

## ANNA-40-7-W

~30° wide beam with 7 optics

### SPECIFICATION:

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

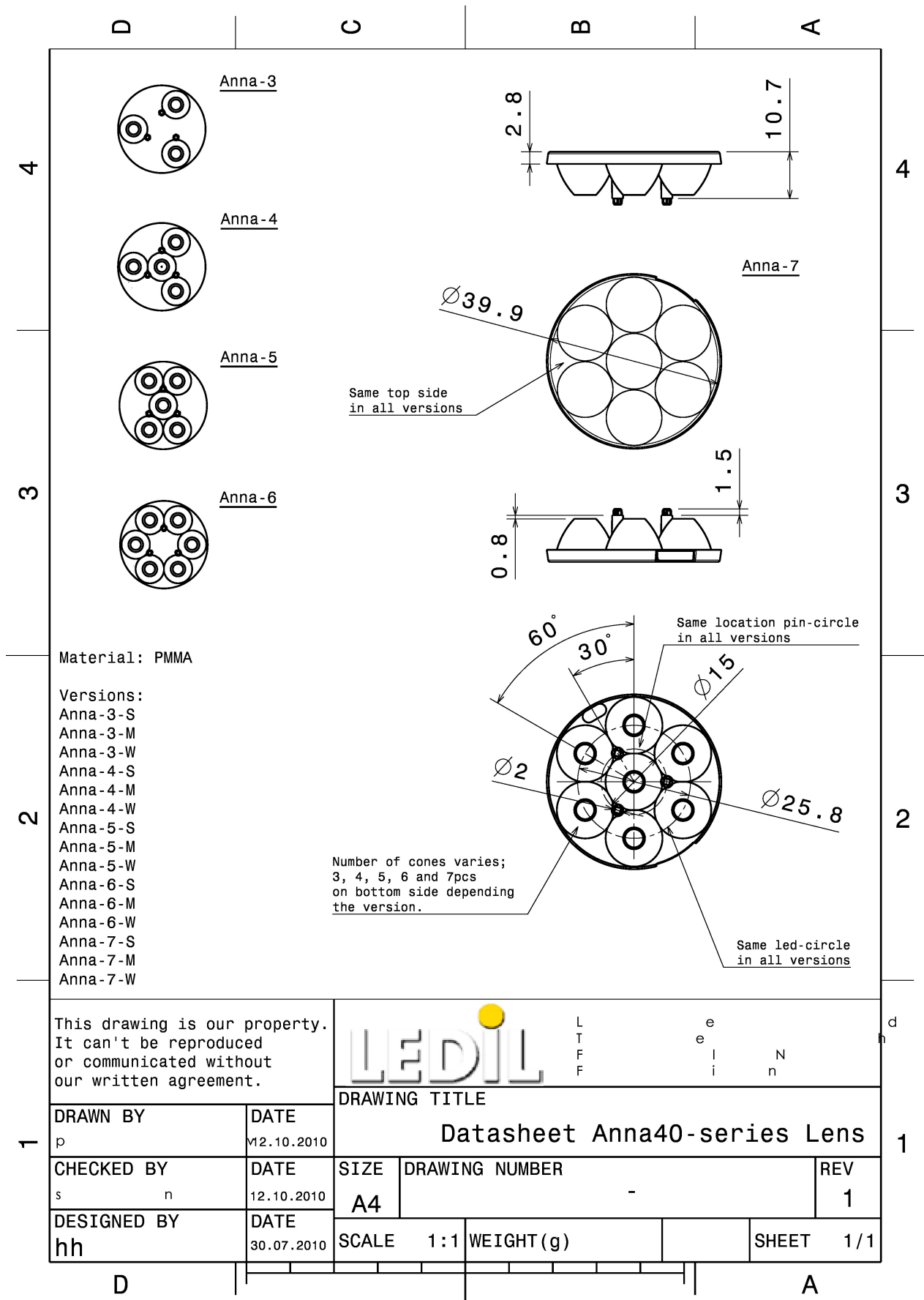


### MATERIALS:

| Component   | Type       | Material | Colour | Finish |
|-------------|------------|----------|--------|--------|
| ANNA-40-7-W | Multi-lens | PMMA     | clear  |        |

### ORDERING INFORMATION:

| Component  | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C11718_ANNA-40-7-W<br>» Box size: 480 x 280 x 300 mm | 760        | 120 | 40  | 7.7             |



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

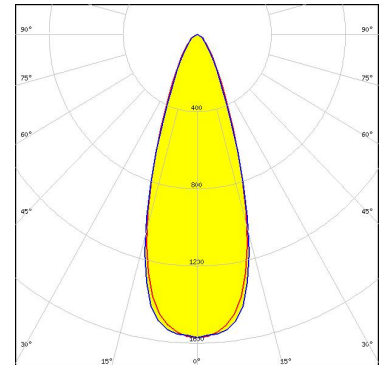
#### OPTICAL RESULTS (MEASURED):

##### 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:

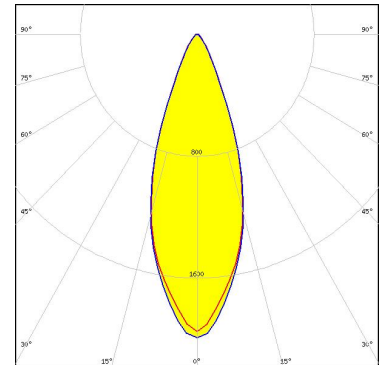
##### CREE LED

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:



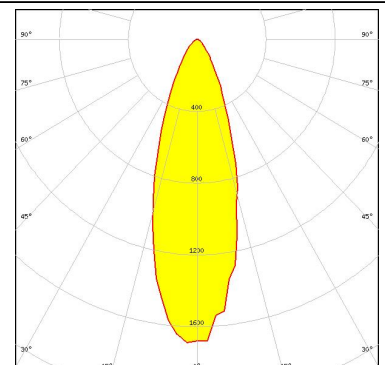
##### CREE LED

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:

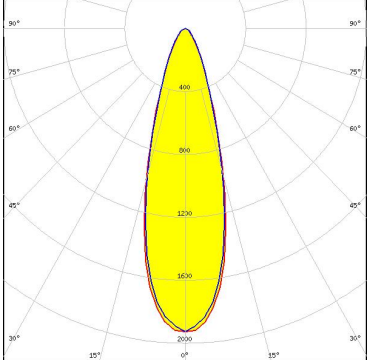
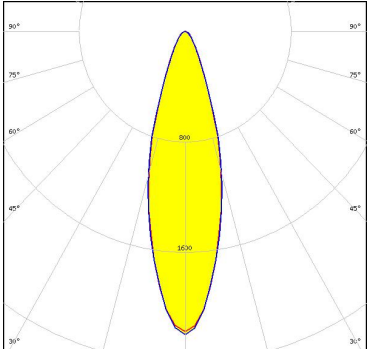
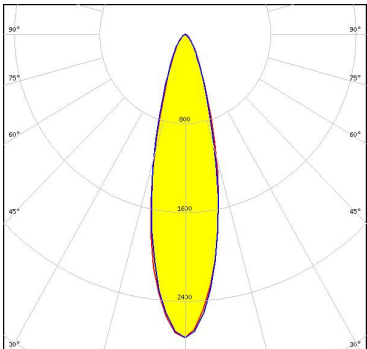
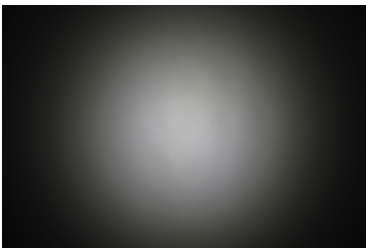


##### LUMILEDS

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:

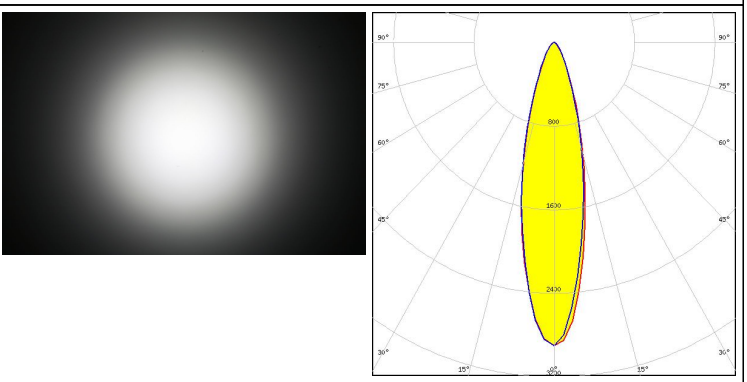
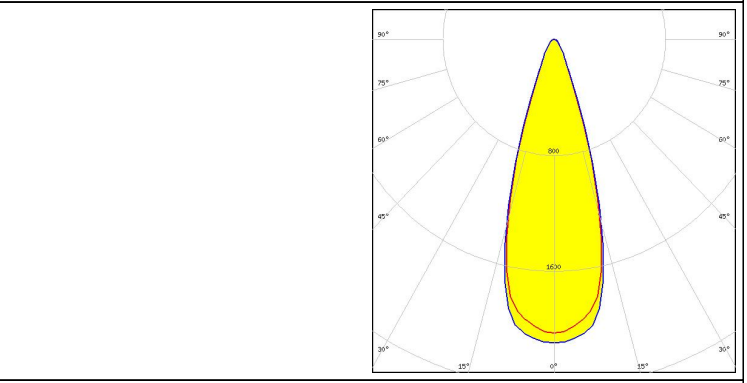
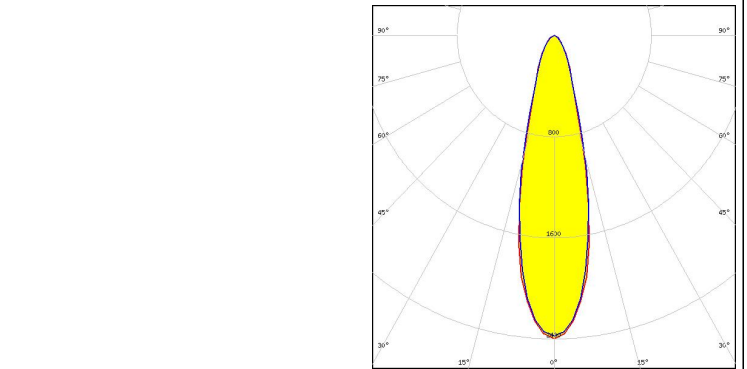


#### OPTICAL RESULTS (MEASURED):

|   |   |
|---|---|
| <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/m</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° / 58.0°</p> <p>Efficiency 86 %</p> <p>Peak intensity 2.2 cd/m</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 2.7 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>          |  |
| <p><b>NICHIA</b></p> <p>LED NF2x757G</p> <p>FWHM / FWTM 27.0° / 57.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 2.5 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>          |   |



#### OPTICAL RESULTS (MEASURED):

|   |  |
|---|--|
| <p><b>NICHIA</b></p> <p>LED NVSxx19A<br/>           FWHM / FWTM 33.0° / 71.0°<br/>           Efficiency 86 %<br/>           Peak intensity 1.5 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>   |  |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED Duris S5 (2 chip)<br/>           FWHM / FWTM 26.0° / 55.0°<br/>           Efficiency 88 %<br/>           Peak intensity 2.9 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |   |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED OSLOM SSL 150<br/>           FWHM / FWTM 34.0° / 56.0°<br/>           Efficiency 89 %<br/>           Peak intensity 2 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>       |  |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED OSLOM SSL 80<br/>           FWHM / FWTM 26.0° / 60.0°<br/>           Efficiency 87 %<br/>           Peak intensity 2.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>      |  |

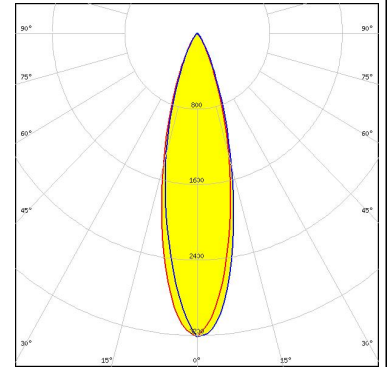
#### OPTICAL RESULTS (MEASURED):



#### OPTICAL RESULTS (SIMULATED):



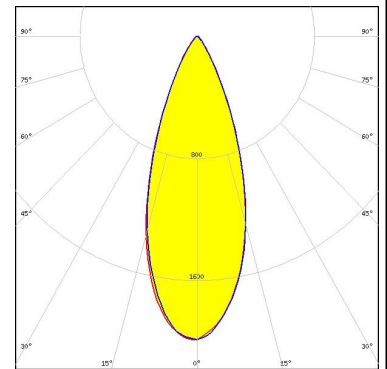
LED J Series 2835  
FWHM / FWTM 27.0° / 54.0°  
Efficiency 96 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON T  
FWHM / FWTM 34.0° / 62.0°  
Efficiency 92 %  
Peak intensity 2.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



OSRAM  
Opto Semiconductors  
LED OSLOM Square CSSRM2/CSSRM3  
FWHM / FWTM 38.0° / 66.0°  
Efficiency 94 %  
Peak intensity 2 cd/lm  
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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