



<b>Ordering number</b>	<b>C11716</b>		
<b>Description</b>	<b>C11716_Anna-40-7-S-XP-G</b>		
Family	Anna-40-7	FWHM	degrees
Type	Lens	Efficiency	-
LED	XP-G	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	40 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Ready		



<b>Ordering number</b>	<b>C11718</b>		
<b>Description</b>	<b>C11718_Anna-40-7-W-XP-G</b>		
Family	Anna-40-7	FWHM	degrees
Type	Lens	Efficiency	-
LED	XP-G	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	40 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
Status	Ready		



<b>Ordering number</b>	<b>C11717</b>		
<b>Description</b>	<b>C11717_Anna-40-7-M-XP-G</b>		
Family	Anna-40-7	FWHM	28 degrees
Type	Lens	Efficiency	-
LED	XP-G	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	40 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	-		
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-40-7 series



### 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 (105 degrees of Celcius / 220 degrees of Fahrenheit). 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>

D

C

B

A

4

4

3

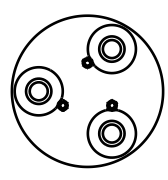
3

2

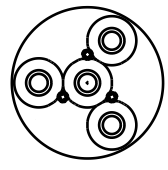
2

1

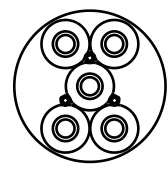
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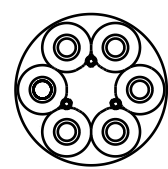
Anna-3



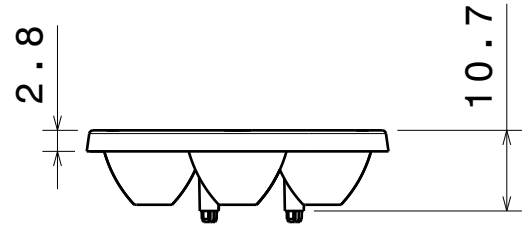
Anna-4



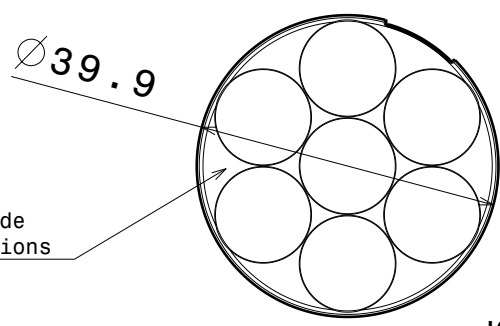
Anna-5



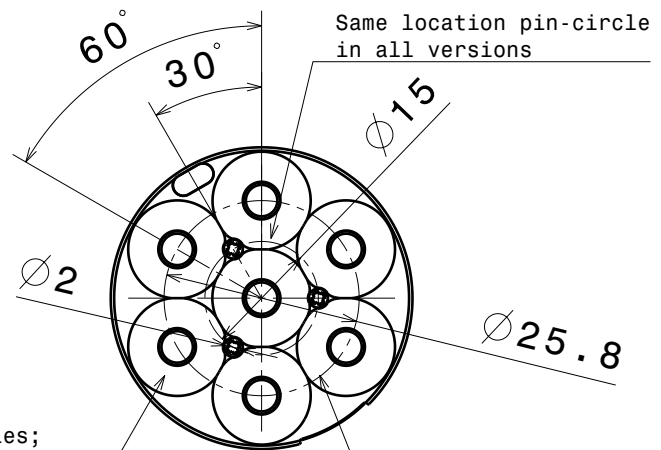
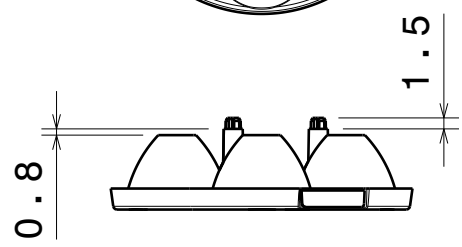
Anna-6



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 e 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