

FLORENTINA-1-RS

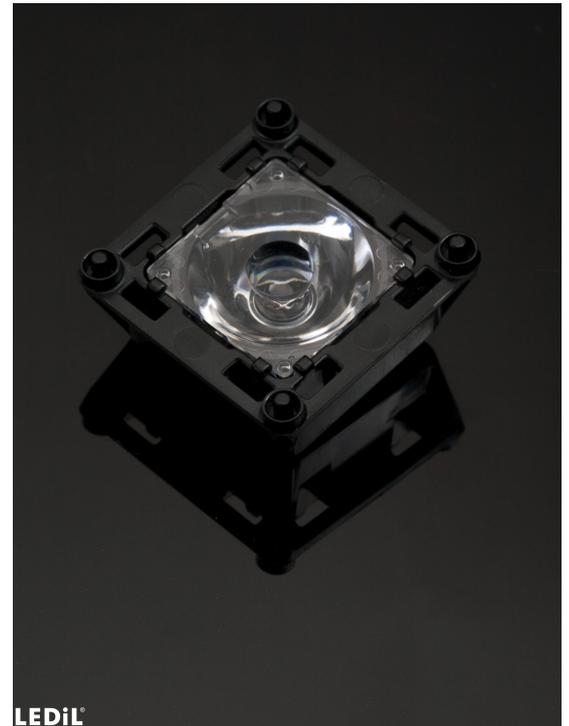
~10° real spot beam

SPECIFICATION:

Dimensions	39.7 x 39.7 mm
Height	17.6 mm
Fastening	tape
ROHS compliant	yes ⓘ

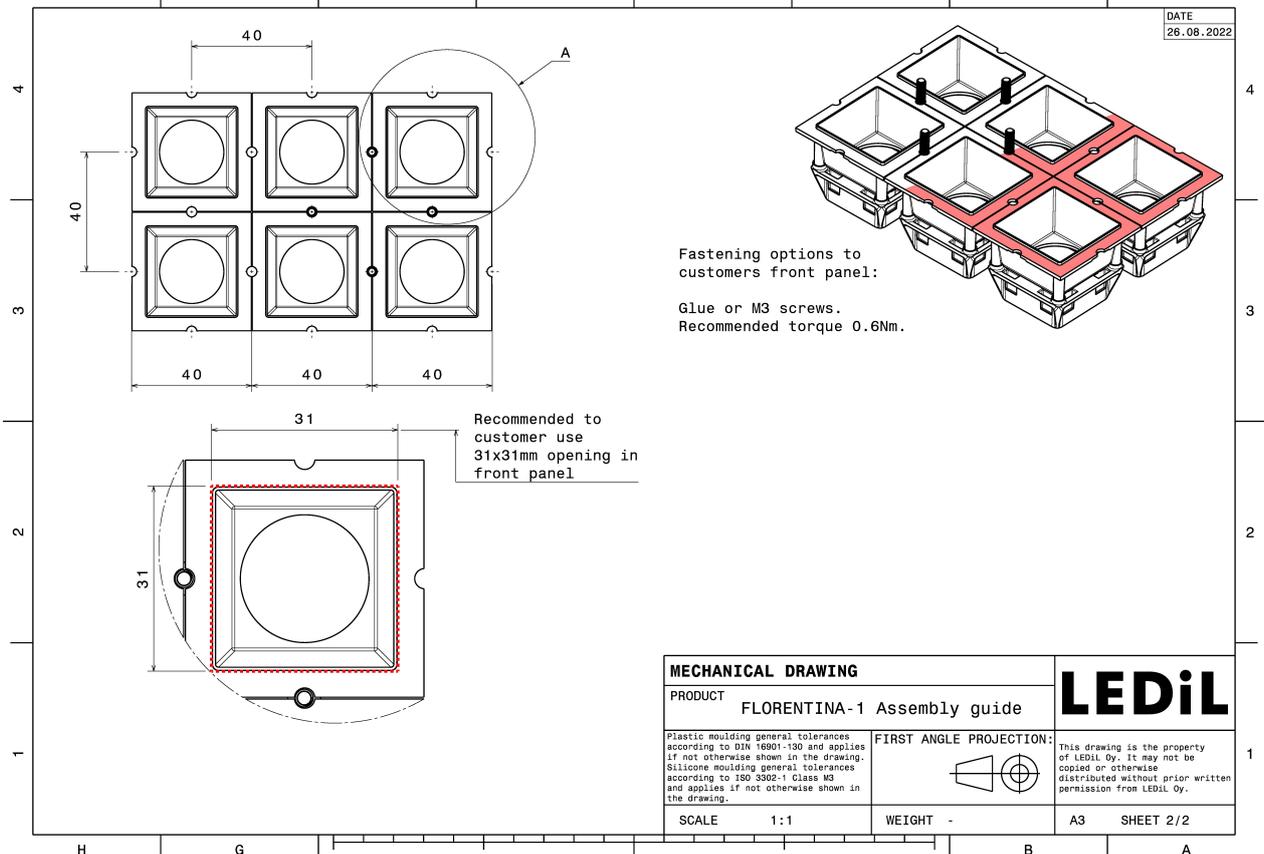
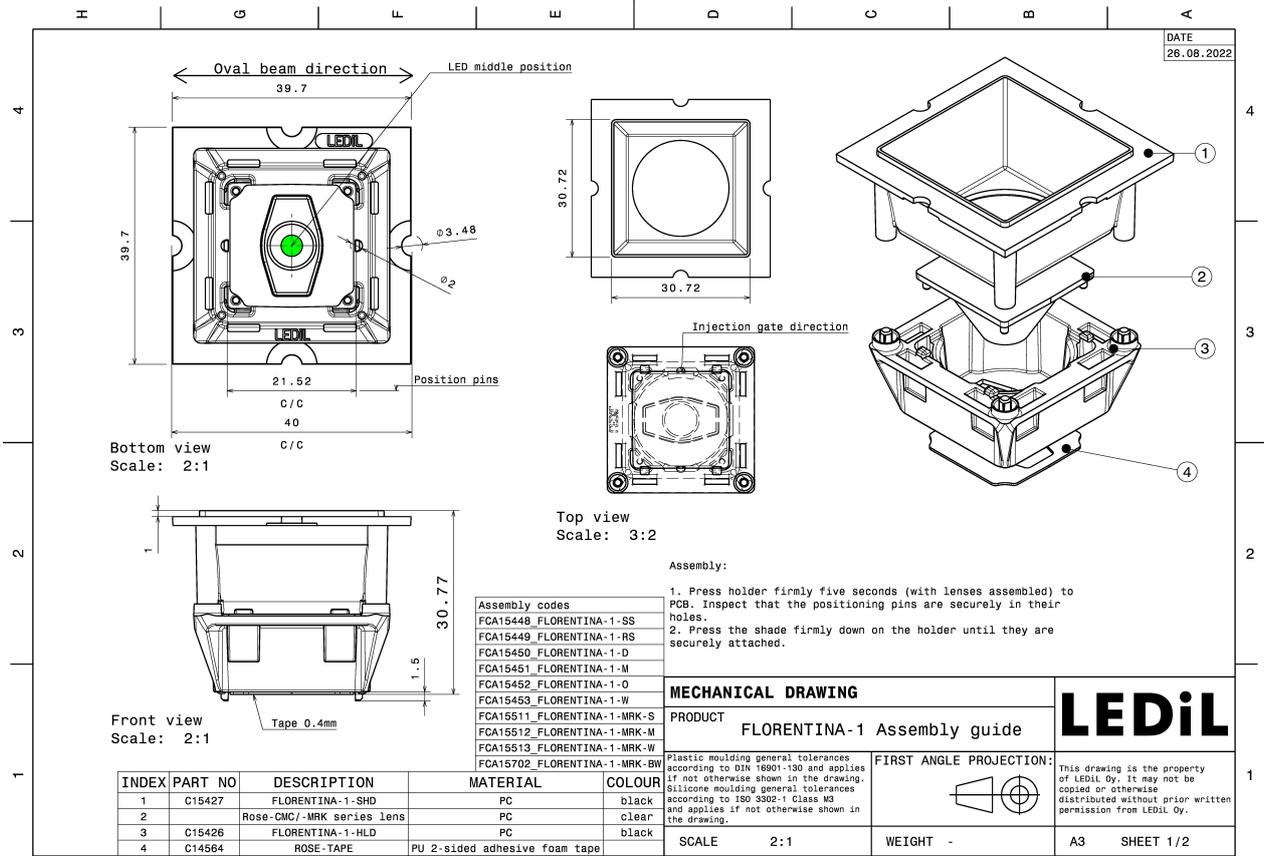
MATERIALS:

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



ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FCA15449_FLORENTINA-1-RS	Single lens	840		60	7.9
» Box size: 480 x 280 x 300 mm					

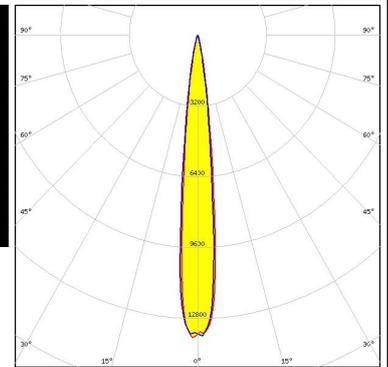


See also our general installation guide: www.ledil.com/installation_guide

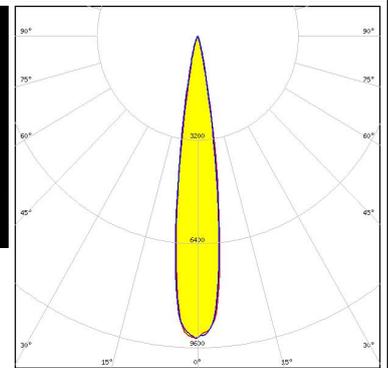
OPTICAL RESULTS (MEASURED):



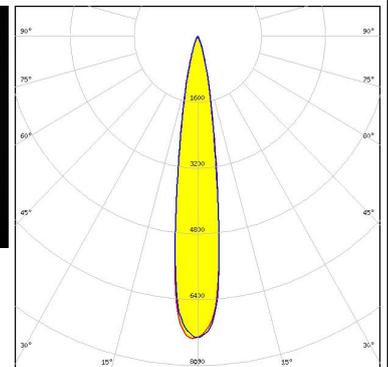
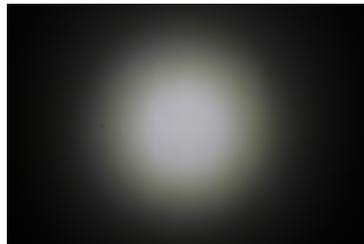
LED XHP35 HI
 FWHM / FWTM 12.0° / 23.0°
 Efficiency 81 %
 Peak intensity 13.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



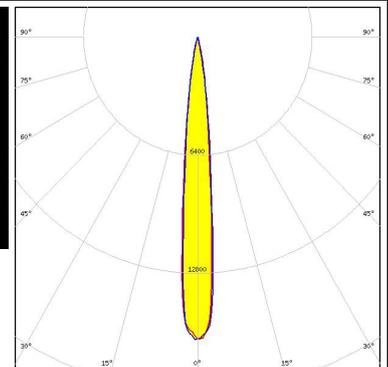
LED XP-L HD
 FWHM / FWTM 16.0° / 27.0°
 Efficiency 80 %
 Peak intensity 9.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED XP-L2
 FWHM / FWTM 16.0° / 32.0°
 Efficiency 79 %
 Peak intensity 7.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



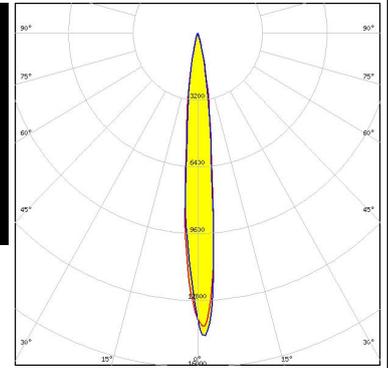
LED LUXEON TX
 FWHM / FWTM 11.0° / 22.0°
 Efficiency 83 %
 Peak intensity 16.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



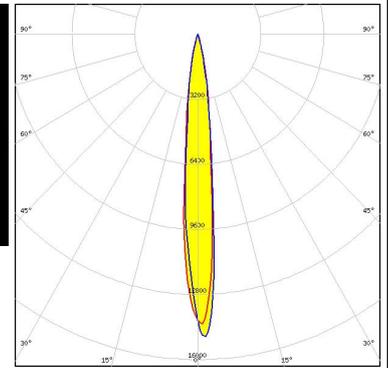
OPTICAL RESULTS (MEASURED):



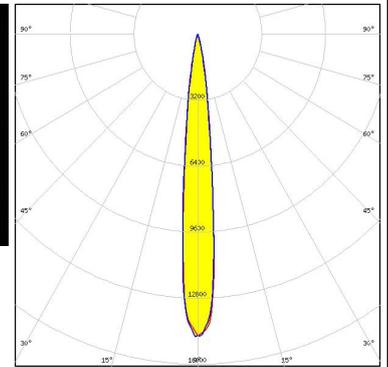
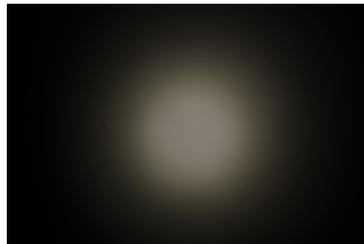
LED NF2x757G
 FWHM / FWTM 11.0° / 25.0°
 Efficiency 83 %
 Peak intensity 14.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C16701_FLORENTINA-1-SHD-60-WHT



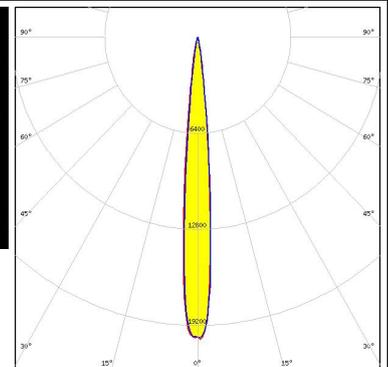
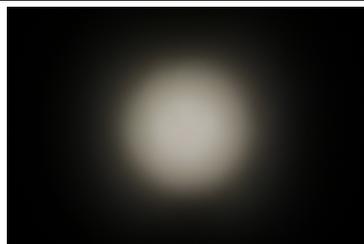
LED NF2x757G
 FWHM / FWTM 27.0° / 44.0°
 Efficiency 73 %
 Peak intensity 3.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



LED NVSxx19B/NVSxx19C
 FWHM / FWTM 11.0° / 23.0°
 Efficiency 81 %
 Peak intensity 14.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



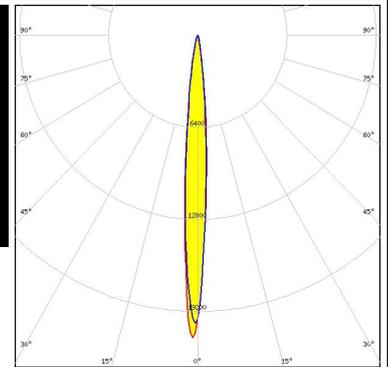
LED OSLON Square EC
 FWHM / FWTM 10.0° / 19.0°
 Efficiency 81 %
 Peak intensity 20.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



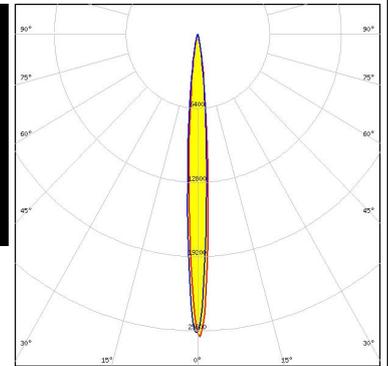
OPTICAL RESULTS (MEASURED):

SAMSUNG

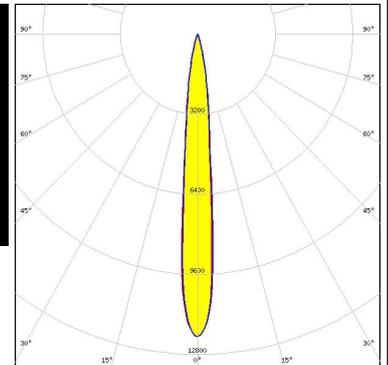
LED LM561B
 FWHM / FWTM 8.0° / 20.0°
 Efficiency 84 %
 Peak intensity 21.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



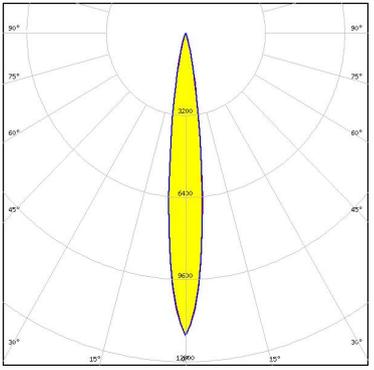
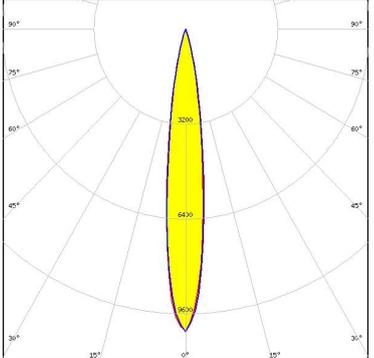
SEOUL SEMICONDUCTOR
 LED SEOUL 5630
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 87 %
 Peak intensity 26.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



SEOUL SEMICONDUCTOR
 LED Z8Y22P
 FWHM / FWTM 11.0° / 26.0°
 Efficiency 77 %
 Peak intensity 12.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60



OPTICAL RESULTS (SIMULATED):

<p> SEOU SEMICONDUCTOR</p> <p>LED: Z5M3</p> <p>FWHM / FWTM: 13.0° / 26.0°</p> <p>Efficiency: 85 %</p> <p>Peak intensity: 11.8 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p> SEOU SEMICONDUCTOR</p> <p>LED: Z5M4</p> <p>FWHM / FWTM: 14.0° / 30.0°</p> <p>Efficiency: 85 %</p> <p>Peak intensity: 10.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</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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