

FLORENTINA-2X2-MRK-M

~40° medium beam. Compatible with ultra high power LEDs.

SPECIFICATION:

Dimensions	89.7 x 89.7 mm
Height	17.7 mm
Fastening	pin, screw
ROHS compliant	yes ⓘ

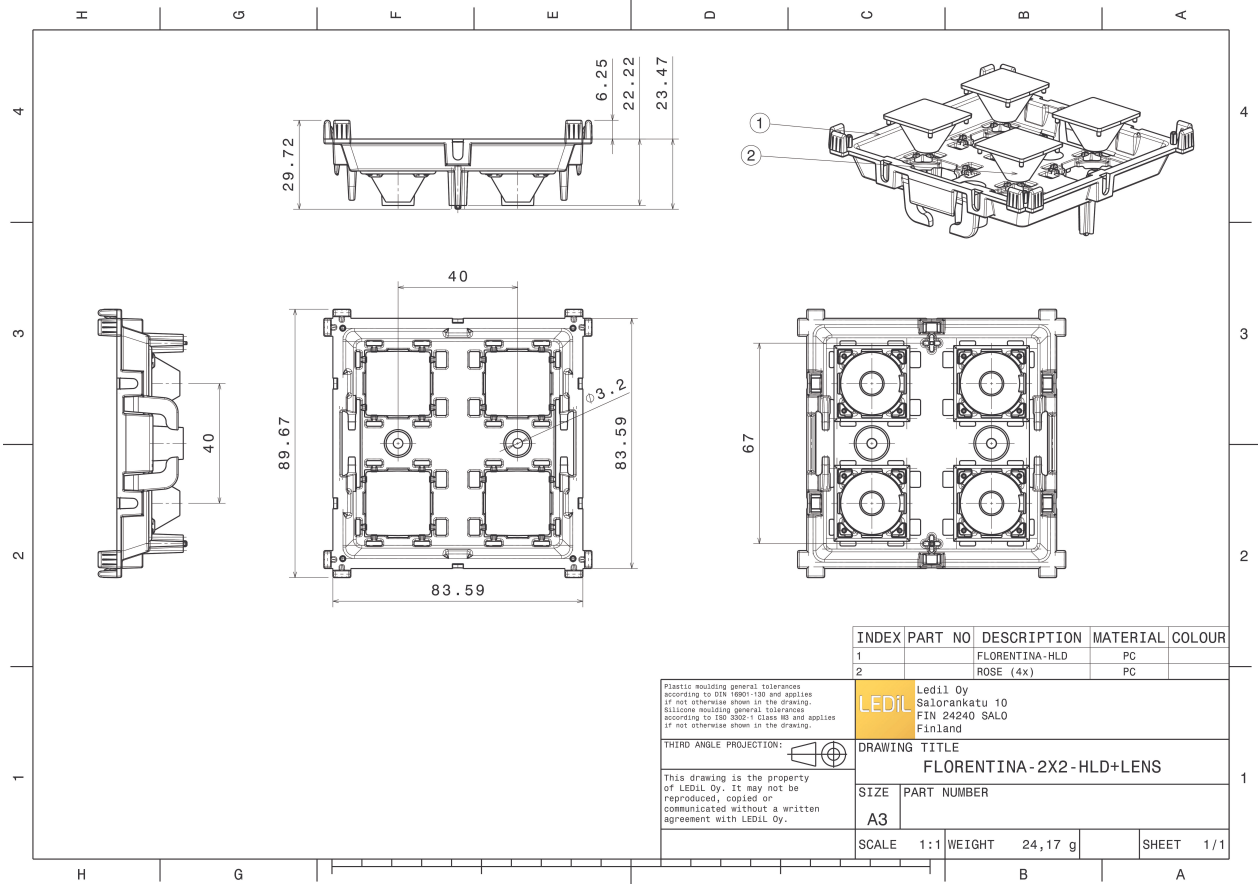


MATERIALS:

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


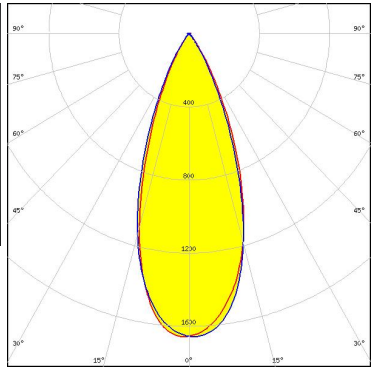

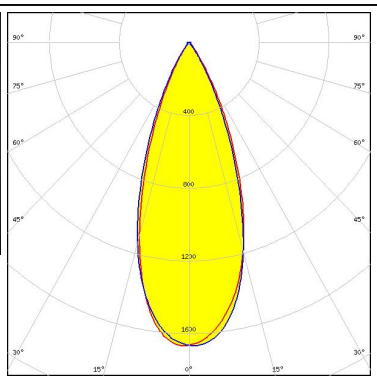

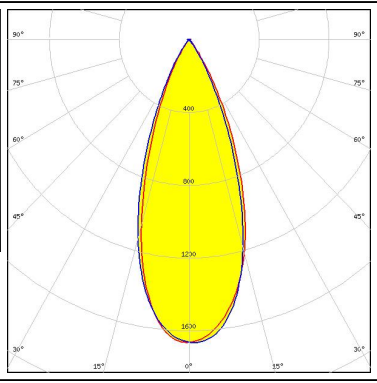

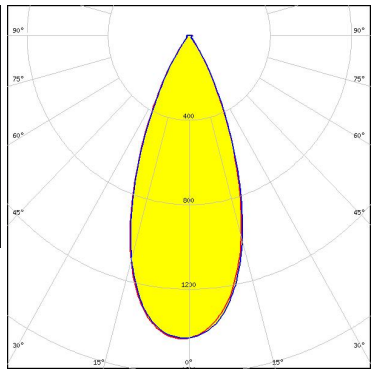
ORDERING INFORMATION:

Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCP15705_FLORENTINA-2X2-MRK-M	Single lens	88	24	8	4.2
» Box size: 476 x 273 x 292 mm					


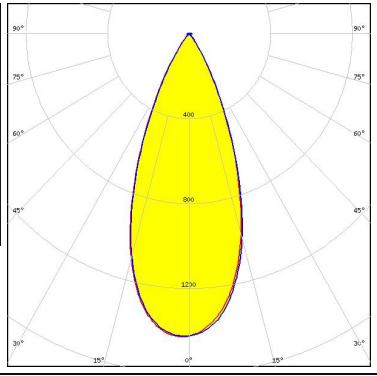

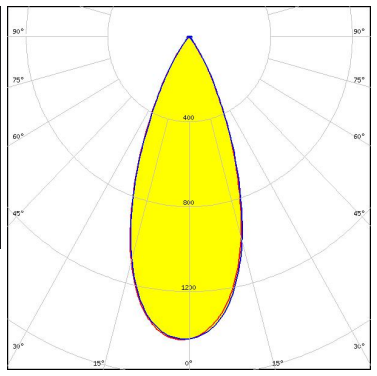

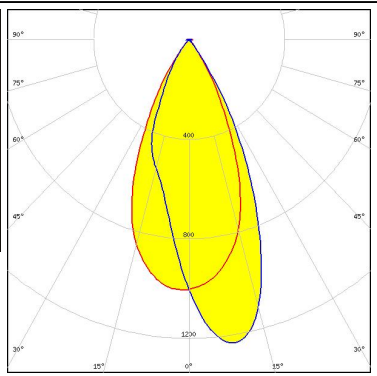
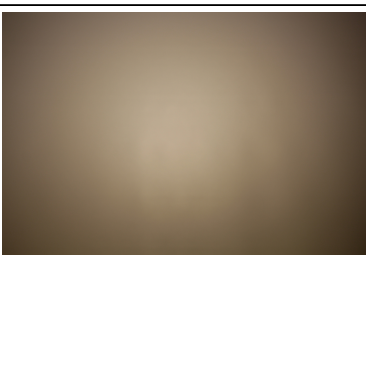
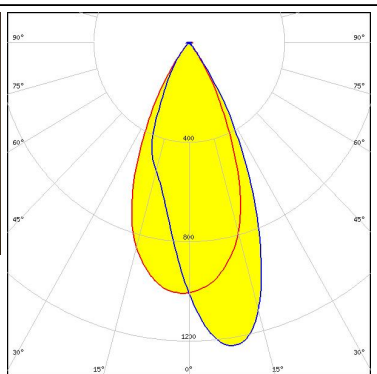


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XHP35 HD FWHM / FWTM 39.0° / 64.0° Efficiency 79 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>CREE LEDs</p> <p>LED XHP35 HD FWHM / FWTM 39.0° / 65.0° Efficiency 82 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p>CREE LEDs</p> <p>LED XHP35 HD FWHM / FWTM 39.0° / 64.0° Efficiency 79 % Peak intensity 1.7 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>CREE LEDs</p> <p>LED XHP50 FWHM / FWTM 41.0° / 67.0° Efficiency 80 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		

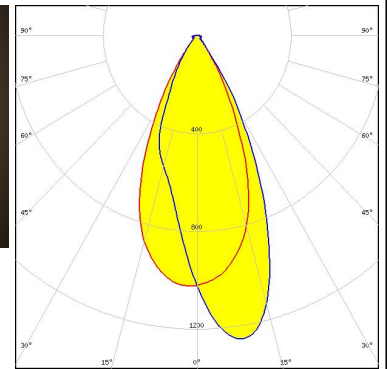
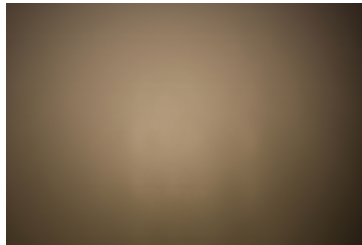
OPTICAL RESULTS (MEASURED):

<p>CREE LEDs</p> <p>LED XHP50 FWHM / FWTM 41.0° / 66.0° Efficiency 76 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>CREE LEDs</p> <p>LED XHP50 FWHM / FWTM 41.0° / 66.0° Efficiency 76 % Peak intensity 1.4 cd/lm LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>CREE LEDs</p> <p>LED XHP70 FWHM / FWTM 48.0° / 71.0° Efficiency 69 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>CREE LEDs</p> <p>LED XHP70 FWHM / FWTM 48.0° / 71.0° Efficiency 70 % Peak intensity 1.2 cd/lm LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		

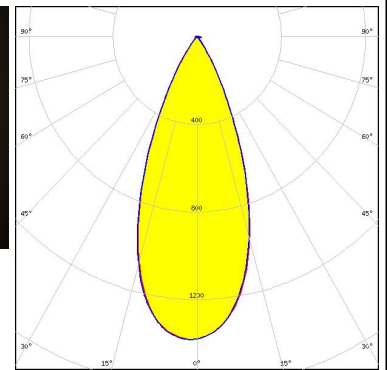
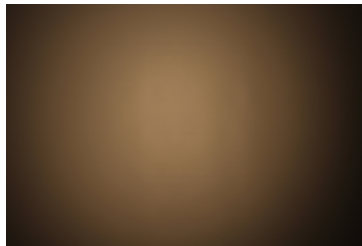
OPTICAL RESULTS (MEASURED):



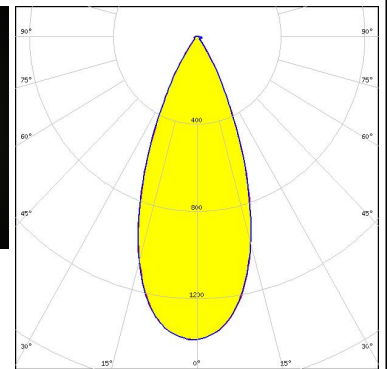
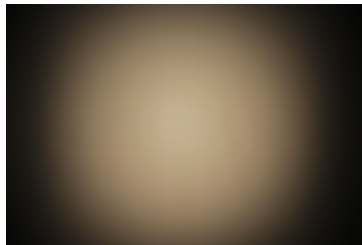
LED XHP70
 FWHM / FWTM 48.0° / 73.0°
 Efficiency 77 %
 Peak intensity 1.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



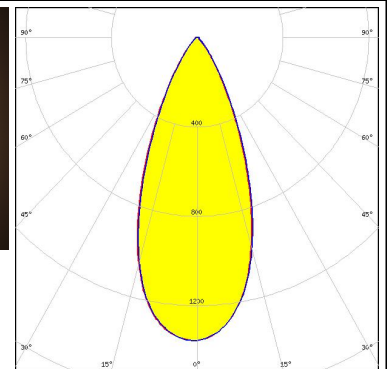
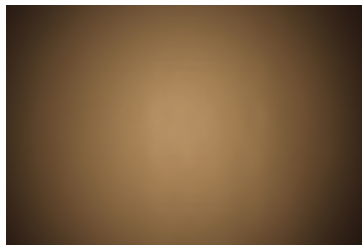
LED LUXEON M/MX
 FWHM / FWTM 41.0° / 66.0°
 Efficiency 74 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN



LED LUXEON M/MX
 FWHM / FWTM 42.0° / 66.0°
 Efficiency 79 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



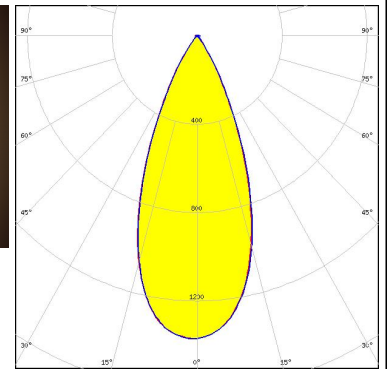
LED LUXEON M/MX
 FWHM / FWTM 43.0° / 72.0°
 Efficiency 82 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

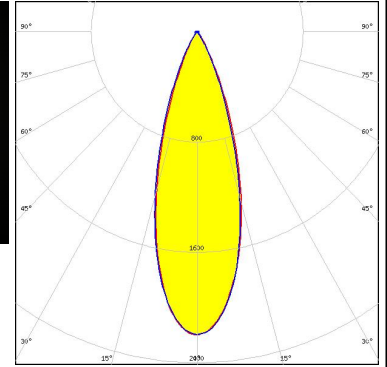
LUMILEDS

LED LUXEON M/MX
 FWHM / FWTM 42.0° / 66.0°
 Efficiency 74 %
 Peak intensity 1.4 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



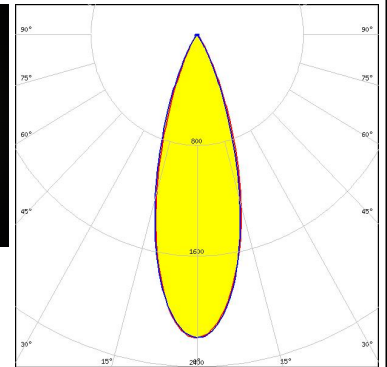
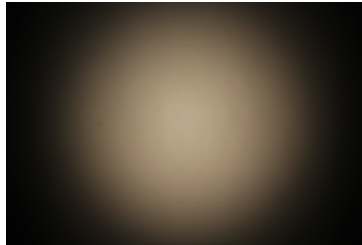
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 33.0° / 56.0°
 Efficiency 78 %
 Peak intensity 2.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



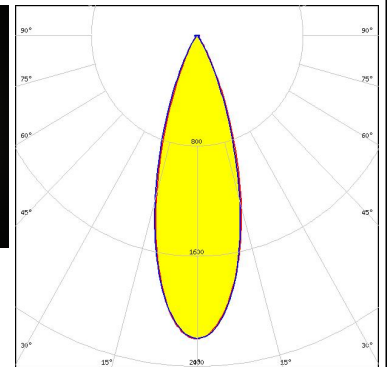
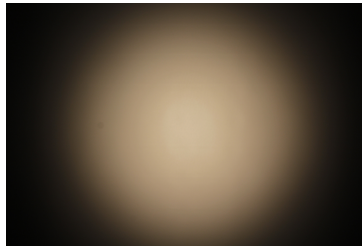
LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 33.0° / 56.0°
 Efficiency 77 %
 Peak intensity 2.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C15196_FLORENTINA-2X2-SHD-OPEN


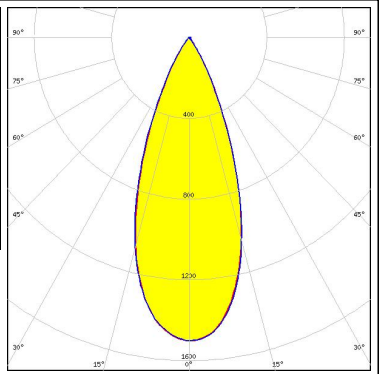

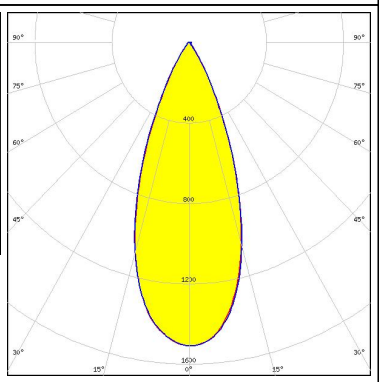

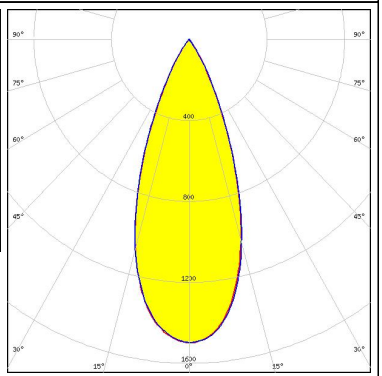


LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 33.0° / 56.0°
 Efficiency 81 %
 Peak intensity 2.2 cd/m
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



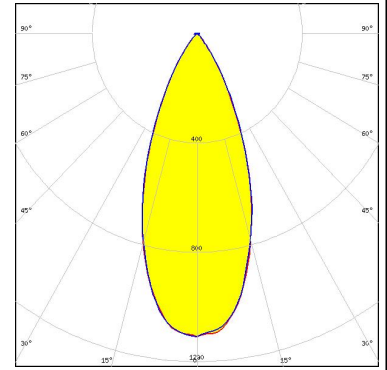
OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 7070</p> <p>FWHM / FWTM 40.0° / 65.0°</p> <p>Efficiency 71 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 7070</p> <p>FWHM / FWTM 40.0° / 65.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 7070</p> <p>FWHM / FWTM 40.0° / 65.0°</p> <p>Efficiency 70 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C14734_FLORENTINA-2X2-SHD</p>		

OPTICAL RESULTS (SIMULATED):

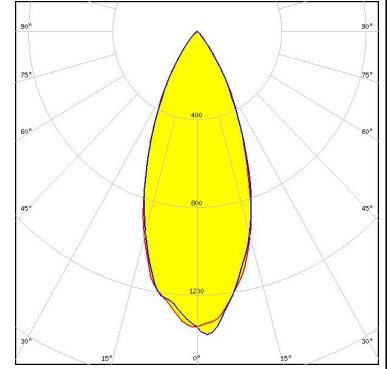
LUMILEDS

LED LUXEON 7070
 FWHM / FWTM 42.0° / 71.0°
 Efficiency 64 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



NICHIA

LED NV4x144A
 FWHM / FWTM 42.0° / 72.0°
 Efficiency 76 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD



OSRAM

Opto Semiconductors

LED Duris S8
 FWHM / FWTM 39.0° / 70.0°
 Efficiency 76 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14734_FLORENTINA-2X2-SHD

