

## LISA2-WWW-CLIP

~80° wide beam optimized for CREE XP-E. 7.0 mm high variant with clip installation.

## SPECIFICATION:

Dimensions	Ø 9.9
Height	7 mm
Fastening	glue, clips
ROHS compliant	yes ⓘ

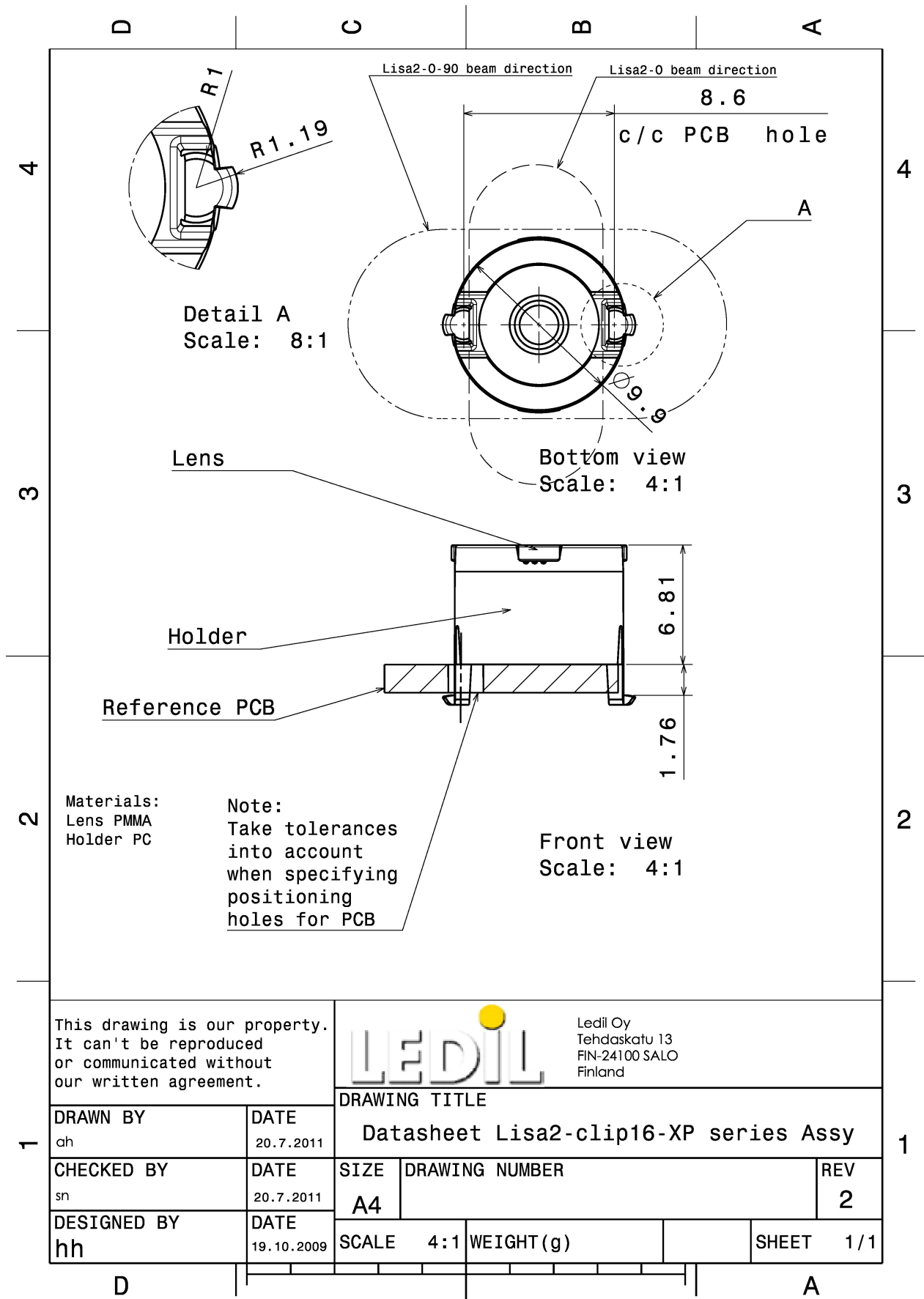


## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LISA2-WWW	Single lens	PMMA	clear		
LISA2-HLD-CLIP16-XP	Holder	PC	black		

## ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FP11431_LISA2-WWW-CLIP	Single lens	2000	300	100	1.4
» Box size:					

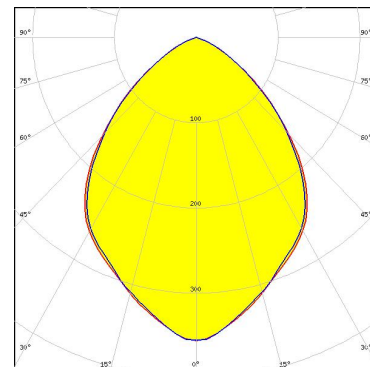


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



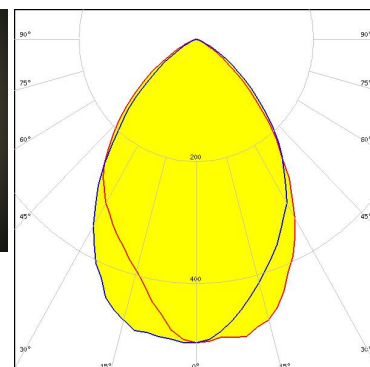
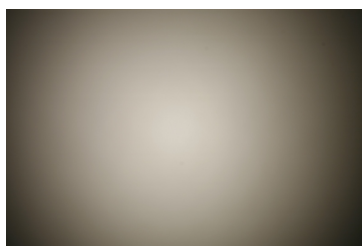
LED XP-G  
FWHM / FWTM 86.0°  
Efficiency 72 %  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON Rebel ES  
FWHM / FWTM 74.0° / 113.0°  
Efficiency 73 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

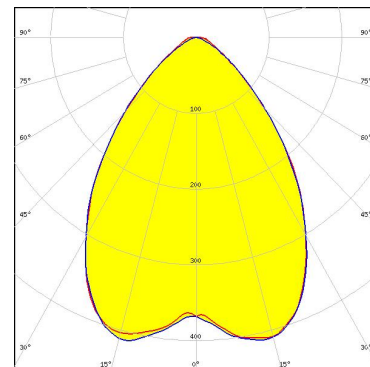


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



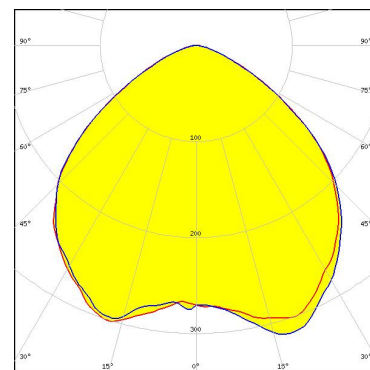
LED NCSxE17A  
 FWHM / FWTM 78.0° / 118.0°  
 Efficiency 73 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 4  
 Light colour/type White  
 Required components:



Light distribution files



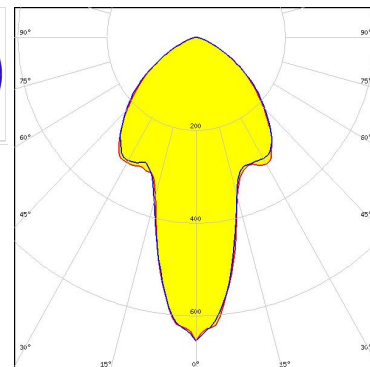
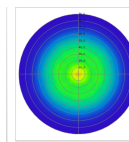
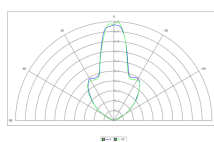
LED NVSW519A  
 FWHM / FWTM 104.0° / 140.0°  
 Efficiency 76 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED SFH 4716S  
 FWHM / FWTM 35.0° / 126.0°  
 Efficiency 84 %  
 LEDs/each optic 1  
 Light colour/type IR  
 Required components:



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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#### LEDiL Oy

Joensuunkatu 7  
FI-24100 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

[www.ledil.com/  
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