

FLORENTINA-1-MRK-W

~50° wide beam. Compatible with ultra high power LEDs.

SPECIFICATION:

Dimensions	39.7 x 39.7 mm
Height	13 mm
Fastening	pin
ROHS compliant	yes ⓘ

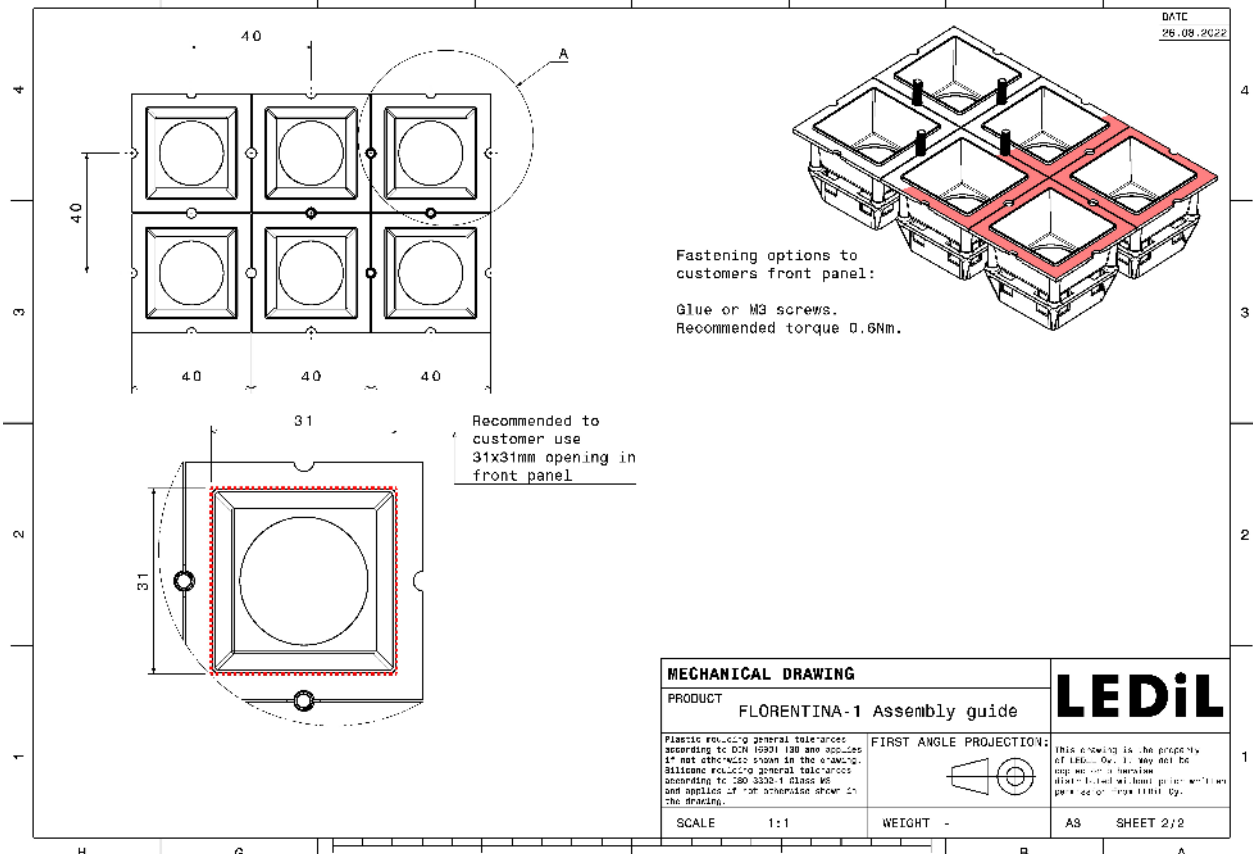
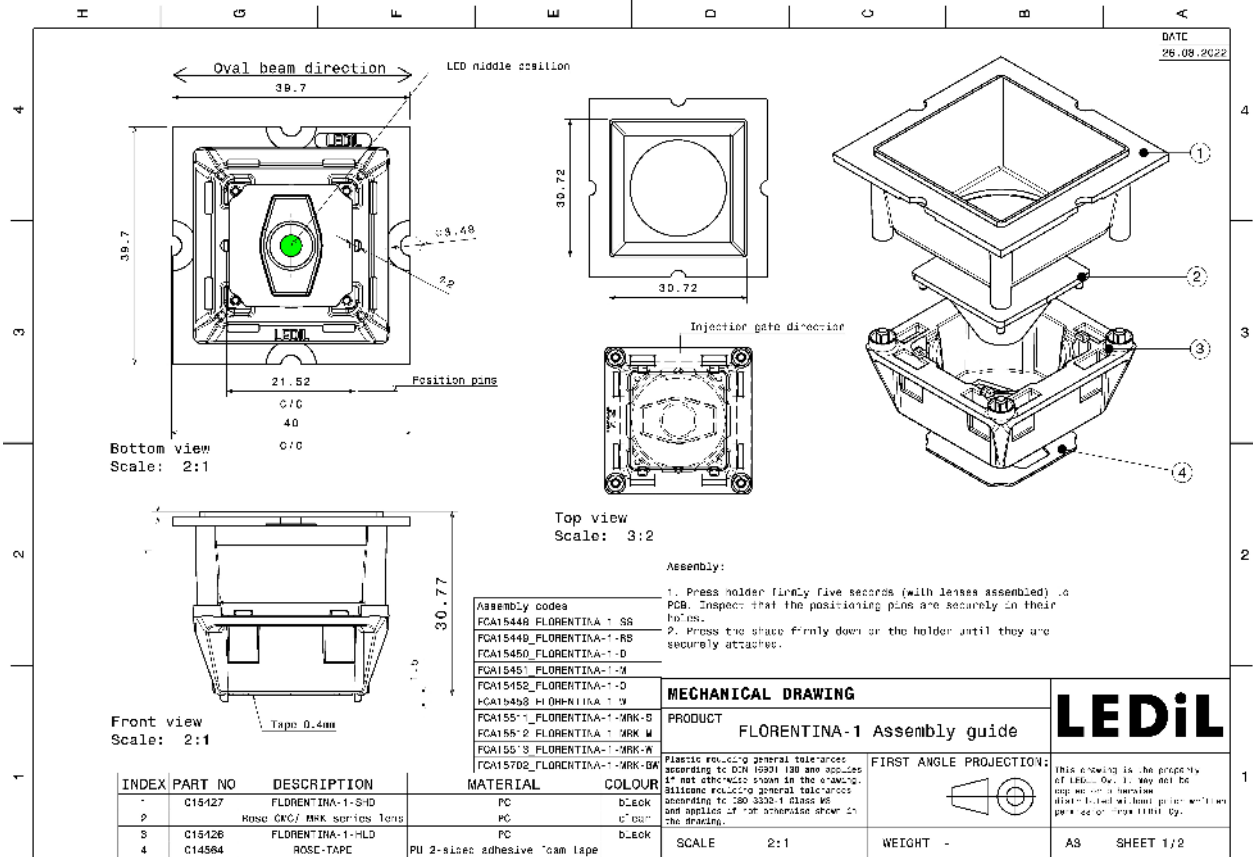
MATERIALS:

Component	Type	Material	Colour	Finish
ROSE-MRK-W	Single lens	PC	clear	
FLORENTINA-1-HLD	Holder	PC	black	
ROSE-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

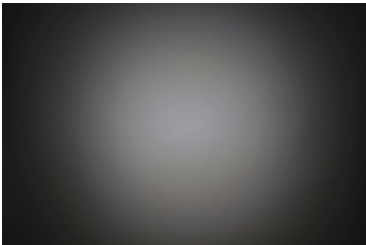
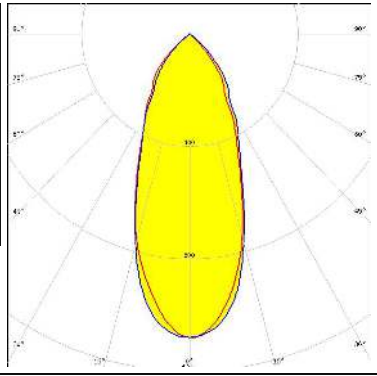
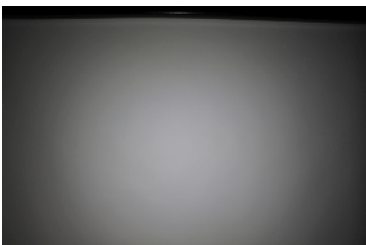
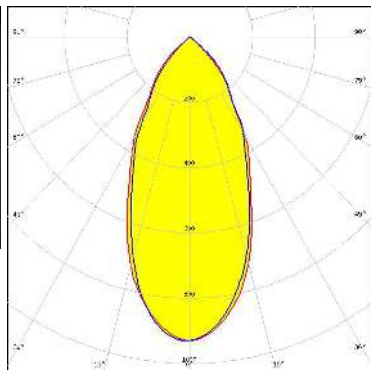
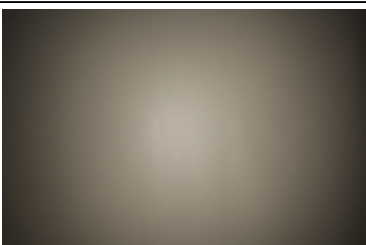
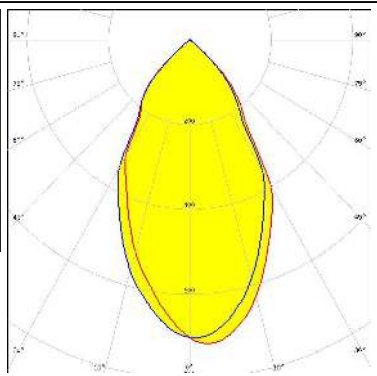
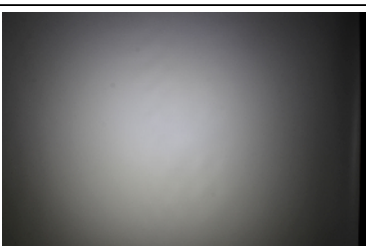
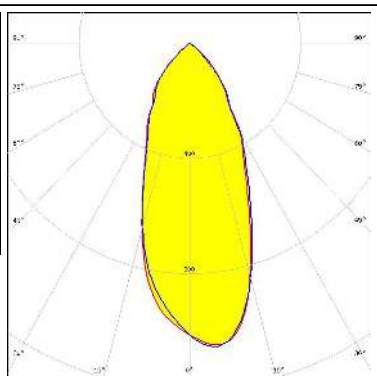
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
FCA15513_FLORENTINA-1-MRK-W » Box size: 480 x 280 x 300 mm	Single lens	840		60	7.9





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

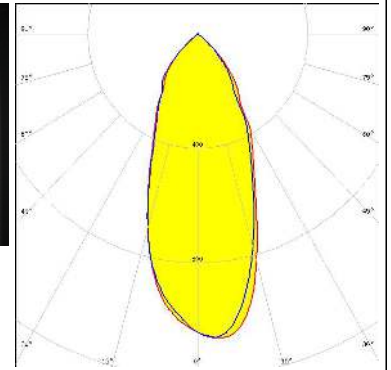
OPTICAL RESULTS (MEASURED):

<p>LUMILEDS</p> <p>LED LUXEON 3030 2D (Round LES)</p> <p>FWHM / FWTM 42.0° / 90.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 1.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>		
<p>LUMILEDS</p> <p>LED LUXEON 5050 Round LES</p> <p>FWHM / FWTM 48.0° / 93.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>LUMILEDS</p> <p>LED LUXEON M/MX</p> <p>FWHM / FWTM 57.0° / 96.0°</p> <p>Efficiency 70 %</p> <p>Peak intensity 0.7 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>NICHIA</p> <p>LED NF2x757G</p> <p>FWHM / FWTM 42.0° / 90.0°</p> <p>Efficiency 76 %</p> <p>Peak intensity 1.1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15427_FLORENTINA-1-SHD-60</p>		

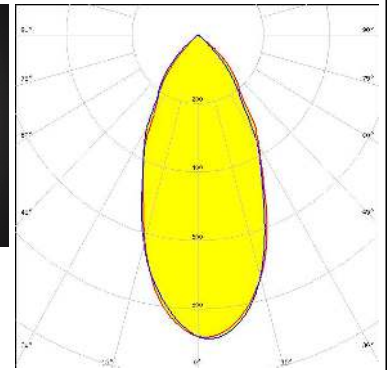
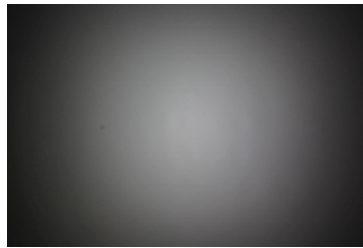
OPTICAL RESULTS (MEASURED):



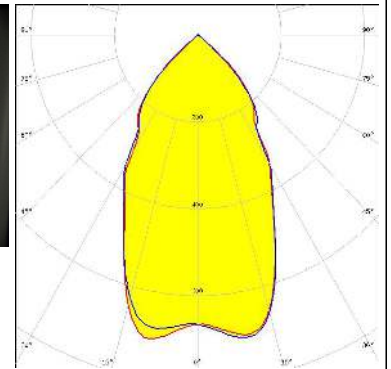
LED NF2x757G
FWHM / FWTM 42.0° / 91.0°
Efficiency 76 %
Peak intensity 1.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C16701_FLORENTINA-1-SHD-60-WHT



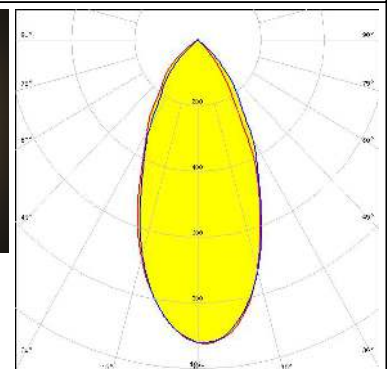
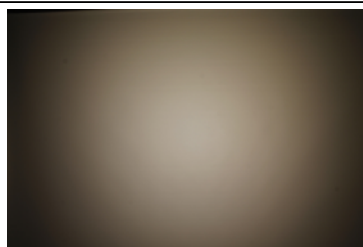
LED NFMW48xA
FWHM / FWTM 48.0° / 92.0°
Efficiency 71 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15427_FLORENTINA-1-SHD-60



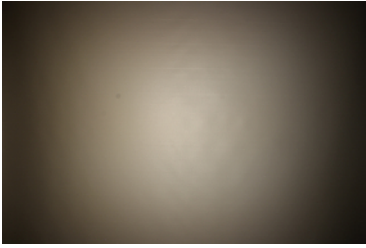
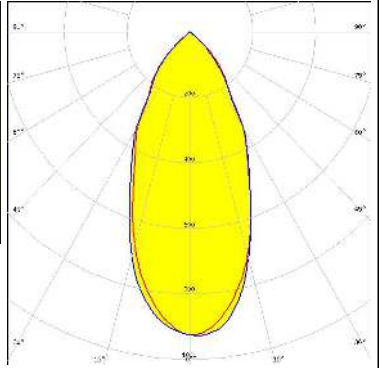
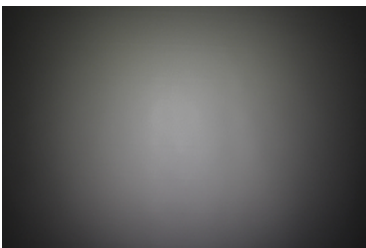
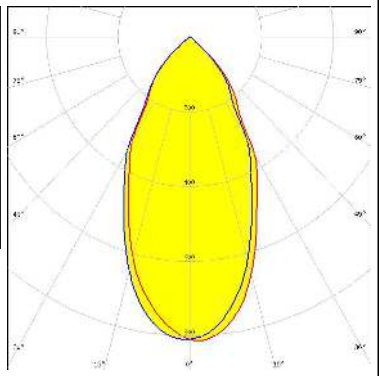

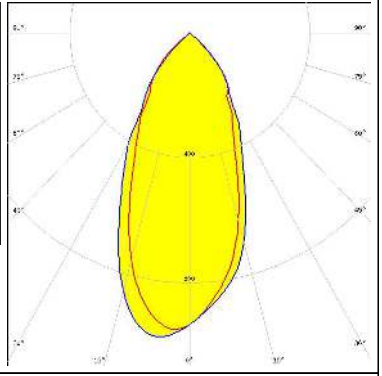
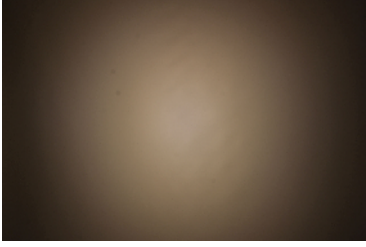
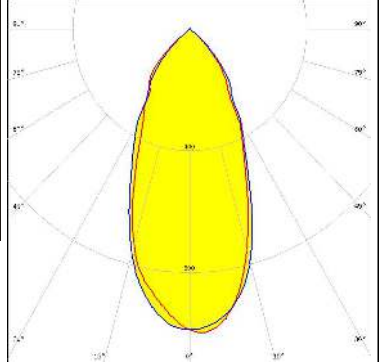
LED NVSW319B
FWHM / FWTM 59.0° / 96.0°
Efficiency 73 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15427_FLORENTINA-1-SHD-60



LED Duris S10
FWHM / FWTM 47.0° / 90.0°
Efficiency 71 %
Peak intensity 0.9 cd/lm
LEDs/each optic 1
Light colour White
Required components:
 C15427_FLORENTINA-1-SHD-60



OPTICAL RESULTS (MEASURED):

<p>OSRAM Opto Semiconductors</p> <p>LED Duris S8</p> <p>FWHM / FWTM 47.0° / 92.0°</p> <p>Efficiency 73 %</p> <p>Peak intensity 0.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 7070</p> <p>FWHM / FWTM 52.0° / 95.0°</p> <p>Efficiency 70 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>SAMSUNG</p> <p>LED LM561B</p> <p>FWHM / FWTM 46.0° / 92.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15427_FLORENTINA-1-SHD-60</p>		
<p>SEOUL SEMICONDUCTOR</p> <p>LED SEOUL 5630</p> <p>FWHM / FWTM 46.0° / 92.0°</p> <p>Efficiency 77 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components: C15427_FLORENTINA-1-SHD-60</p>		

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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