

**Ordering number C11811\_ANNA-50-6-S**

Family	Anna-50-6	FWHM	(simulated) 12
Type	Lens array	Efficiency	(simulated) 0 %
LED	Double Dome (GM2BB)	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue, pin		
Status	Ready		

**Ordering number C11812\_ANNA-50-6-M**

Family	Anna-50-6	FWHM	(simulated) 24
Type	Lens array	Efficiency	(simulated) 0 %
LED	Double Dome (GM2BB)	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

**Ordering number C11813\_ANNA-50-6-W**

Family	Anna-50-6	FWHM	(simulated) 40
Type	Lens array	Efficiency	(simulated) 0 %
LED	Double Dome (GM2BB)	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

**NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.**



## PRODUCT DATASHEET

### Anna-50-6 series

last update 25/10/2012

**SHARP**

#### GENERAL INFORMATION

- Product series especially designed & optimized for Double Dome (GM2BB) series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

Please find more information about used material from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf)

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>



Material: PMMA

- Versions:  
 Anna-3-S  
 Anna-3-M  
 Anna-3-W  
 Anna-4-S  
 Anna-4-M  
 Anna-4-W  
 Anna-5-S  
 Anna-5-M  
 Anna-5-W  
 Anna-6-S  
 Anna-6-M  
 Anna-6-W  
 Anna-7-S  
 Anna-7-M  
 Anna-7-W

Number of cones varies;  
 3, 4, 5, 6 and 7 pcs  
 on bottom side depending  
 the version.

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DRAWING TITLE

DRAWN BY  
p

DATE  
05.10.2010

Datasheet Anna50-series Lens

CHECKED BY  
t 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

4

4

3

3

2

2

1

1

D

A