

**Ordering number** C11812\_ANNA-50-6-M

Family	Anna-50-6	FWHM	20 degrees
Type	Lens array	Efficiency	90 %
LED	NF2x757A	cd/lm	4.080
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.**



**PRODUCT DATASHEET**  
**Anna-50-6 series**  
last update 16/4/2012



**GENERAL INFORMATION**

- Product series especially designed & optimized for NF2x757A 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>



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 7 pcs  
 on bottom side depending  
 the version.

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L T F F e e i n

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 <b>A4</b>	DRAWING NUMBER -	REV <b>1</b>
SCALE <b>1:1</b>	WEIGHT (g)	SHEET <b>1/1</b>

4

3

2

1

4

3

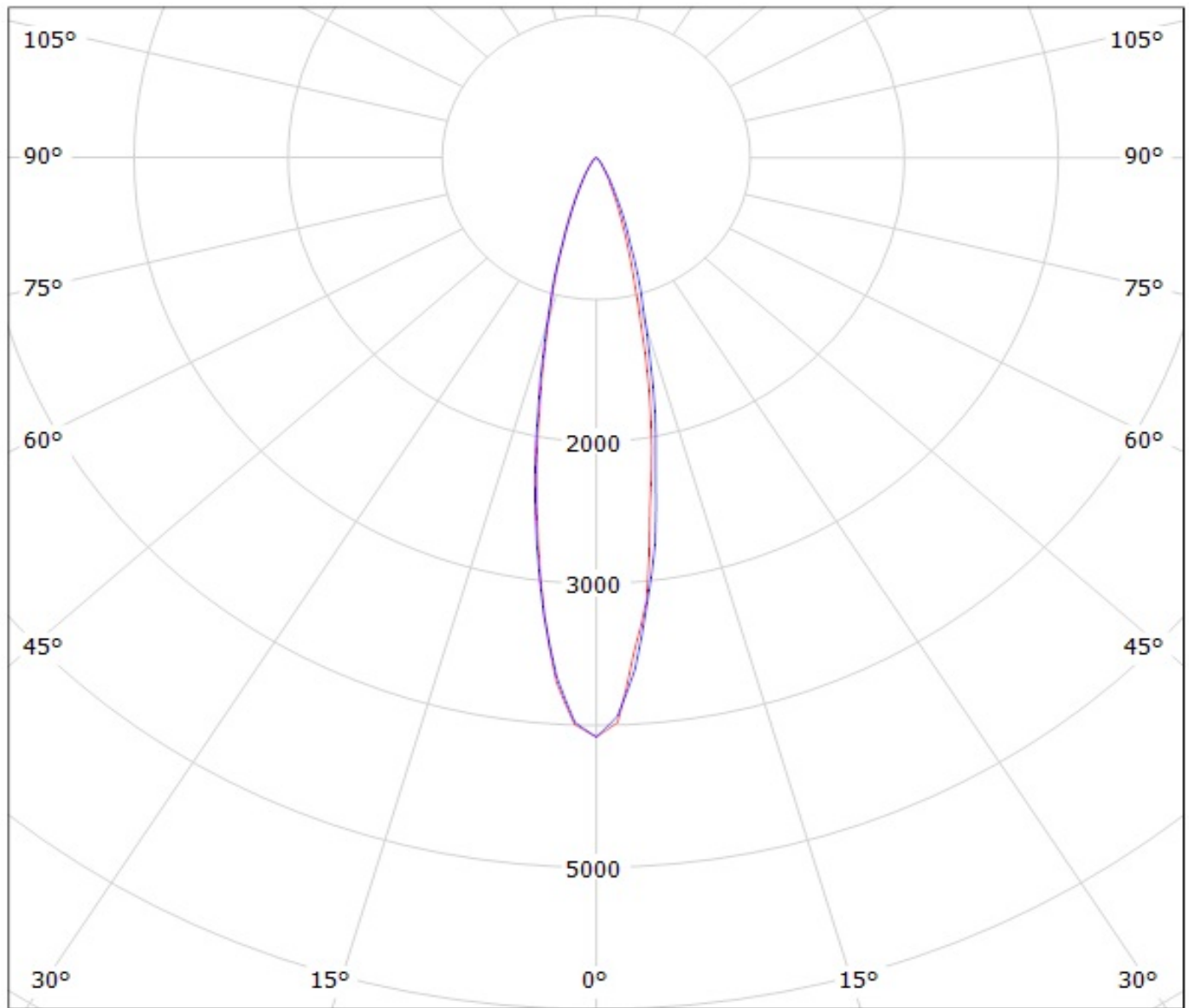
2

1

D

A

Luminaire: Ledil Oy C11812\_ANNA-50-6-M-757 (Nichia 757 194lm @ 100mA) LOR=90%  
Lamps: 1 x Nichia 757 194lm @ 100mA



cd/klm

— C0 - C180

— C90 - C270