

FLORENTINA-1-RS

~10° real spot beam

SPECIFICATION:

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

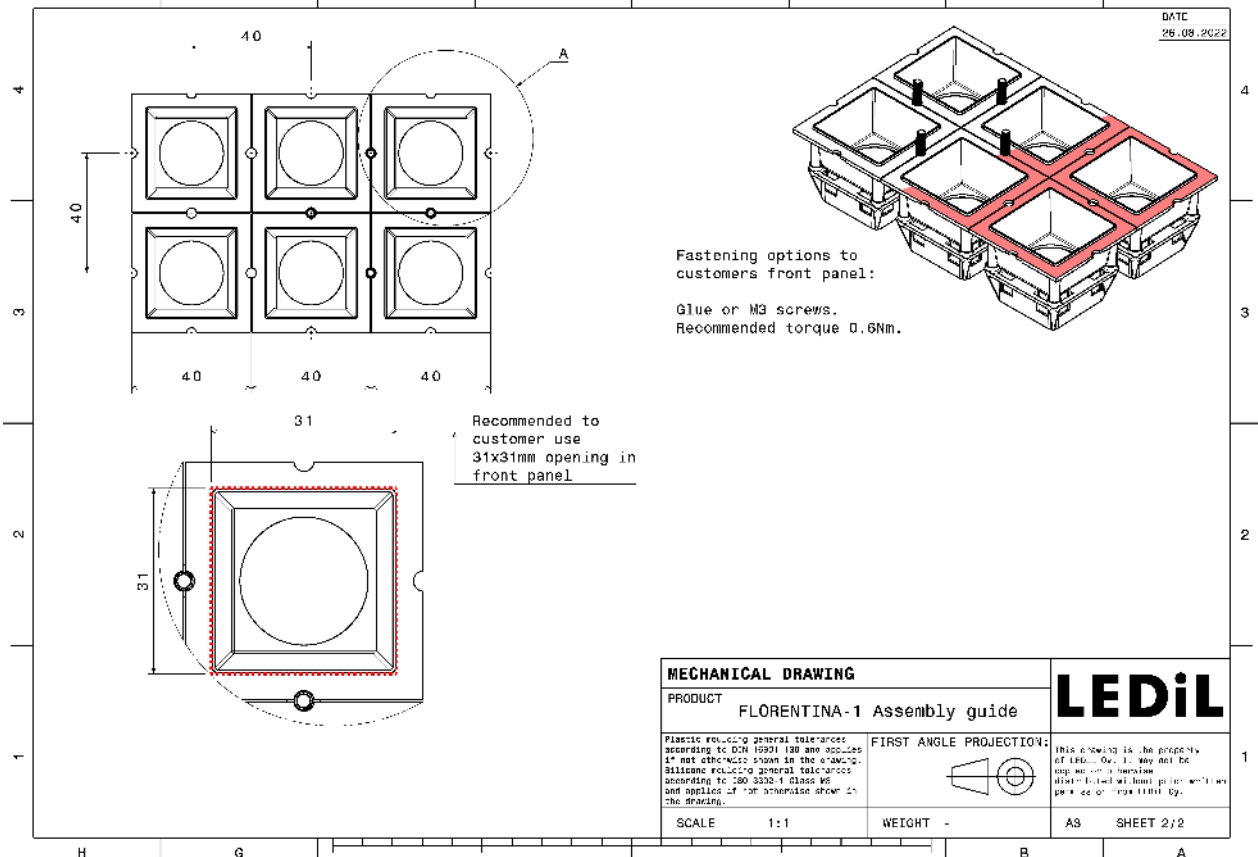
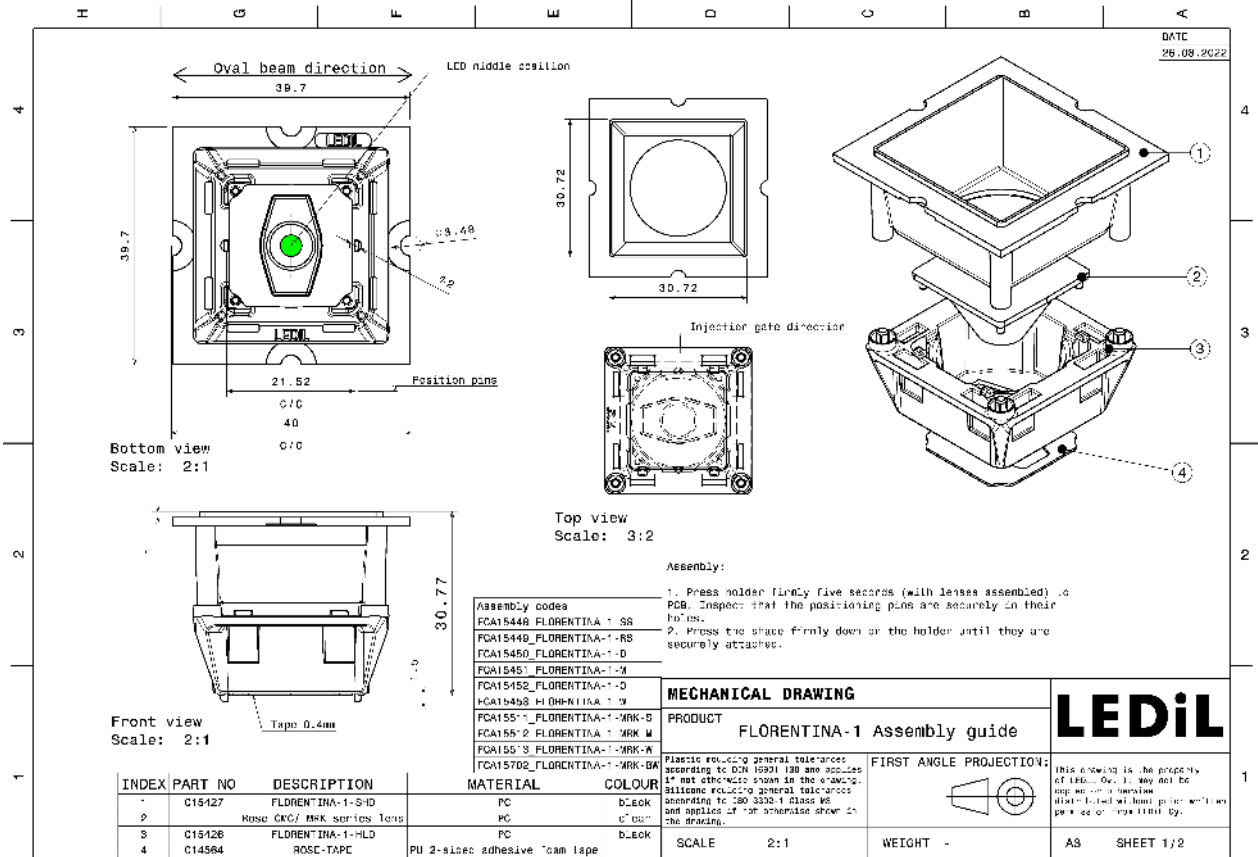
MATERIALS:

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



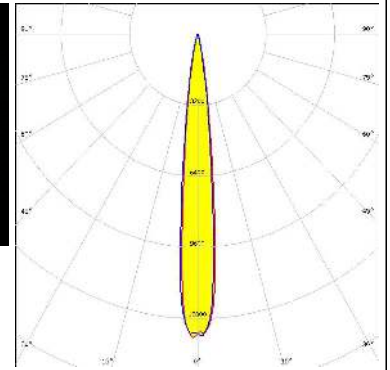


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

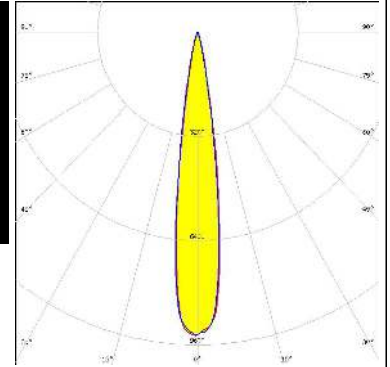
CREE LED

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



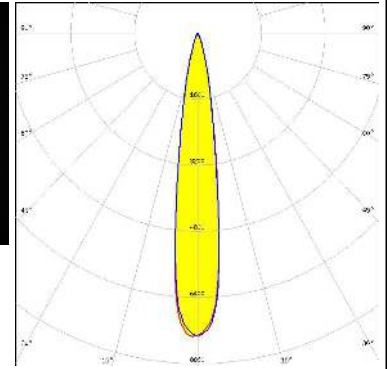
CREE LED

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



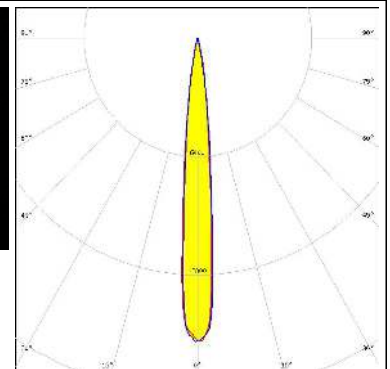
CREE LED

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

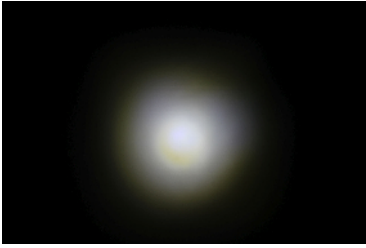
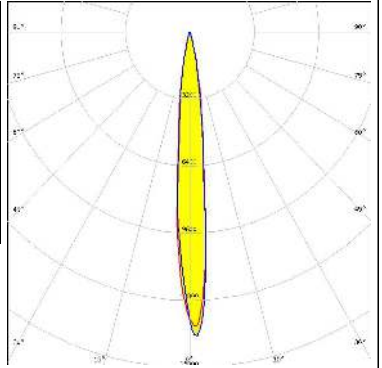
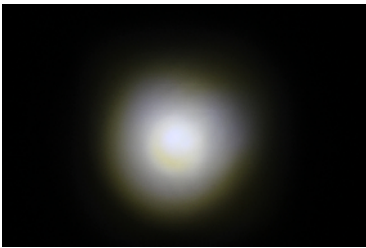
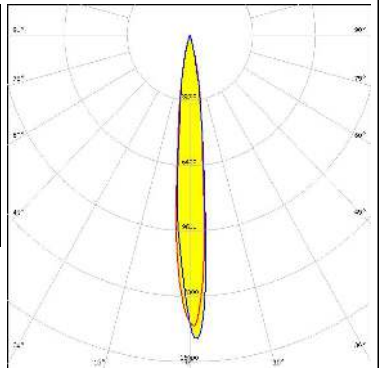
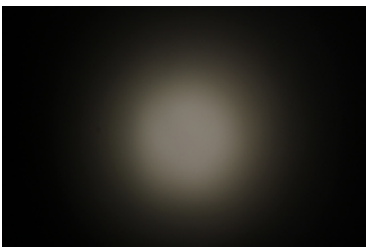
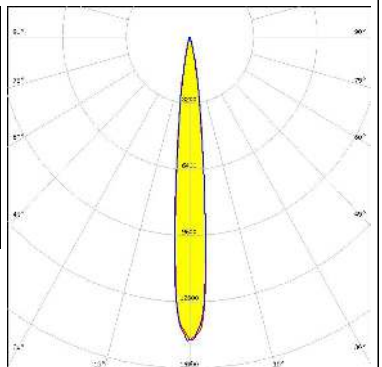

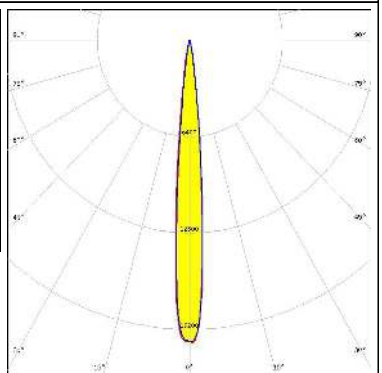


LUMILEDS

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



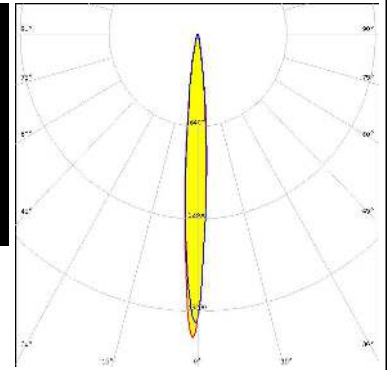
OPTICAL RESULTS (MEASURED):

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

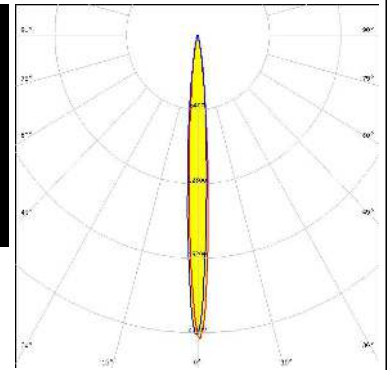
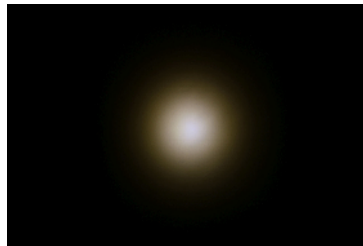
OPTICAL RESULTS (MEASURED):

SAMSUNG

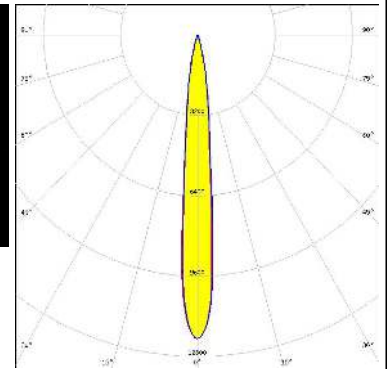
LED LM561B
 FWHM / FWTM 8.0° / 20.0°
 Efficiency 84 %
 Peak intensity 21.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:
 C15427_FLORENTINA-1-SHD-60




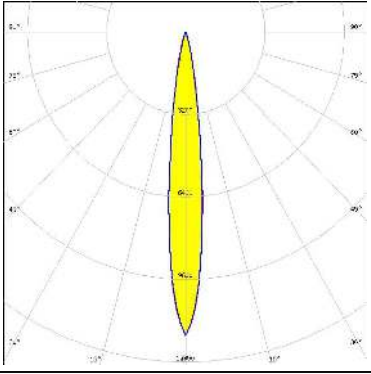

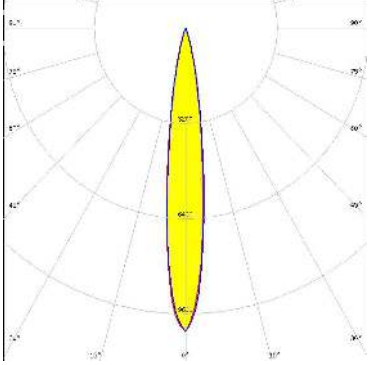
LED SEOUL 5630
 FWHM / FWTM 8.0° / 18.0°
 Efficiency 87 %
 Peak intensity 26.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



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):

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

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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