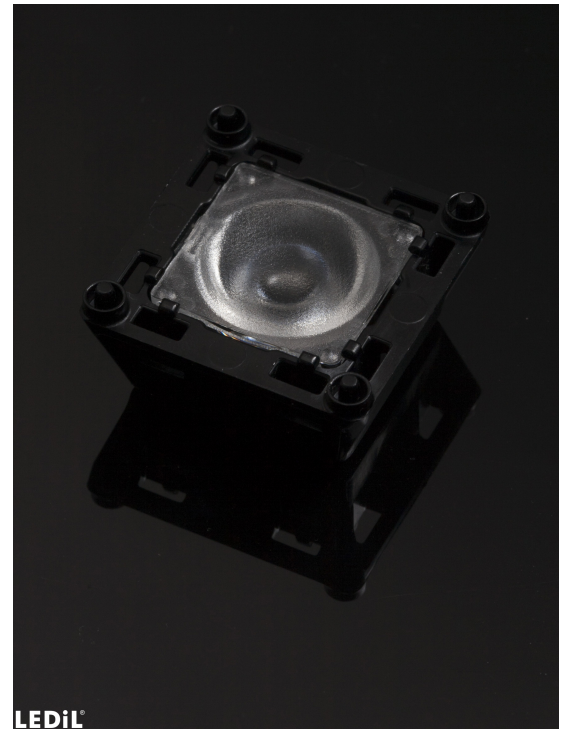


## FLORENTINA-1-MRK-W

~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 ⓘ

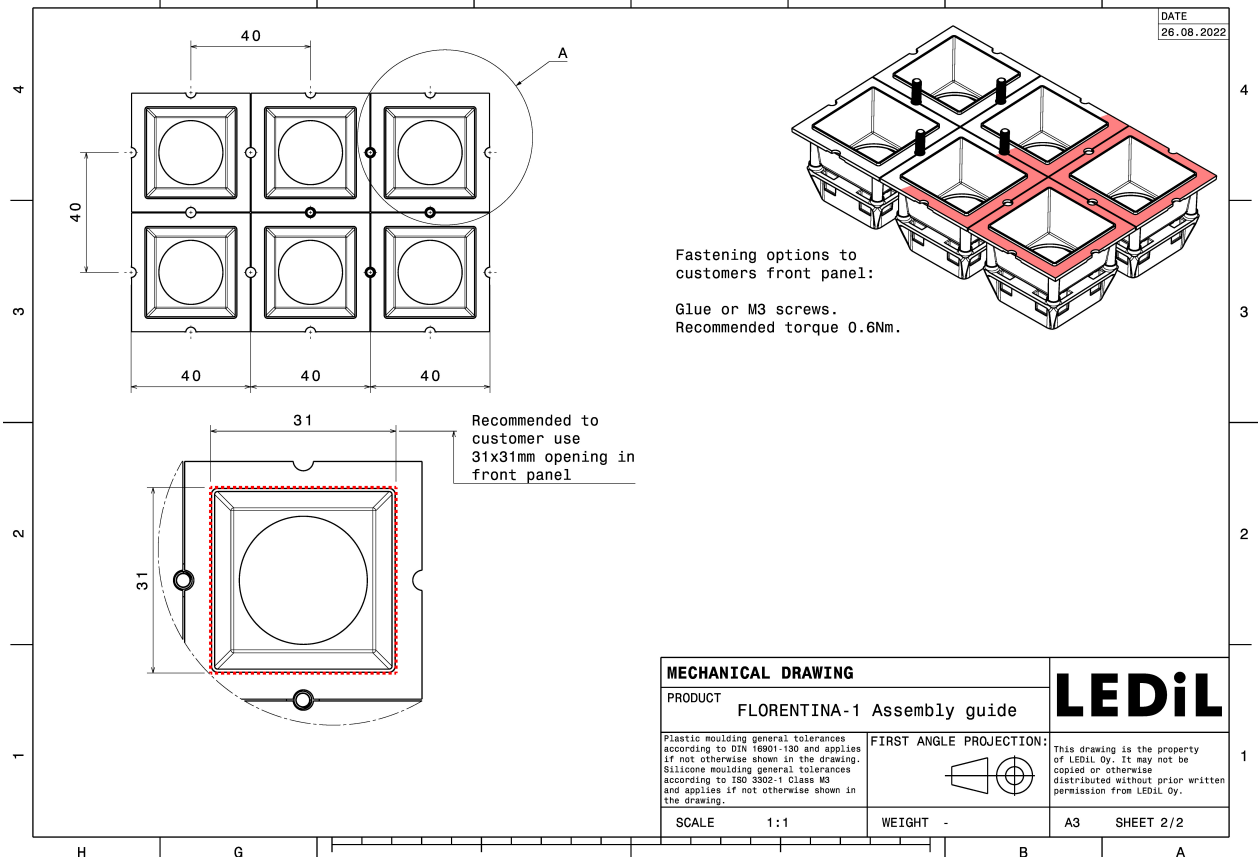
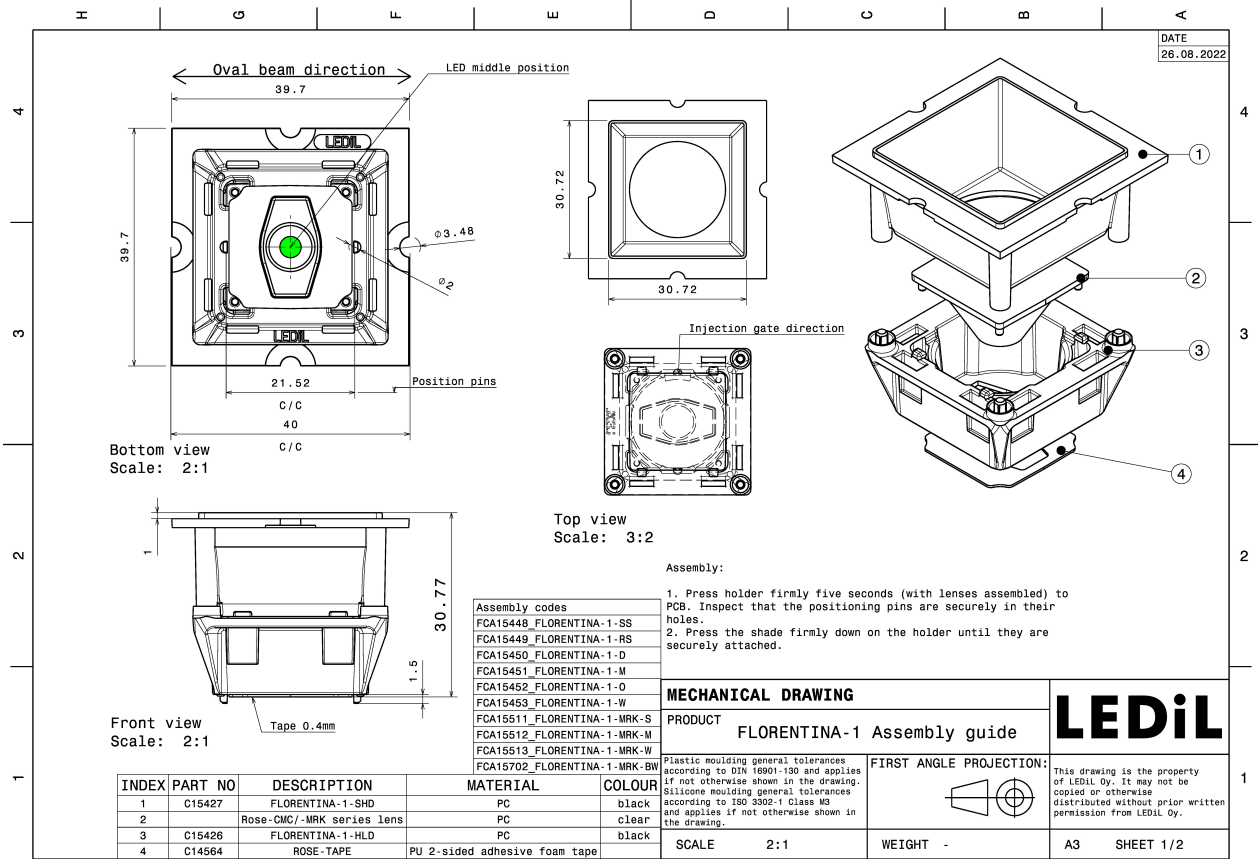


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
ROSE-MRK-W	Single lens	PC	clear		21.6
FLORENTINA-1-HLD	Holder	PC	black		32.6
ROSE-TAPE	Tape	Acrylic foam	black		21.6

### ORDERING INFORMATION:

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

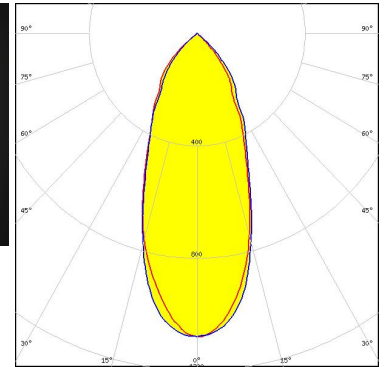
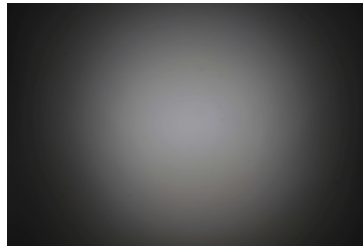


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

##### LUMILEDS

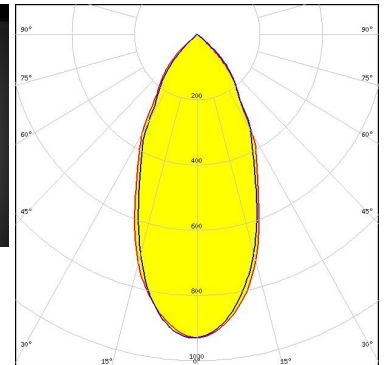
LED LUXEON 3030 2D (Round LES)  
 FWHM / FWTM 42.0° / 90.0°  
 Efficiency 76 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

##### LUMILEDS

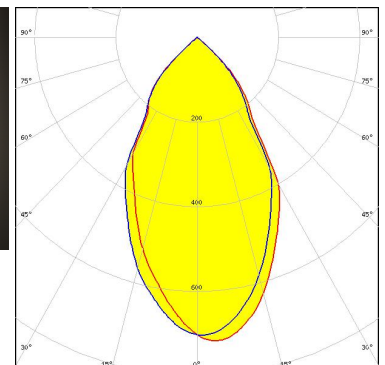
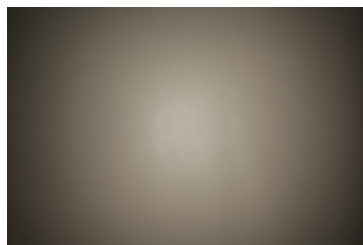
LED LUXEON 5050 Round LES  
 FWHM / FWTM 48.0° / 93.0°  
 Efficiency 74 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



Light distribution files

##### LUMILEDS

LED LUXEON M/MX  
 FWHM / FWTM 57.0° / 96.0°  
 Efficiency 70 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60

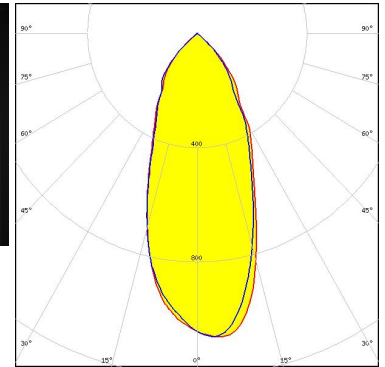
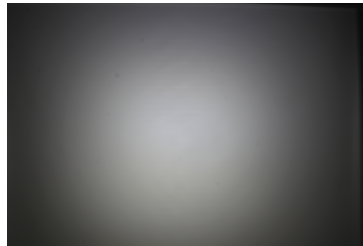


Light distribution files

#### OPTICAL RESULTS (MEASURED):



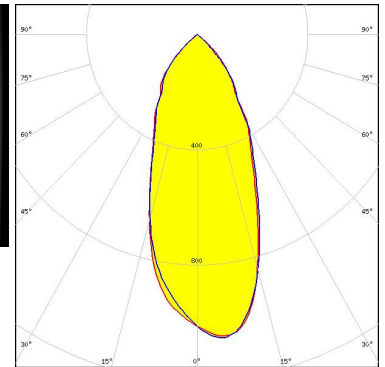
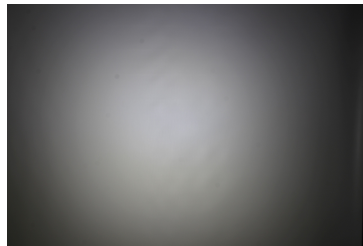
LED NF2x757G  
FWHM / FWTM 42.0° / 91.0°  
Efficiency 76 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C16701\_FLORENTINA-1-SHD-60-WHT



Light distribution files



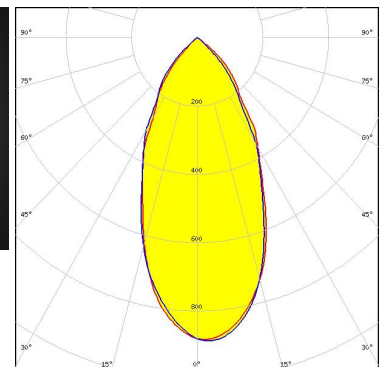
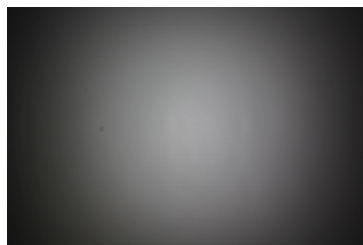
LED NF2x757G  
FWHM / FWTM 42.0° / 90.0°  
Efficiency 76 %  
Peak intensity 1.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



Light distribution files



LED NFMW48xA  
FWHM / FWTM 48.0° / 92.0°  
Efficiency 71 %  
Peak intensity 0.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C15427\_FLORENTINA-1-SHD-60

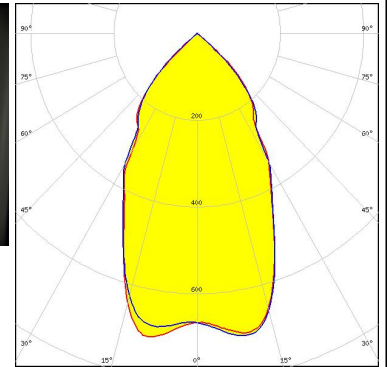


Light distribution files

#### OPTICAL RESULTS (MEASURED):



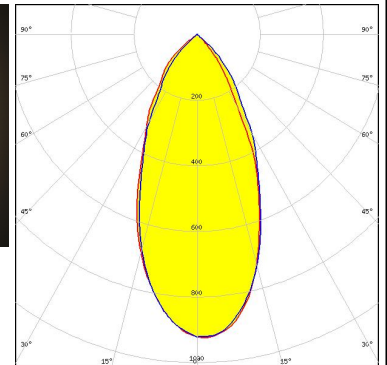
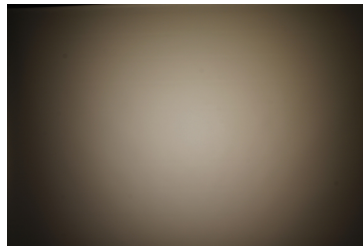
LED NVSW319B  
 FWHM / FWTM 59.0° / 96.0°  
 Efficiency 73 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



Light distribution files



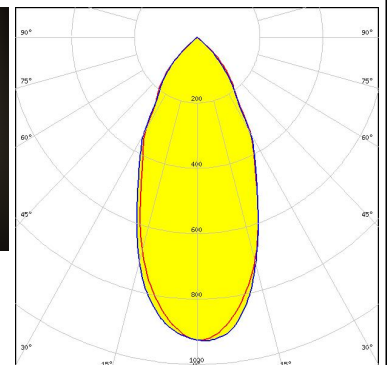
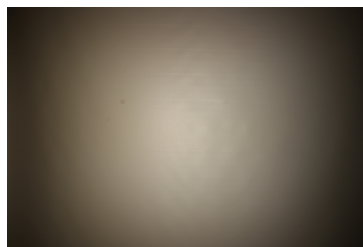
LED Duris S10  
 FWHM / FWTM 47.0° / 90.0°  
 Efficiency 71 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



Light distribution files



LED Duris S8  
 FWHM / FWTM 47.0° / 92.0°  
 Efficiency 73 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60

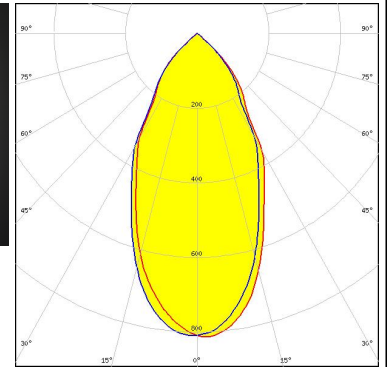


Light distribution files

#### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

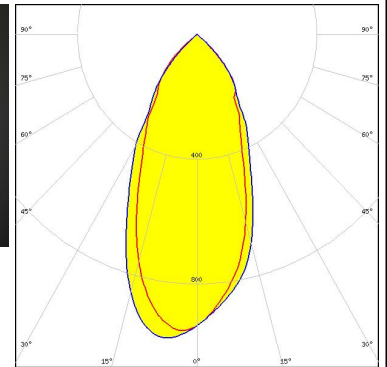
LED OSCONIQ P 7070  
FWHM / FWTM 52.0° / 95.0°  
Efficiency 70 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



Light distribution files

**SAMSUNG**

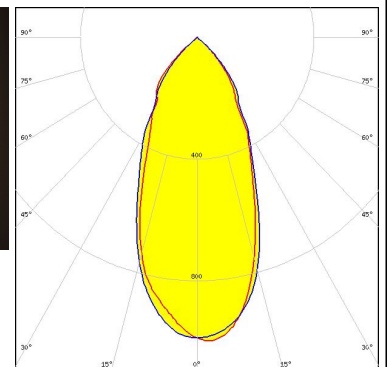
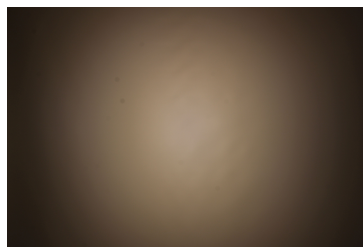
LED LM561B  
FWHM / FWTM 46.0° / 92.0°  
Efficiency 75 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



Light distribution files

**SEUL**  
SEOUL SEMICONDUCTOR

LED SEOUL 5630  
FWHM / FWTM 46.0° / 92.0°  
Efficiency 77 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



Light distribution files

#### 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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