

## ANNA-50-3-S

~15° spot beam with 3 optics

### TECHNICAL SPECIFICATIONS:

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

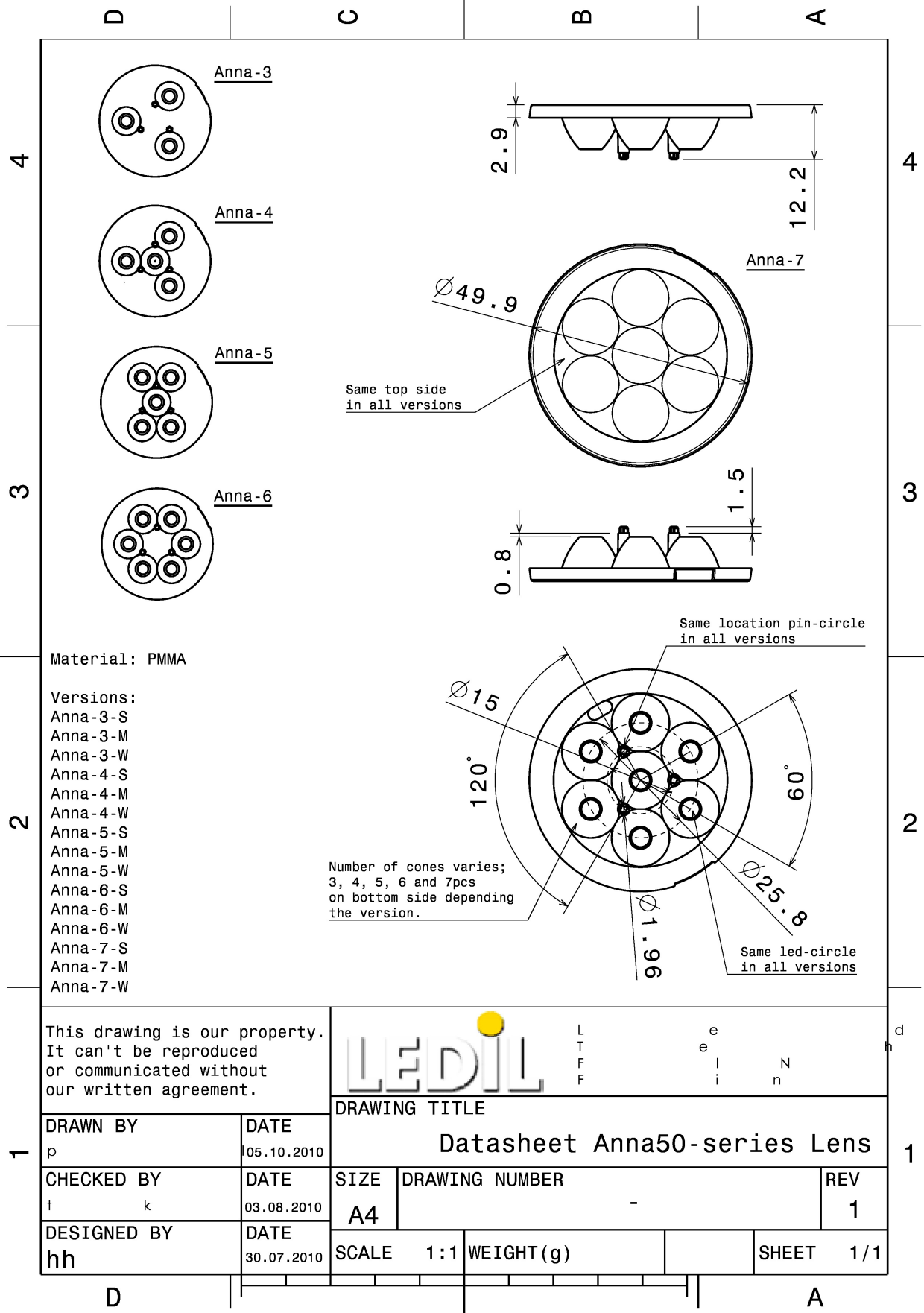
### MATERIAL SPECIFICATIONS:

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

### ORDERING INFORMATION:

| Component  | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C11606_ANNA-50-3-S<br>» Box size: 480 x 280 x 300 mm | 512        | 96  | 32  | 5.9             |



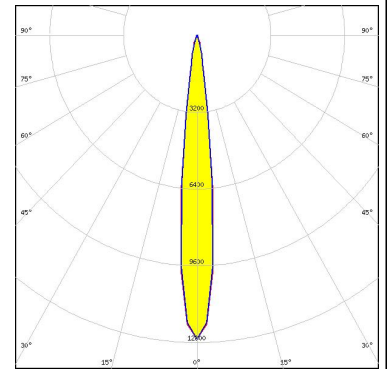


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

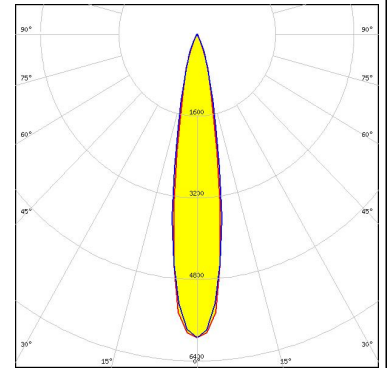
##### CREE LED

LED XP-E  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 93 %  
 Peak intensity 12.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



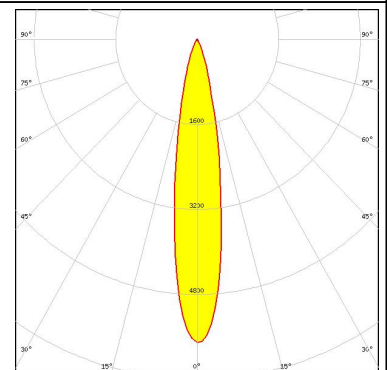
##### CREE LED

LED XP-G  
 FWHM / FWTM 18.0° / 39.0°  
 Efficiency 93 %  
 Peak intensity 5.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



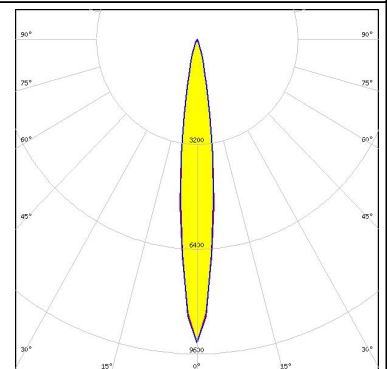
##### LUMILEDS

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



##### LUMILEDS

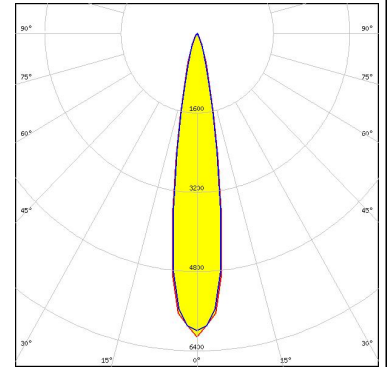
LED LUXEON Rebel  
 FWHM / FWTM 13.0° / 28.0°  
 Efficiency 92 %  
 Peak intensity 9.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

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

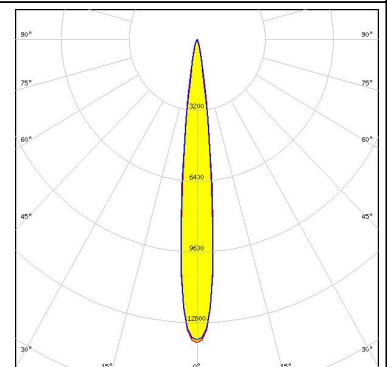
#### NICHIA

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:

#### OSRAM

Opto Semiconductors

LED OSLOM 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:

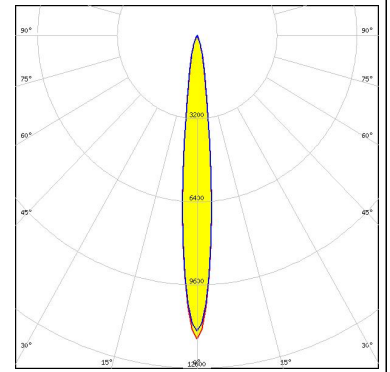


### PHOTOMETRIC DATA (MEASURED):




#### OSRAM

Opto Semiconductors

|                      |               |
|----------------------|---------------|
| 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: |               |



## PHOTOMETRIC DATA (SIMULATED):

|  |                     |
|--|---------------------|
|    |                     |
| LED  | NVSxx19B/NVSxx19C   |
| FWHM / FWTM  | 18.0° / 34.0°       |
| Efficiency   | 96 %                |
| Peak intensity   | 7.1 cd/lm           |
| LEDs/each optic  | 1                   |
| Light colour   | White               |
| Required components:   |                     |
| <hr/>  |                     |
|    |                     |
| LED  | Z5                  |
| FWHM / FWTM  | 12.0°               |
| Efficiency   | %                   |
| LEDs/each optic  | 1                   |
| Light colour   | White               |
| Required components:   |                     |
| <hr/>  |                     |
|  |                     |
| LED  | Double Dome (GM2BB) |
| FWHM / FWTM  | 12.0°               |
| 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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