

Ordering number C11670_ANNA-50-7-S



Family	Anna-50-7	FWHM	18 degrees
Type	Lens array	Efficiency	93 %
LED	XP-G	cd/lm	5.940
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 C11679_ANNA-50-7-M



Family	Anna-50-7	FWHM	25 degrees
Type	Lens array	Efficiency	91 %
LED	XP-G	cd/lm	3.600
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 C11682_ANNA-50-7-W



Family	Anna-50-7	FWHM	36 degrees
Type	Lens array	Efficiency	87 %
LED	XP-G	cd/lm	2.000
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	Ready		

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.

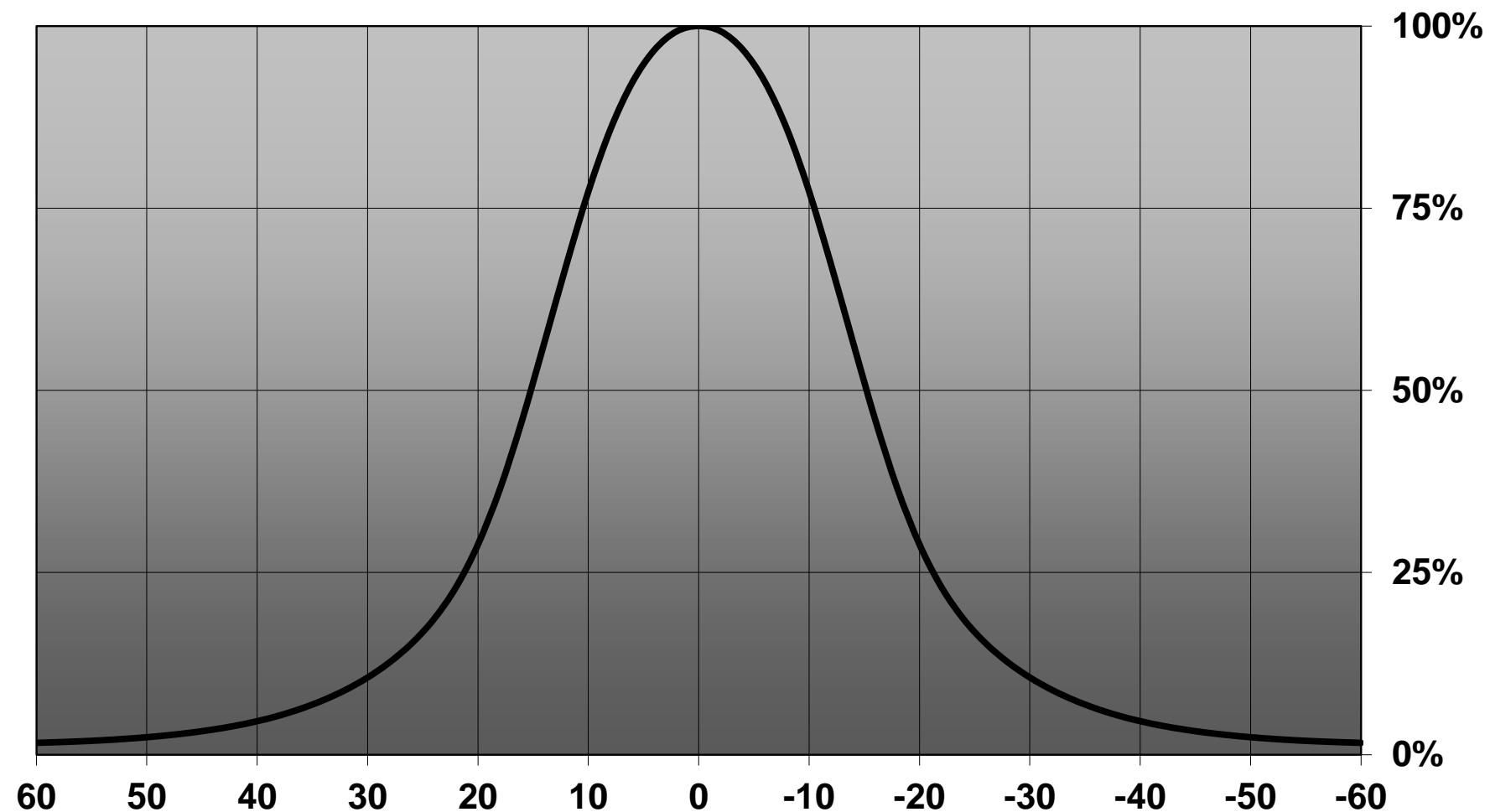
GENERAL INFORMATION

- Product series especially designed & optimized for XP-G 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>

Relative intensity of C11682-Anna-50-7-W-R

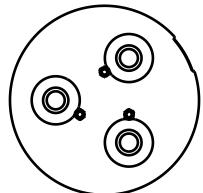


D

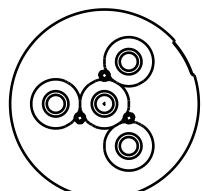
C

B

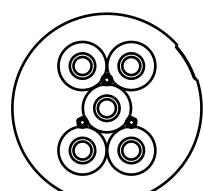
A



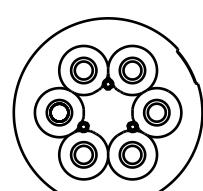
Anna-3



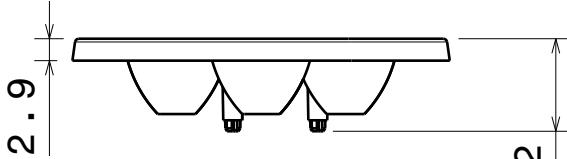
Anna-4



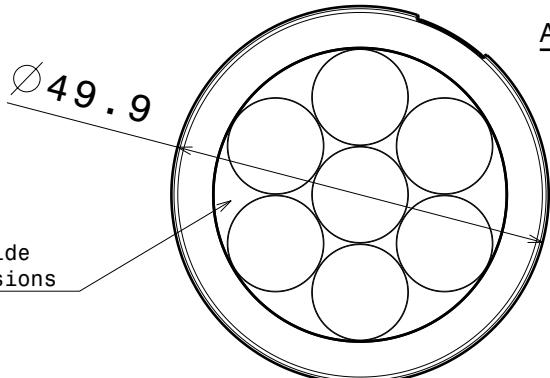
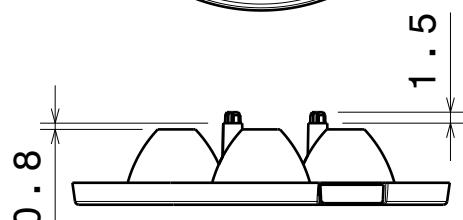
Anna-5



Anna-6



Anna-7

Same top side
in all versionsSame location pin-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

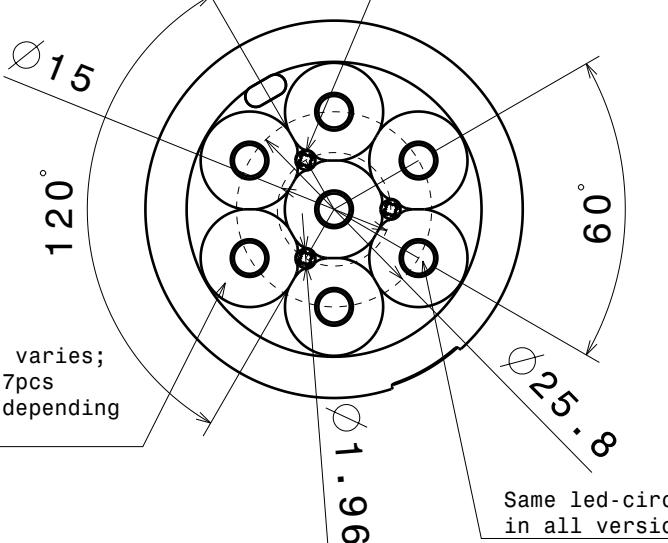
Anna-6-M

Anna-6-W

Anna-7-S

Anna-7-M

Anna-7-W

Number of cones varies;
3, 4, 5, 6 and 7pcs
on bottom side depending
the version.

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LEDIL
DRAWING TITLE

Datasheet Anna50-series Lens

DRAWN BY p DATE 05.10.2010

CHECKED BY t k DATE 03.08.2010

DESIGNED BY hh DATE 30.07.2010

SIZE A4 DRAWING NUMBER - REV 1

SCALE 1:1 WEIGHT(g)

SHEET 1/1

D

A