

## ANNA-50-6-M

~20° medium beam with 6 optics

### TECHNICAL SPECIFICATIONS:

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

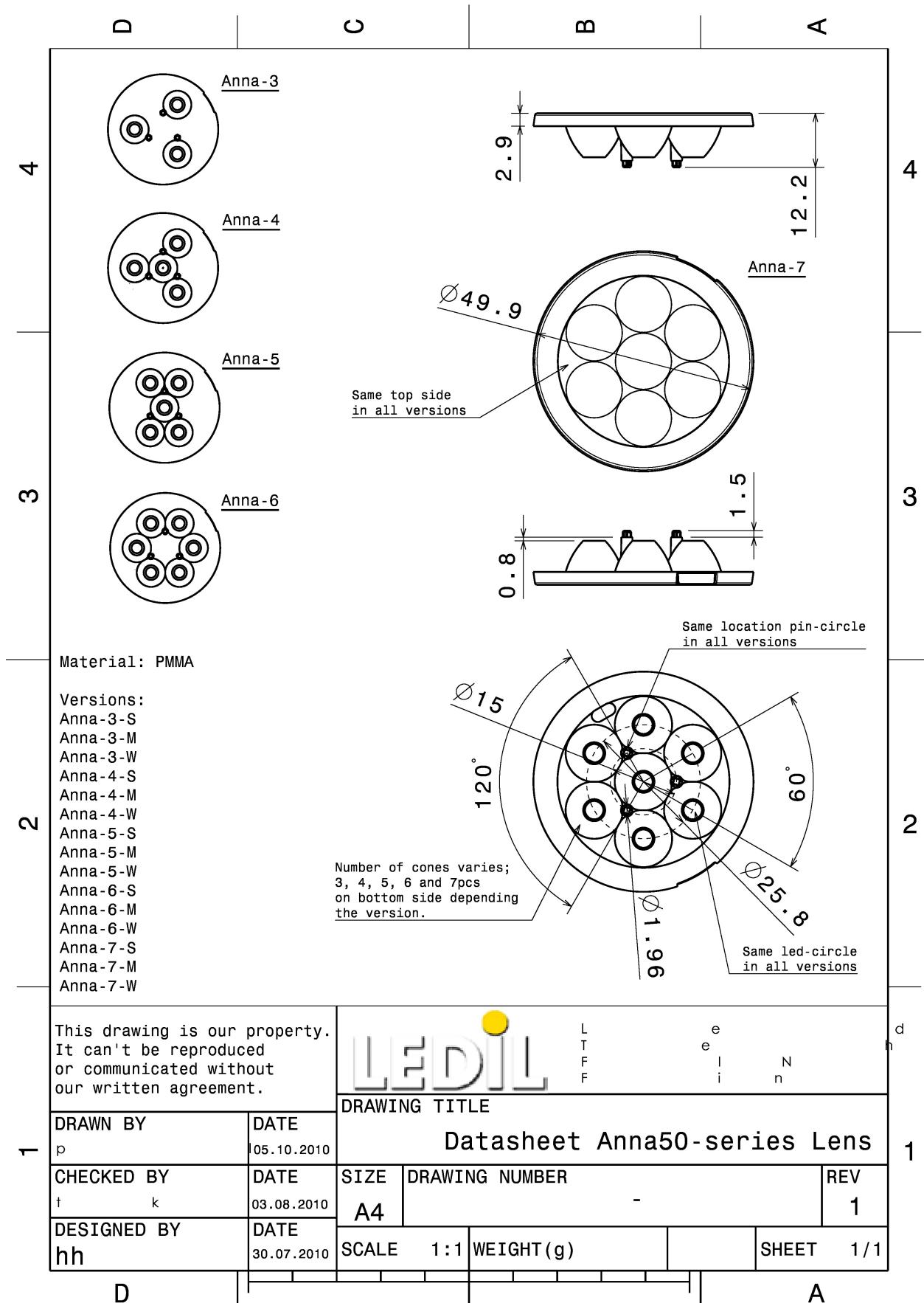


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-50-6-M	Multi-lens	PMMA	clear	

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11812_ANNA-50-6-M » Box size: 480 x 280 x 300 mm	512	96	32	6.5



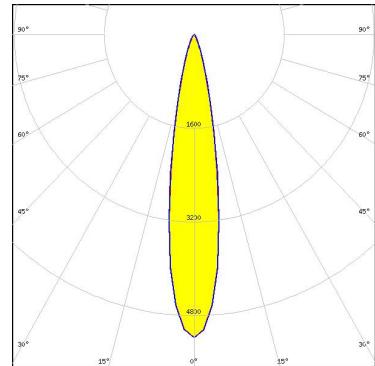
### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XB-D  
FWHM 22.0°  
Efficiency 87 %  
Peak intensity 3.450 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

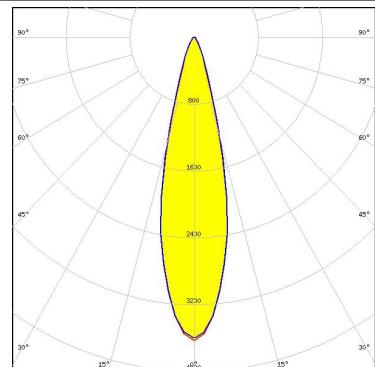
#### CREE

LED XP-E  
FWHM 19.0°  
Efficiency 91 %  
Peak intensity 5.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



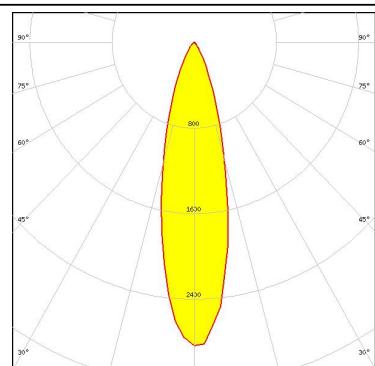
#### CREE

LED XP-G  
FWHM 25.0°  
Efficiency 91 %  
Peak intensity 3.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

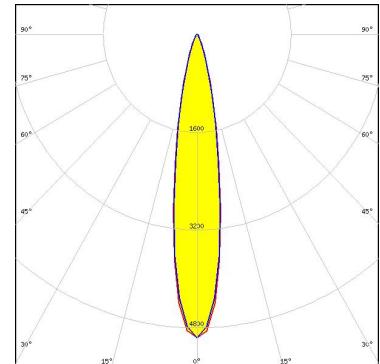
LED LUXEON A  
FWHM 26.0°  
Efficiency 84 %  
Peak intensity 2.840 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (MEASURED):

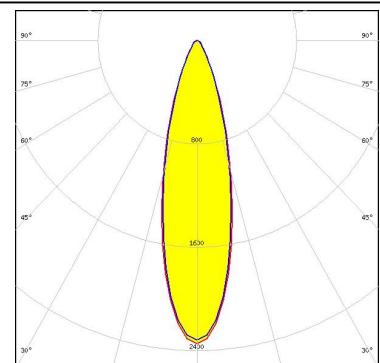
### LUMILEDS

LED LUXEON Rebel  
FWHM 18.0°  
Efficiency 87 %  
Peak intensity 5.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



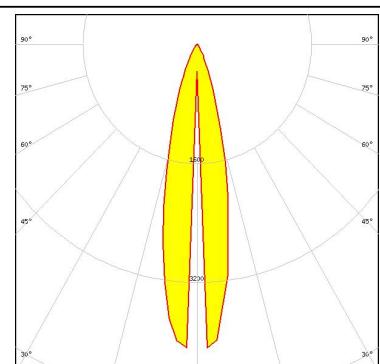
### LUMILEDS

LED LUXEON Rebel ES  
FWHM 27.0°  
Efficiency 87 %  
Peak intensity 2.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### NICHIA

LED NCSxx19A  
FWHM 23.0°  
Efficiency 89 %  
Peak intensity 3.200 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (MEASURED):

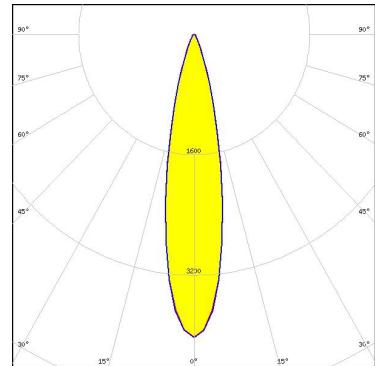


LED NVSxx19A  
 FWHM 25.0°  
 Efficiency 89 %  
 Peak intensity 2.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### OSRAM

Opto Semiconductors

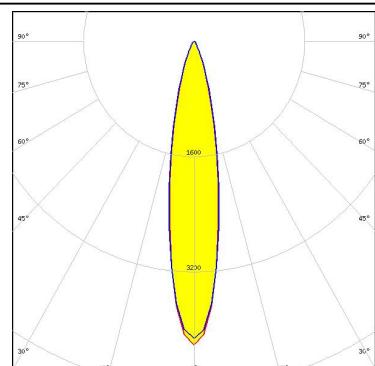
LED OSLON SSL 150  
 FWHM 22.0°  
 Efficiency 89 %  
 Peak intensity 4.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OSRAM

Opto Semiconductors

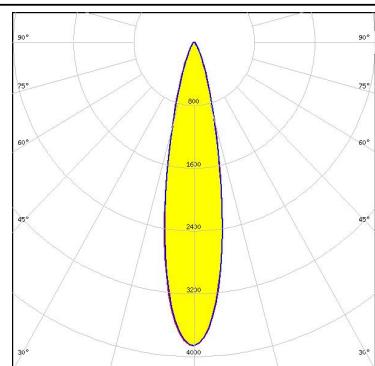
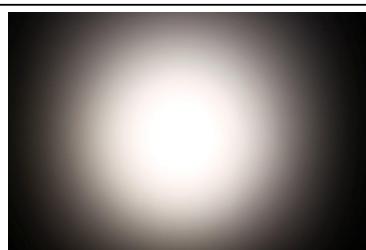
LED OSLON SSL 80  
 FWHM 20.0°  
 Efficiency 88 %  
 Peak intensity 4.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### SEOUL SEMICONDUCTOR

SEOUL SEMICONDUCTOR

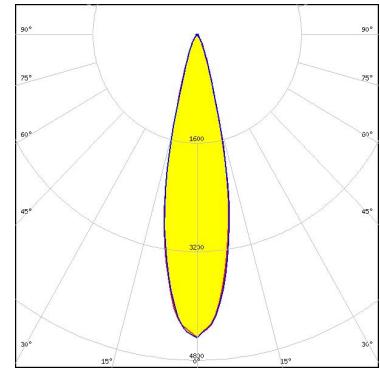
LED Z5M  
 FWHM 23.0°  
 Efficiency 88 %  
 Peak intensity 3.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



## PHOTOMETRIC DATA (SIMULATED):



LED NVSxx19B/NVSxx19C  
FWHM 23.0°  
Efficiency 89 %  
Peak intensity 4.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## SHARP

LED Double Dome (GM2BB)  
FWHM 24.0°  
Efficiency %  
Peak intensity 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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