


## ANNA-50-7-M

~20° medium beam with 7 optics

### TECHNICAL SPECIFICATIONS:

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

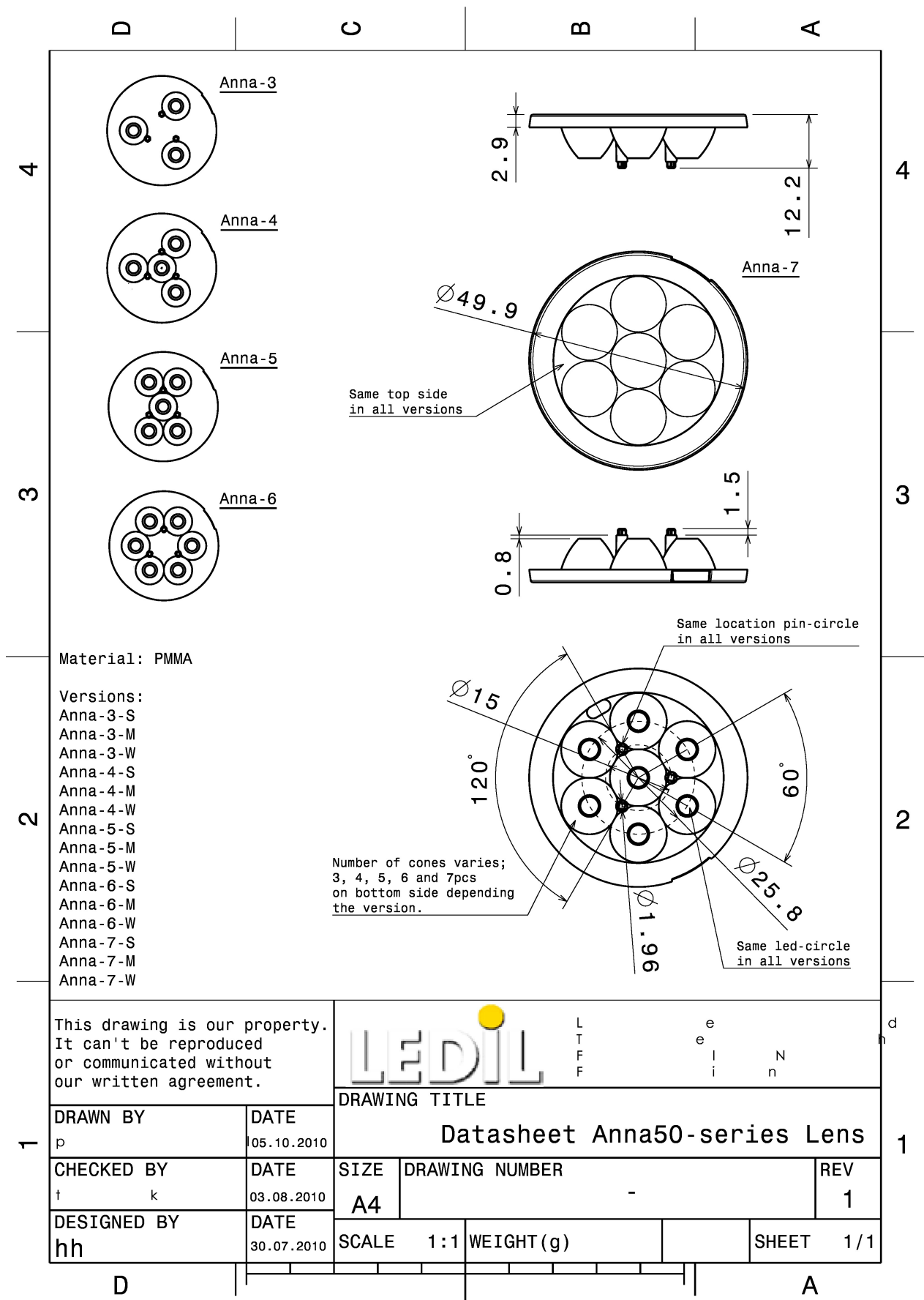
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
ANNA-50-7-M	Multi-lens	PMMA	clear	



### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11679_ANNA-50-7-M » Box size: 480 x 280 x 300 mm	512	96	32	7.1



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L T F F e e e e n n n n

DRAWN BY p		DATE 05.10.2010	DRAWING TITLE Datasheet Anna50-series Lens			
CHECKED BY i k	DATE 03.08.2010	SIZE A4	DRAWING NUMBER -		REV 1	
DESIGNED BY hh	DATE 30.07.2010	SCALE 1:1	WEIGHT (g)	SHEET 1/1		

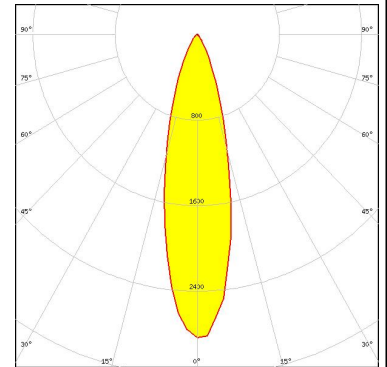
### PHOTOMETRIC DATA (MEASURED):

#### CREE

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

#### LUMILEDS

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

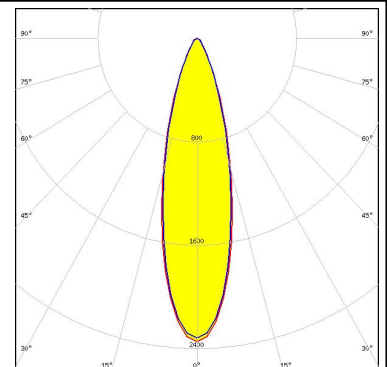


#### LUMILEDS

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:



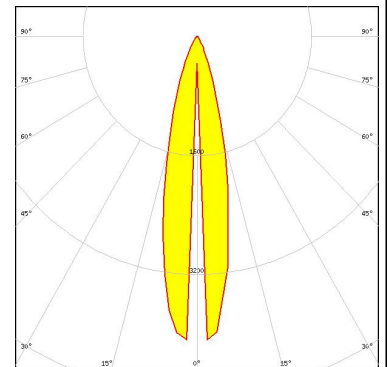
### PHOTOMETRIC DATA (MEASURED):



LED NCSxx19A  
FWHM 23.0°  
Efficiency 89 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



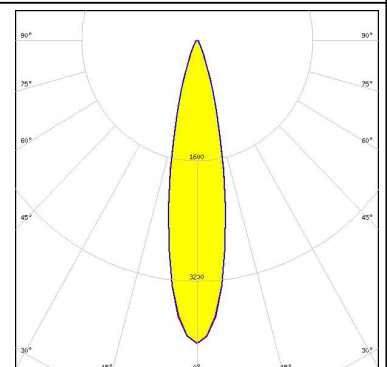
LED NF2x757A  
FWHM 20.0°  
Efficiency 90 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM 25.0°  
Efficiency 89 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



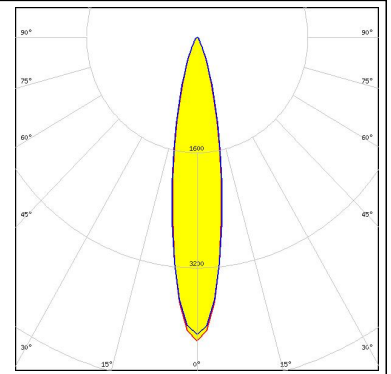
LED OSOLON SSL 150  
FWHM 22.0°  
Efficiency 89 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

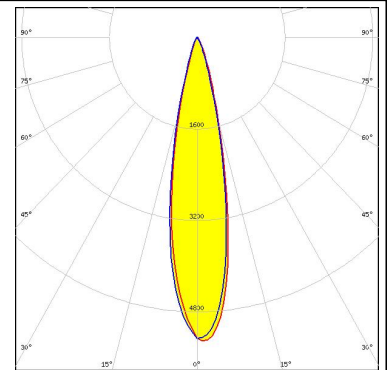
LED OSLON SSL 80  
FWHM 20.0°  
Efficiency 88 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

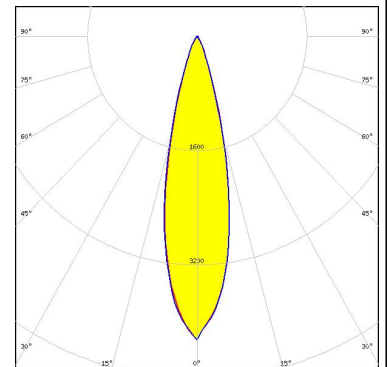
#### LG Innotek

LED LG 3030  
FWHM 21.5°  
Efficiency 94 %  
Peak intensity 5.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### NICHIA

LED NVSxx19B/NVSxx19C  
FWHM 25.0°  
Efficiency 95 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### SEMI 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)

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