

## 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 ⓘ

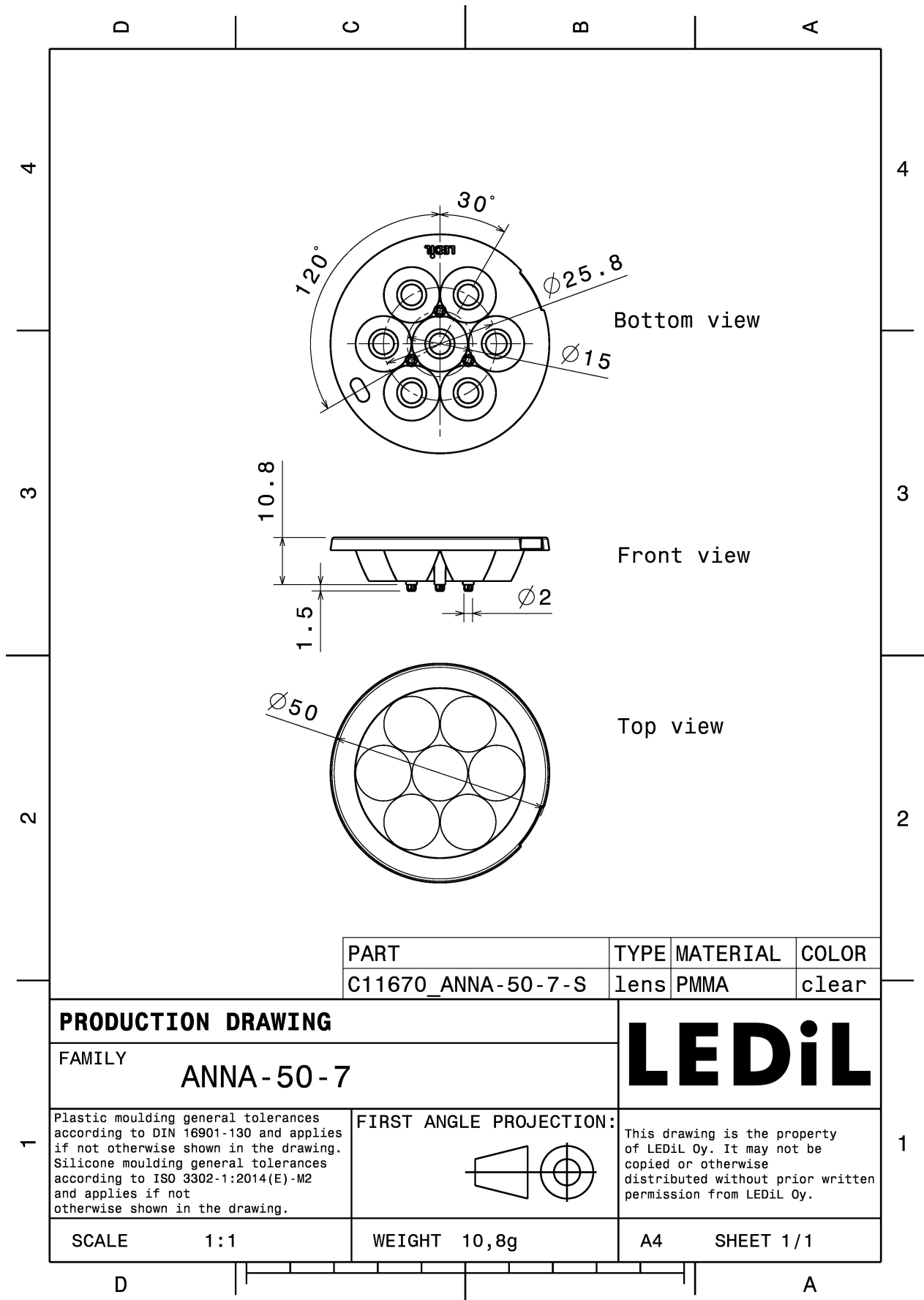


### MATERIALS:

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

### 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

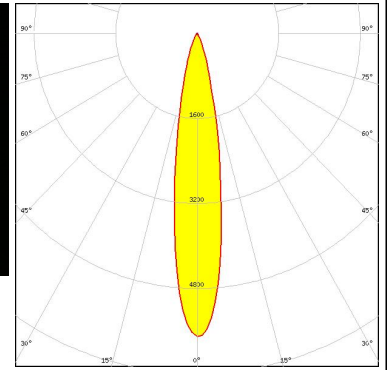
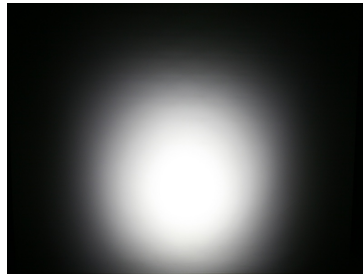


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

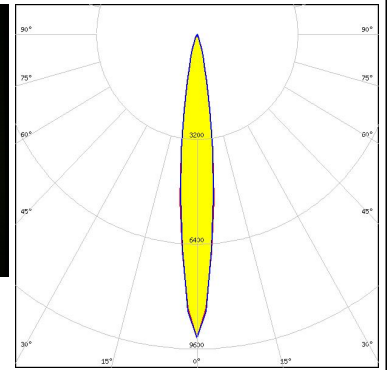
##### LUMILEDS

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



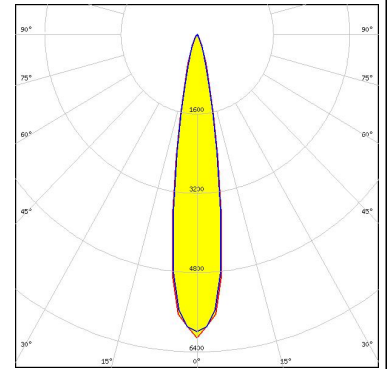
##### LUMILEDS

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



##### LUMILEDS

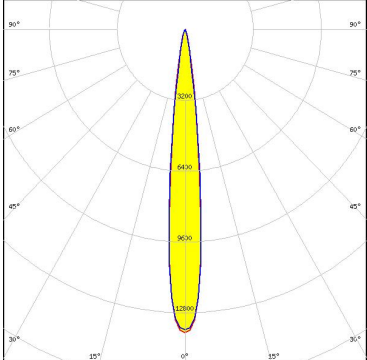
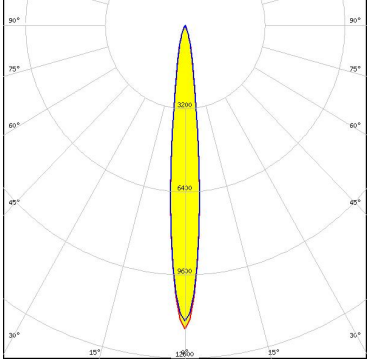
LED LUXEON Rebel ES  
 FWHM / FWTM 18.0° / 36.0°  
 Efficiency 93 %  
 Peak intensity 6.1 cd/m  
 LEDs/each optic 1  
 Light colour White  
 Required components:



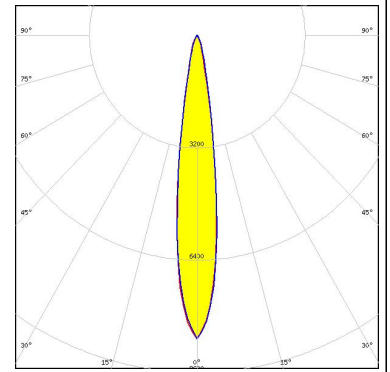
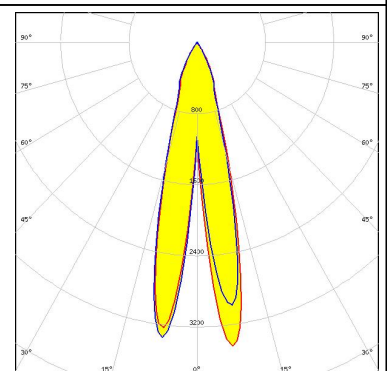
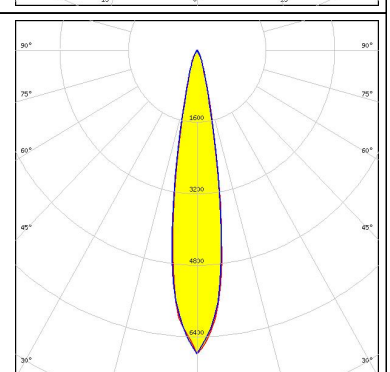
##### NICHIA

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

#### OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM / FWTM 19.0° / 42.0°            Efficiency 91 %            Peak intensity 4.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLON SSL 150            FWHM / FWTM 12.0° / 22.0°            Efficiency 90 %            Peak intensity 13.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p> 
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSLON SSL 80            FWHM / FWTM 11.0° / 26.0°            Efficiency 90 %            Peak intensity 11.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p> 	

#### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED: XB-H            FWHM / FWTM: 16.0° / 30.0°            Efficiency: 94 %            Peak intensity: 8.6 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON CZ            FWHM / FWTM: 28.0° / 55.0°            Efficiency: 96 %            Peak intensity: 3.5 cd/lm            LEDs/each optic: 1            Light colour: Red            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NVSxx19B/NVSxx19C            FWHM / FWTM: 18.0° / 34.0°            Efficiency: 95 %            Peak intensity: 6.8 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>SHARP</b></p> <p>LED: Double Dome (GM2BB)            FWHM / FWTM: 12.0°            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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