

## ANNA-40-3-M

~20° medium beam with 3 optics

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 40.0 mm
Height	10.7 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

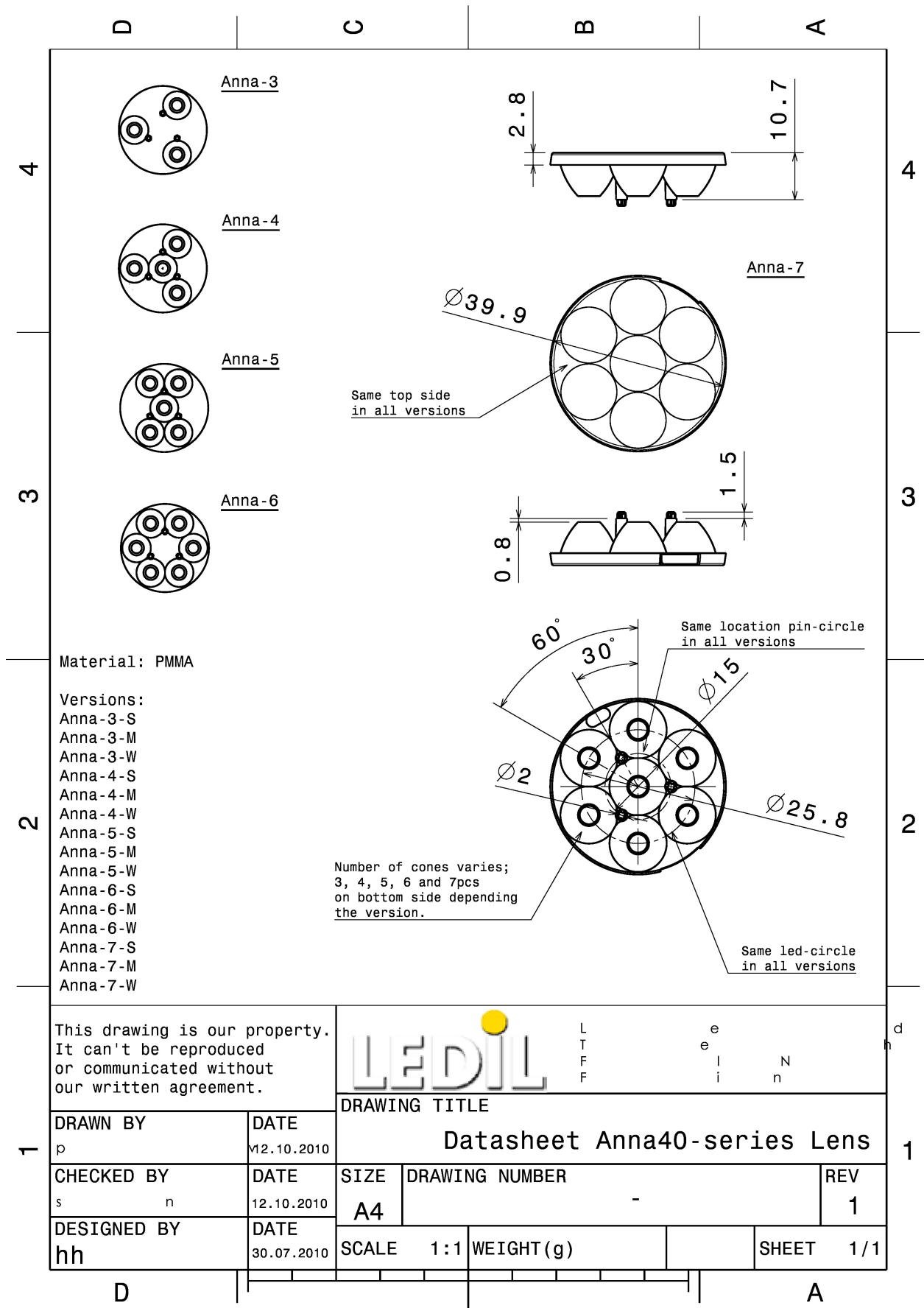


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-40-3-M	Multi-lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11711_ANNA-40-3-M » Box size: 480 x 280 x 300 mm	760	120	40	6.1



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

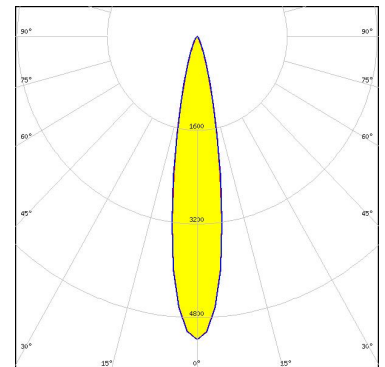
#### PHOTOMETRIC DATA (MEASURED):

#### CREE

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

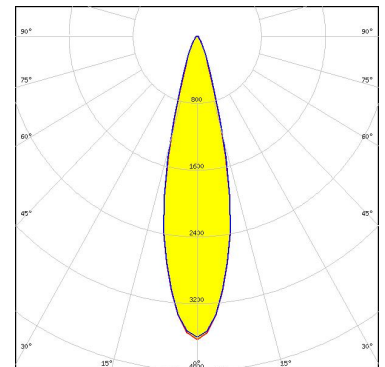
#### CREE

LED XP-E  
 FWHM 19.0°  
 Efficiency 91 %  
 Peak intensity 5.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



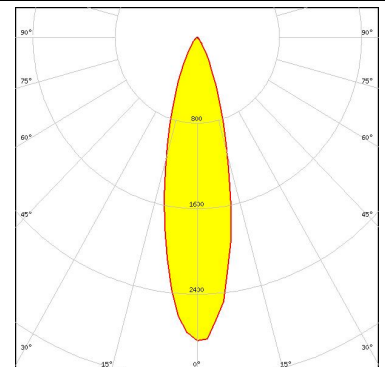
#### CREE

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



#### LUMILEDS

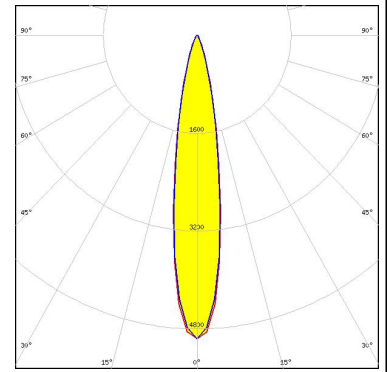
LED LUXEON A  
 FWHM 26.0°  
 Efficiency 84 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

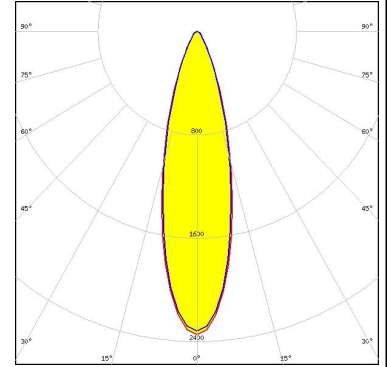
##### LUMILEDS

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



##### LUMILEDS

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

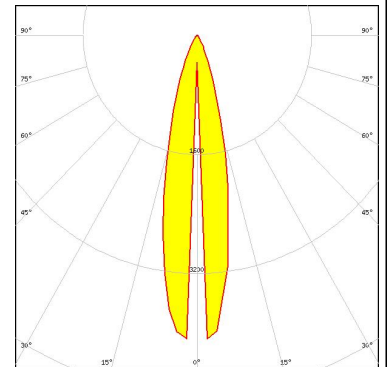


##### NICHIA

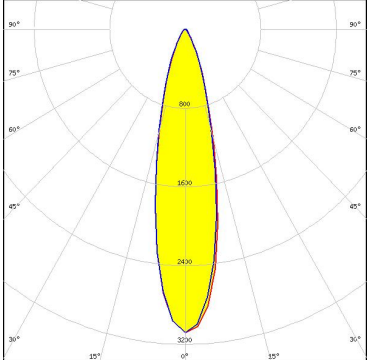
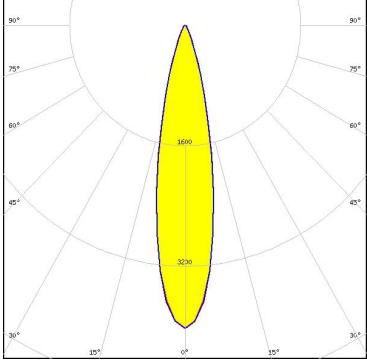
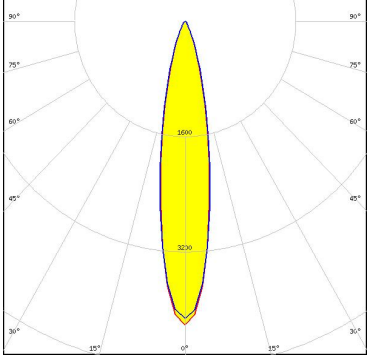
LED NCSxx19A  
 FWHM 23.0°  
 Efficiency 89 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

##### NICHIA

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



#### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSxx19A            FWHM 25.0°            Efficiency 89 %            Peak intensity 2.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED Duris S5 (2 chip)            FWHM 25.0°            Efficiency 85 %            Peak intensity 3.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSOLON SSL 150            FWHM 22.0°            Efficiency 87 %            Peak intensity 4 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSOLON SSL 80            FWHM 20.0°            Efficiency 88 %            Peak intensity 4.2 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

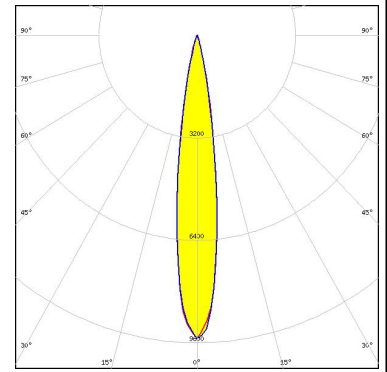
### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

Opto Semiconductors

LED OSLON Black  
FWHM 15.0°  
Efficiency 86 %  
Peak intensity 9.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

Transparent protective cover



SEOUL SEMICONDUCTOR

LED Z5  
FWHM 23.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

#### SHARP

LED Double Dome (GM2BB)  
FWHM 24.0°  
Efficiency %  
LEDs/each optic 1  
Light colour 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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