

**Ordering number C12289\_ANNA-40-7-M2**

Family	Anna-40-7	FWHM	(simulated) 36
Type	Lens array	Efficiency	-
LED	Z5	cd/lm	-
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.**



**PRODUCT DATASHEET**  
**Anna-40-7 series**  
last update 27/3/2012



**GENERAL INFORMATION**

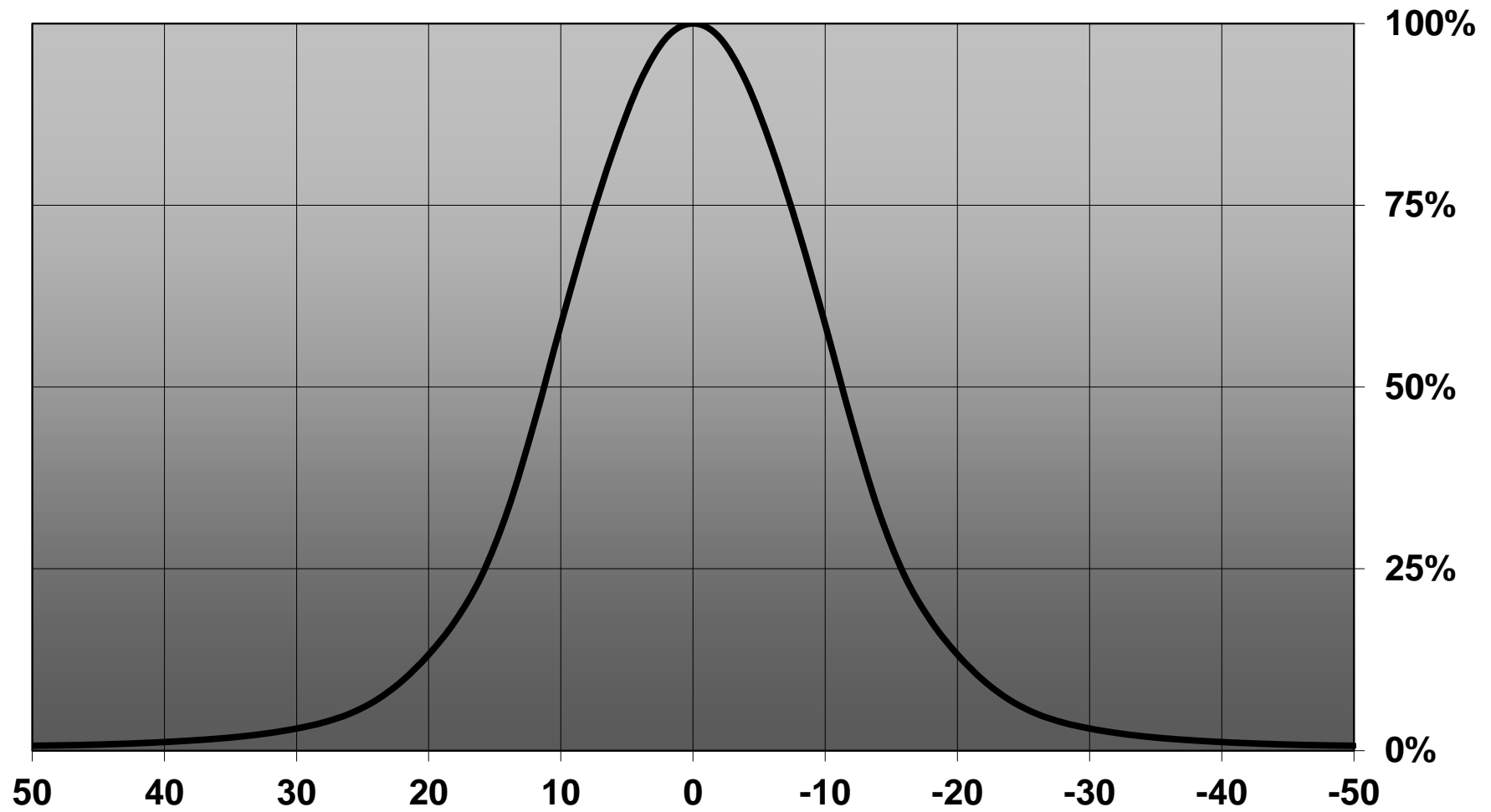
- Product series especially designed & optimized for Z5 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

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>

Relative intensity of C12289\_Anna-40-7-M2 (Rebel)



D

C

B

A

4

4

3

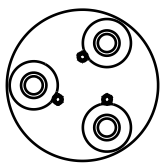
3

2

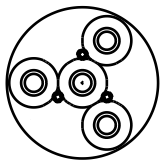
2

1

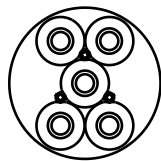
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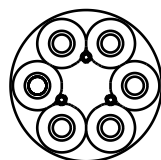
Anna-3



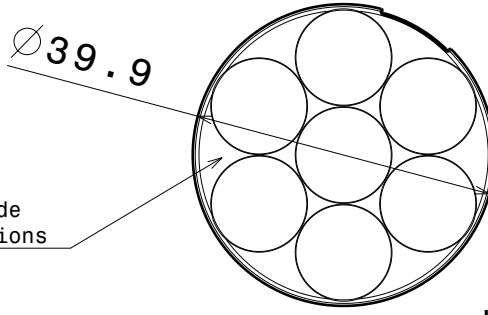
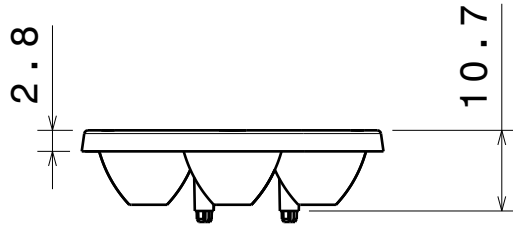
Anna-4



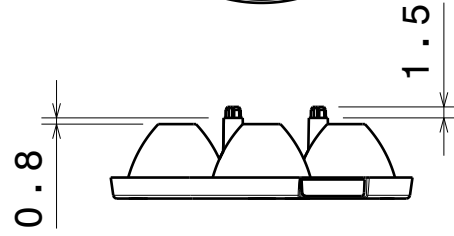
Anna-5



Anna-6

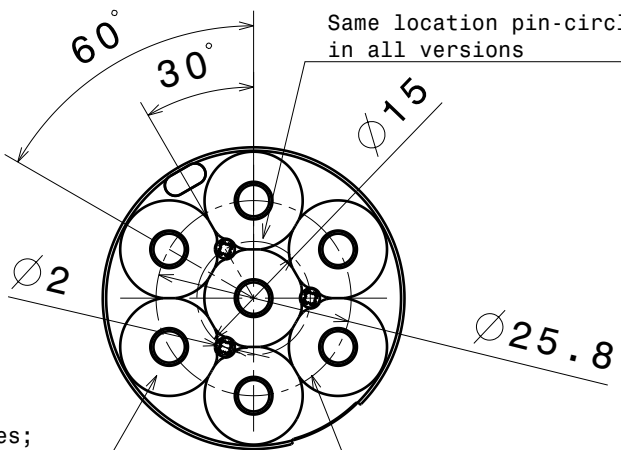


Anna-7



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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L T F F e i n e i n

DRAWING TITLE Datasheet Anna40-series Lens

DRAWN BY p	DATE 12.10.2010
CHECKED BY s n	DATE 12.10.2010
DESIGNED BY hh	DATE 30.07.2010

SIZE A4	DRAWING NUMBER -	REV 1
SCALE 1:1	WEIGHT (g)	SHEET 1/1

D

A