

PRODUCT DATASHEET  
Anna-50-4 series

last update 7/3/2014

Product number **C11799\_ANNA-50-4-S**

Family	Anna-50-4	FWHM	18 degrees
Type	Lens array	Efficiency	93 %
LED	LUXEON Rebel ES	cd/lm	6.100
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	On production		

Product number **C11800\_ANNA-50-4-M**

Family	Anna-50-4	FWHM	27 degrees
Type	Lens array	Efficiency	87 %
LED	LUXEON Rebel ES	cd/lm	2.300
Color	Clear	Gerber File	Available
Diameter	50 mm		
Height	10.7 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, glue		
Status	On production		

Product number **C11801\_ANNA-50-4-W**

Family	Anna-50-4	FWHM	29 degrees
Type	Lens array	Efficiency	86 %
LED	LUXEON Rebel ES	cd/lm	2.200
Color	Clear	Gerber File	Available
Diameter	50 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-50-4 series

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### GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON Rebel ES 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:

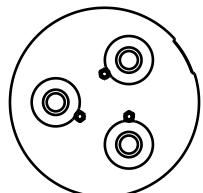
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<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf>

D

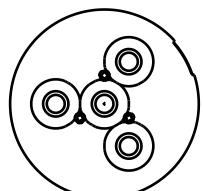
C

B

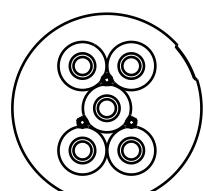
A



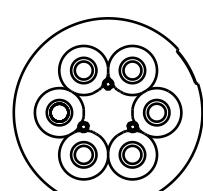
Anna-3



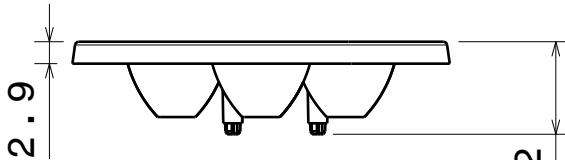
Anna-4



Anna-5

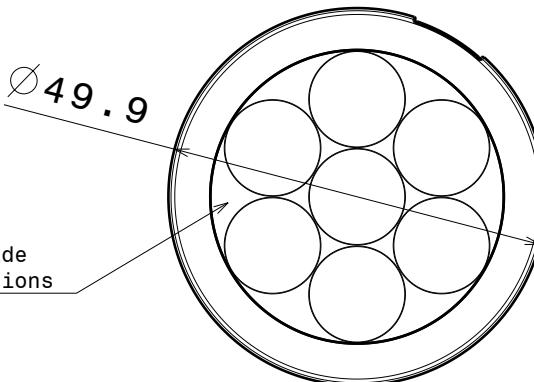


Anna-6

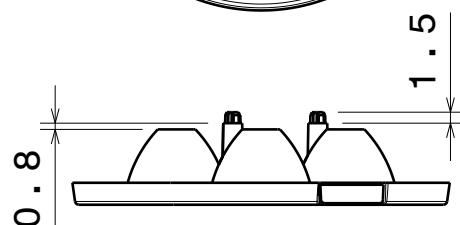


12.2

2.9



Anna-7

Same top side  
in all versions

1.5

0.8

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

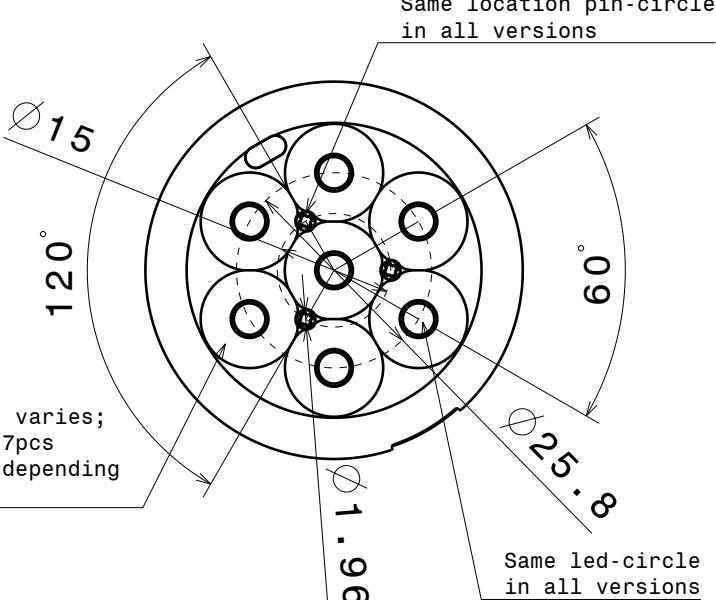
Anna-6-M

Anna-6-W

Anna-7-S

Anna-7-M

Anna-7-W

Same location pin-circle  
in all versionsSame led-circle  
in all versions

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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

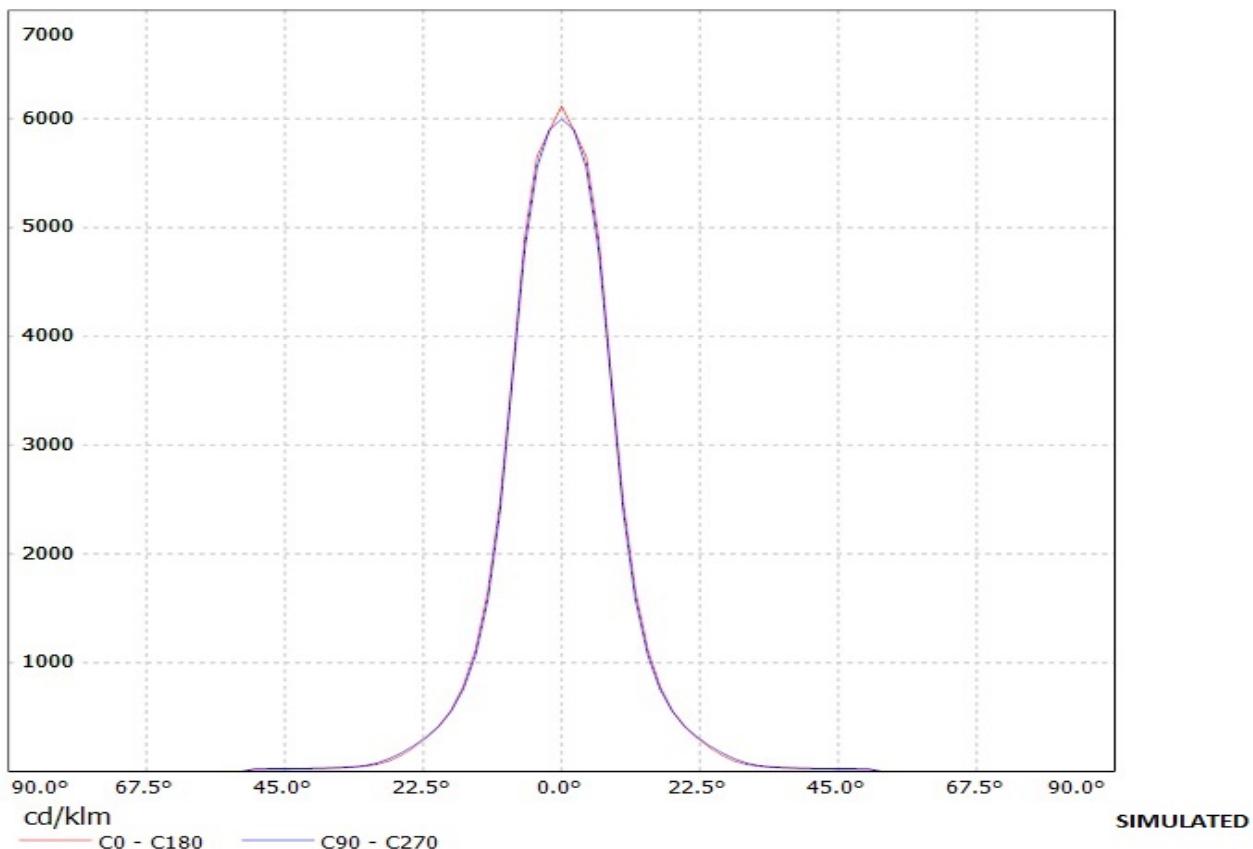
SCALE 1:1 WEIGHT(g) SHEET 1/1

D

A

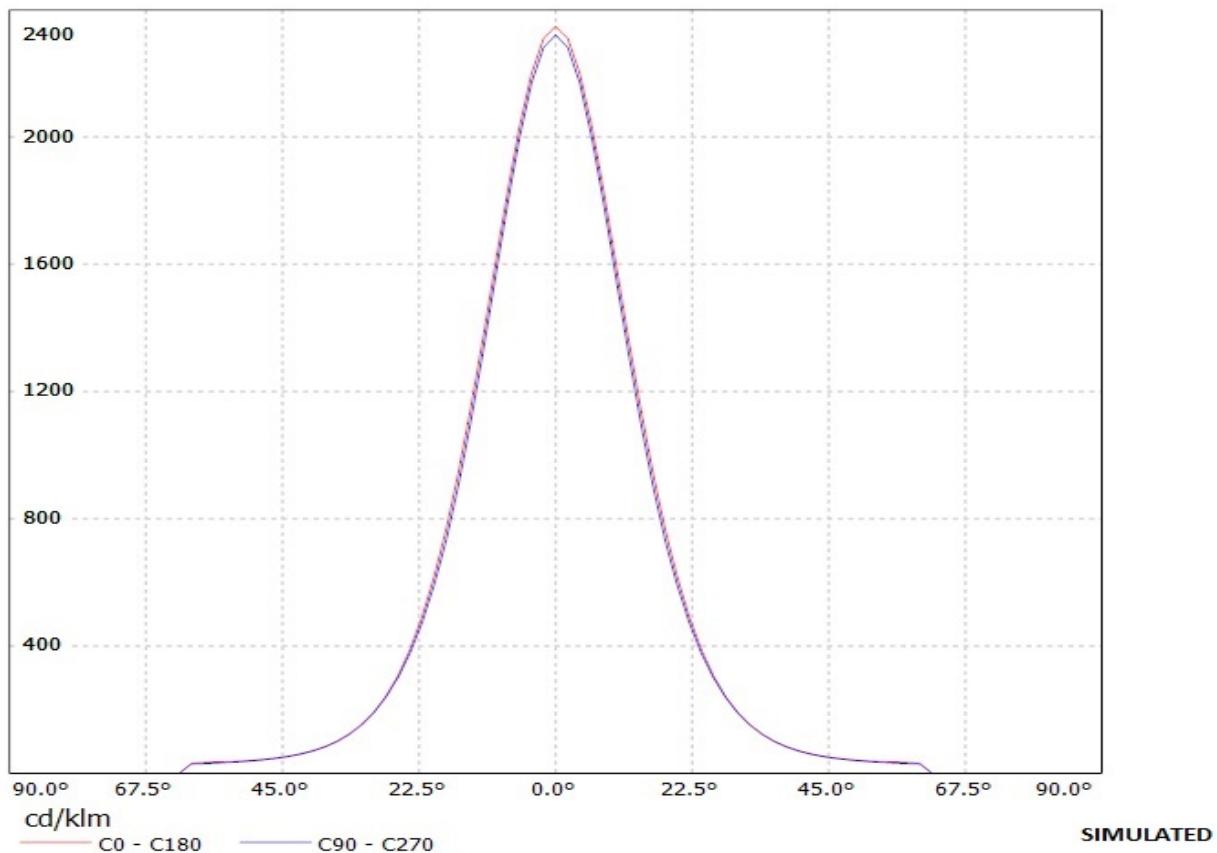
## Ledil Oy C11799-Anna-50-4-S-RE-ES C11799-Anna-50-4-S-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11799-Anna-50-4-S-RE-ES C11799-Anna-50-4-S-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)



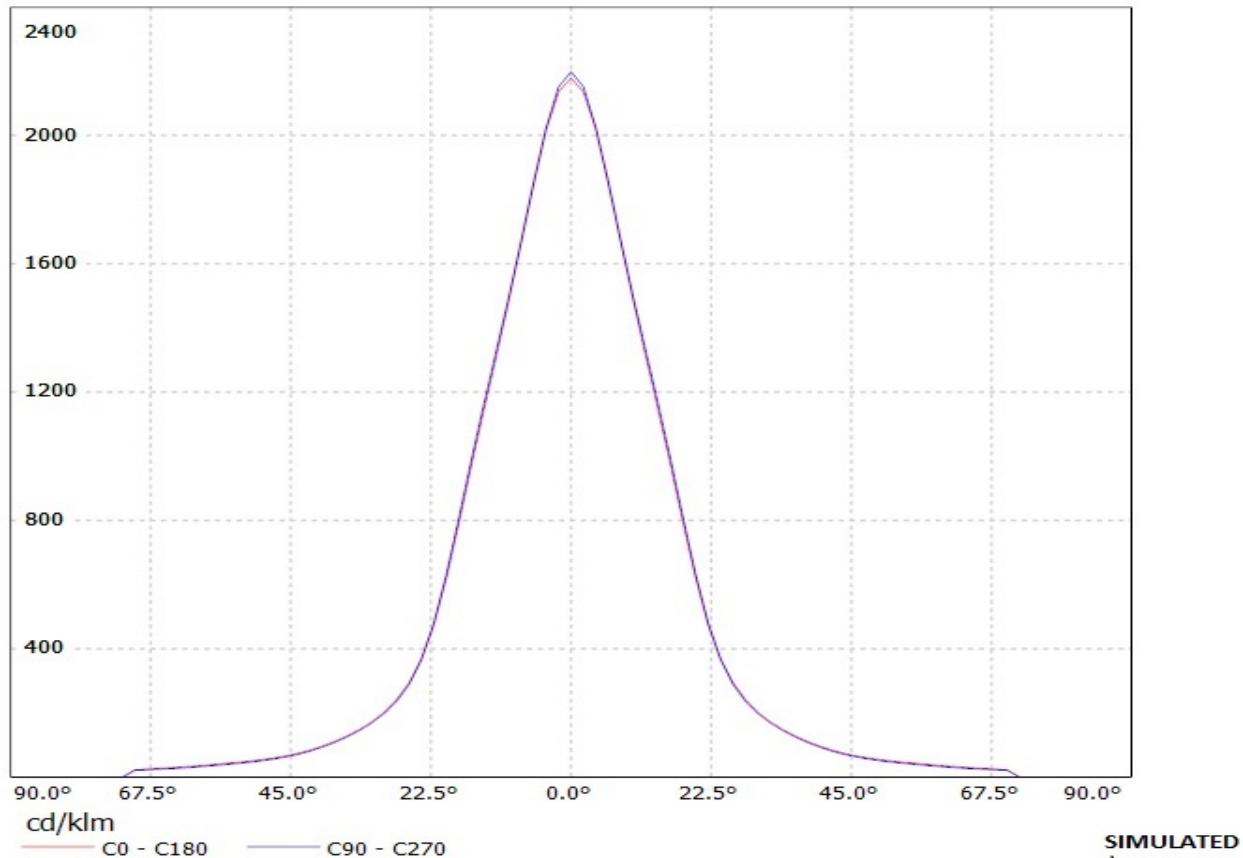
## Ledil Oy C11800-Anna-50-4-M-RE-ES C11800-Anna-50-4-M-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11800-Anna-50-4-M-RE-ES C11800-Anna-50-4-M-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)



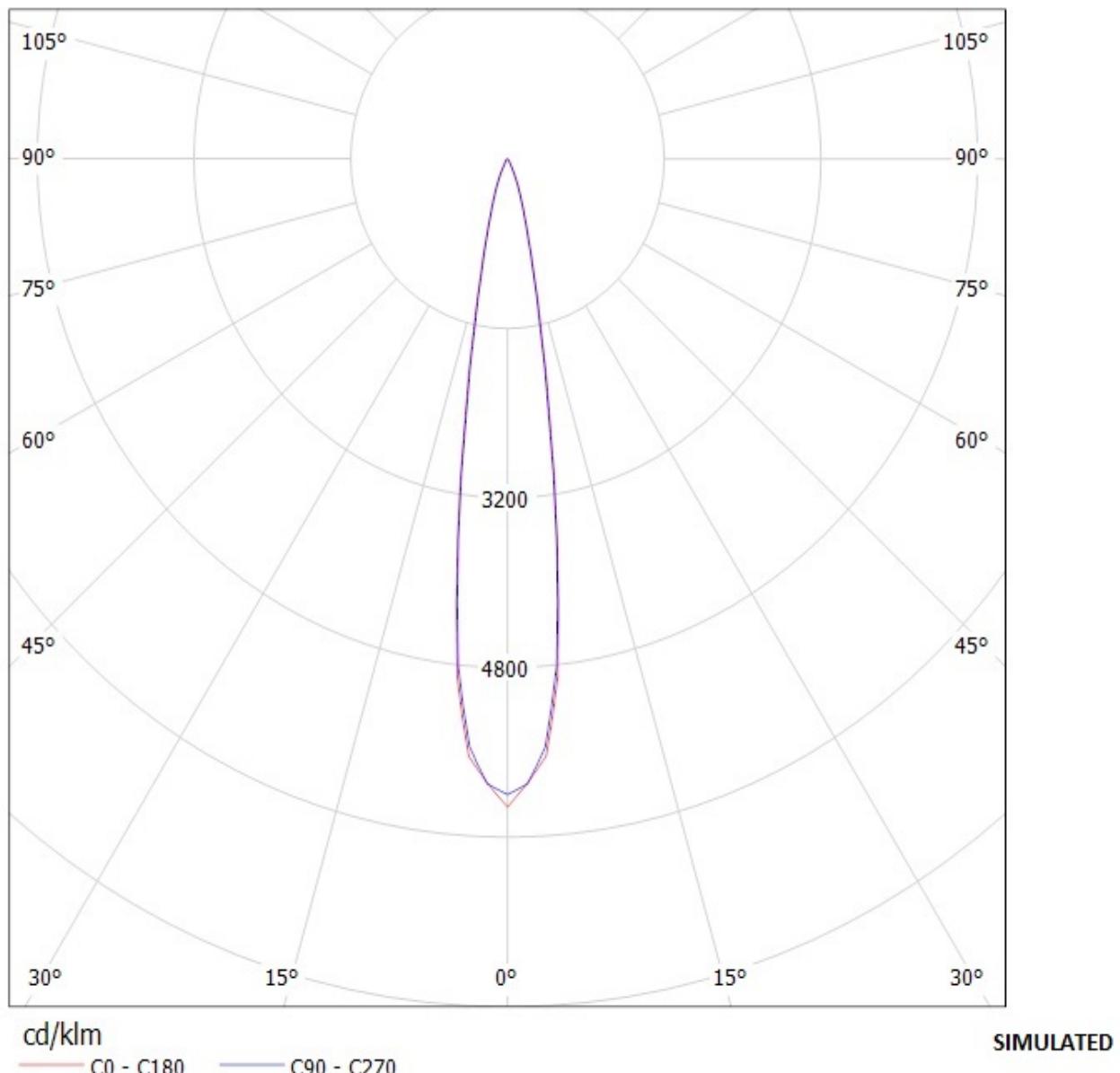
## Ledil Oy C11801-Anna-50-4-W-RE-ES C11801-Anna-50-4-W-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11801-Anna-50-4-W-RE-ES C11801-Anna-50-4-W-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)



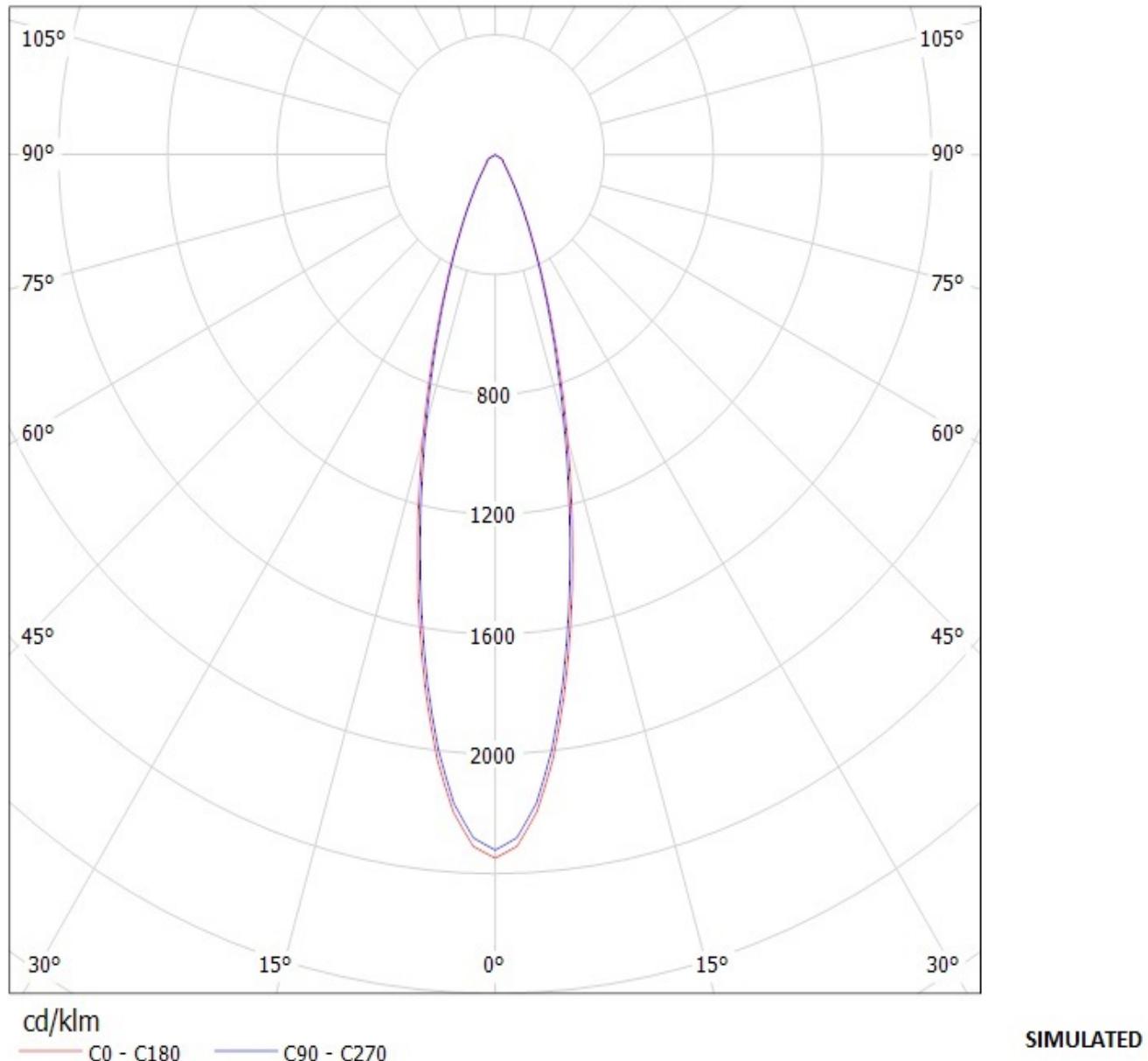
## Ledil Oy C11799-Anna-50-4-S-RE-ES C11799-Anna-50-4-S-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11799-Anna-50-4-S-RE-ES C11799-Anna-50-4-S-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)



## Ledil Oy C11800-Anna-50-4-M-RE-ES C11800-Anna-50-4-M-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11800-Anna-50-4-M-RE-ES C11800-Anna-50-4-M-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)



## Ledil Oy C11801-Anna-50-4-W-RE-ES C11801-Anna-50-4-W-RE-ES / LDC (Polar)

Luminaire: Ledil Oy C11801-Anna-50-4-W-RE-ES C11801-Anna-50-4-W-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)

