

## LARISA-WW-CLIP8

~55° wide beam. Clip fastening for 0.8 mm thick PCB

### TECHNICAL SPECIFICATIONS:

Dimensions	10.0 mm
Height	7.5 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

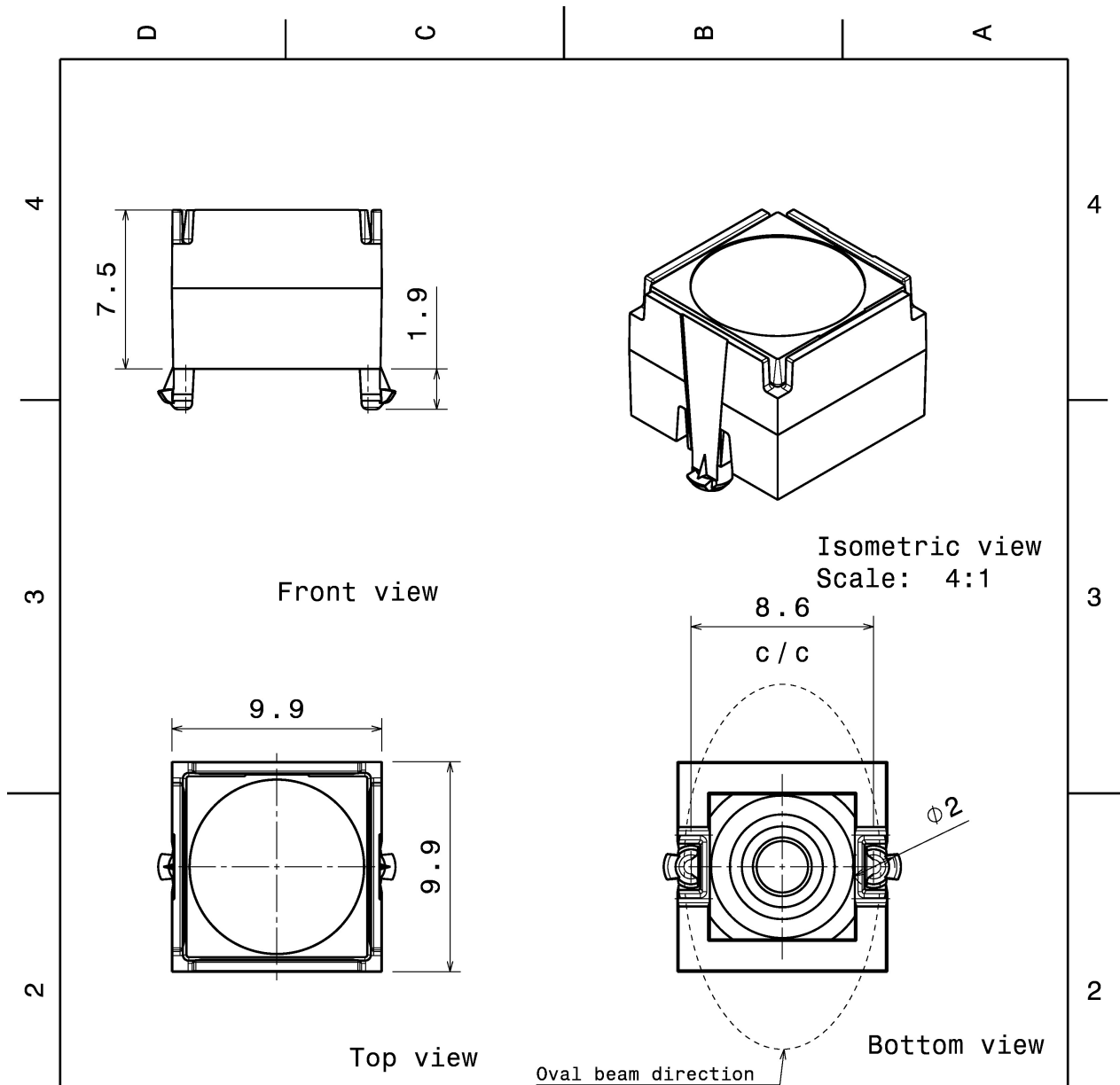
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LARISA-WW	Single lens	PMMA	clear	
LARISA-HOLDER-CLIP8	Holder	PC	black	



### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP12946_LARISA-WW-CLIP8	Single lens	10000	300	100	7.0
» Box size: 300 x 250 x 250 mm					



Isometric view  
Scale: 4:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	-	LARISA lens	PMMA	
2	C12907	LARISA-HOLDER-CLIP8	PC	black

Tolerances if not otherwise shown  
According to DIN ISO 2768-1  
Linear measures:  
Up to 30mm class M, otherwise class C.  
According to DIN ISO 2768-2  
Form and position: class L



Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE  
**LARISA-CLIP8**

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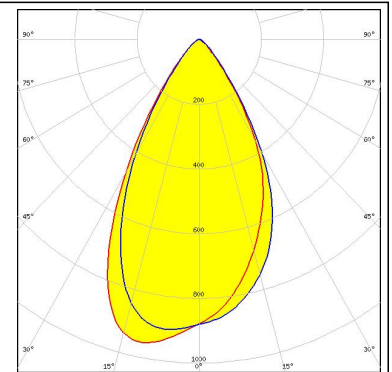
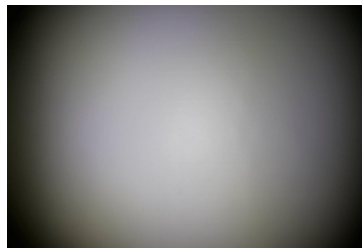
SIZE	PART NUMBER
A4	-

SCALE	4:1	WEIGHT	0,6 g	SHEET	1/1
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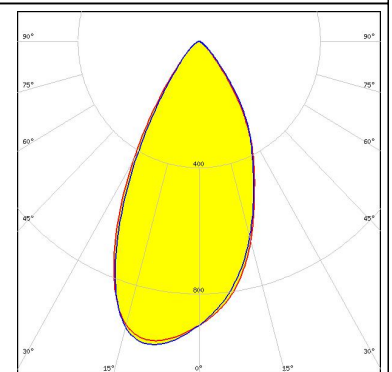
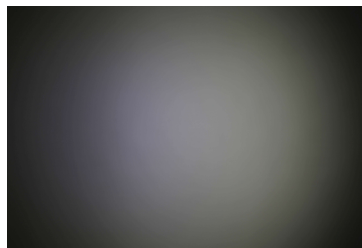
#### PHOTOMETRIC DATA (MEASURED):



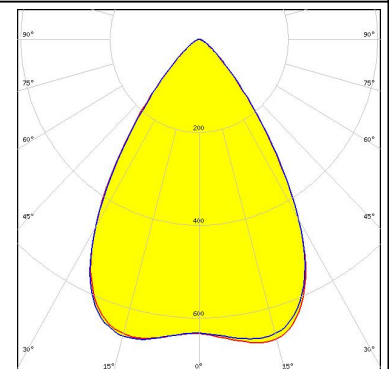
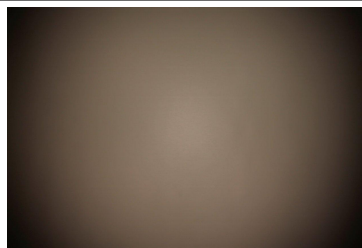
LED XB-D  
 FWHM 57.0°  
 Efficiency 84 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



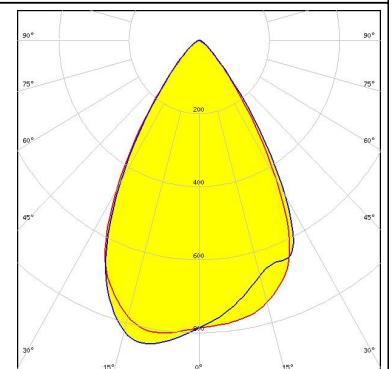
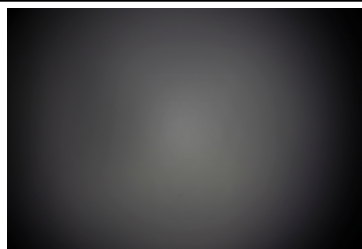
LED XD16  
 FWHM 50.0°  
 Efficiency 79 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



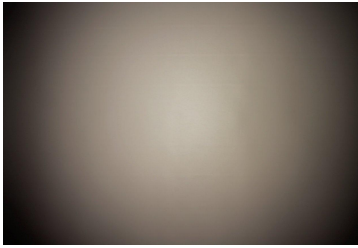
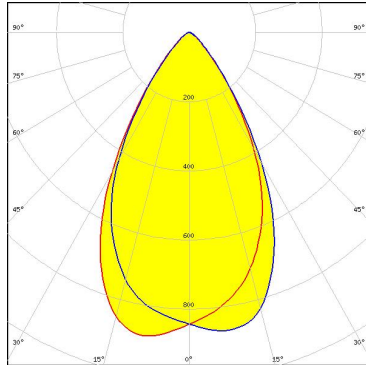
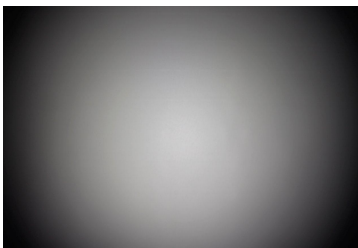
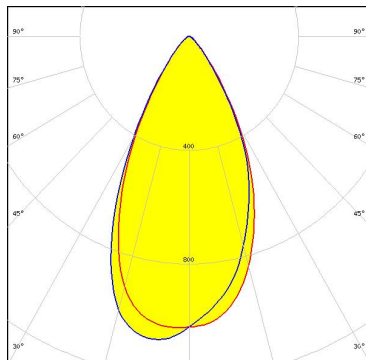

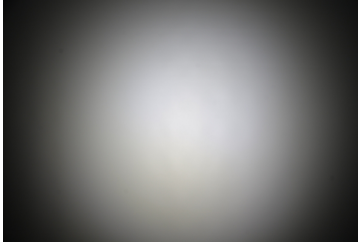
LED LUXEON A  
 FWHM 70.0°  
 Efficiency 85 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



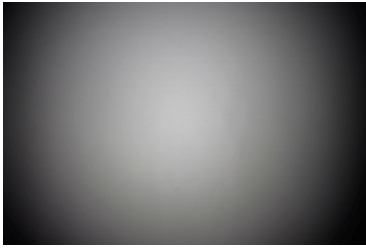
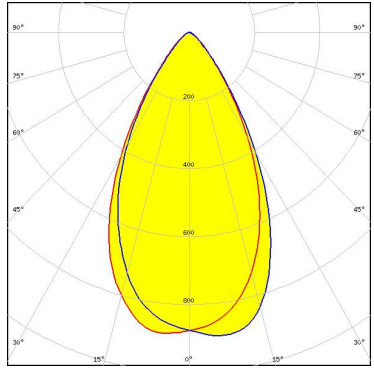
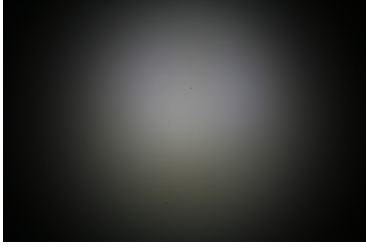
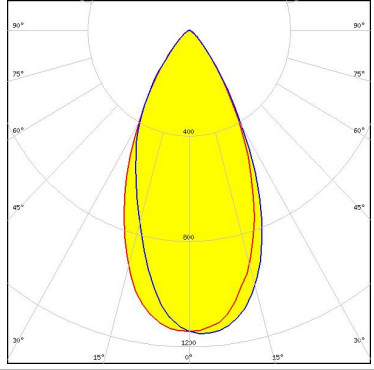
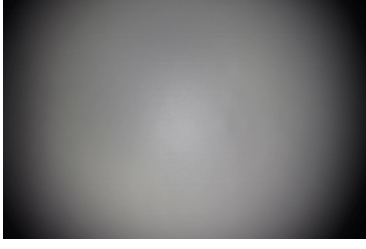
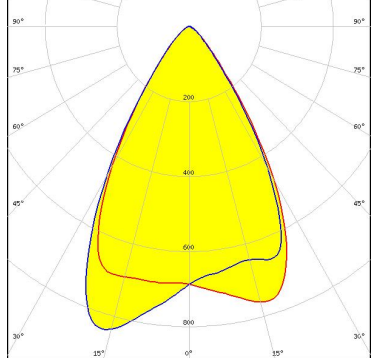
LED LUXEON Rebel  
 FWHM 62.0°  
 Efficiency 88 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON Rebel ES            FWHM 60.0°            Efficiency 86 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NCSxx19A            FWHM 52.0°            Efficiency 83 %            Peak intensity 1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NF2x757A            FWHM 49.0°            Efficiency 87 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED NF2x757G            FWHM 47.0°            Efficiency 85 %            Peak intensity 1.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

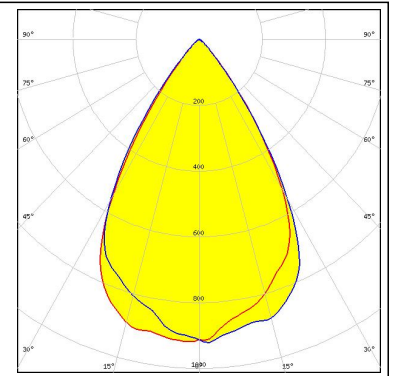
#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM 57.0°            Efficiency 90 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Duris S5 (2 chip)            FWHM 50.0°            Efficiency 86 %            Peak intensity 1.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLON SSL 80            FWHM 66.0°            Efficiency 84 %            Peak intensity 0.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

#### PHOTOMETRIC DATA (SIMULATED):



LED	LUXEON Rebel
FWHM	64.0°
Efficiency	93 %
Peak intensity	0.9 cd/Im
LEDs/each optic	1
Light colour	Green
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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