

## ANNA-50-3-M

~20° medium beam with 3 optics

### TECHNICAL SPECIFICATIONS:

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

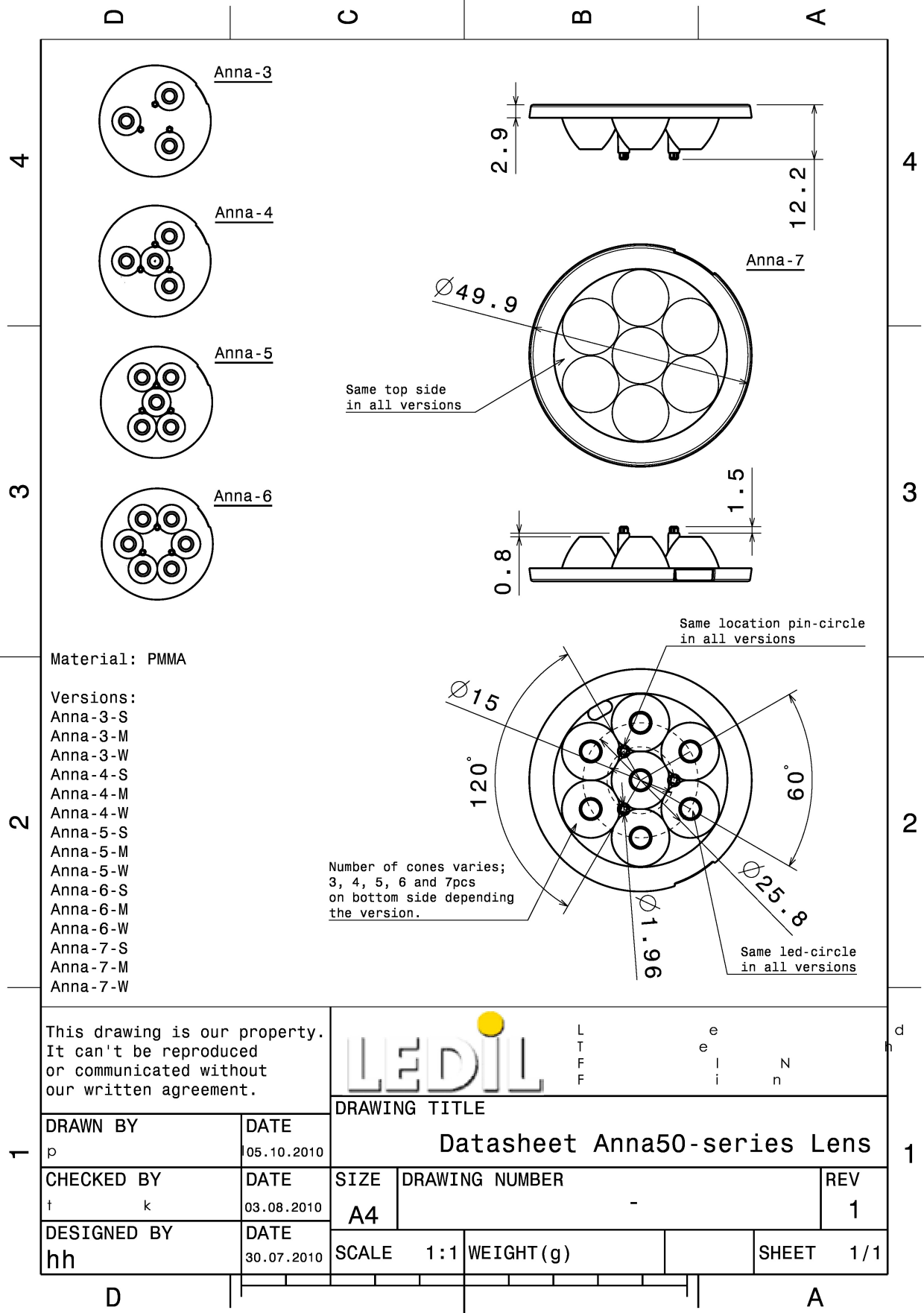
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-50-3-M	Multi-lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11607_ANNA-50-3-M » Box size: 480 x 280 x 300 mm	512	96	32	5.8





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

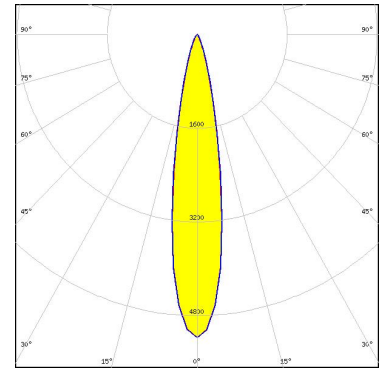
#### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XB-D  
 FWHM / FWTM 22.0°  
 Efficiency 87 %  
 Peak intensity 3.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

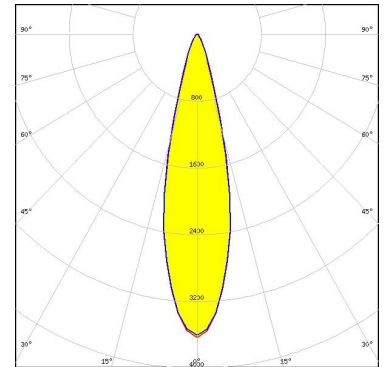
#### CREE

LED XP-E  
 FWHM / FWTM 19.0° / 38.0°  
 Efficiency 90 %  
 Peak intensity 5.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



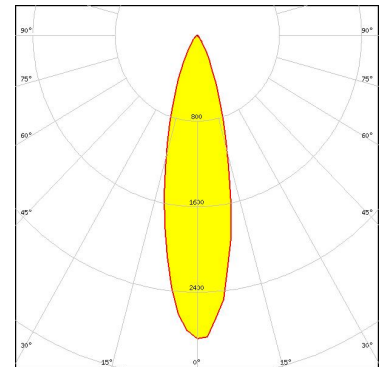
#### CREE

LED XP-G  
 FWHM / FWTM 25.0° / 44.0°  
 Efficiency 91 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LUMILEDS

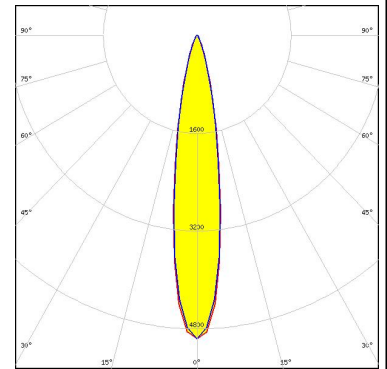
LED LUXEON A  
 FWHM / FWTM 26.0° / 55.0°  
 Efficiency 84 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

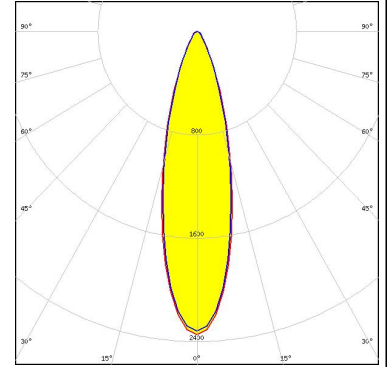
#### LUMILEDS

LED LUXEON Rebel  
 FWHM / FWTM 18.0° / 38.0°  
 Efficiency 87 %  
 Peak intensity 5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LUMILEDS

LED LUXEON Rebel ES  
 FWHM / FWTM 27.0° / 56.0°  
 Efficiency 87 %  
 Peak intensity 2.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

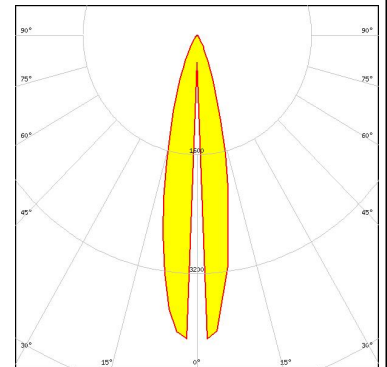


#### NICHIA



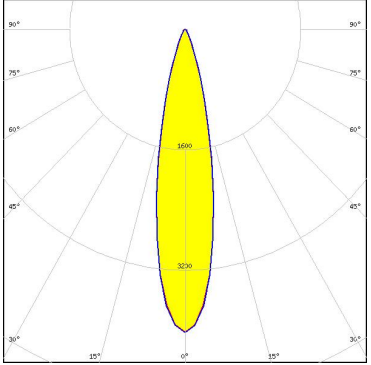

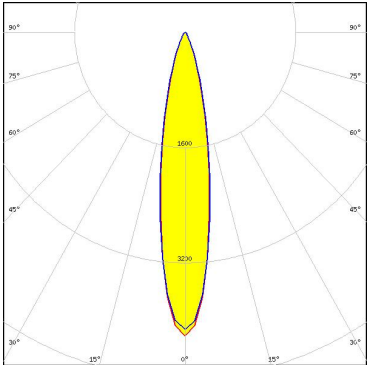
LED NCSxx19A  
 FWHM / FWTM 23.0° / 50.0°  
 Efficiency 89 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### NICHIA

LED NF2x757A  
 FWHM / FWTM 20.0° / 43.0°  
 Efficiency 90 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**PHOTOMETRIC DATA (MEASURED):**

		
LED	NVSxx19A	
FWHM / FWTM	25.0° / 54.0°	
Efficiency	89 %	
Peak intensity	2.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	OSLON SSL 150	
FWHM / FWTM	22.0° / 42.0°	
Efficiency	89 %	
Peak intensity	4 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	OSLON SSL 80	
FWHM / FWTM	20.0° / 44.0°	
Efficiency	88 %	
Peak intensity	4.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

#### PHOTOMETRIC DATA (SIMULATED):

<p><b>NICHIA</b></p> <p>LED: NCSxE17A            FWHM / FWTM: 16.0° / 32.0°            Efficiency: 94 %            Peak intensity: 8.2 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NVSxE21A            FWHM / FWTM: 18.0° / 34.0°            Efficiency: 95 %            Peak intensity: 6.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>SEMI</b>  <small>SEOUL SEMICONDUCTOR</small></p> <p>LED: Z5            FWHM / FWTM: 23.0°            Efficiency: %            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>SHARP</b></p> <p>LED: Double Dome (GM2BB)            FWHM / FWTM: 24.0°            Efficiency: %            LEDs/each optic: 1            Light colour: White            Required components:</p>	

### 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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