

**Ordering number C11793_ANNA-40-4-S**

Family	Anna-40-4	FWHM	19 degrees
Type	Lens array	Efficiency	87 %
LED	LUXEON A	cd/lm	5.710
Color	Clear	Gerber File	Available
Diameter	40 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

Ordering number C11794_ANNA-40-4-M

Family	Anna-40-4	FWHM	26 degrees
Type	Lens array	Efficiency	84 %
LED	LUXEON A	cd/lm	2.840
Color	Clear	Gerber File	Available
Diameter	40 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

Ordering number C11795_ANNA-40-4-W

Family	Anna-40-4	FWHM	33 degrees
Type	Lens array	Efficiency	82 %
LED	LUXEON A	cd/lm	1.680
Color	Clear	Gerber File	Available
Diameter	40 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-40-4 series

last update 27/3/2012

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>

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C

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A

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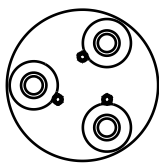
3

2

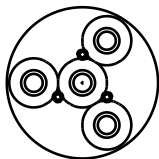
2

1

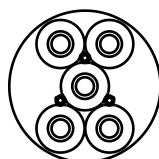
1



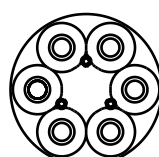
Anna-3



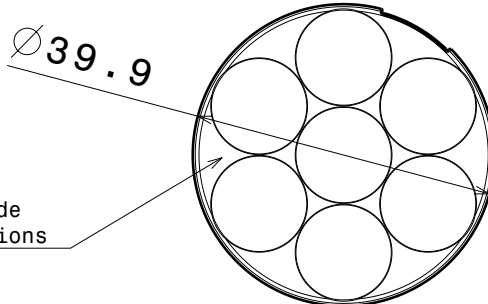
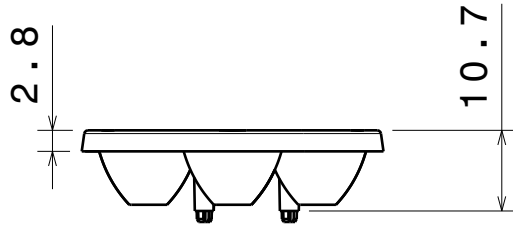
Anna-4



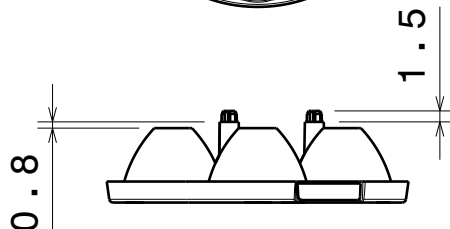
Anna-5



Anna-6

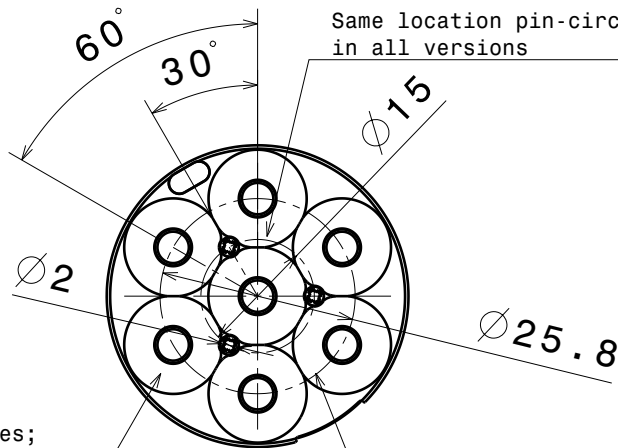


Anna-7



Same top side in all versions

Same location pin-circle in all versions



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-W

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DRAWING TITLE

Datasheet Anna40-series Lens

DRAWN BY

DATE

p

12.10.2010

CHECKED BY

DATE

s n

12.10.2010

DESIGNED BY

DATE

hh

30.07.2010

SIZE

DRAWING NUMBER

REV

A4

-

1

SCALE

1:1

WEIGHT (g)

SHEET

1/1

D

A