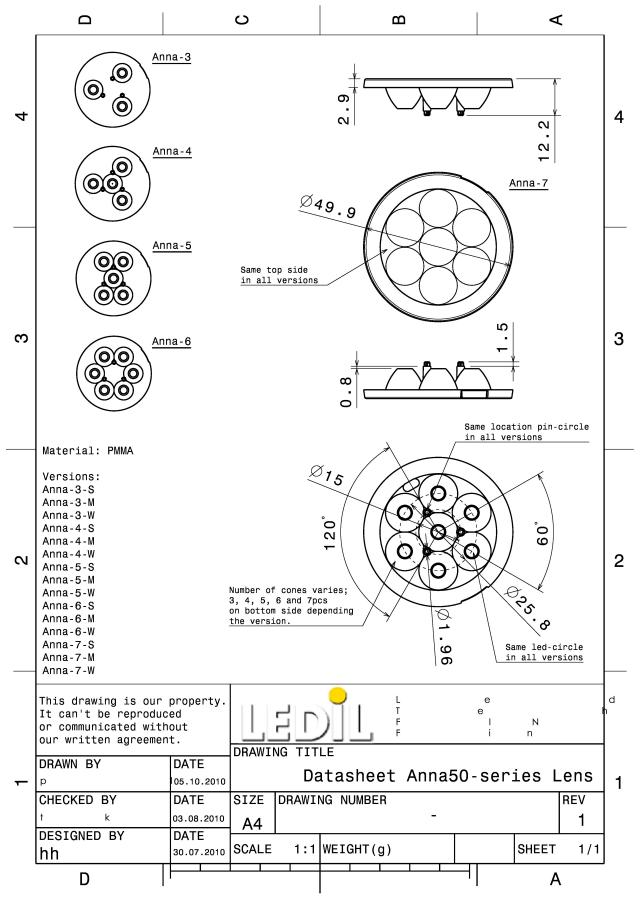


# PRODUCT DATASHEET C11607\_ANNA-50-3-M

ANNA-50-3-M					
~20° medium beam with 3 optics					
SPECIFICATION:					
Dimensions	Ø 50.0 mm			- K	
Height	10.7 mm				
Fastening	glue, pin			61	
ROHS compliant	yes 🛈	LE	Dil	@	
MATERIALS:					
Component	Туре	Material	(	Colour	Finish
ANNA-50-3-M	Multi-lens	PMMA	c	lear	
ORDERING INFORMATION:					
Component		Qty in box	MOQ	MPQ	Box weight (kg)
C11607_ANNA-50-3-M » Box size: 480 x 280 x 300 mm		512	96	32	5.8



## PRODUCT DATASHEET C11607\_ANNA-50-3-M



See also our general installation guide: www.ledil.com/installation\_guide



### **OPTICAL RESULTS (MEASURED):**

-		
LED	XB-D	
FWHM / FWTM	22.0°	
Efficiency	87 %	
Peak intensity	3.5 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts.	
		90 <sup>4</sup> 90 <sup>4</sup>
LED	XP-E	
FWHM / FWTM	19.0° / 38.0°	20-
Efficiency	90 %	
Peak intensity	5.2 cd/lm	60 <sup>5</sup>
LEDs/each optic	1	
Light colour	White	gr*
Required compone		
Required compone	113.	
		600
		30° 36° 36°
		90* 90*
LED	XP-G	
FWHM / FWTM	25.0° / 44.0°	75 75
	23.0 7 44.0 <sup>4</sup> 91 %	
Efficiency		602 604
Peak intensity	3.6 cd/lm	- 1600
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		3230
		$\times$ / $\vee$ $\times$
		30° 35° 35°
	EDS	90* 90*
		50°
LED	LUXEON A	73*
FWHM / FWTM	26.0° / 55.0°	
Efficiency	84 %	60 <sup>4</sup> 60 <sup>4</sup>
Peak intensity	2.8 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
		2430
		30° 35°
		15° 0° 15°



### **OPTICAL RESULTS (MEASURED):**

UMIL	.EDS	90* 9
LED	LUXEON Rebel	275
FWHM / FWTM	18.0° / 38.0°	
Efficiency	87 %	60° 6
Peak intensity	5 cd/lm	
LEDs/each optic	1	
Light colour	White	57 ×
Required compone	ents:	
		 30° 5 0° 15° 5
UMIL	.EDS	90*
LED	LUXEON Rebel ES	75.
FWHM / FWTM	27.0° / 56.0°	
Efficiency	87 %	601 600 6
Peak intensity	2.3 cd/lm	
LEDs/each optic	1	
Light colour	White	es
Required compone	ents:	1 1600
		30° 2450 3
		 10) V 10'
LED	NCSxx19A	
FWHM / FWTM	23.0° / 50.0°	
Efficiency	89 %	
Peak intensity	3.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone		
Maurice	<u> </u>	
<b>ℋNICHI</b> ∕		 90 <sup>4</sup> 9
LED	NF2x757A	 90 <sup>1</sup> 9
LED FWHM / FWTM	NF2x757A 20.0° / 43.0°	
LED FWHM / FWTM Efficiency	NF2x757A 20.0° / 43.0° 90 %	
LED FWHM / FWTM Efficiency Peak intensity	NF2x757A 20.0° / 43.0°	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NF2x757A 20.0° / 43.0° 90 % 4.1 cd/lm 1	39 90 ab
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757A 20.0° / 43.0° 90 % 4.1 cd/lm 1 White	
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	NF2x757A 20.0° / 43.0° 90 % 4.1 cd/lm 1 White	39 90 ab
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757A 20.0° / 43.0° 90 % 4.1 cd/lm 1 White	99 90 120
LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	NF2x757A 20.0° / 43.0° 90 % 4.1 cd/lm 1 White	77 64 



### **OPTICAL RESULTS (MEASURED):**

ØNICHI/		
LED	NVSxx19A	
FWHM / FWTM	25.0° / 54.0°	
Efficiency	89 %	
Peak intensity	2.9 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	nts:	
OSRAM Opto Semiconductors		90* 90*
LED	OSLON SSL 150	
FWHM / FWTM	22.0° / 42.0°	
Efficiency	89 %	
Peak intensity	4 cd/lm	
LEDs/each optic	1	
Light colour	White	at at a second sec
Required compone	ints:	
		34"
OSDAM		12 <sup>5</sup> 0 <sup>4</sup> 12 <sup>5</sup>
OSRAM Opto Semiconductors		90°
LED	OSLON SSL 80	25
FWHM / FWTM	20.0° / 44.0°	
Efficiency	88 %	90
Peak intensity	4.2 cd/lm	
LEDs/each optic	1	
Light colour	White	
Required compone	ints:	20
		314 35
		25° 0 <sup>4</sup> 15°



### **OPTICAL RESULTS (SIMULATED):**

MICHIΛ		50°
LED FWHM / FWTM	NCSxE17A 16.0° / 32.0°	77
Efficiency	94 %	
Peak intensity	8.2 cd/lm	60 <sup>1</sup> 2200 60°
LEDs/each optic	1	
Light colour	White	43° 43°
Required components:		
		6430
		30° 15° 0° 15°
<b>Μ</b> ΝΙCΗΙΛ		90° 90°
LED	NVSxE21A	
FWHM / FWTM	18.0° / 34.0°	1000
Efficiency	95 %	697 69*
Peak intensity	6.7 cd/lm	220
LEDs/each optic	1	
Light colour	White	ga
Required components:		
		$\times$
		6430
		30° - 15° - 30°
SEOUL SEOUL SEMICONDUCTOR		
LED	Z5	
FWHM / FWTM	23.0°	
Efficiency	%	
LEDs/each optic	1	
Light colour	White	
Required components:		
SHAR	P	
LED	Double Dome (GM2BB)	
FWHM / FWTM	24.0°	
Efficiency	%	
LEDs/each optic	1	
	White	
Light colour	winte	
Light colour Required components:	winte	
	winte	
	winte	



## PRODUCT DATASHEET C11607\_ANNA-50-3-M

#### **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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