

FLORENTINA-2X2-W

~40° wide beam

SPECIFICATION:

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

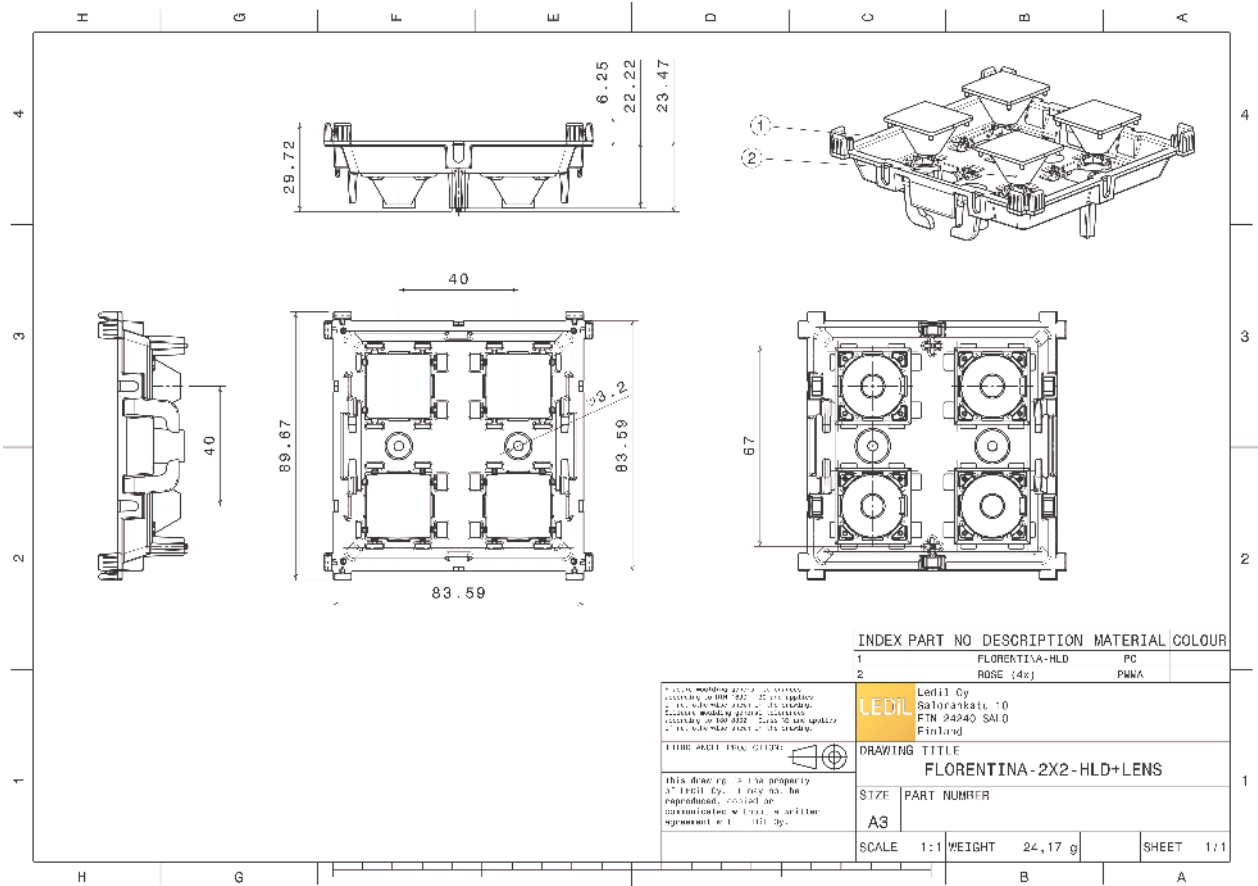
MATERIALS:

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

ORDERING INFORMATION:



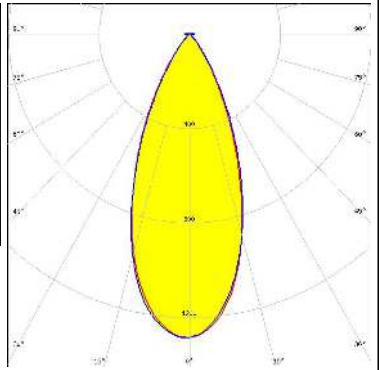

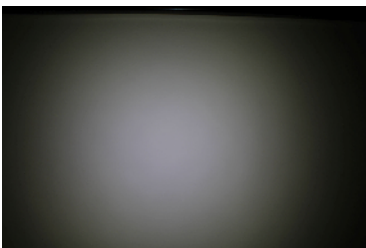
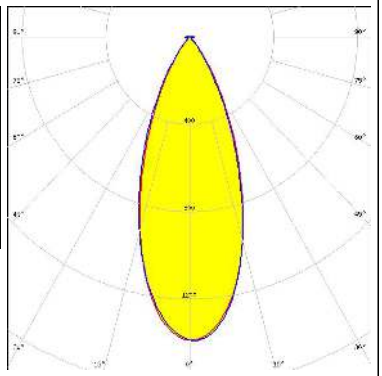


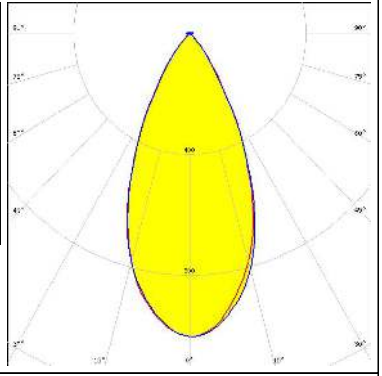

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCP14969_FLORENTINA-2X2-W	Single lens	88	24	8	4.0
» Box size: 476 x 273 x 292 mm					





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

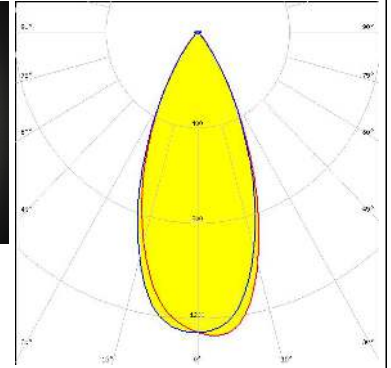
OPTICAL RESULTS (MEASURED):

 <p> 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: </p>		
 <p> 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: </p>		
 <p> 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 </p>		
 <p> 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 </p>		

OPTICAL RESULTS (MEASURED):

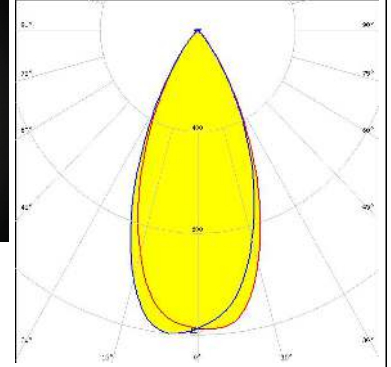
CREE LED

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



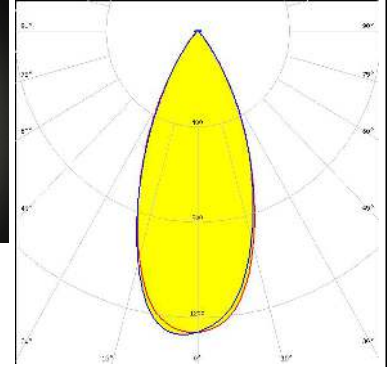
CREE LED

LED XP-G2
 FWHM / FWTM 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



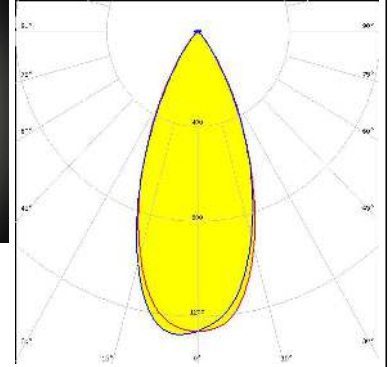
CREE LED

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



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



OPTICAL RESULTS (MEASURED):

CREE LED

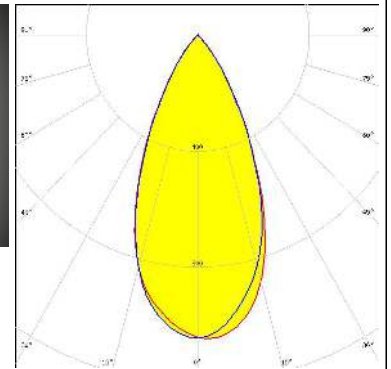
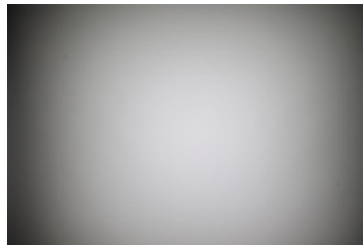
LED XP-L HD
FWHM / FWTM 49.0° / 77.0°
Efficiency 70 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14960_FLORENTINA-2X2-SHD-WHT

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

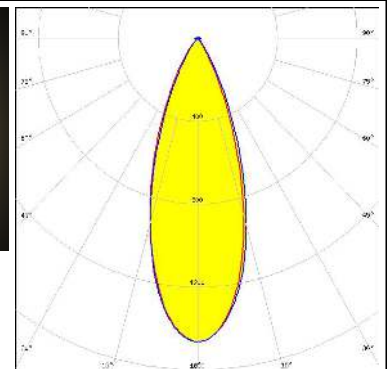
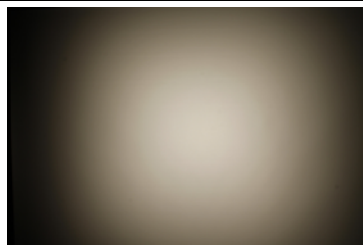
CREE LED

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

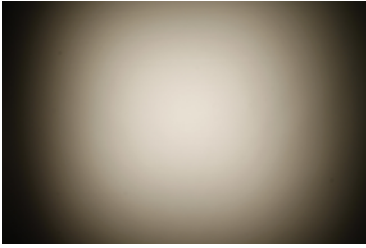
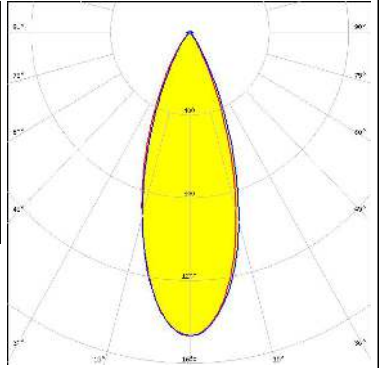
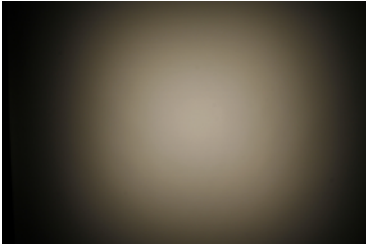
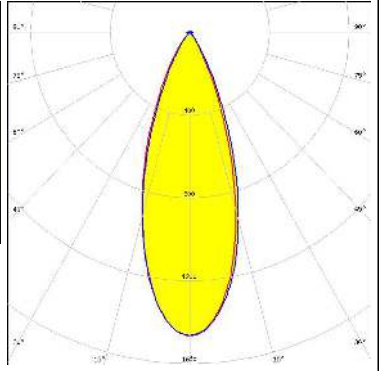

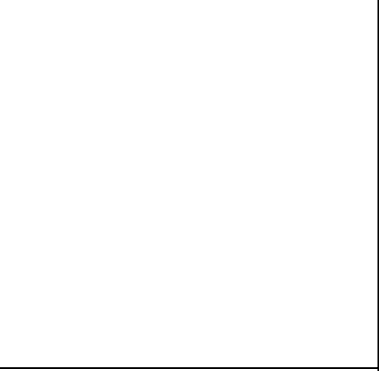
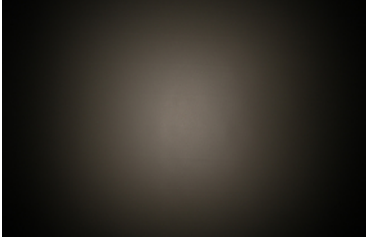
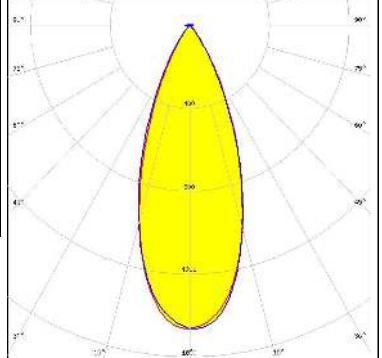


LUMILEDS

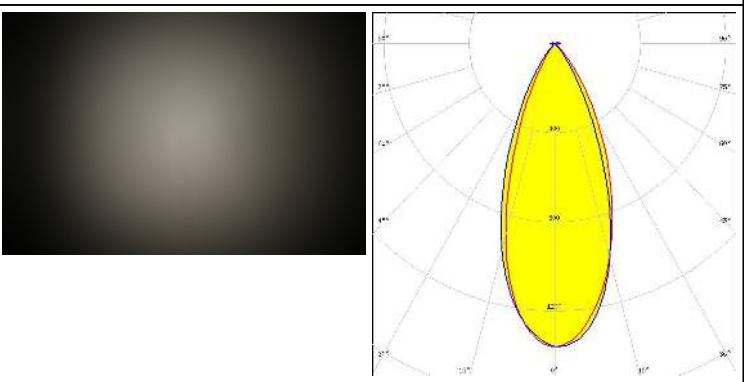
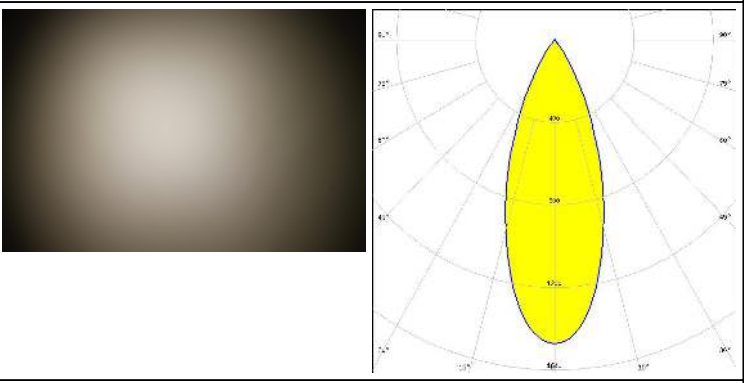
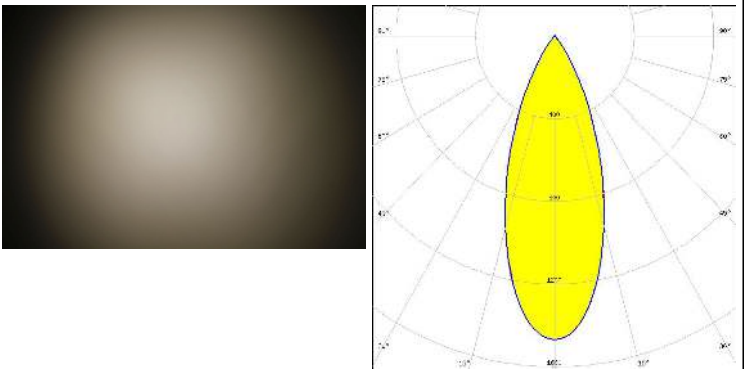
LED LUXEON MZ
FWHM / FWTM 36.0° / 63.0°
Efficiency 66 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:
C14734_FLORENTINA-2X2-SHD



OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON MZ</p> <p>FWHM / FWTM 37.0° / 63.0°</p> <p>Efficiency 69 %</p> <p>Peak intensity 1.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p>LUMILEDS</p> <p>LED LUXEON MZ</p> <p>FWHM / FWTM 36.0° / 63.0°</p> <p>Efficiency 66 %</p> <p>Peak intensity 1.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>LUMILEDS</p> <p>LED LUXEON TX</p> <p>FWHM / FWTM 41.0° / 67.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 1.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>LUMILEDS</p> <p>LED LUXEON TX</p> <p>FWHM / FWTM 41.0° / 67.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 1.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14734_FLORENTINA-2X2-SHD</p>		

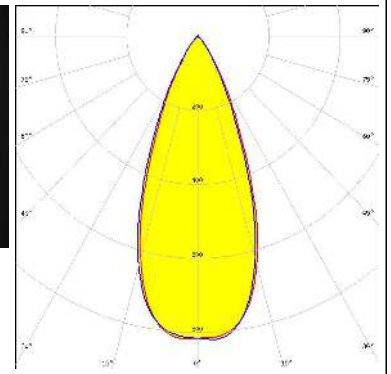
OPTICAL RESULTS (MEASURED):

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

OPTICAL RESULTS (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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