

**Ordering number C11811_ANNA-50-6-S**

Family	Anna-50-6	FWHM	19 degrees
Type	Lens array	Efficiency	87 %
LED	LUXEON A	cd/lm	5.710
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 C11812_ANNA-50-6-M

Family	Anna-50-6	FWHM	26 degrees
Type	Lens array	Efficiency	84 %
LED	LUXEON A	cd/lm	2.840
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	34 degrees
Type	Lens array	Efficiency	82 %
LED	LUXEON A	cd/lm	1.680
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

PHILIPS
LUMILEDS

GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON A 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%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

3

2

1

4

3

2

1

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