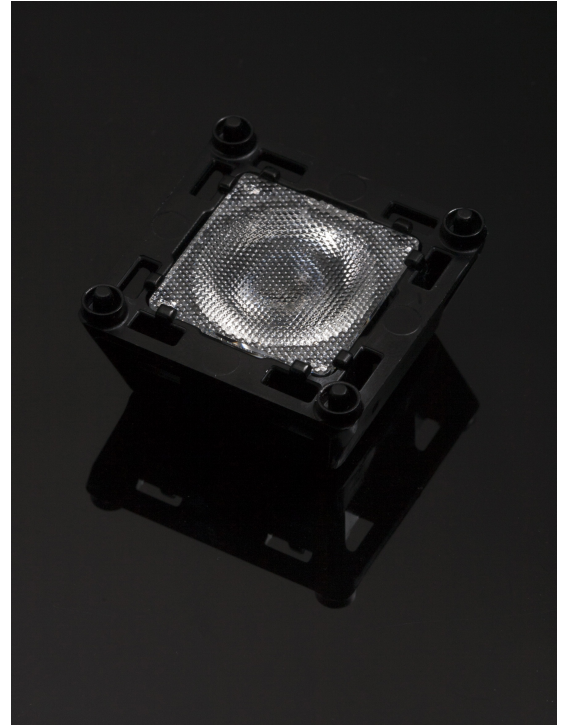


## FLORENTINA-1-MRK-M

~40° medium beam. Compatible with ultra high power LEDs.

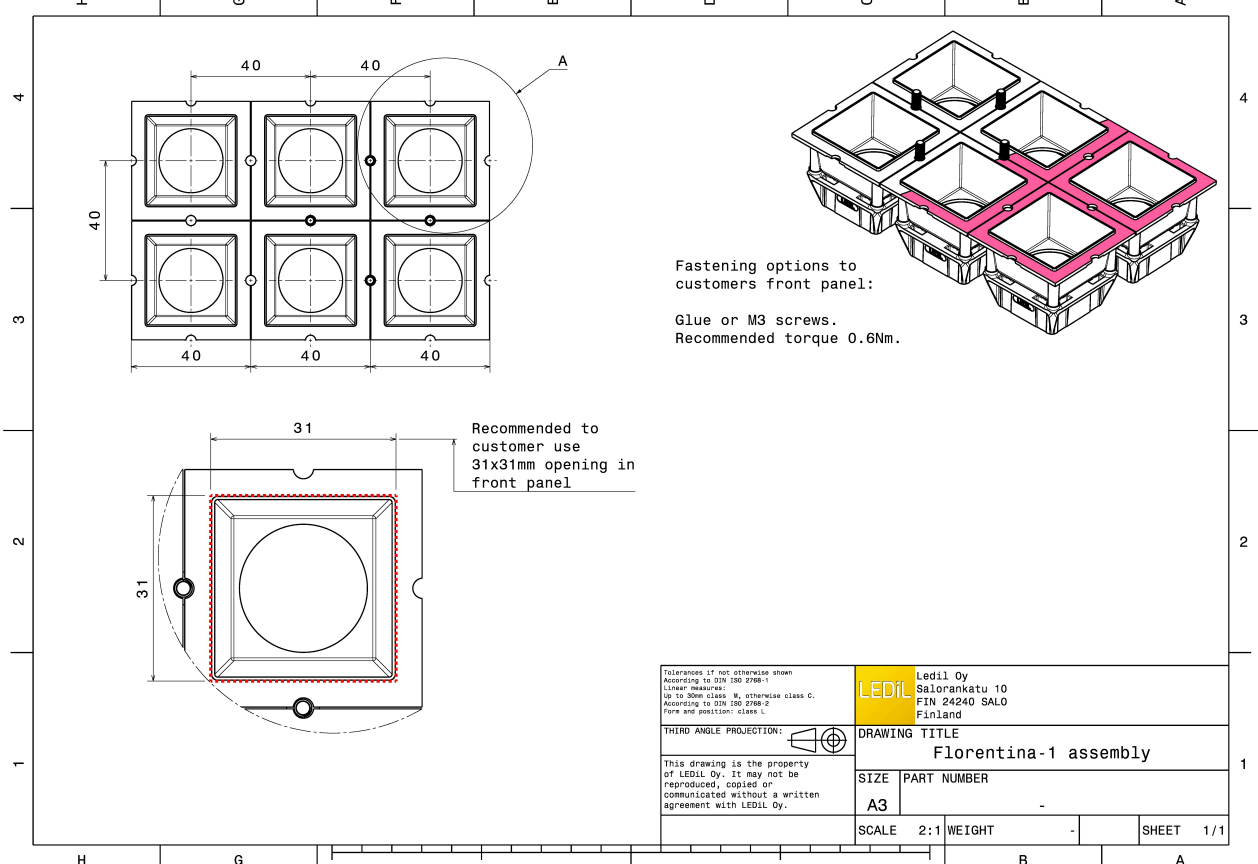
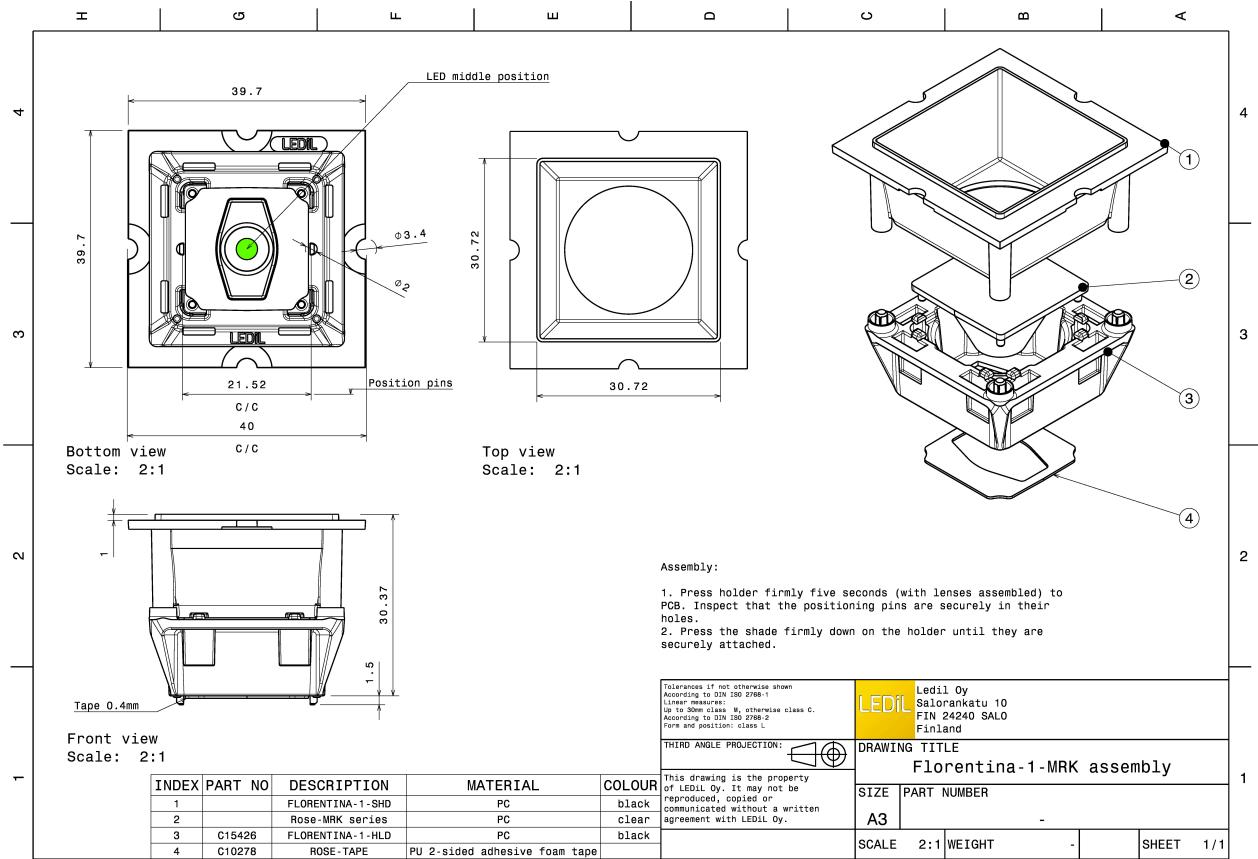
### TECHNICAL SPECIFICATIONS:

Dimensions	39.7 mm
Height	13 mm
Fastening	pin
Colour	black
Box size	480 x 280 x 300 mm
Box weight	7.7 kg
Quantity in Box	840 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

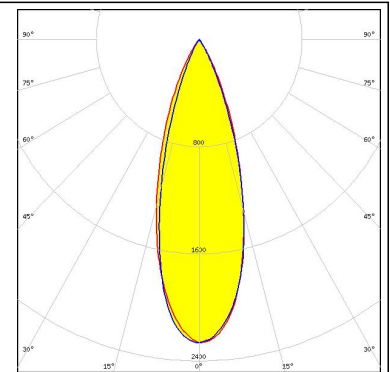
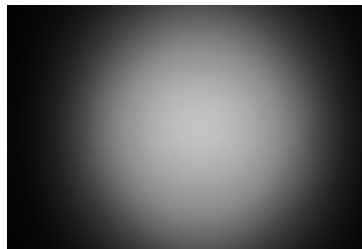
Component	Type	Material	Colour
ROSE-MRK-M	Single lens	PC	clear
FLORENTINA-1-HLD	Holder	PC	black
ROSE-TAPE	Tape	PU tape	black



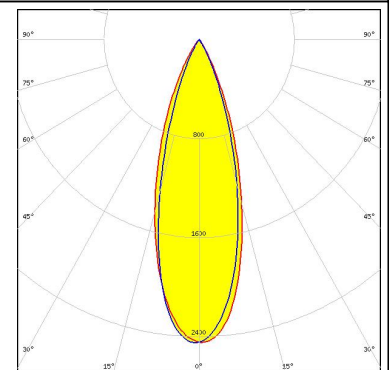
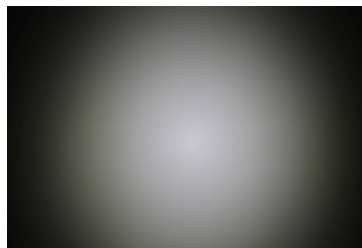
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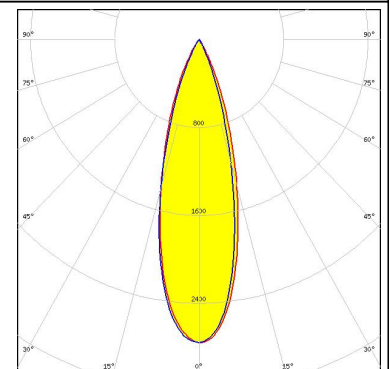
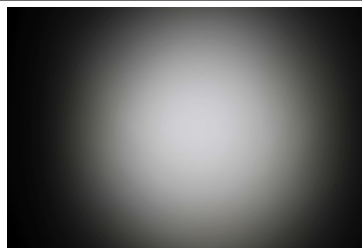
**LED** XHP35 HI  
**FWHM** 33.0°  
**Efficiency** 77 %  
**Peak intensity** 2.300 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15427\_FLORENTINA-1-SHD-60



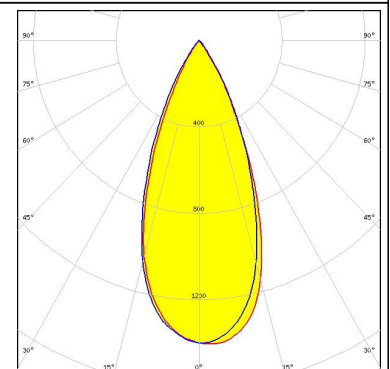
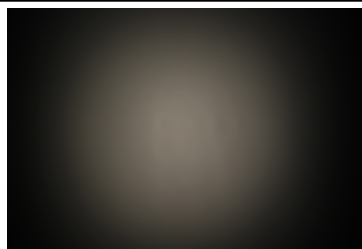
**LED** LG 5630  
**FWHM** 32.0°  
**Efficiency** 81 %  
**Peak intensity** 2.500 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15427\_FLORENTINA-1-SHD-60



**LED** LUXEON 3030 2D (Round LES)  
**FWHM** 29.0°  
**Efficiency** 79 %  
**Peak intensity** 2.800 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



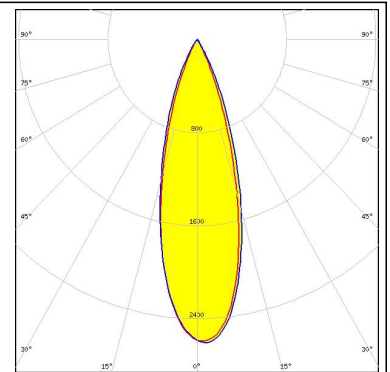
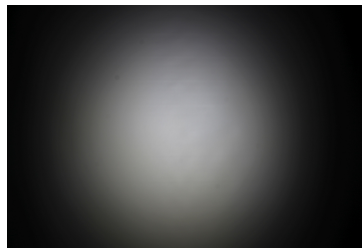
**LED** LUXEON M/MX  
**FWHM** 42.0°  
**Efficiency** 75 %  
**Peak intensity** 1.400 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15427\_FLORENTINA-1-SHD-60



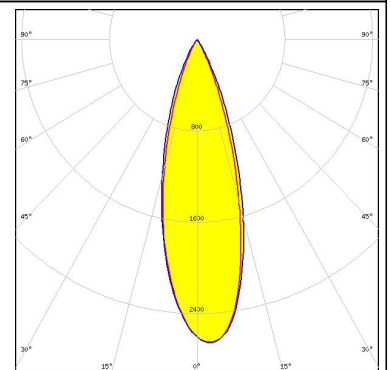
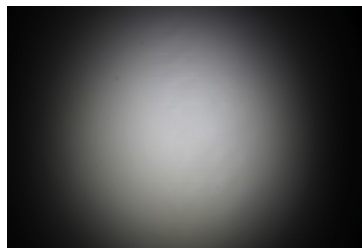
#### PHOTOMETRIC DATA (MEASURED):



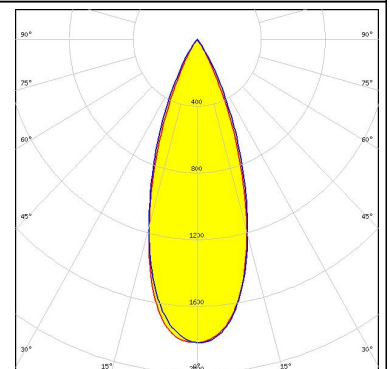
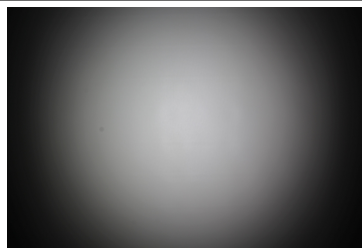
**LED** NF2x757G  
**FWHM** 31.0°  
**Efficiency** 80 %  
**Peak intensity** 2.600 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C16701\_FLORENTINA-1-SHD-60-WHT



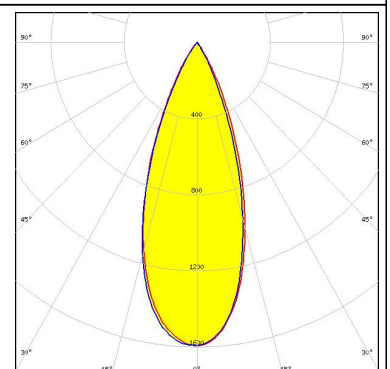
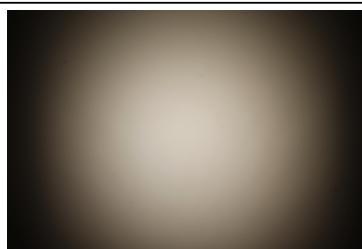
**LED** NF2x757G  
**FWHM** 30.0°  
**Efficiency** 81 %  
**Peak intensity** 2.700 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15427\_FLORENTINA-1-SHD-60



**LED** NFMW48xA  
**FWHM** 37.0°  
**Efficiency** 75 %  
**Peak intensity** 1.800 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15427\_FLORENTINA-1-SHD-60



**LED** Duris S10  
**FWHM** 38.0°  
**Efficiency** 70 %  
**Peak intensity** 1.600 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**  
 C15427\_FLORENTINA-1-SHD-60

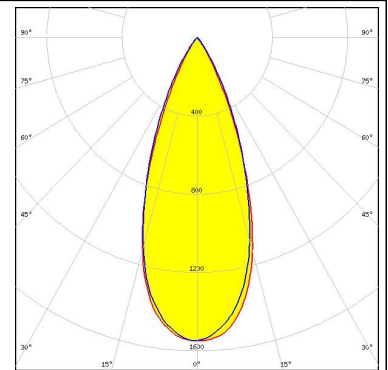
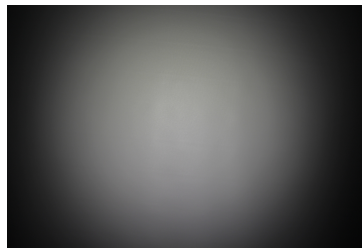


#### PHOTOMETRIC DATA (MEASURED):

#### OSRAM

Opto Semiconductors

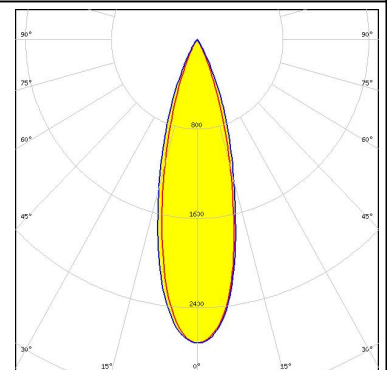
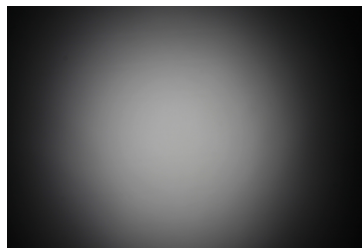
LED OSCONIQ P 7070  
 FWHM 40.0°  
 Efficiency 74 %  
 Peak intensity 1.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



#### OSRAM

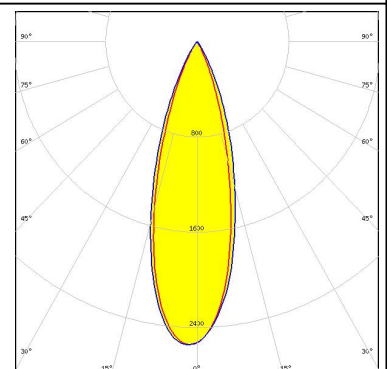
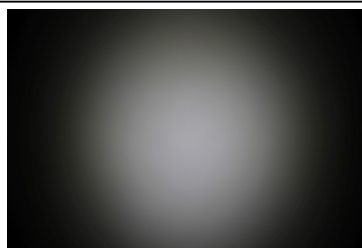
Opto Semiconductors

LED OSOLON SSL 150  
 FWHM 27.0°  
 Efficiency 76 %  
 Peak intensity 2.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



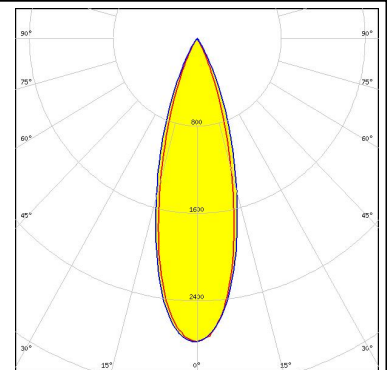
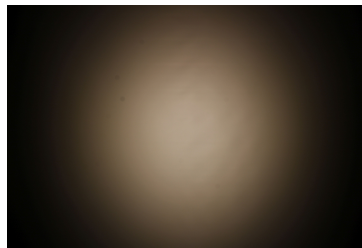
#### SAMSUNG

LED LM561B  
 FWHM 31.0°  
 Efficiency 80 %  
 Peak intensity 2.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:  
 C15427\_FLORENTINA-1-SHD-60



SEOUL SEMICONDUCTOR

LED SEOUL 5630  
 FWHM 30.0°  
 Efficiency 83 %  
 Peak intensity 2.800 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.

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