

## ANNA-50-4-W

~30° wide beam with 4 optics

### SPECIFICATION:

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

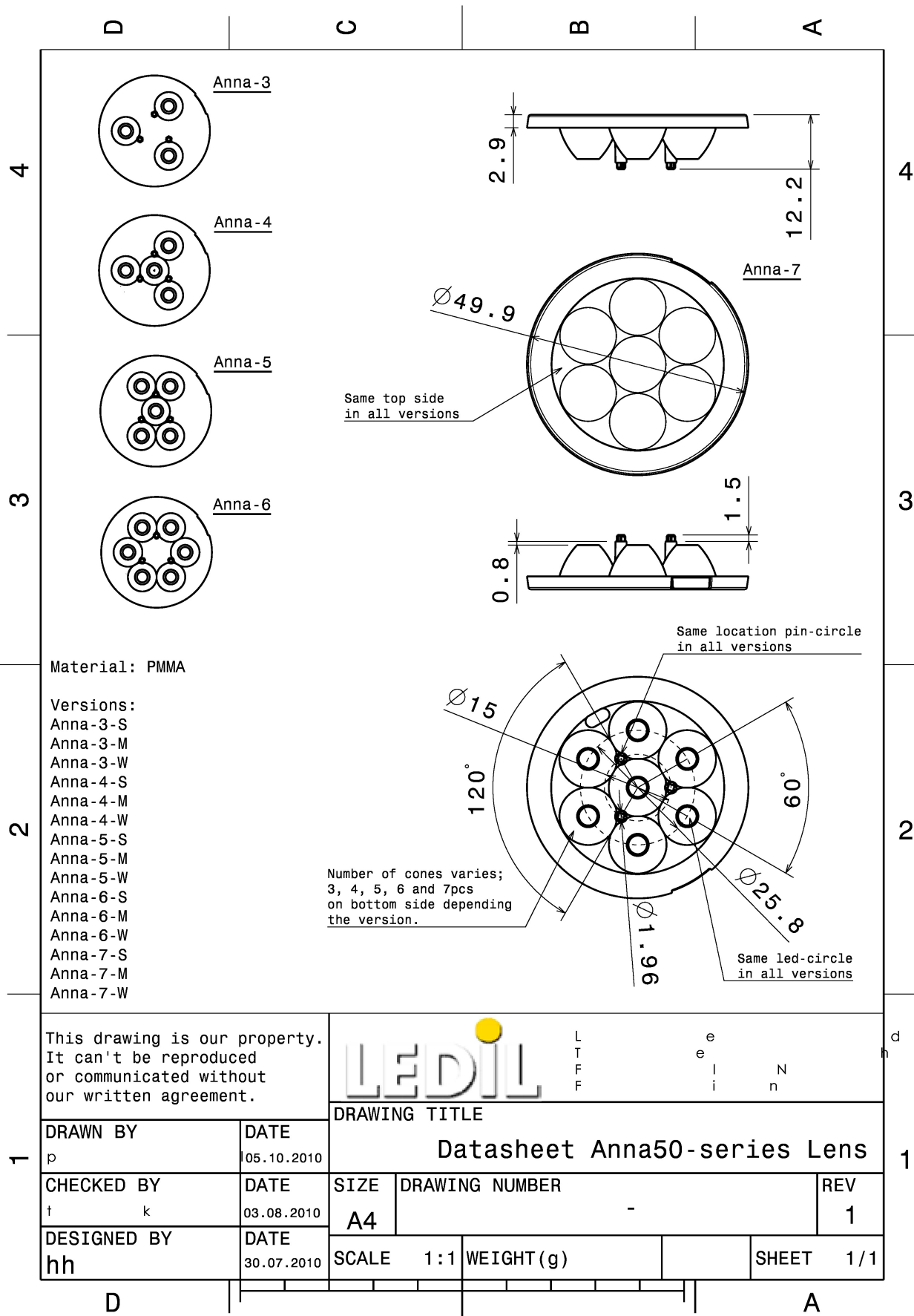
### MATERIALS:

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

### ORDERING INFORMATION:

| Component                                            | Qty in box | MOQ | MPQ | Box weight (kg) |
|------------------------------------------------------|------------|-----|-----|-----------------|
| C11801_ANNA-50-4-W<br>» 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)

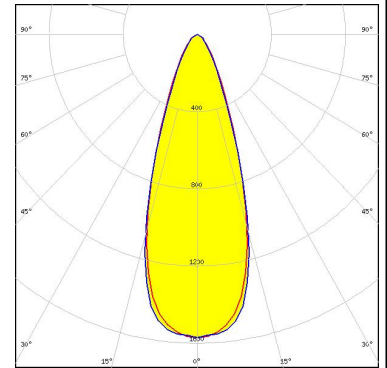
### OPTICAL RESULTS (MEASURED):



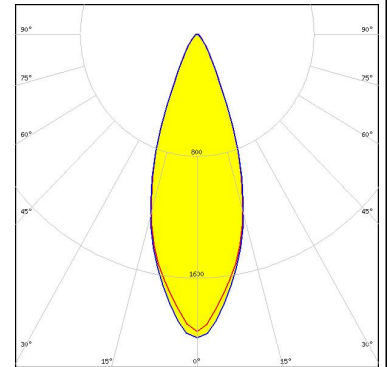
LED XB-D  
FWHM / FWTM 29.0°  
Efficiency 85 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



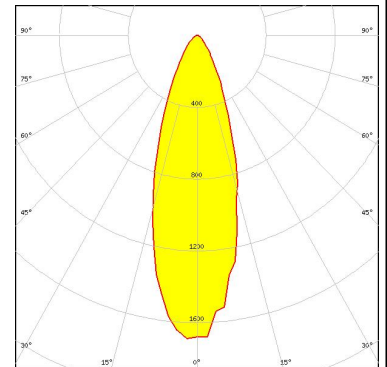
LED XP-E  
FWHM / FWTM 36.0° / 68.0°  
Efficiency 87 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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:



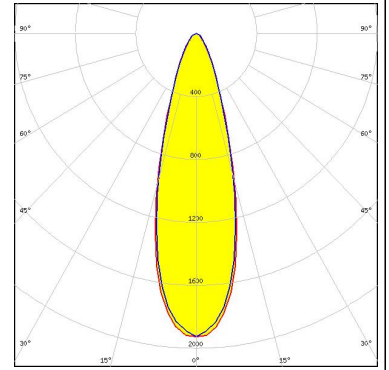
LED LUXEON A  
FWHM / FWTM 34.0° / 69.0°  
Efficiency 82 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OPTICAL RESULTS (MEASURED):

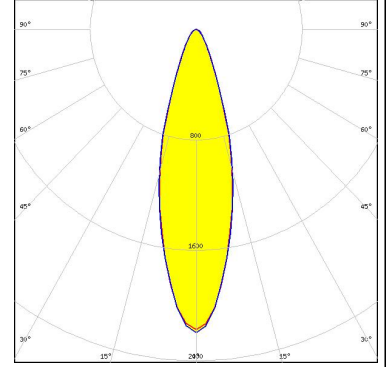
##### LUMILEDS

LED LUXEON Rebel  
FWHM / FWTM 30.0° / 60.0°  
Efficiency 86 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### LUMILEDS

LED LUXEON Rebel ES  
FWHM / FWTM 29.0° / 5.0°  
Efficiency 86 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### NICHIA

LED NCSxx19A  
FWHM / FWTM 28.0° / 62.0°  
Efficiency 86 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

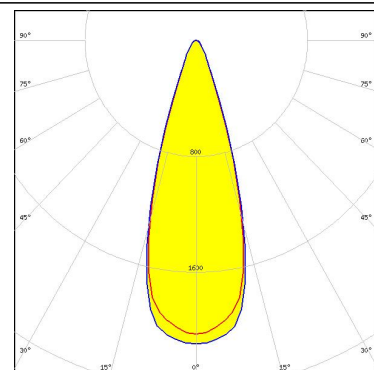
##### NICHIA

LED NVSxx19A  
FWHM / FWTM 33.0° / 71.0°  
Efficiency 86 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### OPTICAL RESULTS (MEASURED):

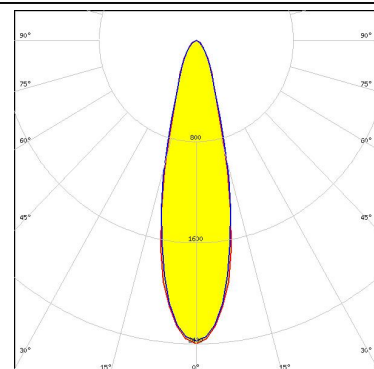
#### OSRAM Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM 34.0° / 56.0°  
Efficiency 89 %  
Peak intensity 2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 26.0° / 60.0°  
Efficiency 87 %  
Peak intensity 2.4 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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