

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

Family	Anna-50-6	FWHM	13 degrees
Type	Lens array	Efficiency	92 %
LED	LUXEON Rebel	cd/lm	9.300
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	18 degrees
Type	Lens array	Efficiency	87 %
LED	LUXEON Rebel	cd/lm	5.000
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	30 degrees
Type	Lens array	Efficiency	86 %
LED	LUXEON Rebel	cd/lm	1.900
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 Rebel 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

4

3

3

2

2

1

1

D

A