

## LARISA-W-CLIP16

~50° wide beam. Clip fastening for 1.6 mm thick PCB

### TECHNICAL SPECIFICATIONS:

Dimensions	9.9 mm
Height	7.5 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

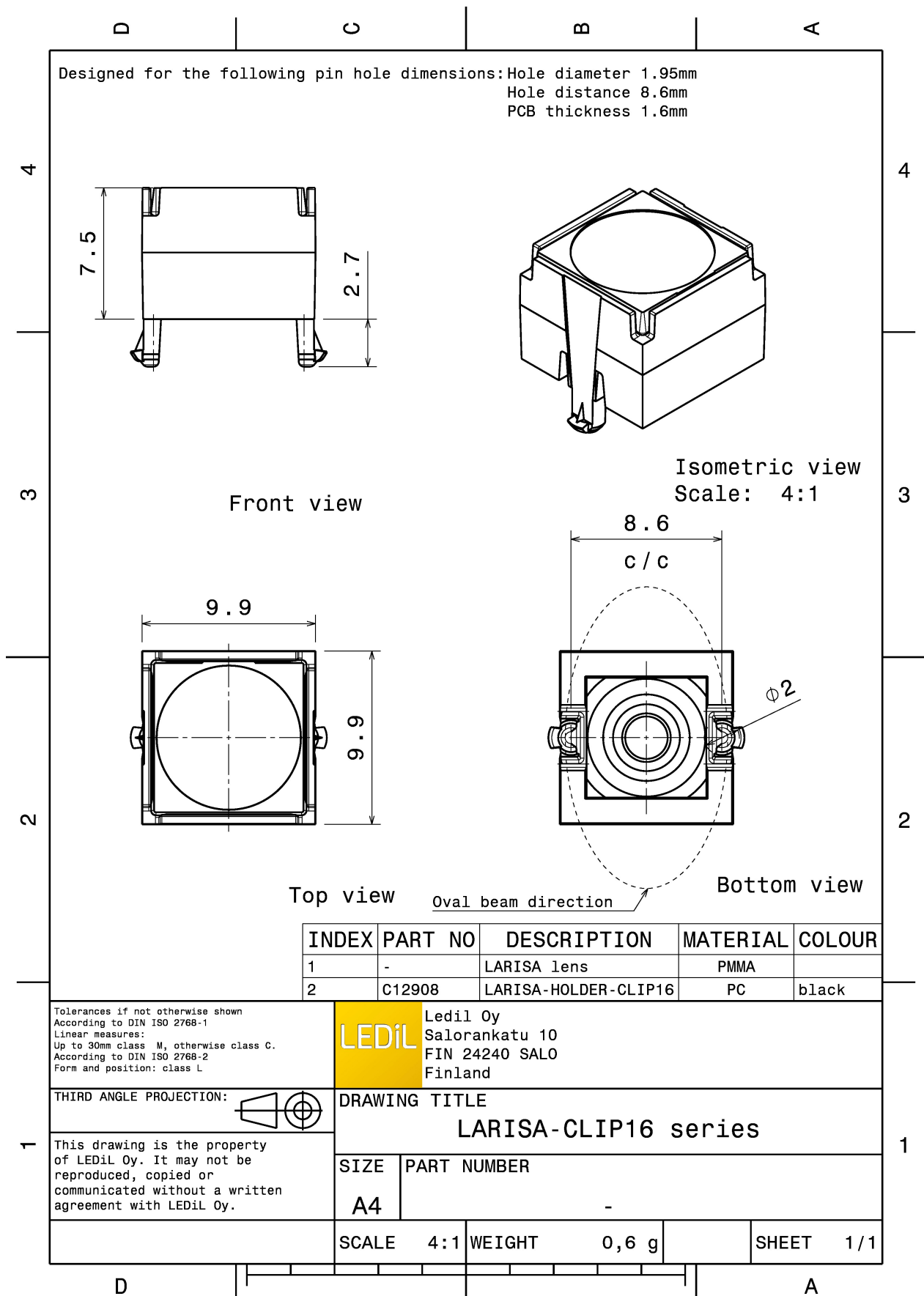
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LARISA-W	Single lens	PMMA		
LARISA-HOLDER-CLIP16	Holder	PC		

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12945_LARISA-W-CLIP16	Single lens	10000	300	100	6.6
» Box size: 300 x 250 x 250 mm					

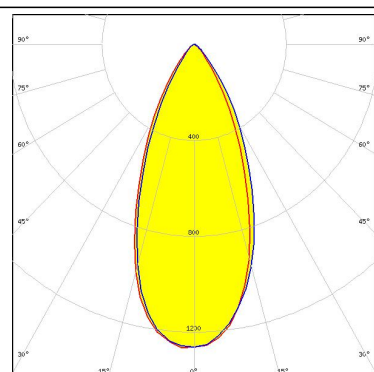
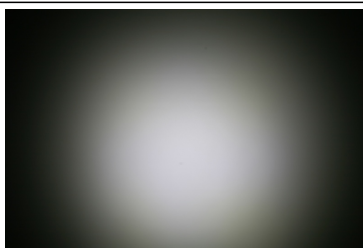




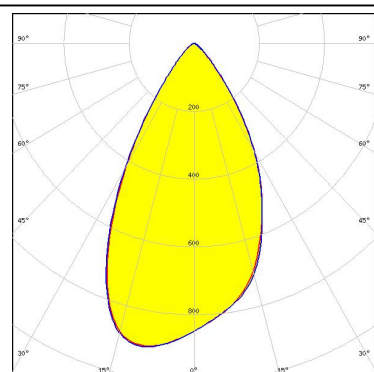
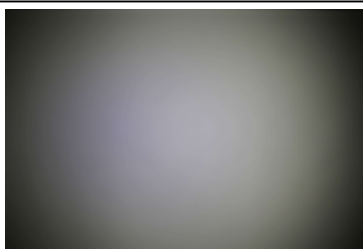
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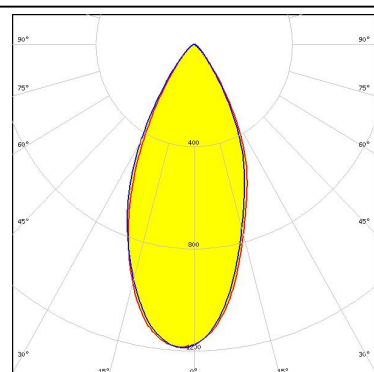
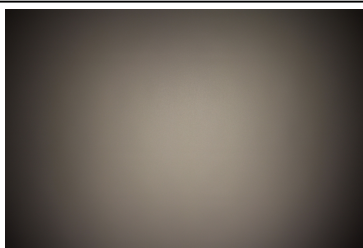
LED XB-D  
FWHM 45.0°  
Efficiency 84 %  
Peak intensity 1.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



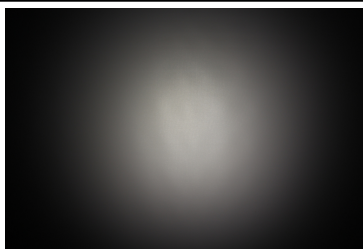
LED XD16  
FWHM 56.0°  
Efficiency 80 %  
Peak intensity 0.930 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XQ-E HD  
FWHM 46.0°  
Efficiency 84 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



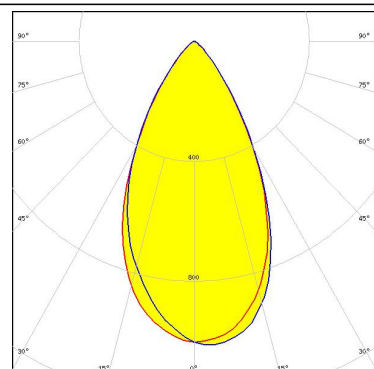
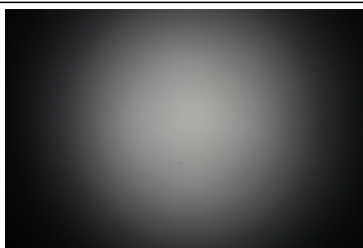
LED XQ-E HI  
FWHM 36.0°  
Efficiency 79 %  
Peak intensity 1.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



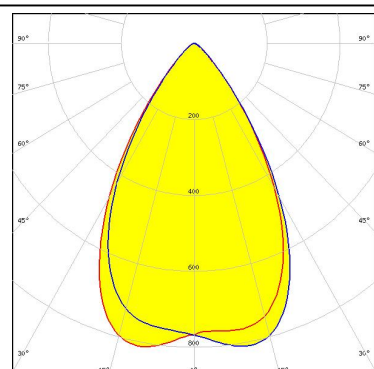
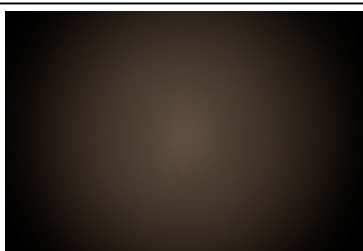
#### PHOTOMETRIC DATA (MEASURED):



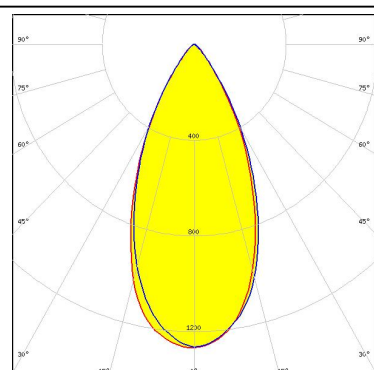
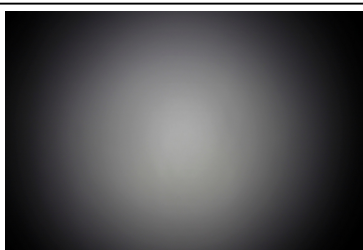
LED H35C0 (LEMWA33)  
 FWHM 55.0°  
 Efficiency 82 %  
 Peak intensity 1.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



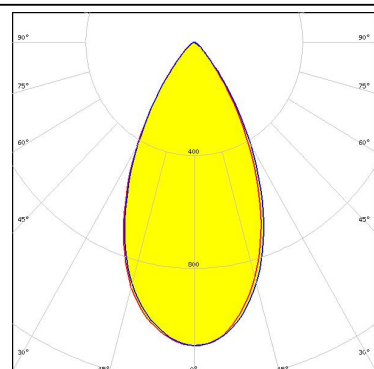
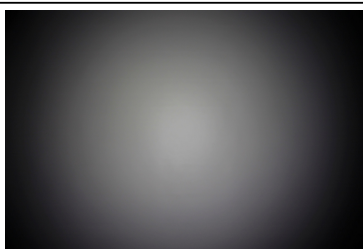
LED LUXEON A  
 FWHM 63.0°  
 Efficiency 86 %  
 Peak intensity 0.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Rebel  
 FWHM 47.0°  
 Efficiency 88 %  
 Peak intensity 1.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



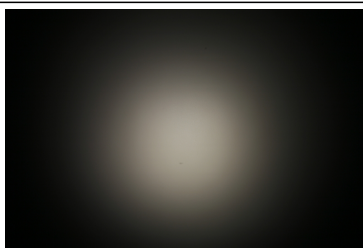
LED LUXEON Rebel ES  
 FWHM 52.0°  
 Efficiency 87 %  
 Peak intensity 1.100 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



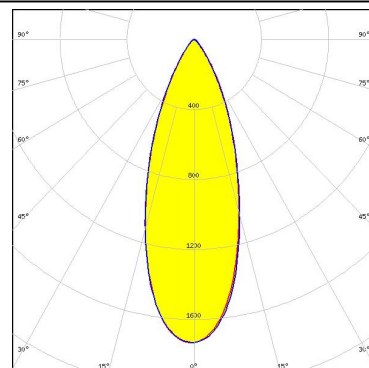
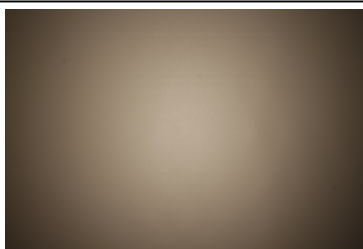
#### PHOTOMETRIC DATA (MEASURED):



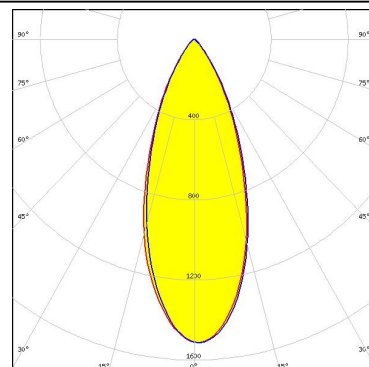
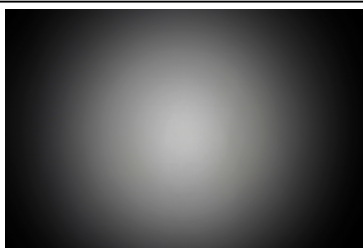
LED LUXEON Z  
FWHM 32.0°  
Efficiency 85 %  
Peak intensity 2.090 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



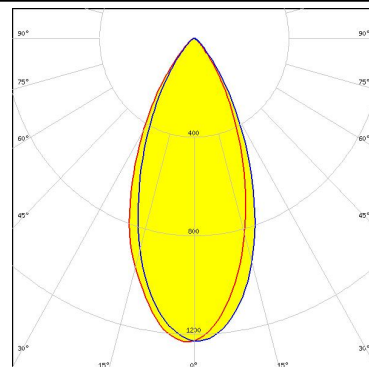
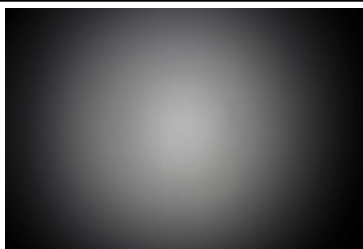
LED LUXEON Z ES  
FWHM 37.0°  
Efficiency 88 %  
Peak intensity 1.740 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NCSxx19A  
FWHM 39.0°  
Efficiency 85 %  
Peak intensity 1.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



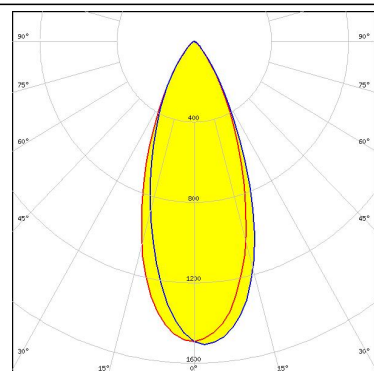
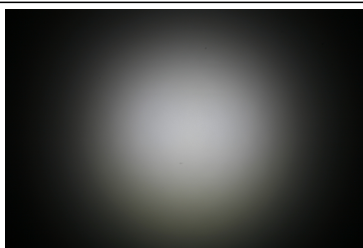
LED NVSxx19A  
FWHM 45.0°  
Efficiency 84 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

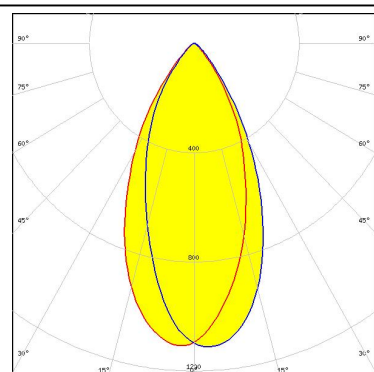
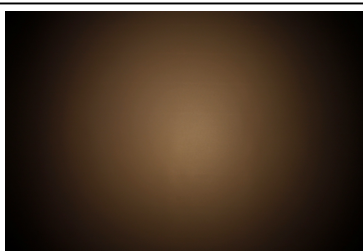
**OSRAM**  
Opto Semiconductors

LED Duris S5 (2 chip)  
FWHM 41.0°  
Efficiency 85 %  
Peak intensity 1.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



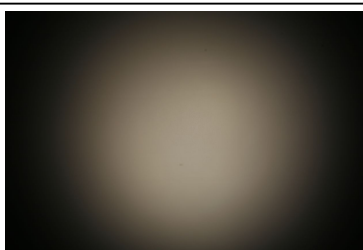
**OSRAM**  
Opto Semiconductors

LED OSLO Square EC  
FWHM 46.0°  
Efficiency 82 %  
Peak intensity 1.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



**OSRAM**  
Opto Semiconductors

LED OSLO SSL 150  
FWHM 55.0°  
Efficiency 86 %  
Peak intensity 1.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

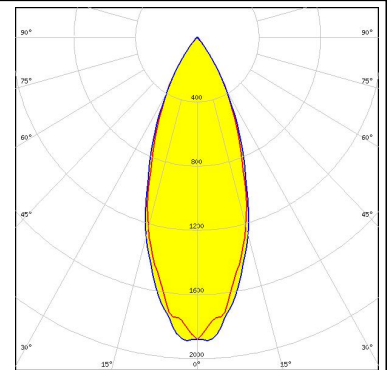




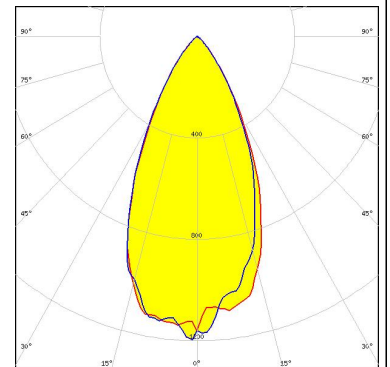
#### PHOTOMETRIC DATA (SIMULATED):



LED XP-E  
 FWHM 39.0°  
 Efficiency 95 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED OSLOM SSL 80  
 FWHM 49.0°  
 Efficiency 83 %  
 Peak intensity 1.160 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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