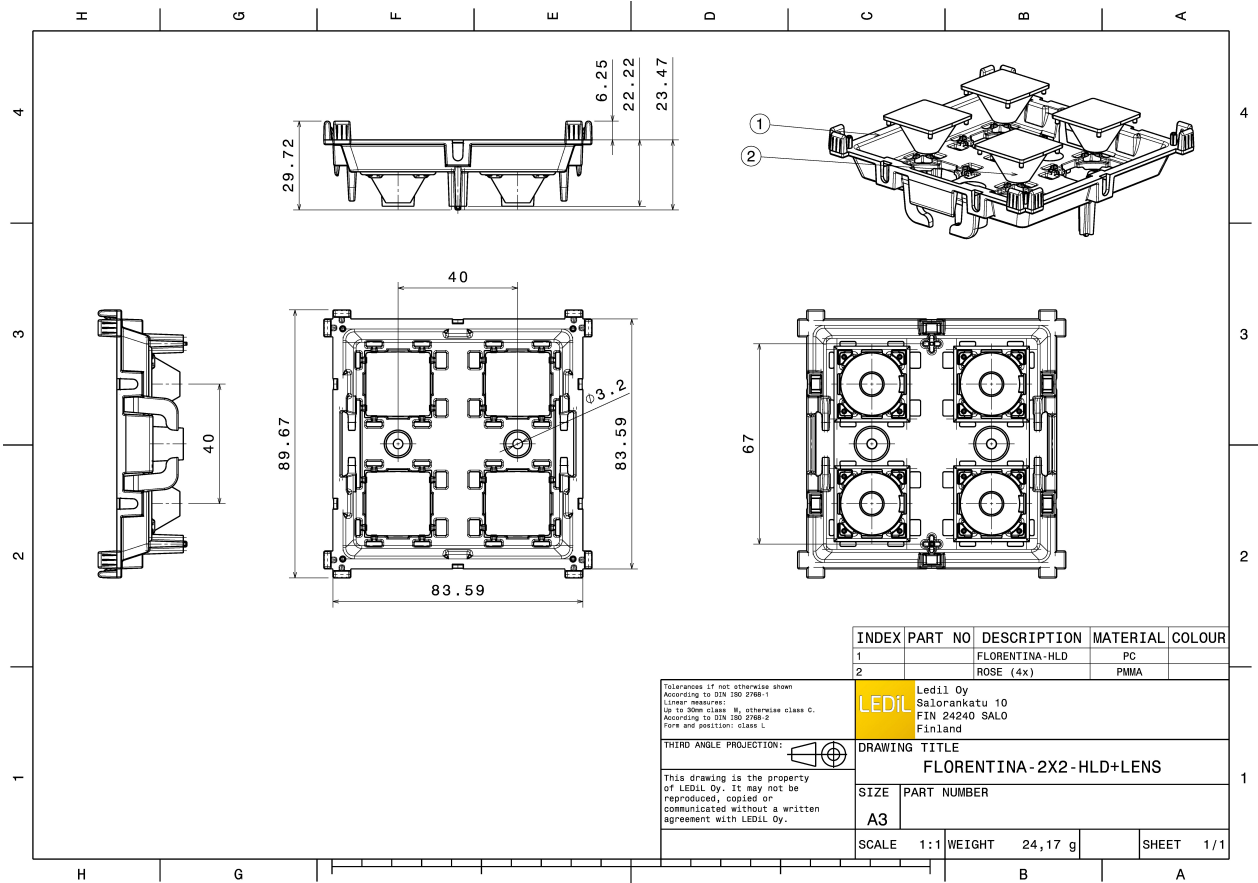
TECHNICAL SPECIFICATIONS:

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 ⓘ


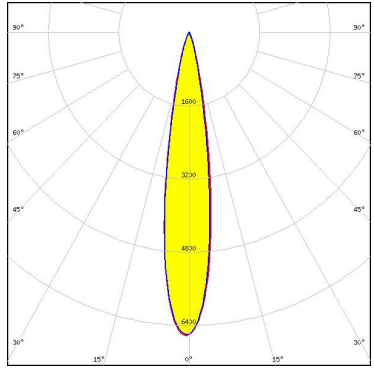

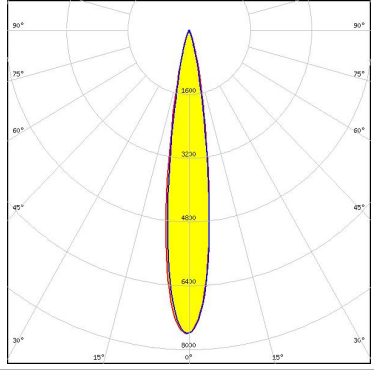

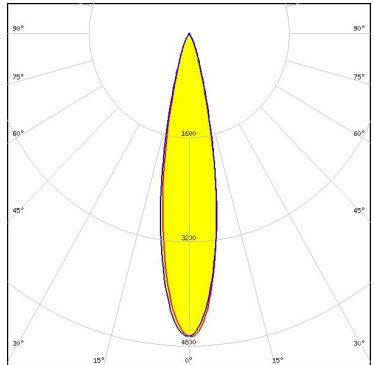


MATERIAL SPECIFICATIONS:

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



PHOTOMETRIC DATA (MEASURED):

<p>COMET ELECTRONICS</p> <p>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:</p>		
<p>COMET ELECTRONICS</p> <p>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:</p>		
<p>CREE</p> <p>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</p>		
<p>CREE</p> <p>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</p>		

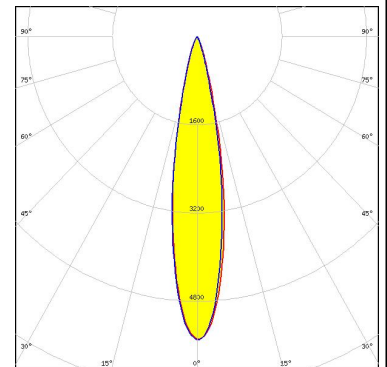
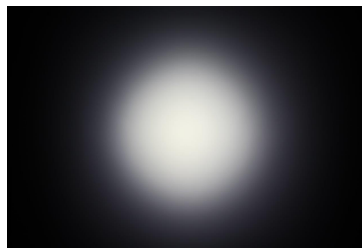
PHOTOMETRIC DATA (MEASURED):



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



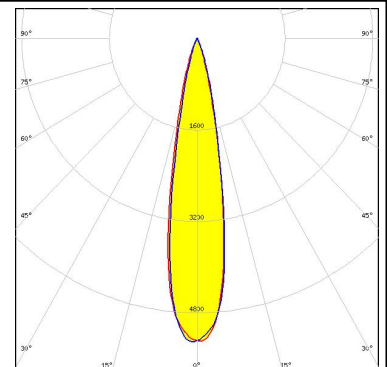
LED XP-L HD
FWHM 19.0°
Efficiency 77 %
Peak intensity 5.500 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



LED XP-L HD
FWHM 19.0°
Efficiency 77 %
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LEDs/each optic 1
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Required components:
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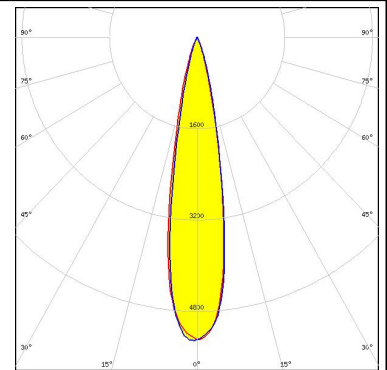
LED LUXEON MZ
FWHM 20.0°
Efficiency 80 %
Peak intensity 5.300 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT



PHOTOMETRIC DATA (MEASURED):

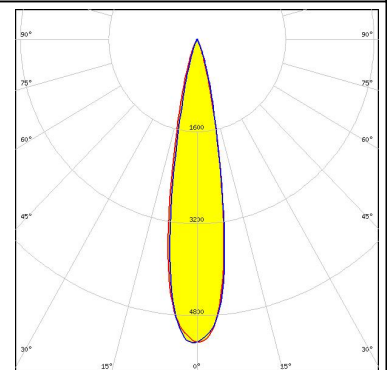
LUMILEDS

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



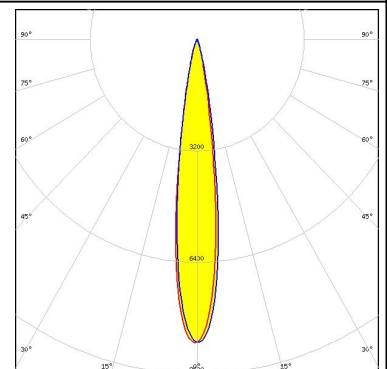
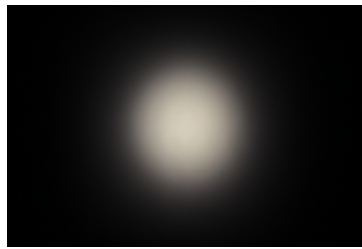
LUMILEDS

LED LUXEON MZ
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 Peak intensity 5.300 cd/lm
 LEDs/each optic 1
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 Required components:
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LUMILEDS

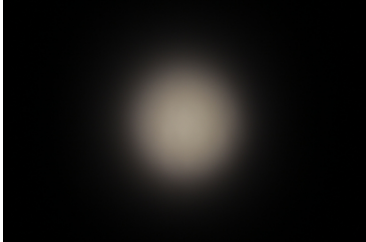
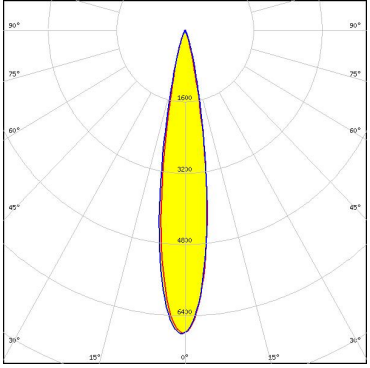

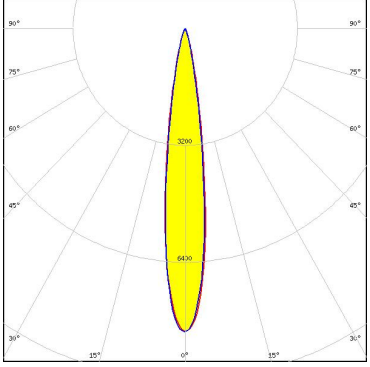
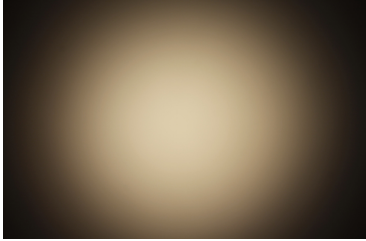
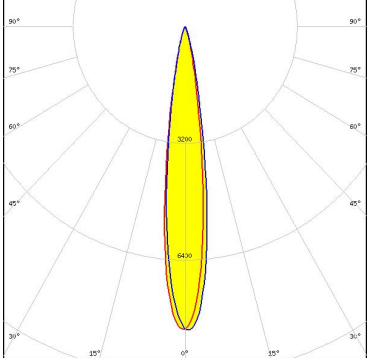
LED LUXEON TX
 FWHM 15.0°
 Efficiency 82 %
 Peak intensity 8.700 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



LUMILEDS

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

PHOTOMETRIC DATA (MEASURED):

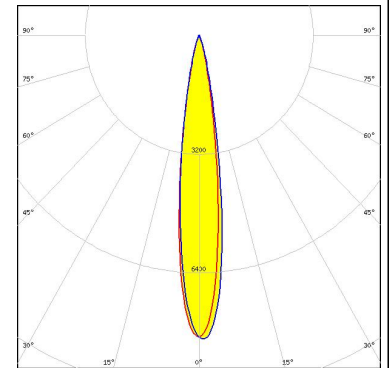
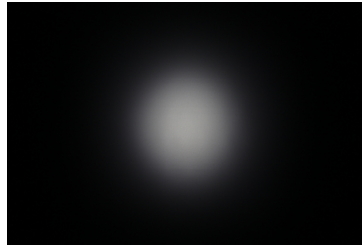
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 18.0° Efficiency 81 % Peak intensity 6.800 cd/lm LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>NICHIA</p> <p>LED NVSxx19B/NVSxx19C FWHM 18.0° Efficiency 81 % Peak intensity 6.800 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>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</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>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</p>		

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLO 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



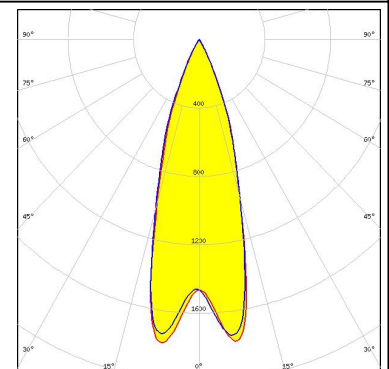
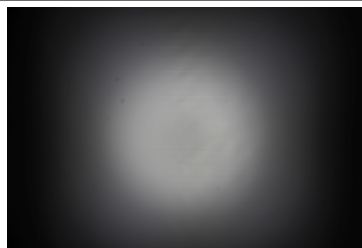
OSRAM

Opto Semiconductors

LED OSLO 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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