

## ANNA-50-3-S

~15° spot beam with 3 optics

### SPECIFICATION:

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

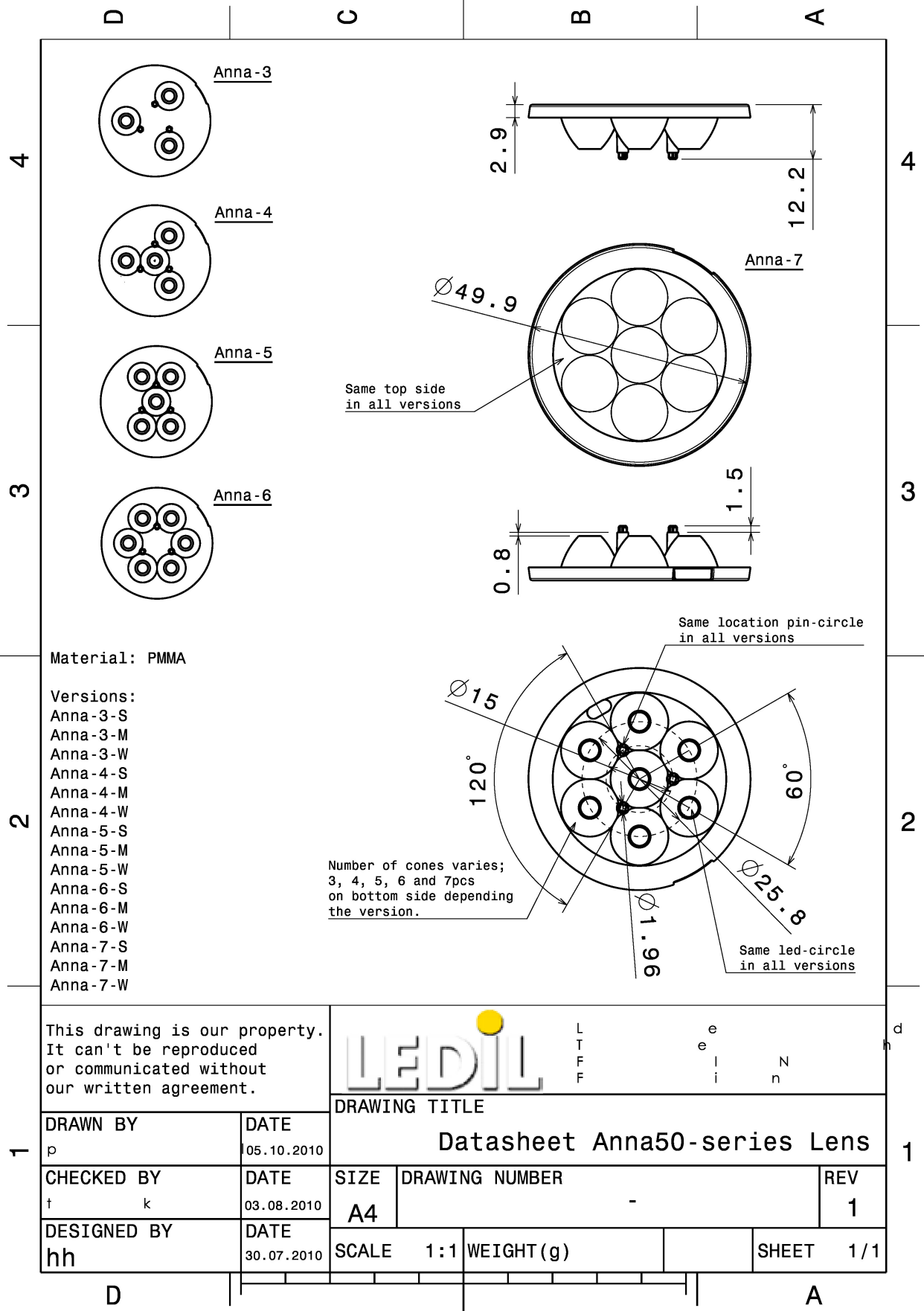


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
ANNA-50-3-S	Multi-lens	PMMA	clear		50.0

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11606_ANNA-50-3-S » Box size: 480 x 280 x 300 mm	512	96	32	5.9

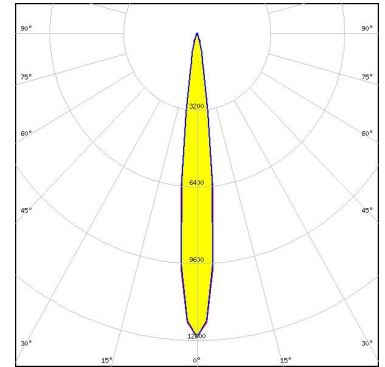


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):



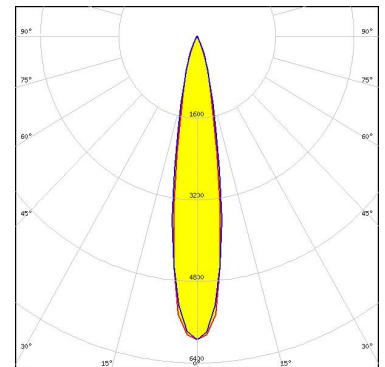
LED XP-E  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 93 %  
Peak intensity 12.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



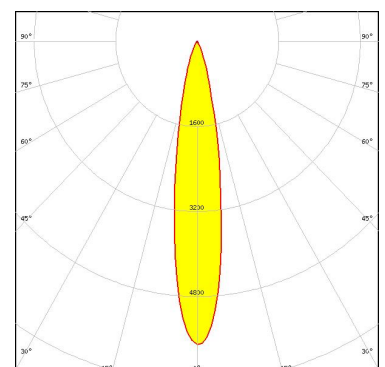
LED XP-G  
FWHM / FWTM 18.0° / 39.0°  
Efficiency 93 %  
Peak intensity 5.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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:

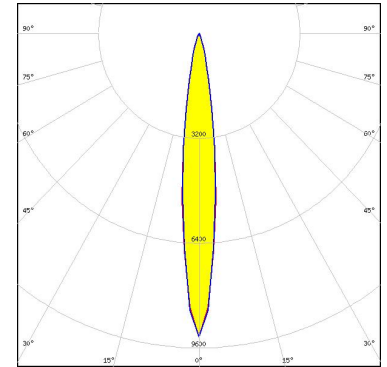


Light distribution files

#### OPTICAL RESULTS (MEASURED):



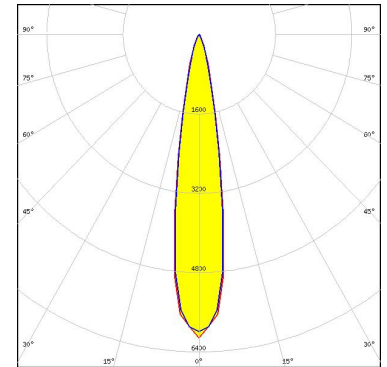
LED LUXEON Rebel  
 FWHM / FWTM 13.0° / 28.0°  
 Efficiency 92 %  
 Peak intensity 9.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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



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:

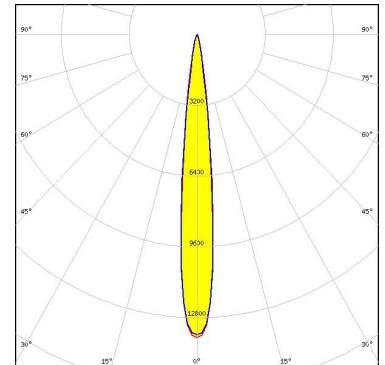
#### OPTICAL RESULTS (MEASURED):



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:



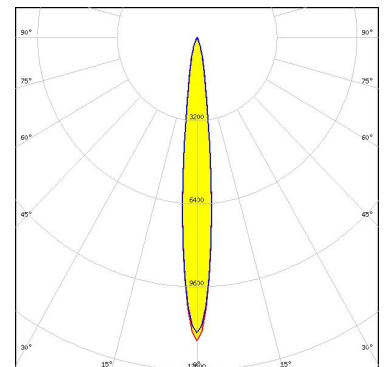
LED OSLOM SSL 150  
FWHM / FWTM 12.0° / 22.0°  
Efficiency 90 %  
Peak intensity 13.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files




LED OSLOM 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:

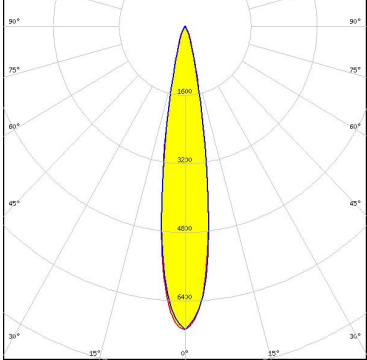


Light distribution files

#### OPTICAL RESULTS (SIMULATED):




LED	NVSxx19B/NVSxx19C
FWHM / FWTM	18.0° / 34.0°
Efficiency	96 %
Peak intensity	7.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	Z5
FWHM / FWTM	12.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	



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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