

Ordering number C11714_ANNA-40-5-M



Family	Anna-40-5	FWHM	22 degrees
Type	Lens array	Efficiency	87 %
LED	XB-D	cd/lm	3.450
Color	Clear	Gerber File	Available
Diameter	40 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	On production		

Ordering number C11715_ANNA-40-5-W



Family	Anna-40-5	FWHM	29 degrees
Type	Lens array	Efficiency	85 %
LED	XB-D	cd/lm	2.170
Color	Clear	Gerber File	Available
Diameter	40 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	On production		

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.

GENERAL INFORMATION

- Product series especially designed & optimized for XB-D 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:

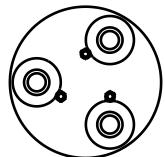
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf>

D

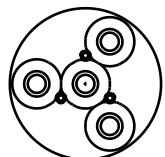
C

B

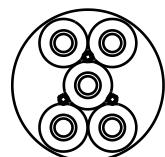
A



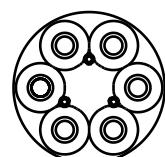
Anna-3



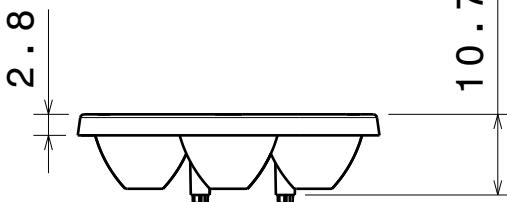
Anna-4



Anna-5



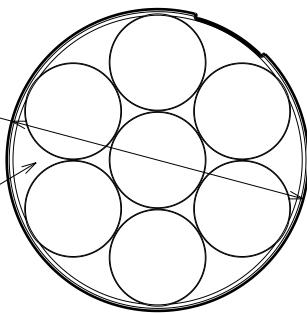
Anna-6



10.7

2.8

∅ 39.9

Same top side
in all versions

1.5

0.8

Same location pin-circle
in all versions

60°

30°

∅ 15

∅ 25.8

∅ 2

Number of cones varies;
3, 4, 5, 6 and 7pcs
on bottom side depending
the version.Same led-circle
in all versions

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-M2
Anna-7-W

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DRAWING TITLE

Ledil Oy
Salarankau 10
FIN-24100 SALO
Finland

Datasheet Anna40-series Lens

DRAWN BY ah DATE 8.12.2011

SIZE A4 DRAWING NUMBER Anna-40 REV 4

CHECKED BY pv DATE 8.12.2011

SCALE 1:1 WEIGHT(g)

DESIGNED BY hh DATE 30.07.2010

SHEET 1/1

D

A

4

3

2

1