

## FLORENTINA-1-MRK-S

~25° spot beam. Compatible with ultra high power LEDs.

### TECHNICAL SPECIFICATIONS:

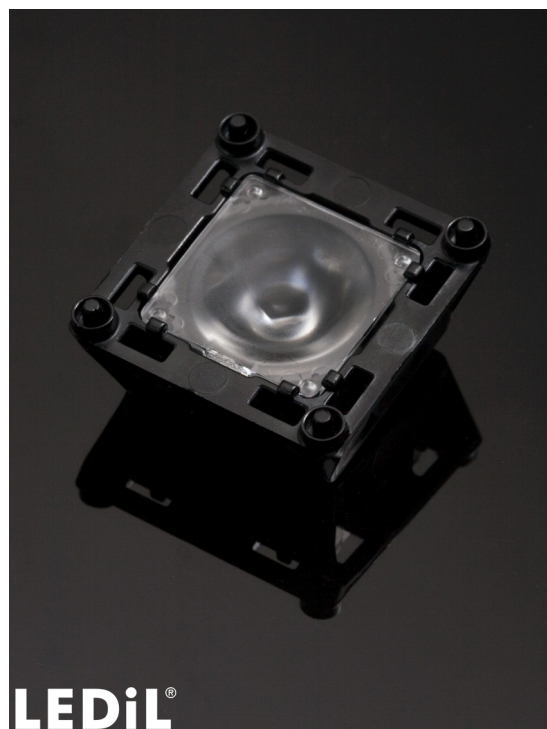
|                |         |
|----------------|---------|
| Dimensions     | 39.7 mm |
| Height         | 13 mm   |
| Fastening      | pin     |
| ROHS compliant | yes ⓘ   |

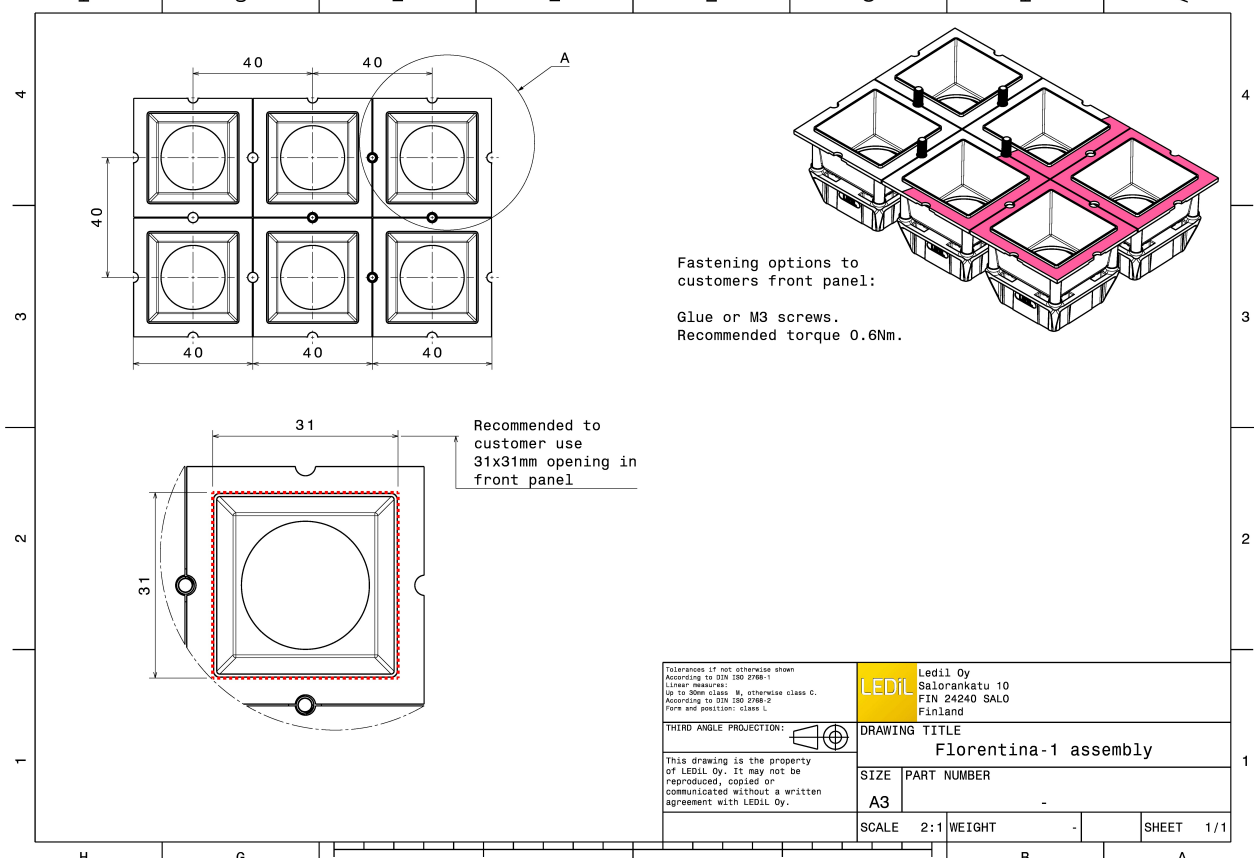
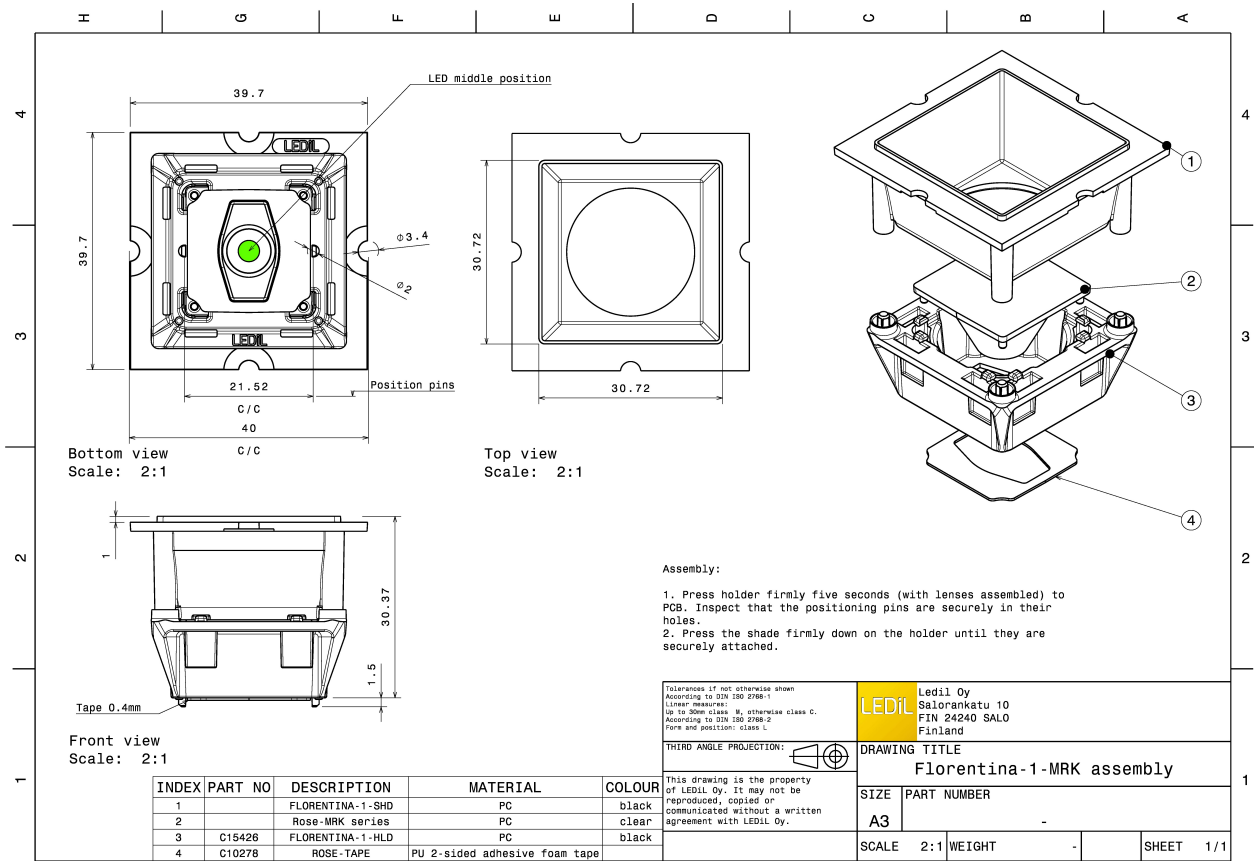
### MATERIAL SPECIFICATIONS:

| Component        | Type        | Material | Colour | Finish |
|------------------|-------------|----------|--------|--------|
| ROSE-MRK-S       | Single lens | PC       | clear  |        |
| FLORENTINA-1-HLD | Holder      | PC       | black  |        |
| ROSE-TAPE        | Tape        | PU tape  | black  |        |

### ORDERING INFORMATION:

| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| FCA15511_FLORENTINA-1-MRK-S    | Single lens | 840        |     | 60  | 7.4             |
| » Box size: 480 x 280 x 300 mm |             |            |     |     |                 |

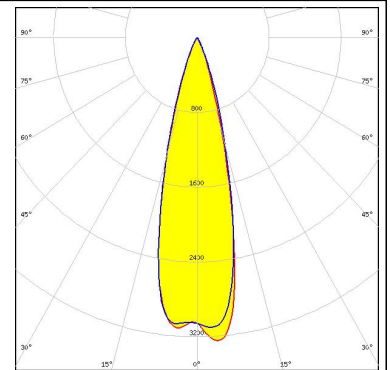
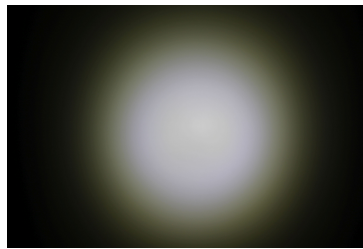




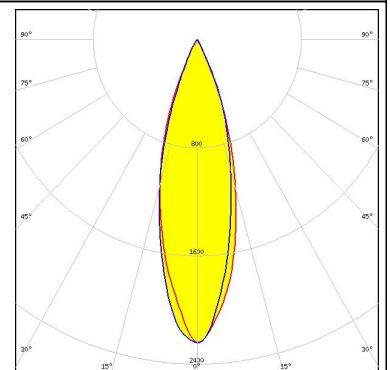
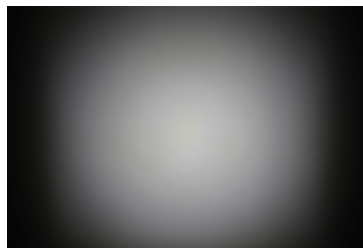
#### PHOTOMETRIC DATA (MEASURED):



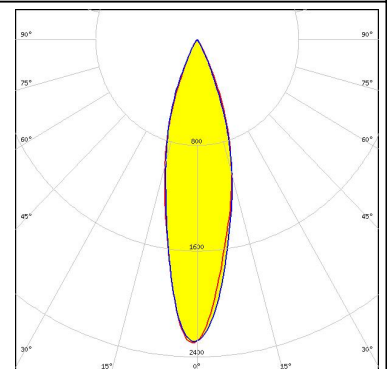
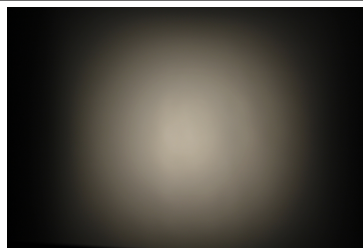
LED LG 5630  
FWHM 27.0°  
Efficiency 74 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



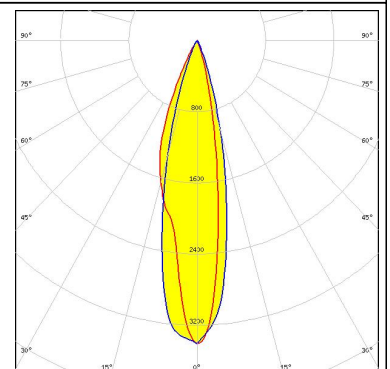
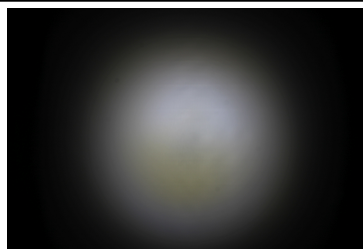
LED LUXEON 5050 Round LES  
FWHM 30.0°  
Efficiency 66 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



LED LUXEON M/MX  
FWHM 27.0°  
Efficiency 68 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



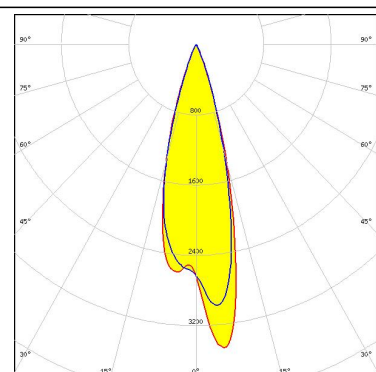
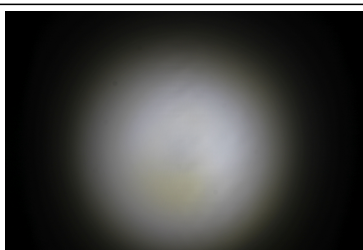
LED NF2x757G  
FWHM 26.0°  
Efficiency 72 %  
Peak intensity 3.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C16701\_FLORENTINA-1-SHD-60-WHT



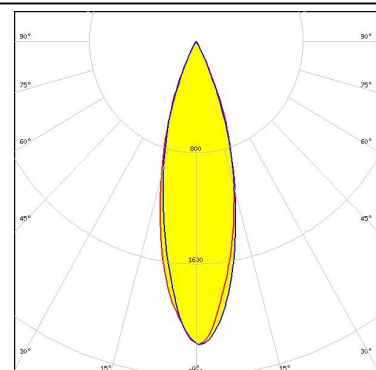
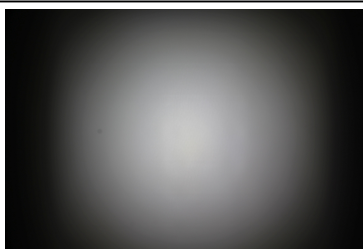
#### PHOTOMETRIC DATA (MEASURED):



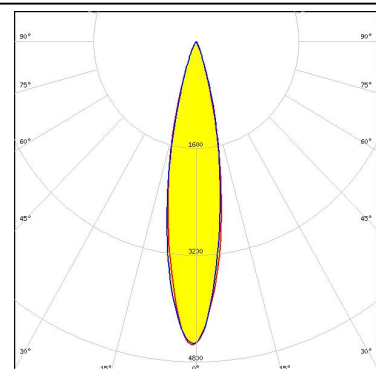
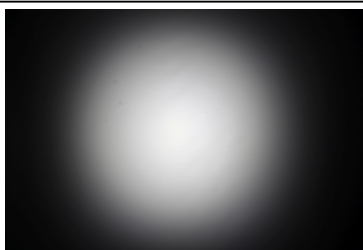
LED NF2x757G  
FWHM 27.0°  
Efficiency 73 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



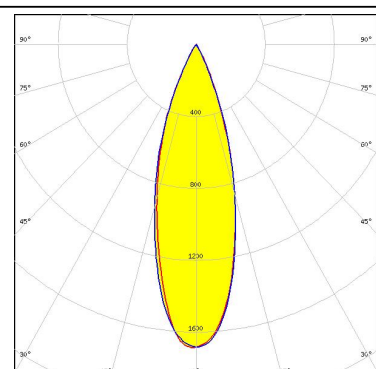
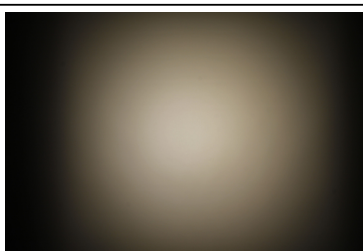
LED NFMW48xA  
FWHM 29.0°  
Efficiency 64 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



LED NVSW319B  
FWHM 21.0°  
Efficiency 75 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



LED Duris S10  
FWHM 31.0°  
Efficiency 56 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60

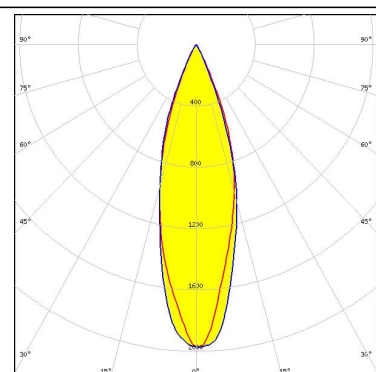
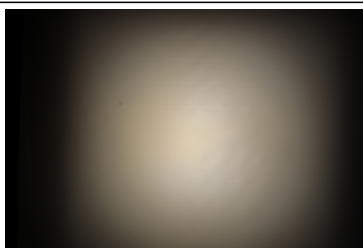




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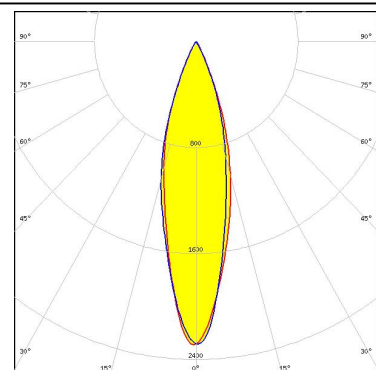
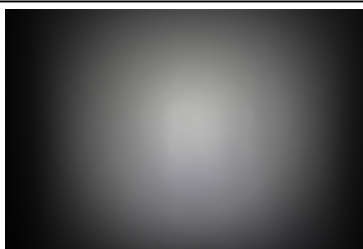
**OSRAM**  
Opto Semiconductors

LED Duris S8  
FWHM 31.0°  
Efficiency 62 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



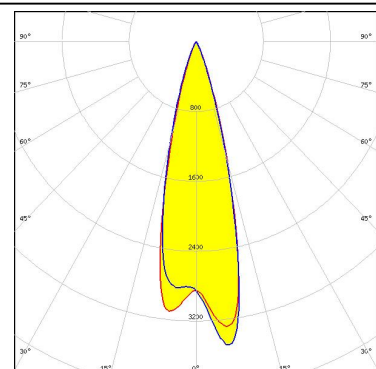
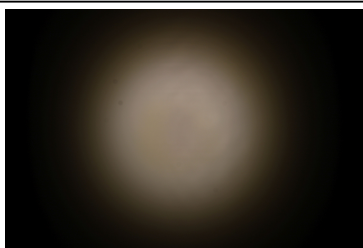
**OSRAM**  
Opto Semiconductors

LED OSCONIQ P 7070  
FWHM 26.0°  
Efficiency 64 %  
Peak intensity 2.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



**SEOUL**  
SEMICONDUCTOR

LED SEOUL 5630  
FWHM 27.0°  
Efficiency 75 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:  
C15427\_FLORENTINA-1-SHD-60



#### 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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