

## ANNA-50-7-M

~20° medium beam with 7 optics

### SPECIFICATION:

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

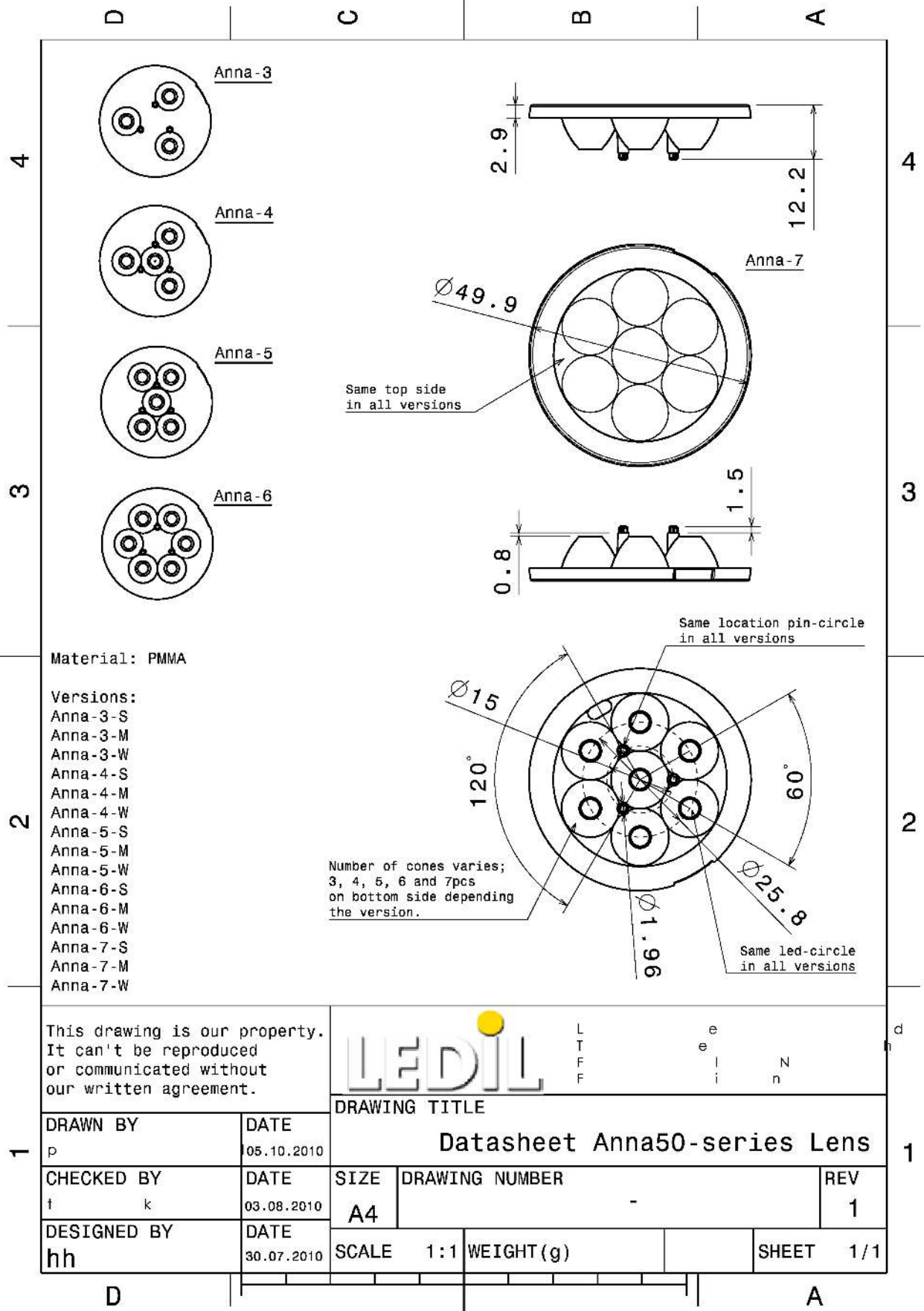


### MATERIALS:

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


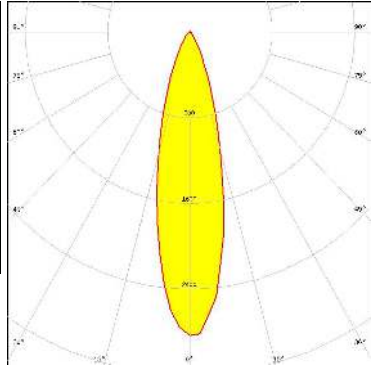
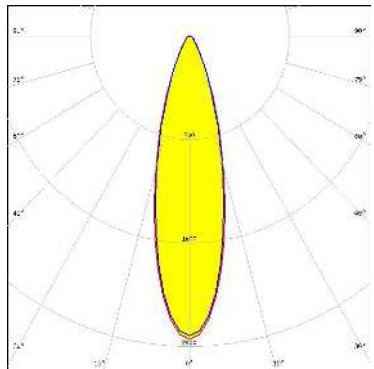
### ORDERING INFORMATION:

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



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

#### OPTICAL RESULTS (MEASURED):

<b>CREE</b> 		
LED	XB-D	
FWHM / FWTM	22.0°	
Efficiency	87 %	
Peak intensity	3.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
<b>LUMILEDS</b>		
LED	LUXEON A	
FWHM / FWTM	26.0° / 55.0°	
Efficiency	84 %	
Peak intensity	2.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
<b>LUMILEDS</b>		
LED	LUXEON Rebel	
FWHM / FWTM	18.0° / 38.0°	
Efficiency	87 %	
Peak intensity	5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
<b>LUMILEDS</b>		
LED	LUXEON Rebel ES	
FWHM / FWTM	27.0° / 56.0°	
Efficiency	87 %	
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		

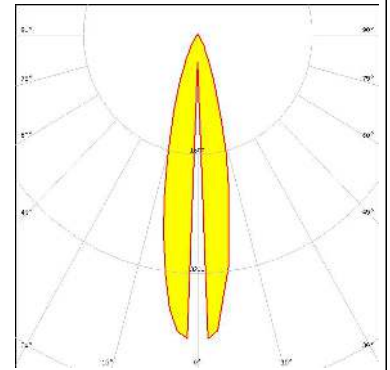
#### OPTICAL RESULTS (MEASURED):



LED NCSxx19A  
FWHM / FWTM 23.0° / 50.0°  
Efficiency 89 %  
Peak intensity 3.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



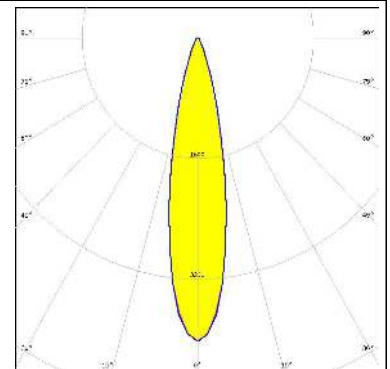
LED NF2x757A  
FWHM / FWTM 20.0° / 43.0°  
Efficiency 90 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM / FWTM 25.0° / 54.0°  
Efficiency 89 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



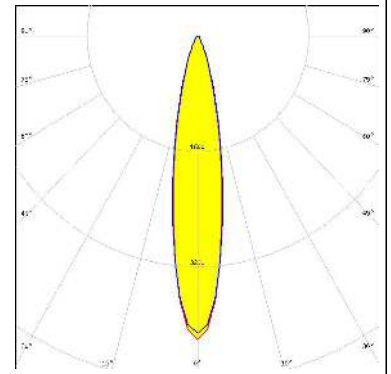
OSRAM  
Opto Semiconductors  
LED OSOLON SSL 150  
FWHM / FWTM 22.0° / 42.0°  
Efficiency 89 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:




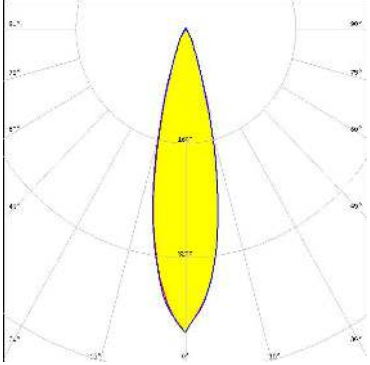


## OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	20.0° / 44.0°
Efficiency	88 %
Peak intensity	4.2 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



### OPTICAL RESULTS (SIMULATED):

		
LED	NVSxx19B/NVSxx19C	
FWHM / FWTM	25.0° / 44.0°	
Efficiency	95 %	
Peak intensity	4.3 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	Z5	
FWHM / FWTM	23.0°	
Efficiency	%	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	Double Dome (GM2BB)	
FWHM / FWTM	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:

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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