

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 ⓘ

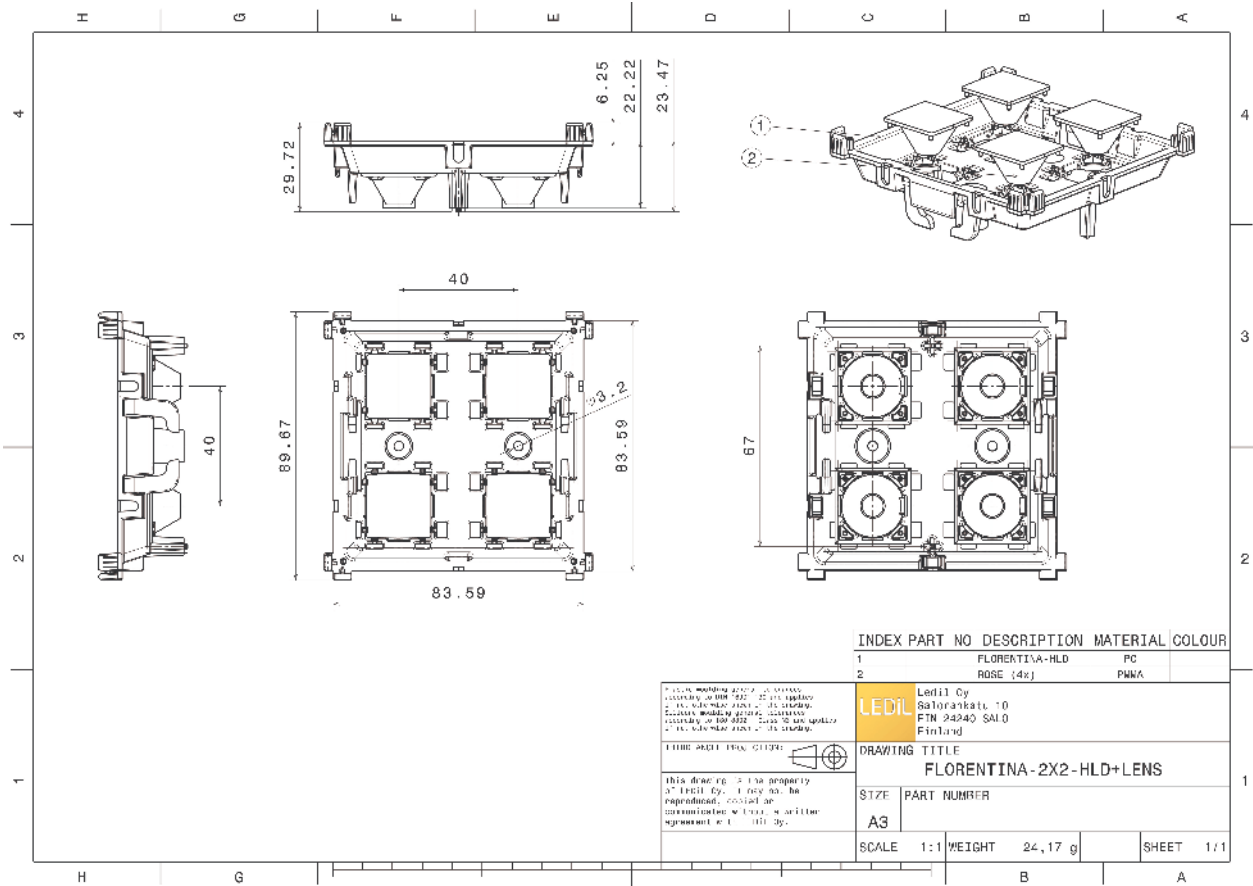
MATERIALS:

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

ORDERING INFORMATION:


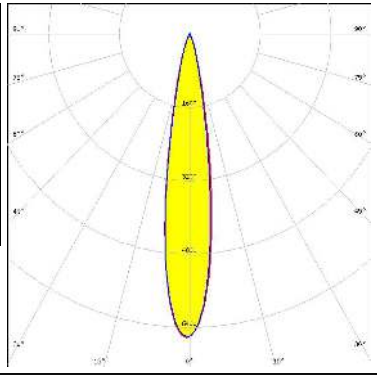

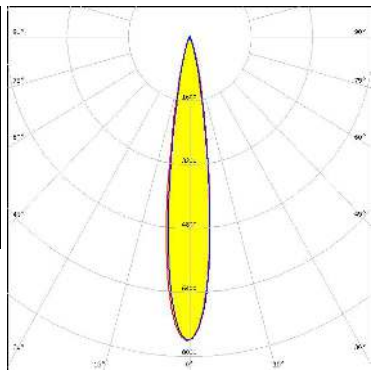

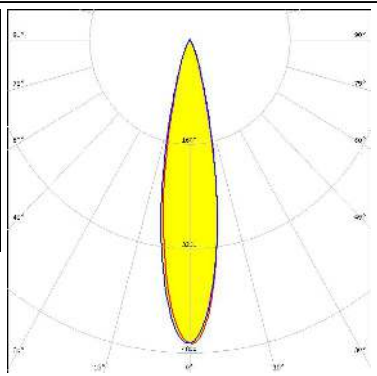
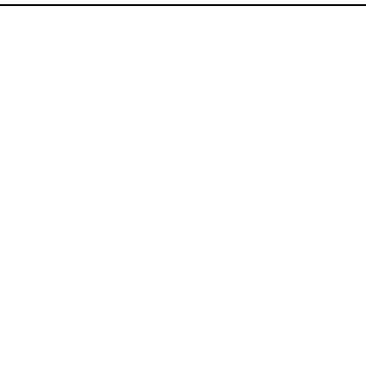

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14966_FLORENTINA-2X2-D	Single lens	88	24	8	4.3
» Box size: 476 x 273 x 292 mm					





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

OPTICAL RESULTS (MEASURED):

<p>COMET FOR PHOTOVOLTAICS</p> <p>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:</p>		
<p>COMET FOR PHOTOVOLTAICS</p> <p>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:</p>		
<p>CREE LED</p> <p>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</p>		
<p>CREE LED</p> <p>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</p>		

OPTICAL RESULTS (MEASURED):

CREE LED

LED XP-L HD
 FWHM / FWTM 19.0° / 36.0°
 Efficiency 77 %
 Peak intensity 5.5 cd/m
 LEDs/each optic 1
 Light colour White

Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN

CREE LED

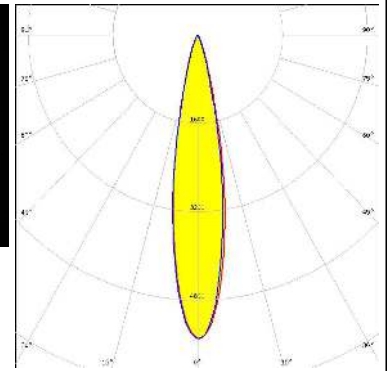
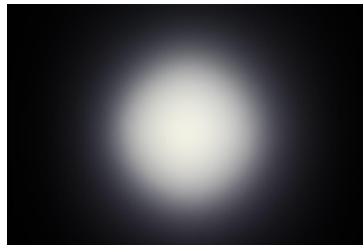
LED XP-L HD
 FWHM / FWTM 19.0° / 36.0°
 Efficiency 77 %
 Peak intensity 5.5 cd/m
 LEDs/each optic 1
 Light colour White

Required components:
 C14960_FLORENTINA-2X2-SHD-WHT

CREE LED

LED XP-L HD
 FWHM / FWTM 19.0° / 36.0°
 Efficiency 77 %
 Peak intensity 5.5 cd/m
 LEDs/each optic 1
 Light colour White

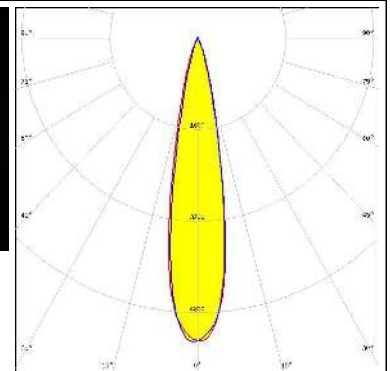
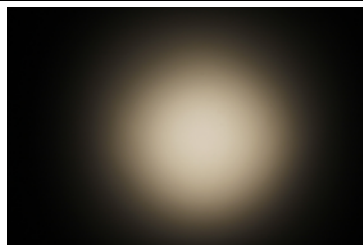
Required components:
 C14734_FLORENTINA-2X2-SHD



LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 20.0° / 37.0°
 Efficiency 80 %
 Peak intensity 5.3 cd/m
 LEDs/each optic 1
 Light colour White

Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



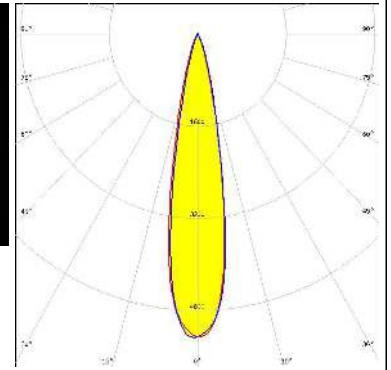
OPTICAL RESULTS (MEASURED):

LUMILEDS

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

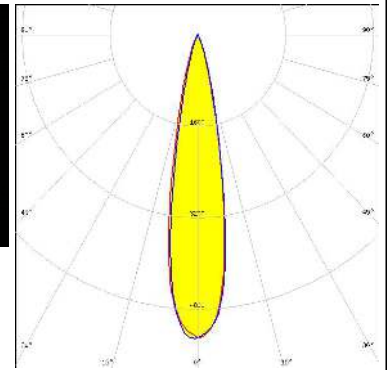


LUMILEDS

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

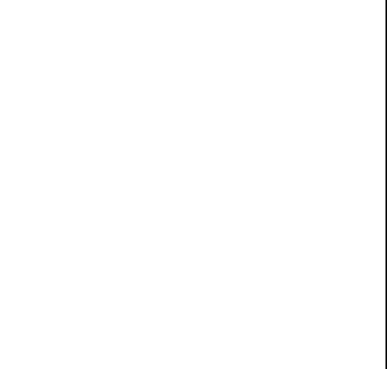


LUMILEDS

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

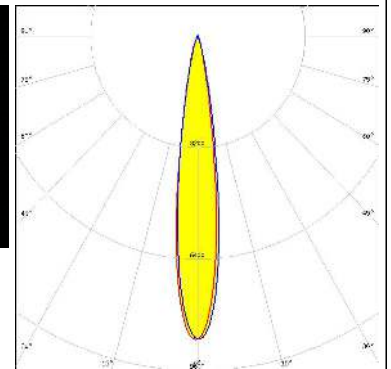


LUMILEDS


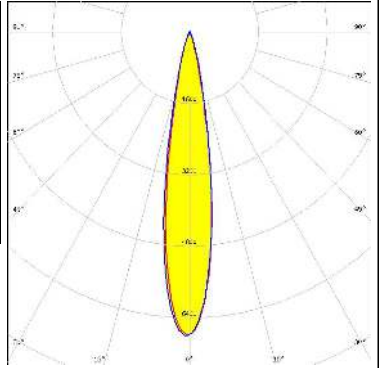



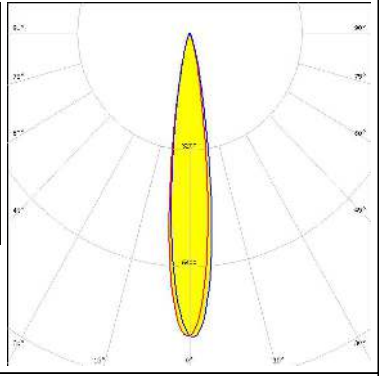
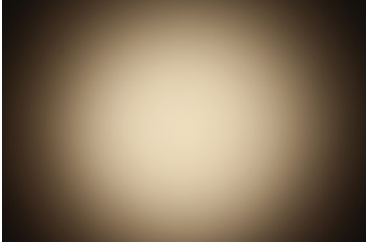
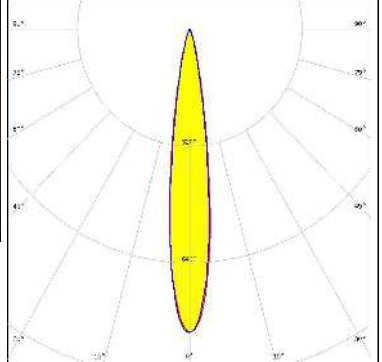
LED LUXEON TX
 FWHM / FWTM 15.0° / 29.0°
 Efficiency 82 %
 Peak intensity 8.7 cd/lm
 LEDs/each optic 1
 Light colour White

Required components:

C14734_FLORENTINA-2X2-SHD



OPTICAL RESULTS (MEASURED):

<p>NICHIA</p> <p>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</p>		
<p>NICHIA</p> <p>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</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>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</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>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</p>		

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON 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

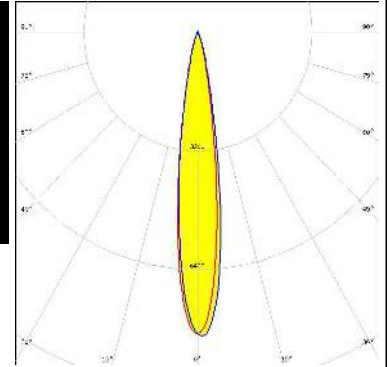
OSRAM

Opto Semiconductors

LED OSLON 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

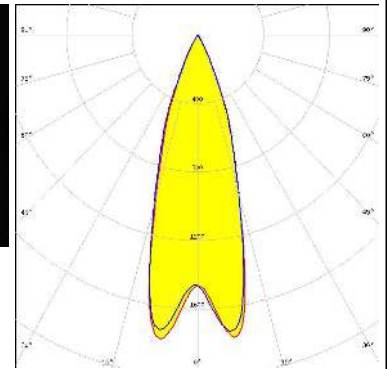


SAMSUNG

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:

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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