

## ANNA-50-4-W

~30° wide beam with 4 optics

### TECHNICAL SPECIFICATIONS:

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

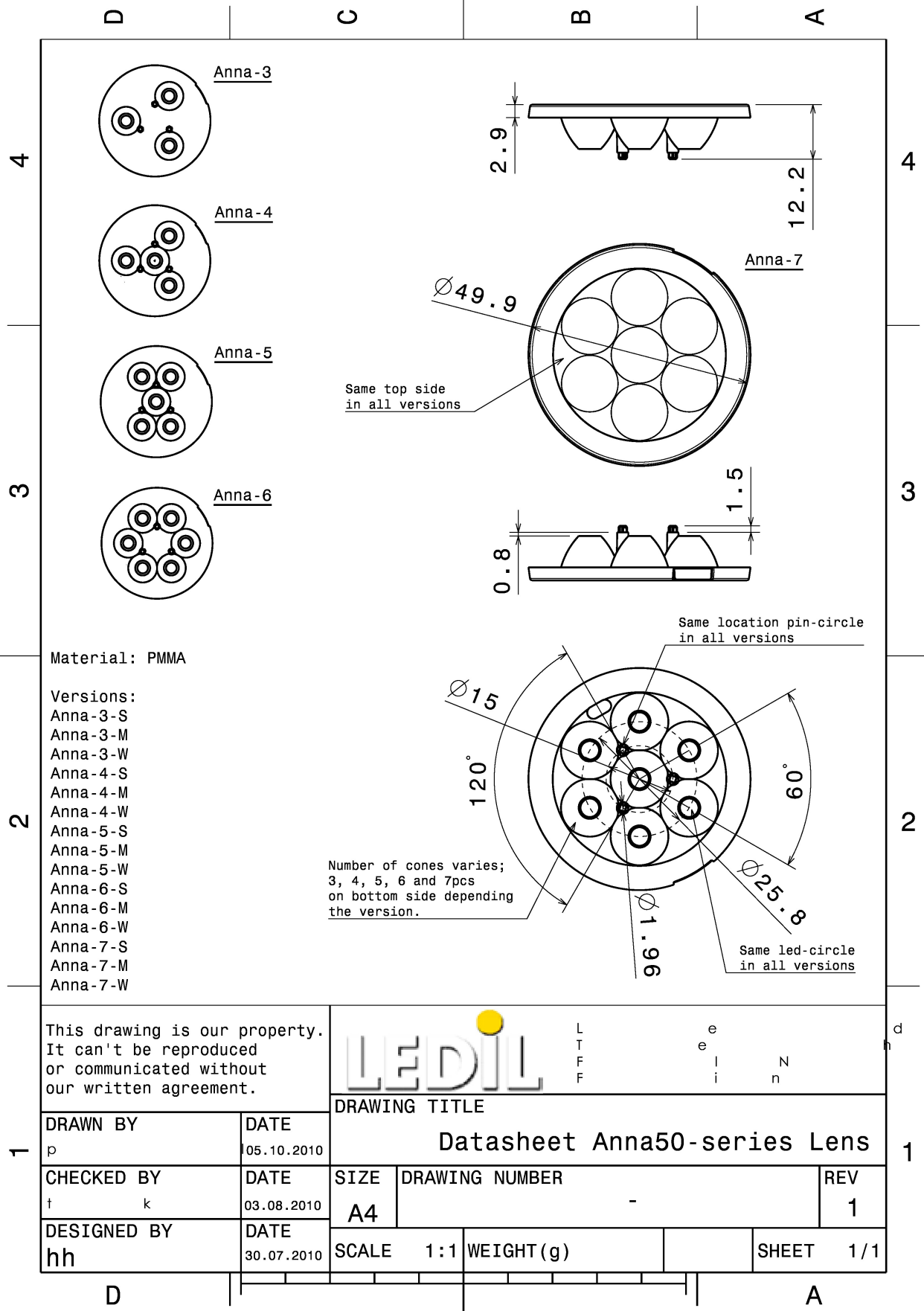


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-50-4-W	Multi-lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11801_ANNA-50-4-W » Box size: 480 x 280 x 300 mm	512	96	32	2.3



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

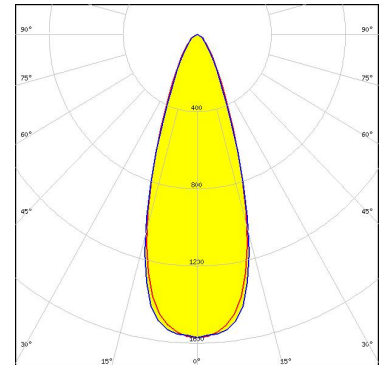
#### PHOTOMETRIC DATA (MEASURED):

##### CREE LED

LED XB-D  
 FWHM / FWTM 29.0°  
 Efficiency 85 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

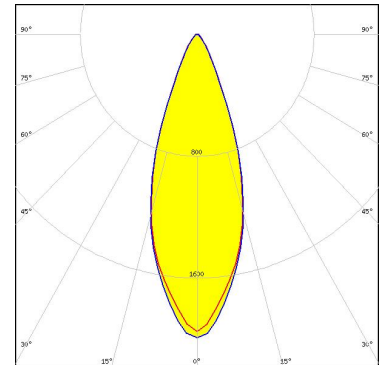
##### CREE LED

LED XP-E  
 FWHM / FWTM 36.0° / 68.0°  
 Efficiency 87 %  
 Peak intensity 1.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



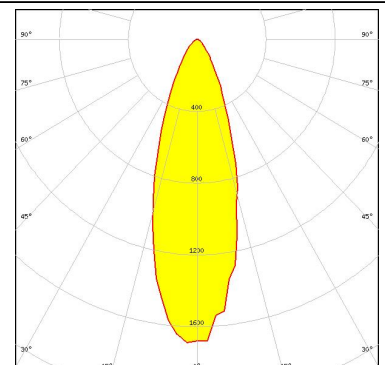
##### CREE LED

LED XP-G  
 FWHM / FWTM 36.0° / 62.0°  
 Efficiency 87 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

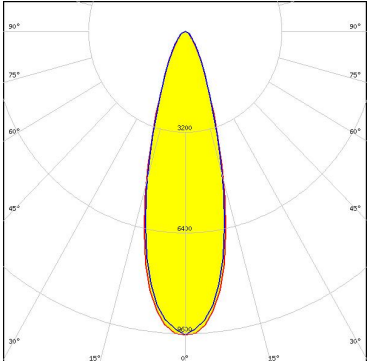
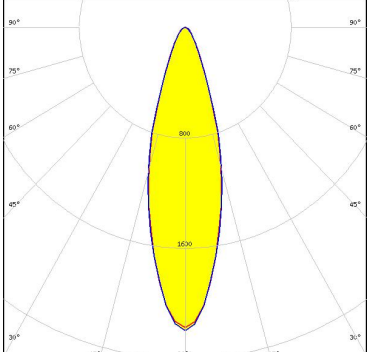


##### LUMILEDS

LED LUXEON A  
 FWHM / FWTM 34.0° / 69.0°  
 Efficiency 82 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON Rebel</p> <p>FWHM / FWTM 30.0° / 60.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED LUXEON Rebel ES</p> <p>FWHM / FWTM 29.0° / 5.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NCSxx19A</p> <p>FWHM / FWTM 28.0° / 62.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NVSxx19A</p> <p>FWHM / FWTM 33.0° / 71.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 1.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	

#### PHOTOMETRIC DATA (MEASURED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED                   OSLON SSL 150</p> <p>FWHM / FWTM      34.0° / 56.0°</p> <p>Efficiency           89 %</p> <p>Peak intensity      2 cd/lm</p> <p>LEDs/each optic    1</p> <p>Light colour        White</p> <p>Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED                   OSLON SSL 80</p> <p>FWHM / FWTM      26.0° / 60.0°</p> <p>Efficiency           87 %</p> <p>Peak intensity      2.4 cd/lm</p> <p>LEDs/each optic    1</p> <p>Light colour        White</p> <p>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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