

## FLORENTINA-1-MRK-BW

~60° batwing beam compatible with ultra high power LEDs.

### SPECIFICATION:

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

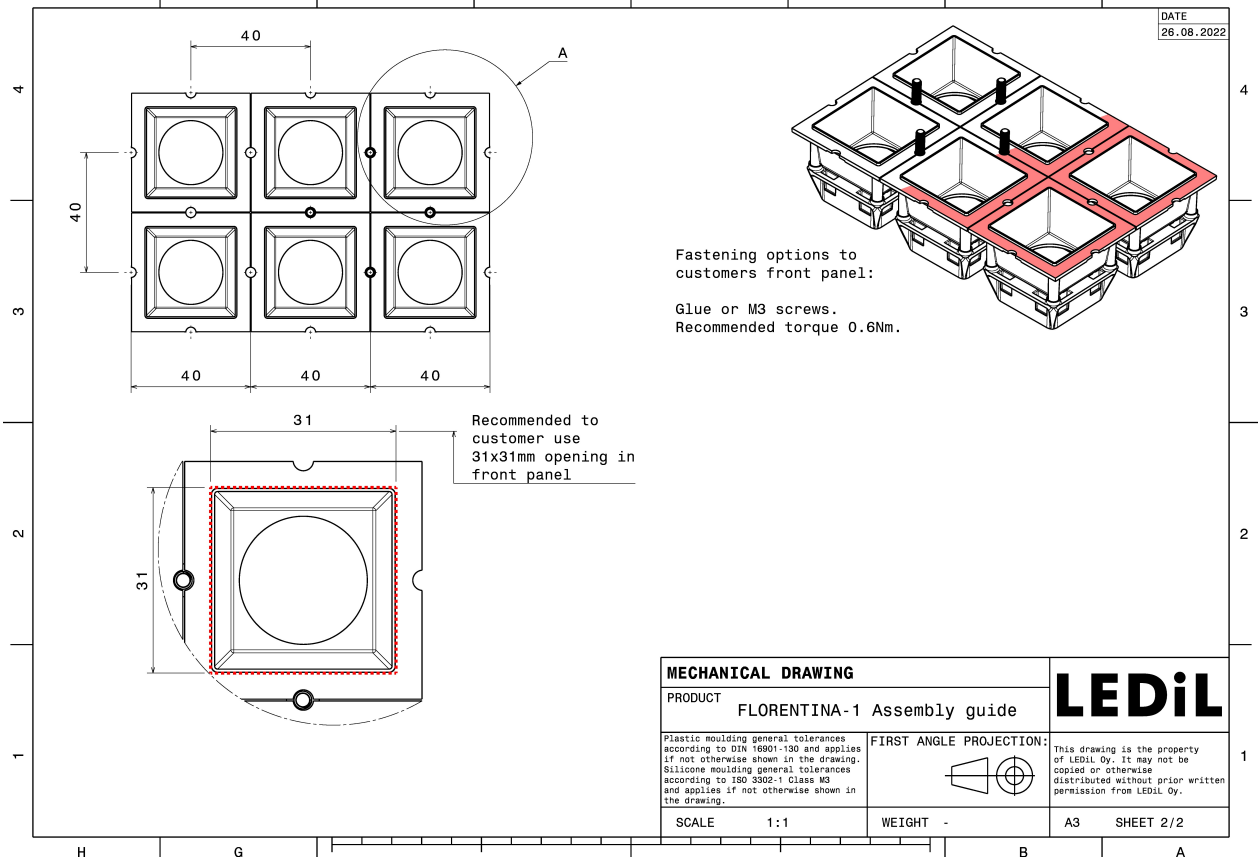
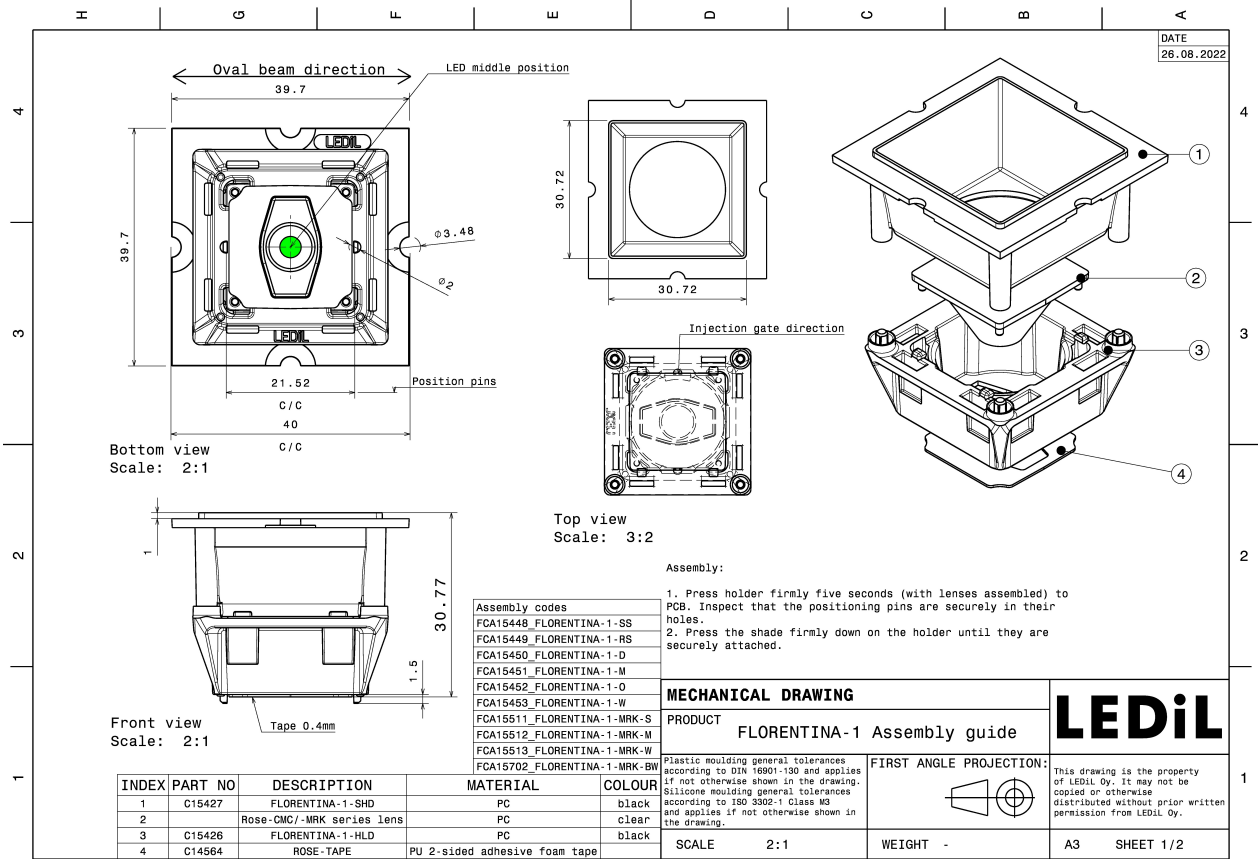


### MATERIALS:

Component	Type	Material	Colour	Finish
ROSE-MRK-BW	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)
FCA15702_FLORENTINA-1-MRK-BW	Single lens	840	60	60	7.9
» Box size: 480 x 280 x 300 mm					

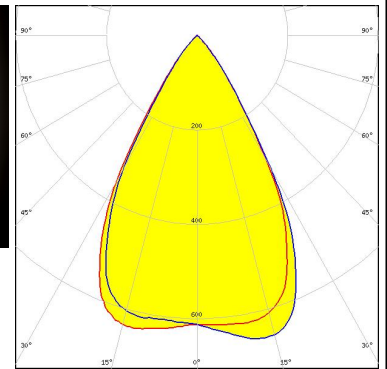
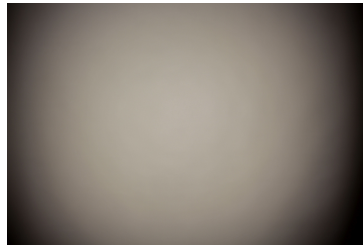


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

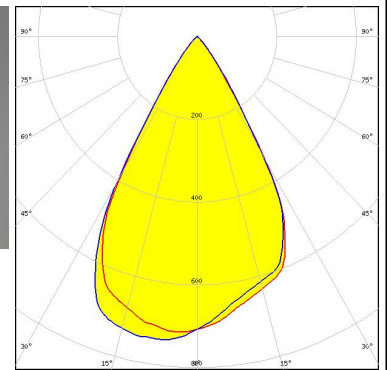
#### OPTICAL RESULTS (MEASURED):



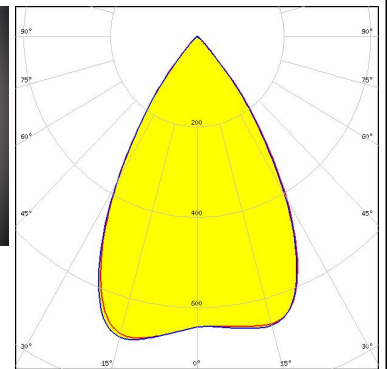
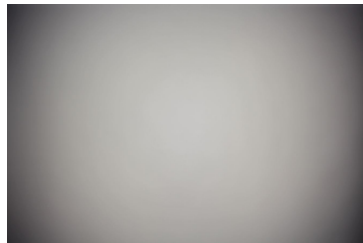
LED XHP50.2  
 FWHM / FWTM 62.0° / 81.0°  
 Efficiency 61 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



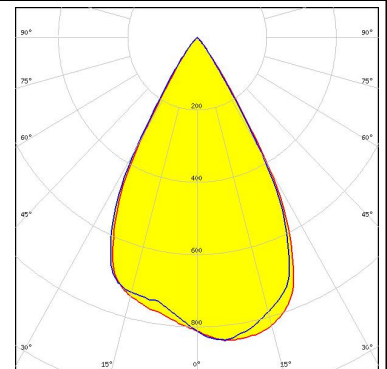
LED XP-G3  
 FWHM / FWTM 60.0° / 76.0°  
 Efficiency 64 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



LED LUXEON M/MX  
 FWHM / FWTM 64.0° / 84.0°  
 Efficiency 63 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



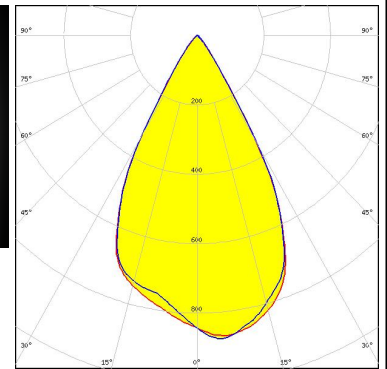
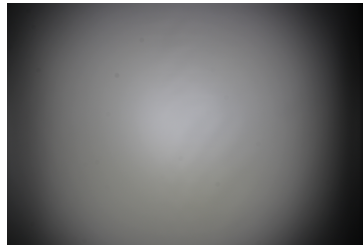
LED NF2x757G  
 FWHM / FWTM 59.0° / 74.0°  
 Efficiency 69 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



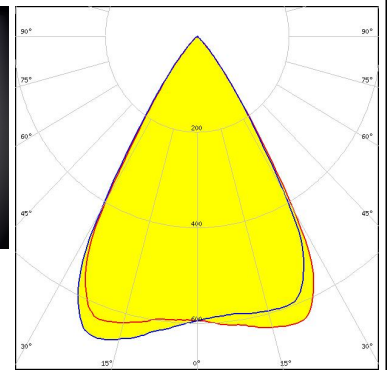
#### OPTICAL RESULTS (MEASURED):



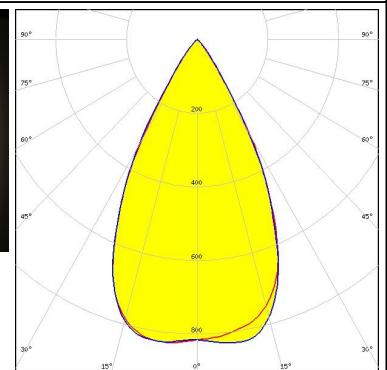
**LED** NF2x757G  
**FWHM / FWTM** 57.0° / 73.0°  
**Efficiency** 71 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C16701\_FLORENTINA-1-SHD-60-WHT



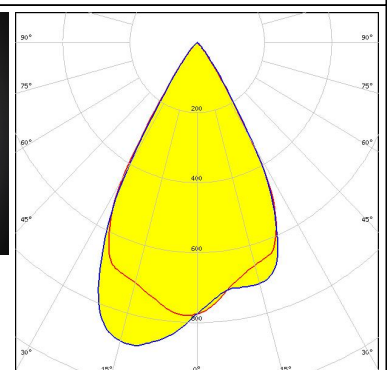
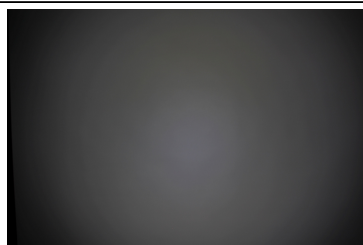
**LED** NVSW319B  
**FWHM / FWTM** 63.0° / 80.0°  
**Efficiency** 66 %  
**Peak intensity** 0.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15427\_FLORENTINA-1-SHD-60



**LED** Duris S8  
**FWHM / FWTM** 55.0° / 74.0°  
**Efficiency** 66 %  
**Peak intensity** 0.8 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15427\_FLORENTINA-1-SHD-60



**LED** LM561B  
**FWHM / FWTM** 59.0° / 74.0°  
**Efficiency** 68 %  
**Peak intensity** 0.9 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15427\_FLORENTINA-1-SHD-60



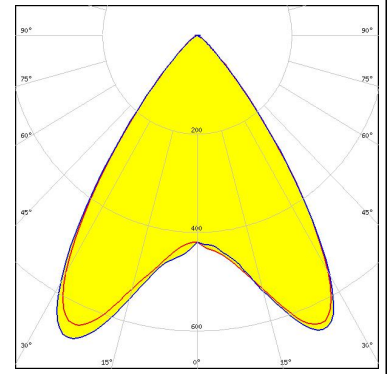
#### OPTICAL RESULTS (MEASURED):



#### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

LED	LH351B
FWHM / FWTM	72.0° / 94.0°
Efficiency	82 %
Peak intensity	0.7 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:

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