

**Product number C11710_ANNA-40-3-S**

Family	Anna-40-3	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	Production ready		

Product number C11711_ANNA-40-3-M

Family	Anna-40-3	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	["glue", "pin"]		
Status	Production ready		

Product number C11712_ANNA-40-3-W

Family	Anna-40-3	FWHM	34 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	["glue", "pin"]		
Status	Production 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-40-3 series

last update 16/9/2014

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

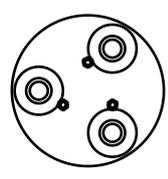
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

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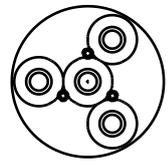
C

B

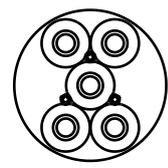
A



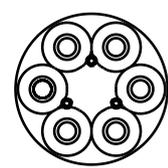
Anna-3



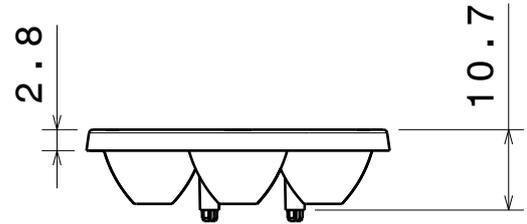
Anna-4



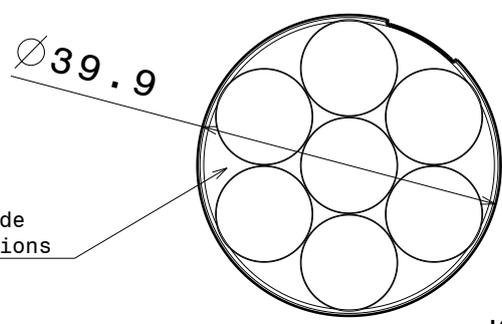
Anna-5



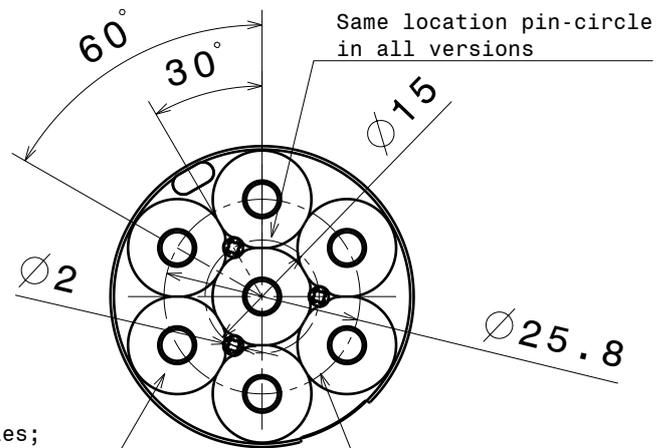
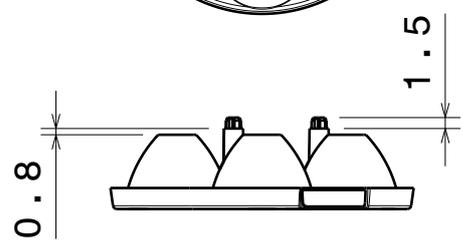
Anna-6



Anna-7



Same top side in all versions



Same location pin-circle in all versions

Same led-circle in all versions

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

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 e i n 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

4

4

3

3

2

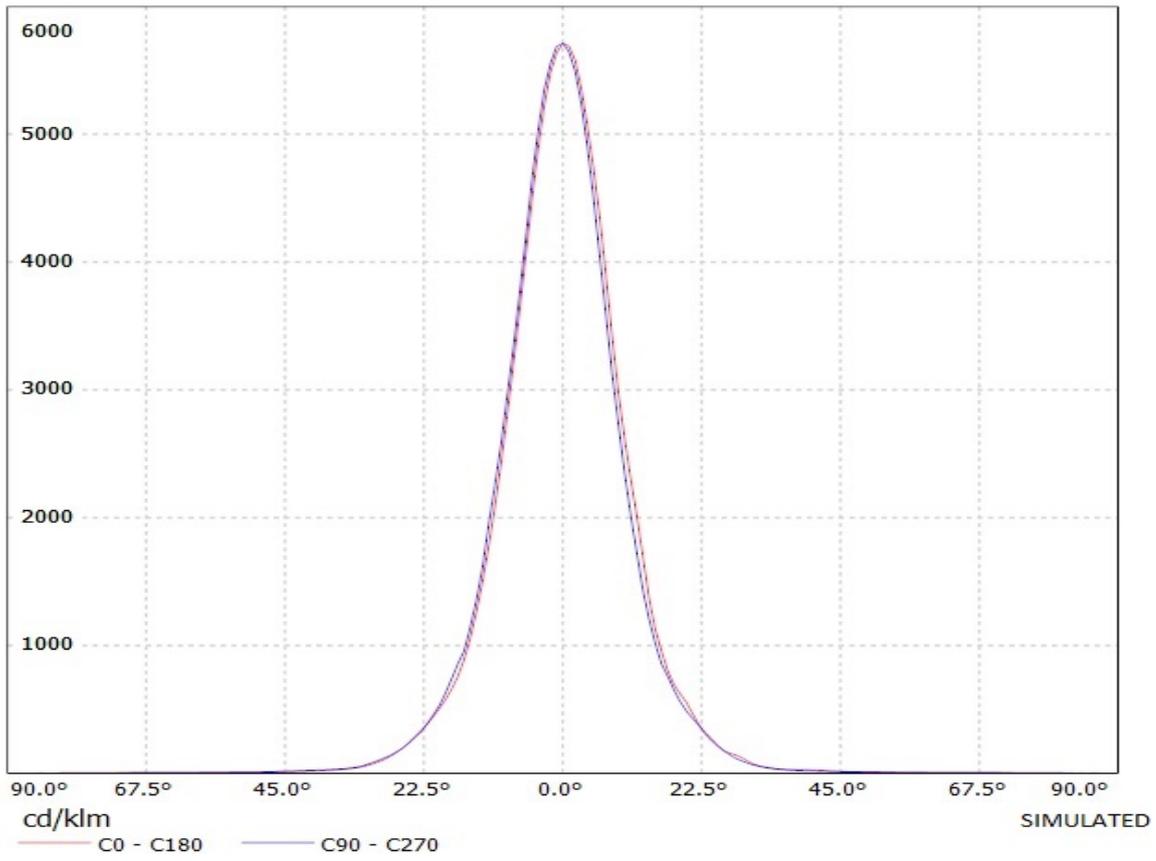
2

1

1

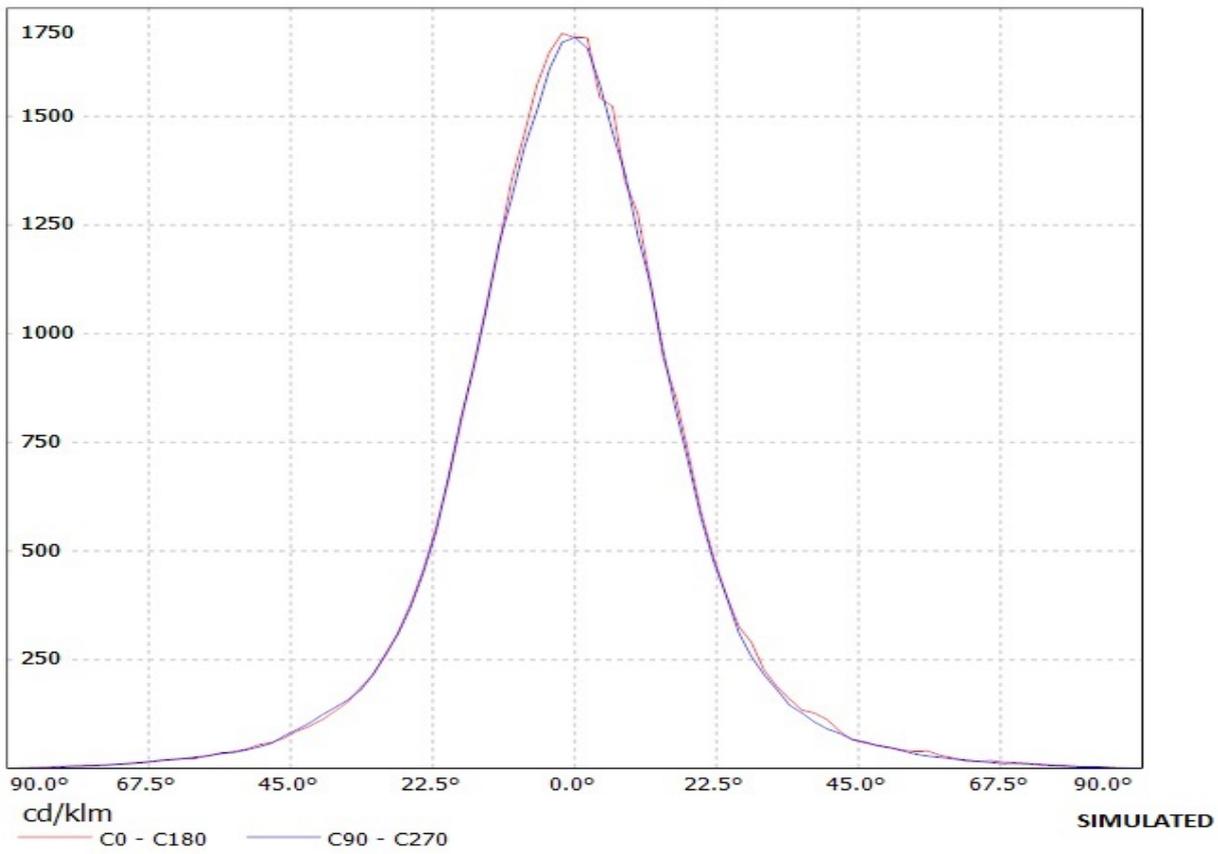
Ledil Oy C11710_Ana-40-3-S-RE-A Efficiency=87% / LDC (Linear)

Luminaire: Ledil Oy C11710_Ana-40-3-S-RE-A Efficiency=87%
Lamps: 1 x Luxeon-A 222lm 250mA



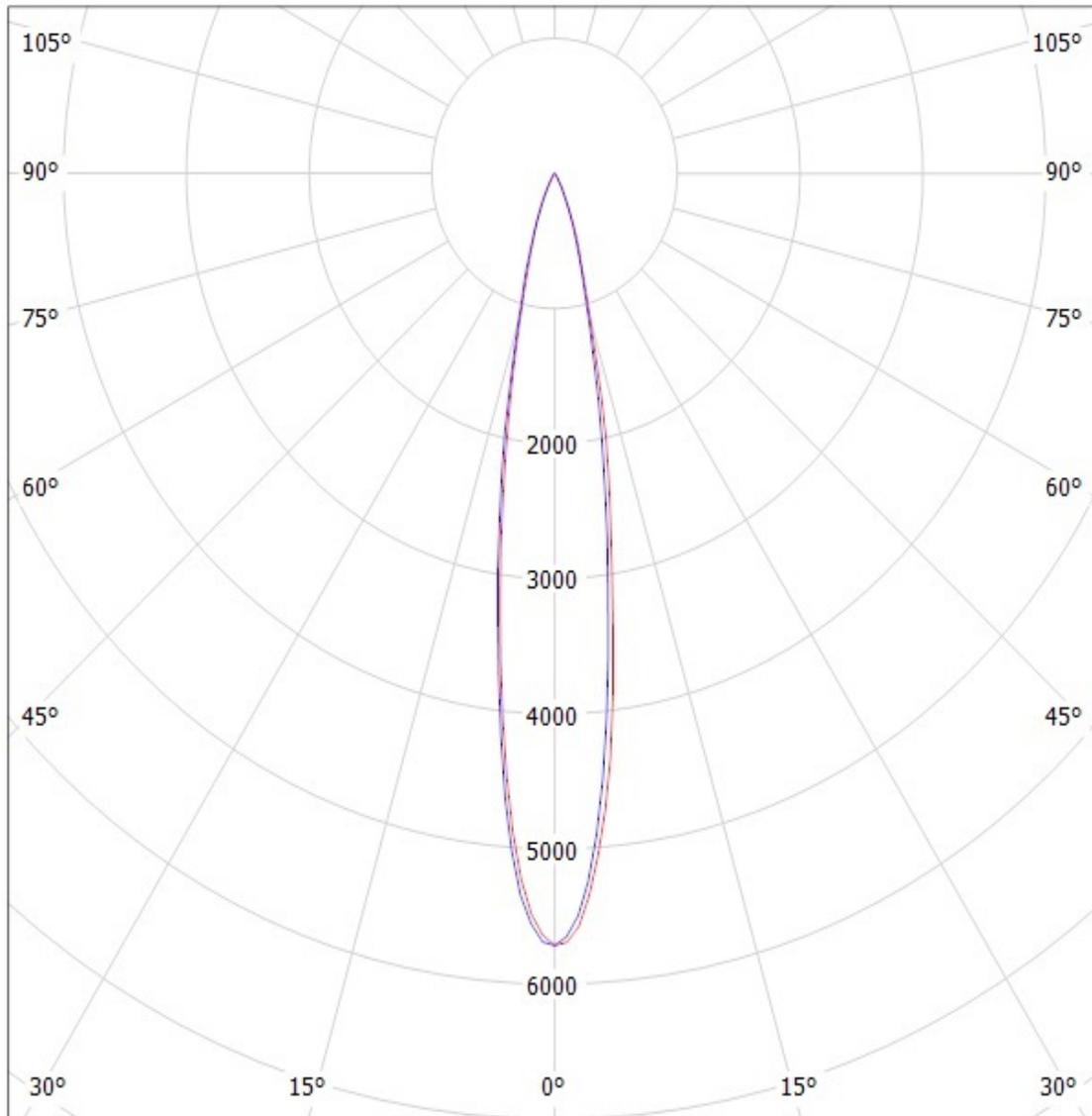
Ledil Oy C11712_AnnA-40-3-W-RE-A Efficiency=82% / LDC (Linear)

Luminaire: Ledil Oy C11712_AnnA-40-3-W-RE-A Efficiency=82%
Lamps: 1 x Luxeon-A 222lm 250mA



Ledil Oy C11710_AnnA-40-3-S-RE-A Efficiency=87% / LDC (Polar)

Luminaire: Ledil Oy C11710_AnnA-40-3-S-RE-A Efficiency=87%
Lamps: 1 x Luxeon-A 222lm 250mA



cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy C11712_AnnA-40-3-W-RE-A Efficiency=82% / LDC (Polar)

Luminaire: Ledil Oy C11712_AnnA-40-3-W-RE-A Efficiency=82%
Lamps: 1 x Luxeon-A 222lm 250mA

