

## ANNA-50-7-S

~15° spot beam with 7 optics

### SPECIFICATION:

Dimensions	Ø 50.0 mm
Height	10.7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

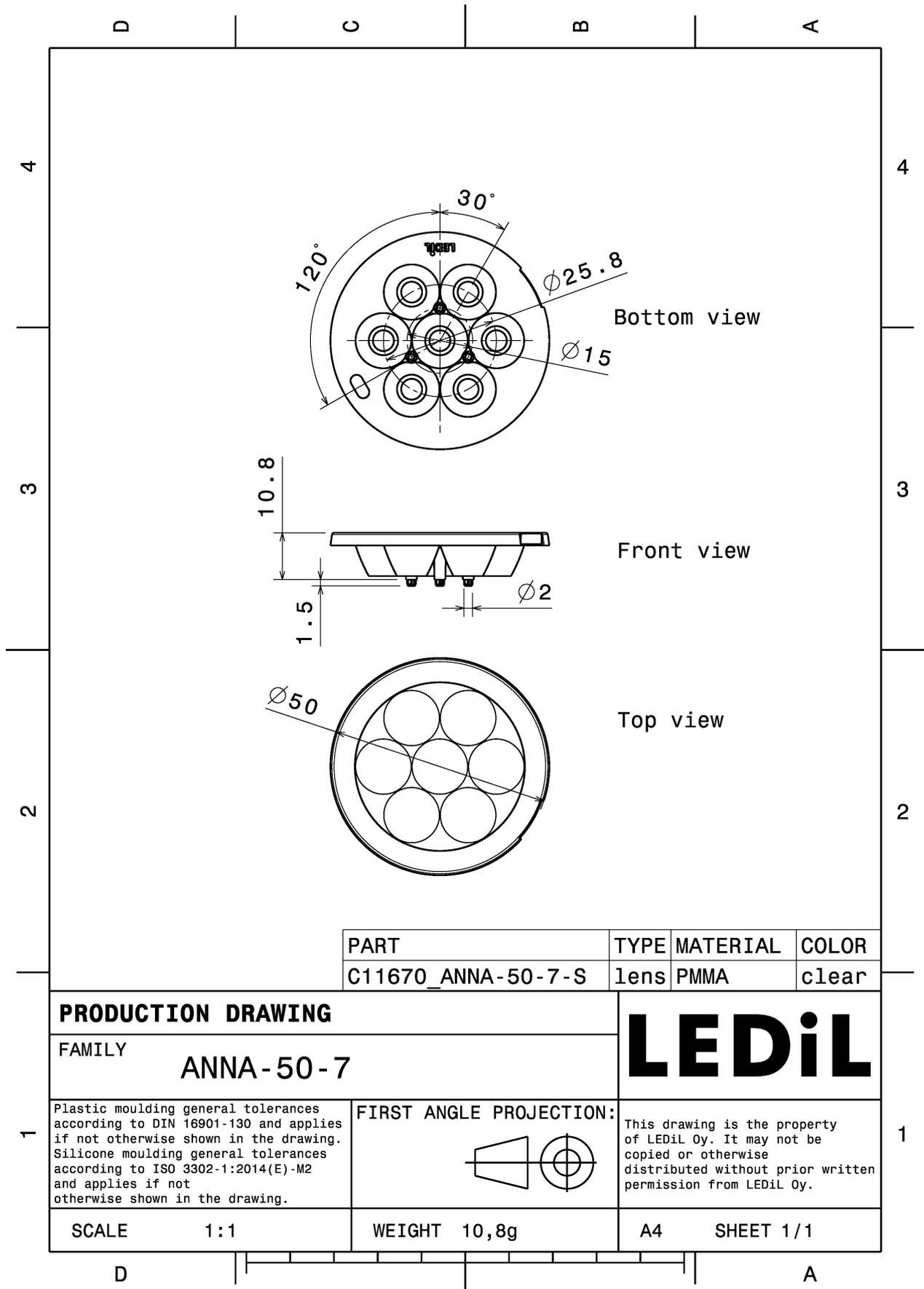


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
ANNA-50-7-S	Multi-lens	PMMA	clear		50.0

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11670_ANNA-50-7-S » Box size: 480 x 280 x 300 mm	512	96	32	7.5

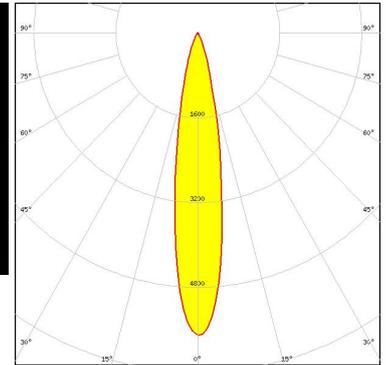


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

##### LUMILEDS

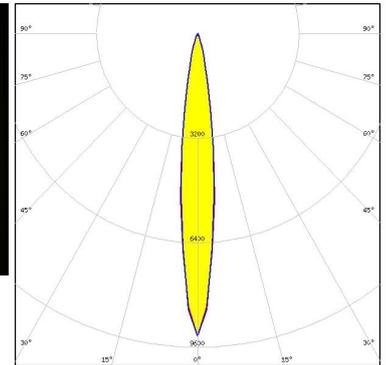
LED LUXEON A  
 FWHM / FWTM 19.0° / 40.0°  
 Efficiency 87 %  
 Peak intensity 5.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

##### LUMILEDS

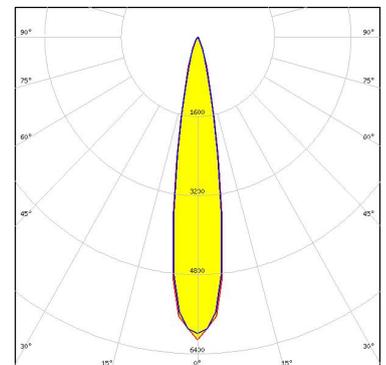
LED LUXEON Rebel  
 FWHM / FWTM 13.0° / 28.0°  
 Efficiency 92 %  
 Peak intensity 9.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

##### LUMILEDS

LED LUXEON Rebel ES  
 FWHM / FWTM 18.0° / 36.0°  
 Efficiency 93 %  
 Peak intensity 6.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### OPTICAL RESULTS (MEASURED):



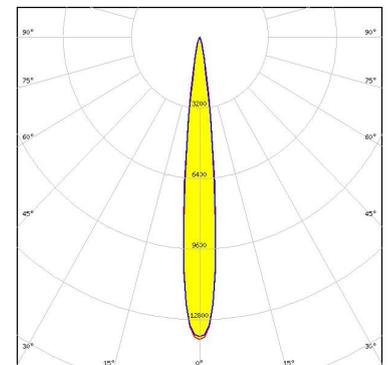
LED NCSxx19A  
FWHM / FWTM 16.0° / 35.0°  
Efficiency 91 %  
Peak intensity 6.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



LED NVSxx19A  
FWHM / FWTM 19.0° / 42.0°  
Efficiency 91 %  
Peak intensity 4.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



LED OSLOM SSL 150  
FWHM / FWTM 12.0° / 22.0°  
Efficiency 90 %  
Peak intensity 13.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

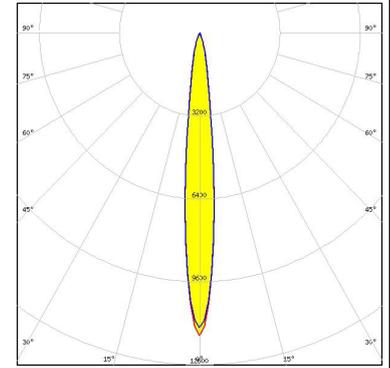


Light distribution files

### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	11.0° / 26.0°
Efficiency	90 %
Peak intensity	11.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

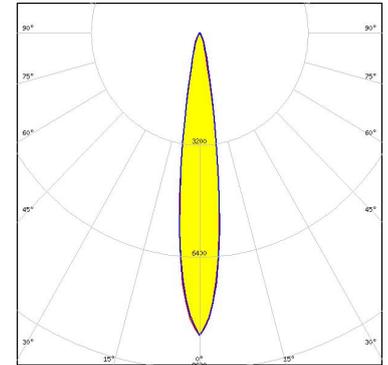


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



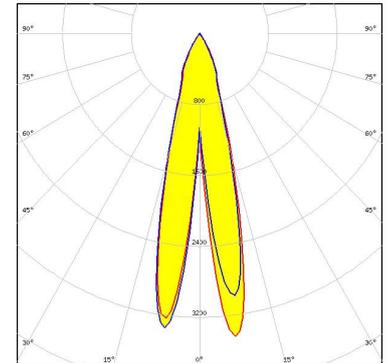
LED XB-H  
FWHM / FWTM 16.0° / 30.0°  
Efficiency 94 %  
Peak intensity 8.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



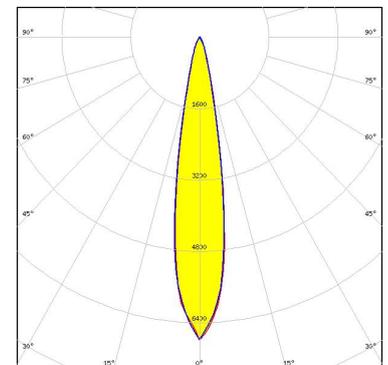
LED LUXEON CZ  
FWHM / FWTM 28.0° / 55.0°  
Efficiency 96 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour/type Red  
Required components:



Light distribution files



LED NVSxx19B/NVSxx19C  
FWHM / FWTM 18.0° / 34.0°  
Efficiency 95 %  
Peak intensity 6.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

## OPTICAL RESULTS (SIMULATED):

**SHARP**

LED	Double Dome (GM2BB)
FWHM / FWTM	12.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 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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