

FLORENTINA-2X2-W

~40° wide beam

SPECIFICATION:

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

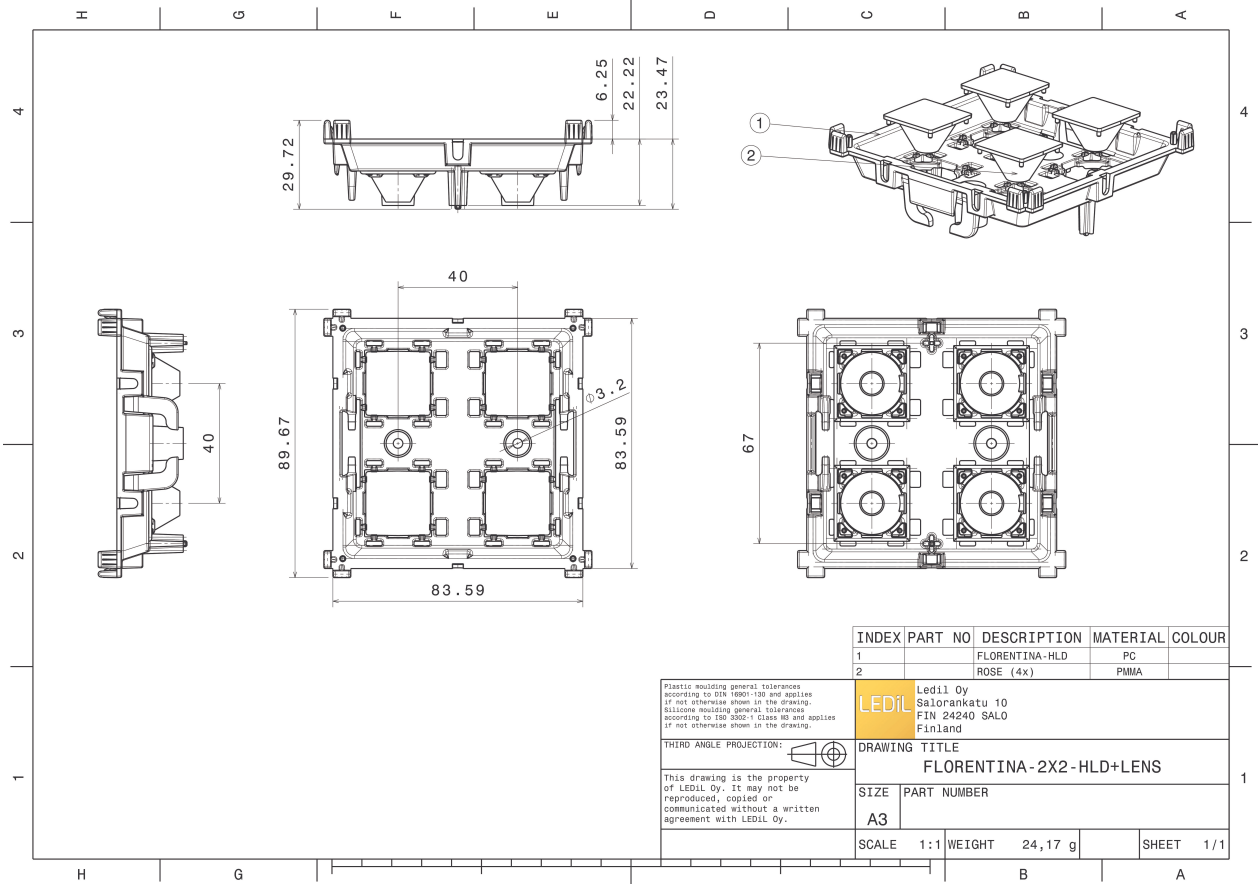
MATERIALS:

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					



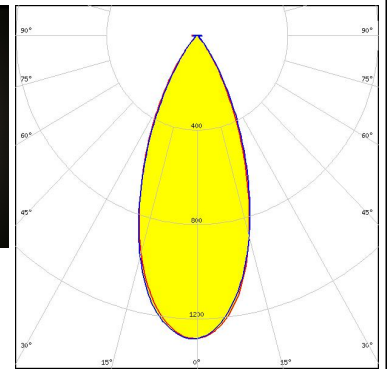
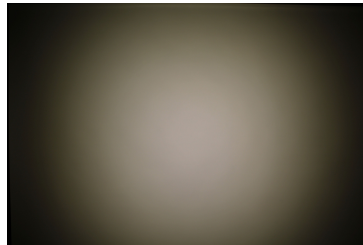


See also our general installation guide: www.ledil.com/installation_guide

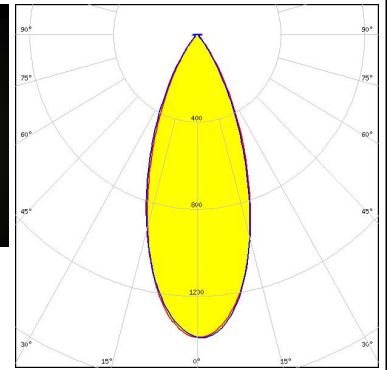
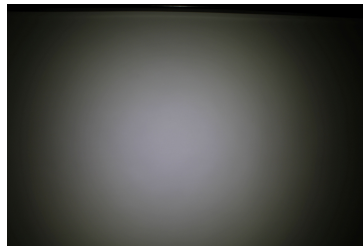
OPTICAL RESULTS (MEASURED):



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:



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:



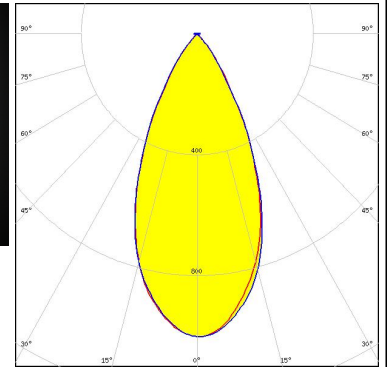
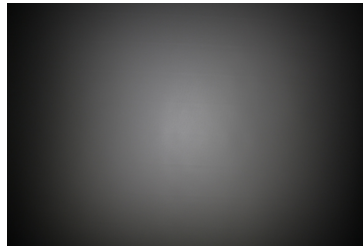
LED XHP35 HD
 FWHM / FWTM 49.0° / 77.0°
 Efficiency 70 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

C15196_FLORENTINA-2X2-SHD-OPEN



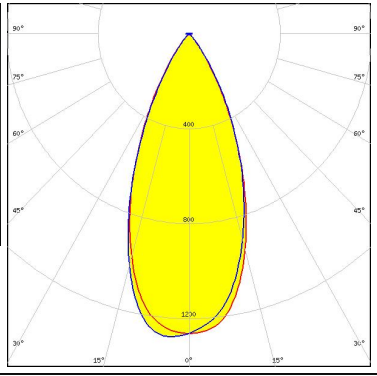


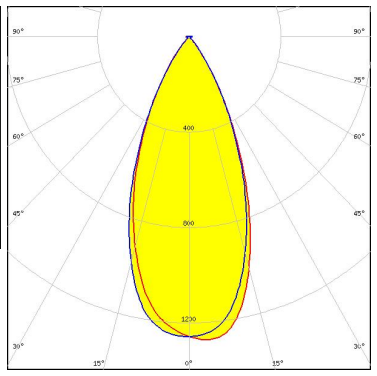


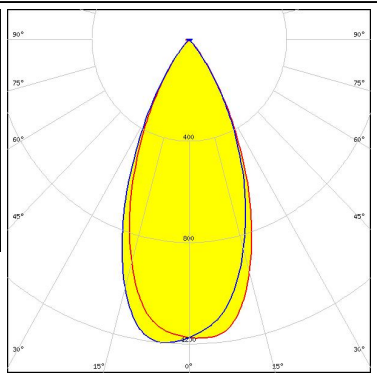


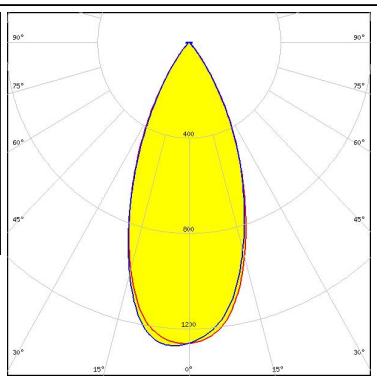


LED XHP35 HD
 FWHM / FWTM 49.0° / 77.0°
 Efficiency 70 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

C14734_FLORENTINA-2X2-SHD



OPTICAL RESULTS (MEASURED):

<p>CREE  LED</p> <p>LED XP-G2 FWHM / FWTM 44.0° / 72.0° Efficiency 76 % Peak intensity 1.3 cd/m LEDs/each optic 1 Light colour White Required components: C14734_FLORENTINA-2X2-SHD</p>		
<p>CREE  LED</p> <p>LED XP-G2 FWHM / FWTM 44.0° / 72.0° Efficiency 78 % Peak intensity 1.3 cd/m LEDs/each optic 1 Light colour White Required components: C14960_FLORENTINA-2X2-SHD-WHT</p>		
<p>CREE  LED</p> <p>LED XP-G2 FWHM / FWTM 46.0° / 74.0° Efficiency 77 % Peak intensity 1.2 cd/m LEDs/each optic 1 Light colour White Required components: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>CREE  LED</p> <p>LED XP-G2 FWHM / FWTM 44.0° / 73.0° Efficiency 79 % Peak intensity 1.3 cd/m LEDs/each optic 1 Light colour White Required components:</p>		

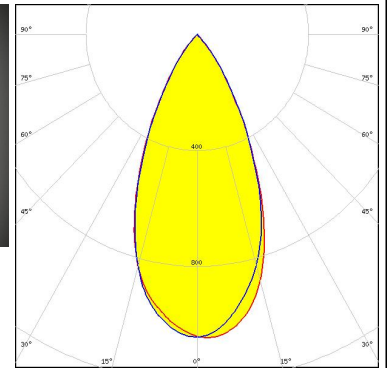
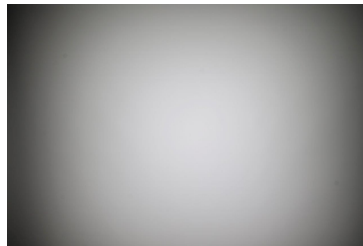
OPTICAL RESULTS (MEASURED):

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:
 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

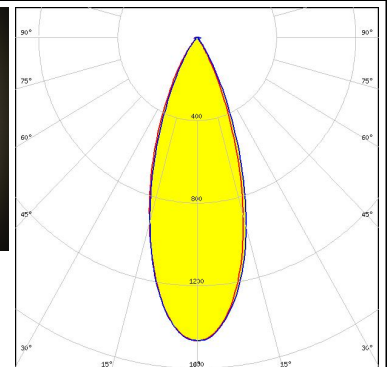
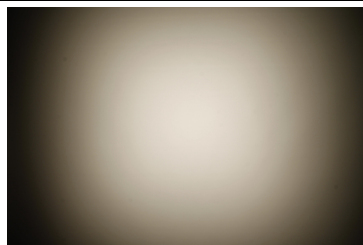


CREE LED

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

LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 37.0° / 63.0°
 Efficiency 69 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C14960_FLORENTINA-2X2-SHD-WHT



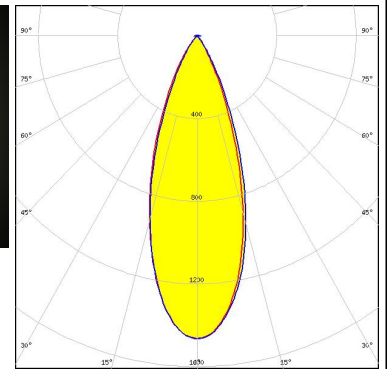
OPTICAL RESULTS (MEASURED):

LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 36.0° / 63.0°
 Efficiency 66 %
 Peak intensity 1.5 cd/m
 LEDs/each optic 1
 Light colour White

Required components:

C15196_FLORENTINA-2X2-SHD-OPEN

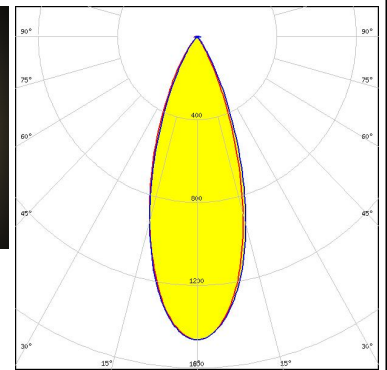


LUMILEDS

LED LUXEON MZ
 FWHM / FWTM 36.0° / 63.0°
 Efficiency 66 %
 Peak intensity 1.5 cd/m
 LEDs/each optic 1
 Light colour White

Required components:

C14734_FLORENTINA-2X2-SHD

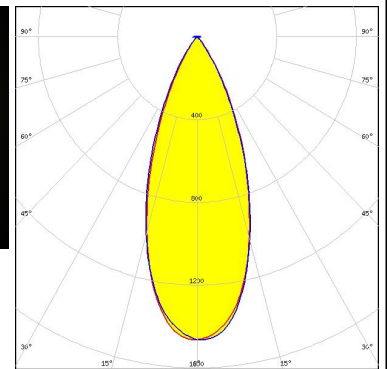
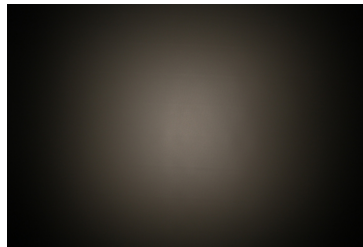


LUMILEDS

LED LUXEON TX
 FWHM / FWTM 41.0° / 67.0°
 Efficiency 76 %
 Peak intensity 1.5 cd/m
 LEDs/each optic 1
 Light colour White

Required components:

C14734_FLORENTINA-2X2-SHD




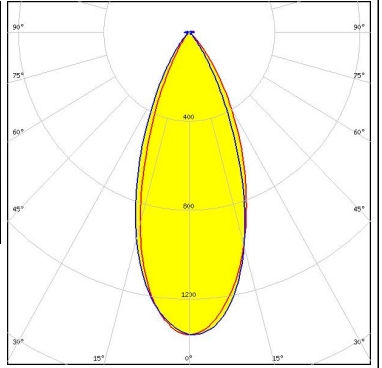

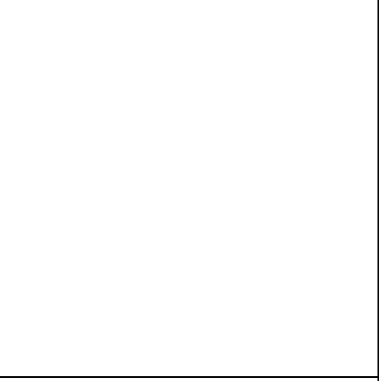
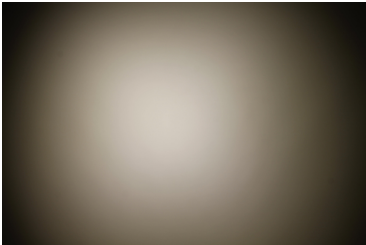
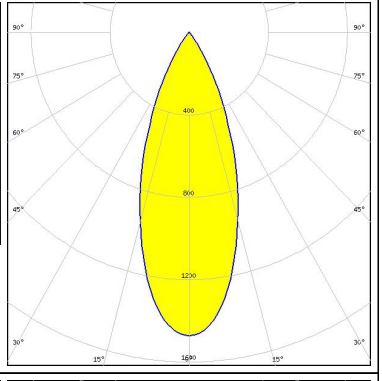
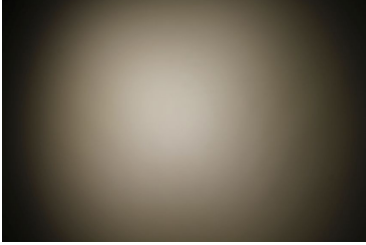
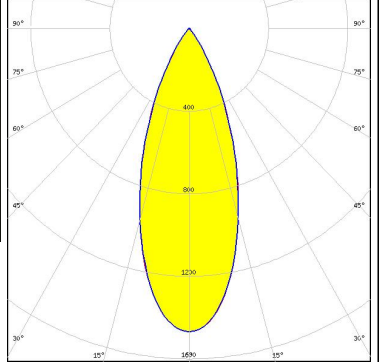
LUMILEDS

LED LUXEON TX
 FWHM / FWTM 41.0° / 67.0°
 Efficiency 76 %
 Peak intensity 1.5 cd/m
 LEDs/each optic 1
 Light colour White

Required components:

C15196_FLORENTINA-2X2-SHD-OPEN

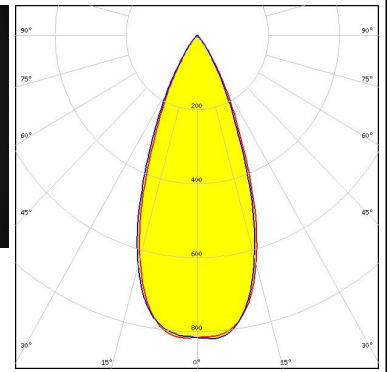
OPTICAL RESULTS (MEASURED):

<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: C14734_FLORENTINA-2X2-SHD</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: C15196_FLORENTINA-2X2-SHD-OPEN</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED OSLON 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 OSLON 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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

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