

## DETAILS

<b>Product Number</b>	C11712_ANNA-40-3-W
<b>Family</b>	Anna
<b>Type</b>	Lens array
<b>Color</b>	clear
<b>Diameter</b>	40 mm
<b>Height</b>	10,7 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	glue, pin
<b>Status</b>	production ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	16/09/2014



## OPTICAL PROPERTIES

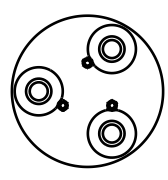
LED	Viewing	Light	Efficiency	cd/lm	Connector
	Angle	Beam			
XP-G	36 deg	Wide	87 %	2.000	-
XP-E	36 deg	Wide	87 %	1.600	-
XB-D	29 deg	Wide	85 %	2.170	-
LUXEON Rebel	30 deg	Wide	86 %	1.900	-
LUXEON Rebel ES	29 deg	Wide	86 %	2.200	-
LUXEON A	34 deg	Wide	82 %	1.680	-
NCSxx19A	28 deg	Wide	86 %	2.000	-
NVSxx19A	33 deg	Wide	86 %	1.500	-
Oslon SSL 80	26 deg	Wide	87 %	2.400	-
Oslon SSL 150	34 deg	Wide	89 %	2.000	-
Duris S5 (2 chip)	26 deg	Wide	88 %	2.900	-

D

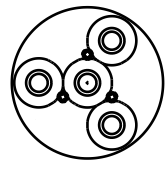
C

B

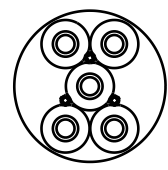
A



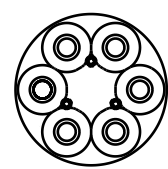
Anna-3



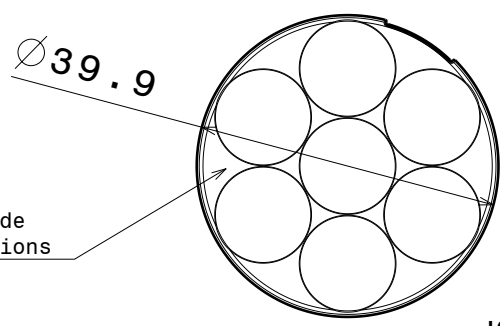
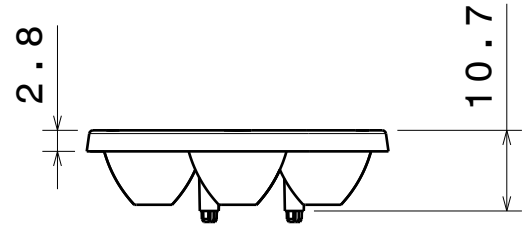
Anna-4



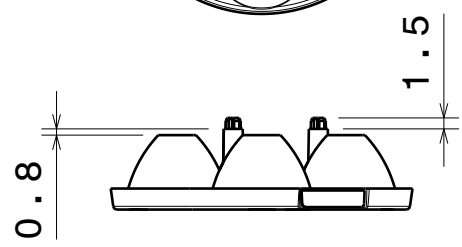
Anna-5



Anna-6

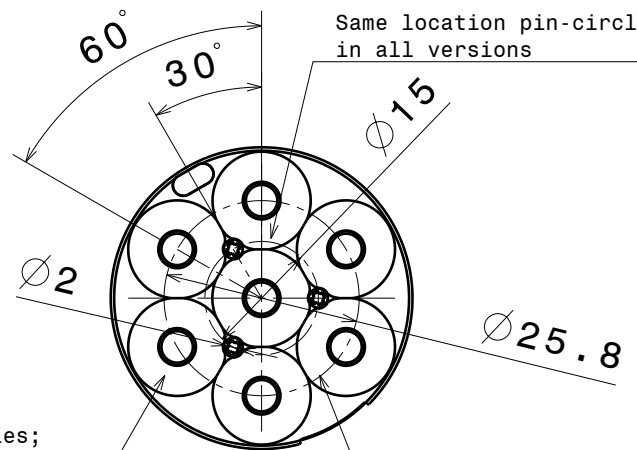


Anna-7



Same top side in all versions

Same location pin-circle in all versions



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 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

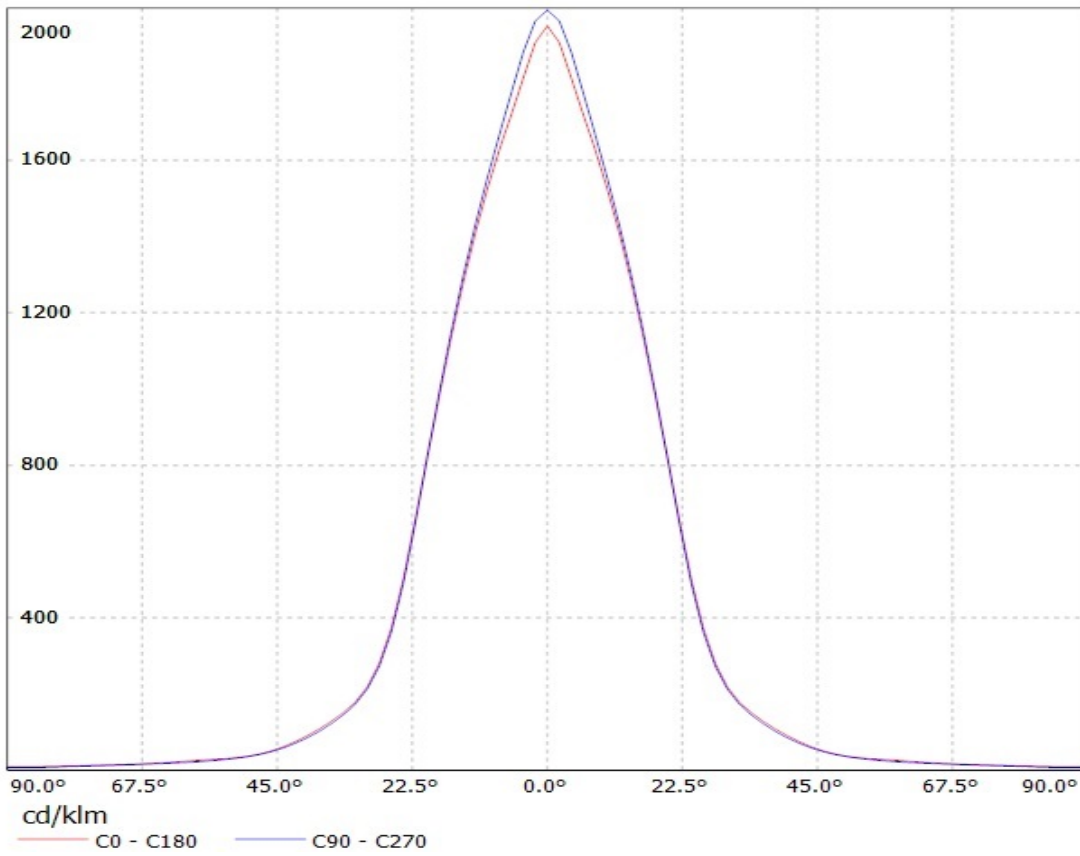
2

1

1

**Ledil Oy C11712\_AnnA-40-3-W-XP-G C11712\_AnnA-40-3-W-XP-G / LDC (Linear)**

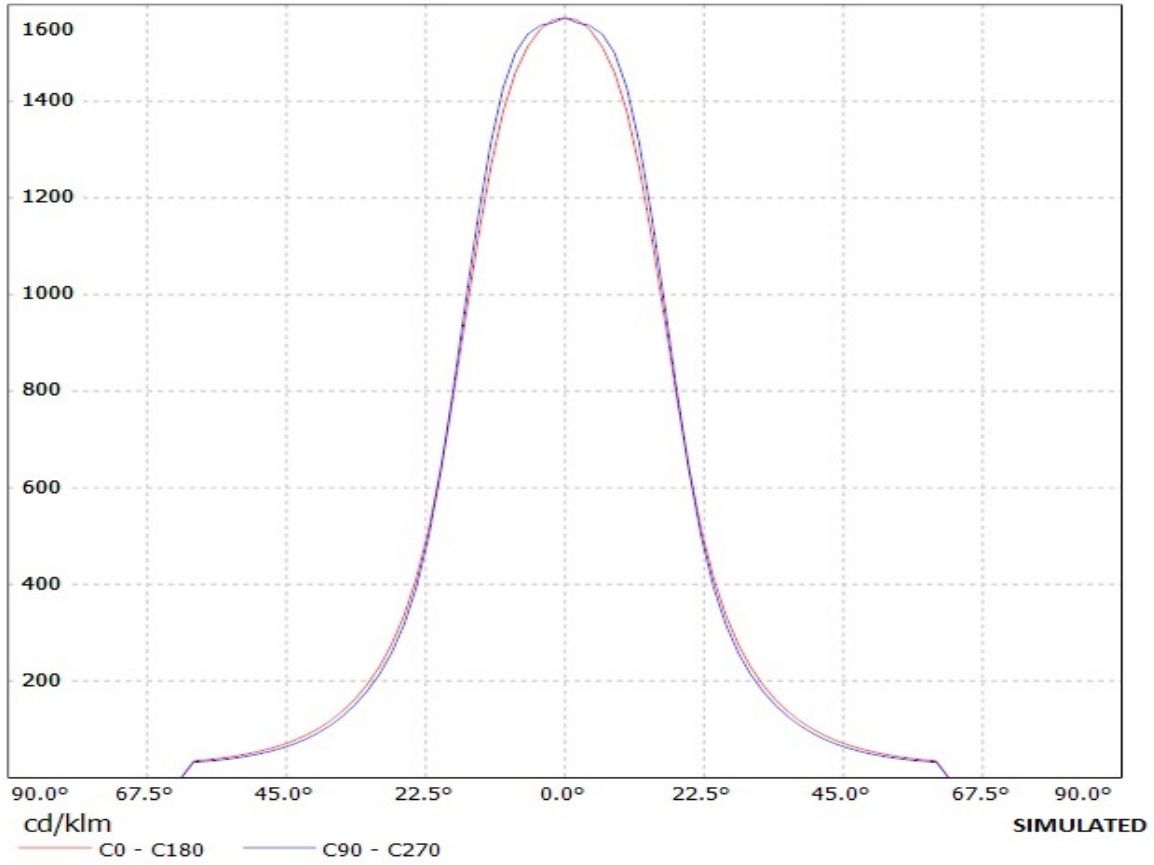
Luminaire: Ledil Oy C11712\_AnnA-40-3-W-XP-G C11712\_AnnA-40-3-W-XP-G  
Lamps: 1 x Cree XP-G (White)



**SIMULATED**

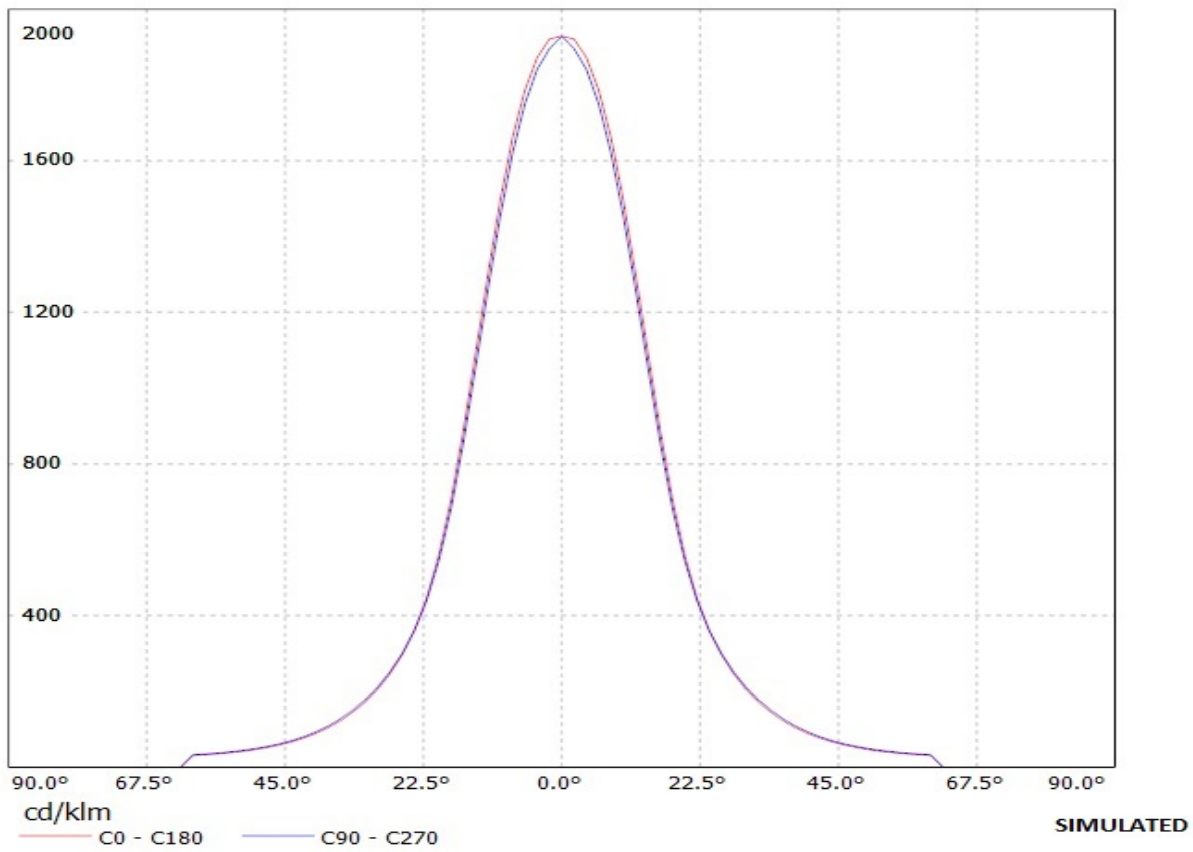
# Ledil Oy C11712\_Ana-40-3-W-XP C11712\_Ana-40-3-W-XP / LDC (Linear)

Luminaire: Ledil Oy C11712\_Ana-40-3-W-XP C11712\_Ana-40-3-W-XP  
Lamps: 1 x Cree XP-E (white) 221lm



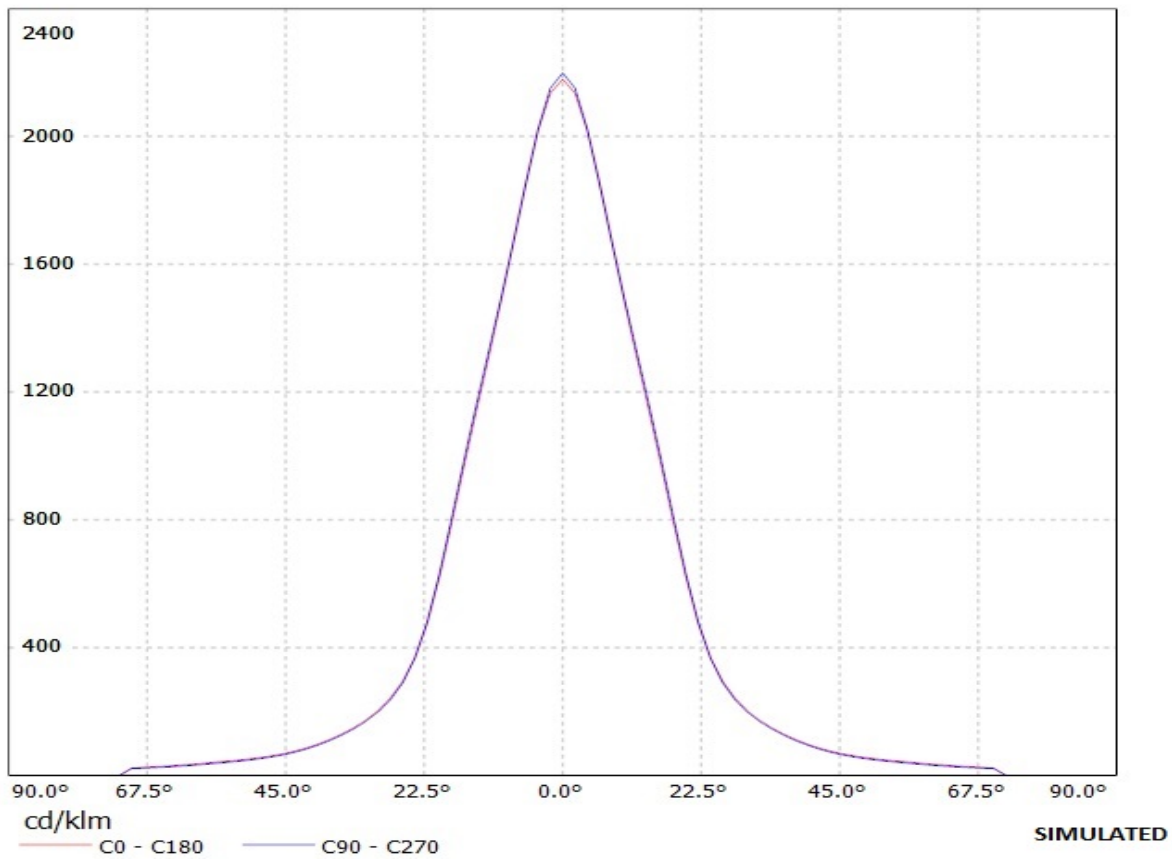
**Ledil Oy C11712\_Ana-40-3-W-RE C11712\_Ana-40-3-W-RE / LDC (Linear)**

Luminaire: Ledil Oy C11712\_Ana-40-3-W-RE C11712\_Ana-40-3-W-RE  
Lamps: 5 x Luxeon Rebel (white) 242



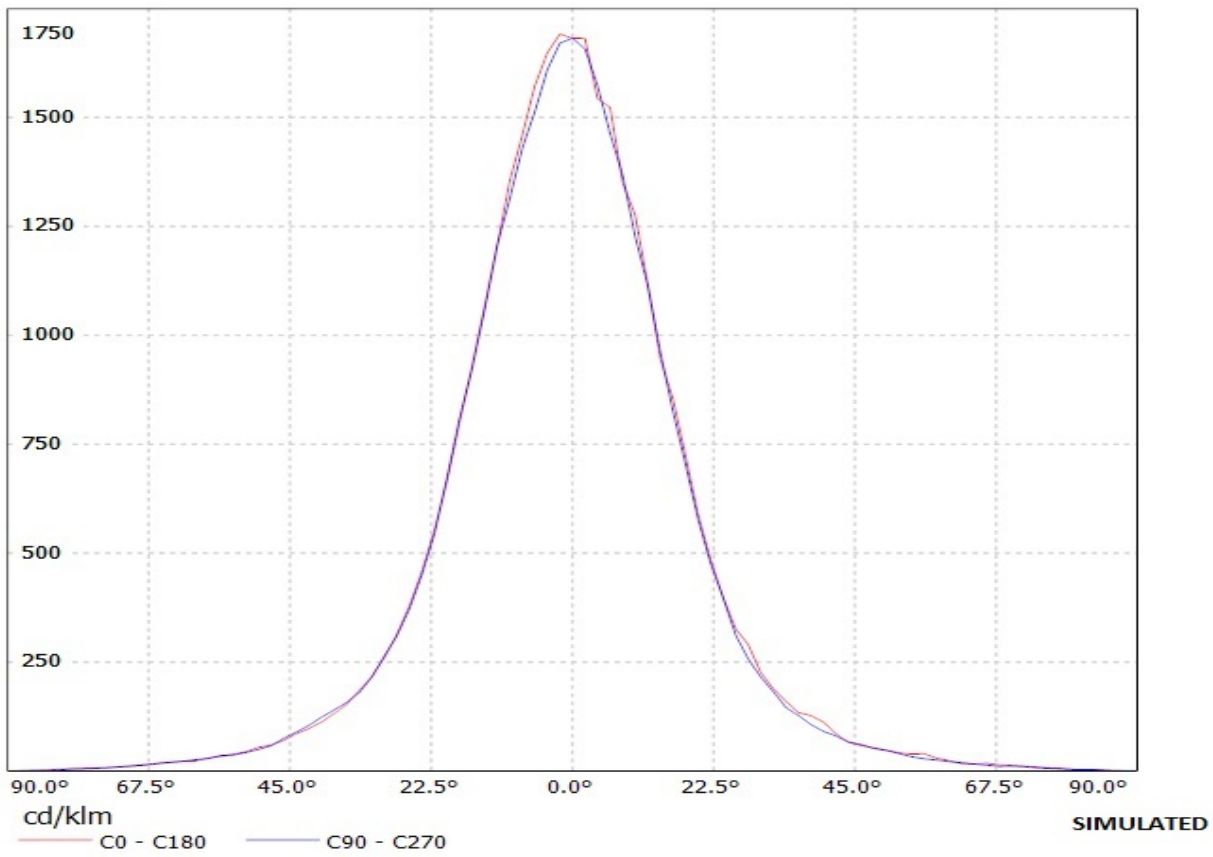
# Ledil Oy C11712\_Ana-40-3-W-RE-ES C11712\_Ana-40-3-W-RE-ES / LDC (Linear)

Luminaire: Ledil Oy C11712\_Ana-40-3-W-RE-ES C11712\_Ana-40-3-W-RE-ES  
Lamps: 1 x Luxeon Rebel ES (white)



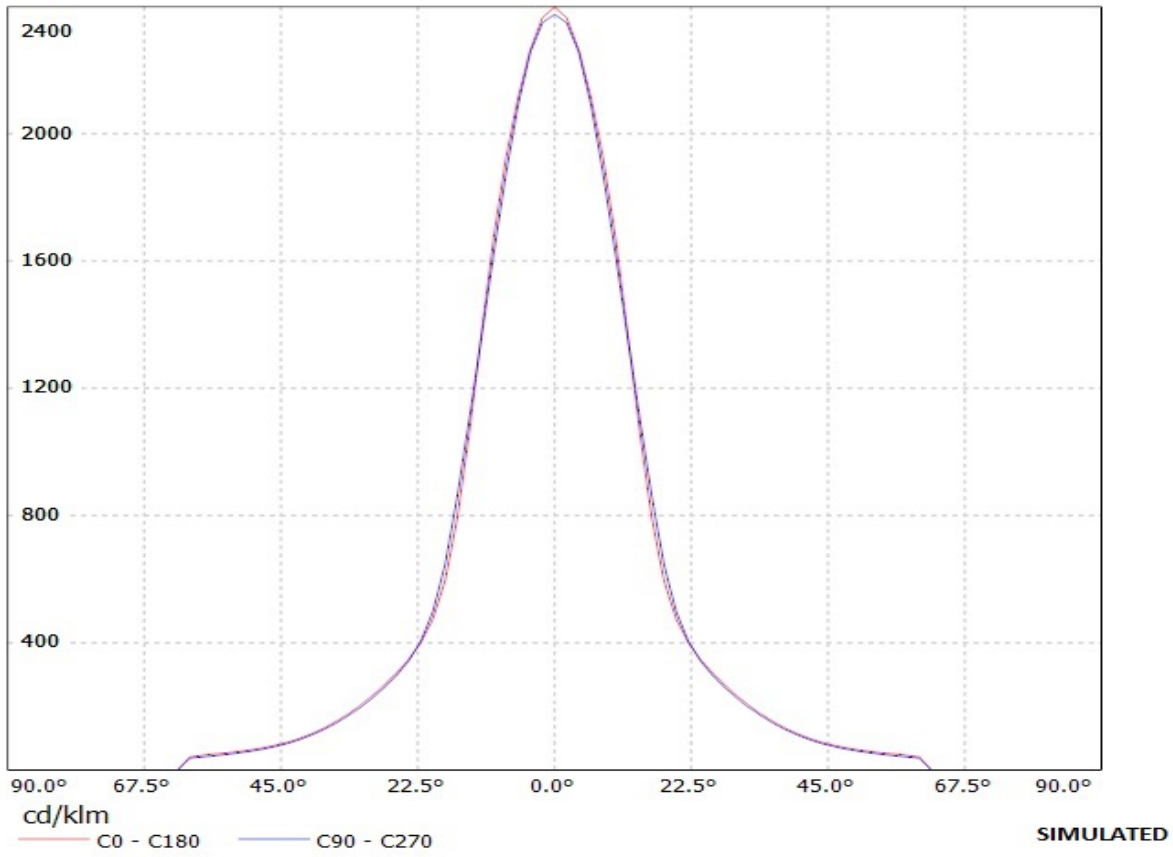
# Ledil Oy C11712\_Anna-40-3-W-RE-A Efficiency=82% / LDC (Linear)

Luminaire: Ledil Oy C11712\_Anna-40-3-W-RE-A Efficiency=82%  
Lamps: 1 x Luxeon-A 222lm 250mA



# Ledil Oy C11712\_Aнна-40-3-W-OSL C11712\_Aнна-40-3-W-OSL / LDC (Linear)

Luminaire: Ledil Oy C11712\_Aнна-40-3-W-OSL C11712\_Aнна-40-3-W-OSL  
Lamps: 1 x Osram SSL 80

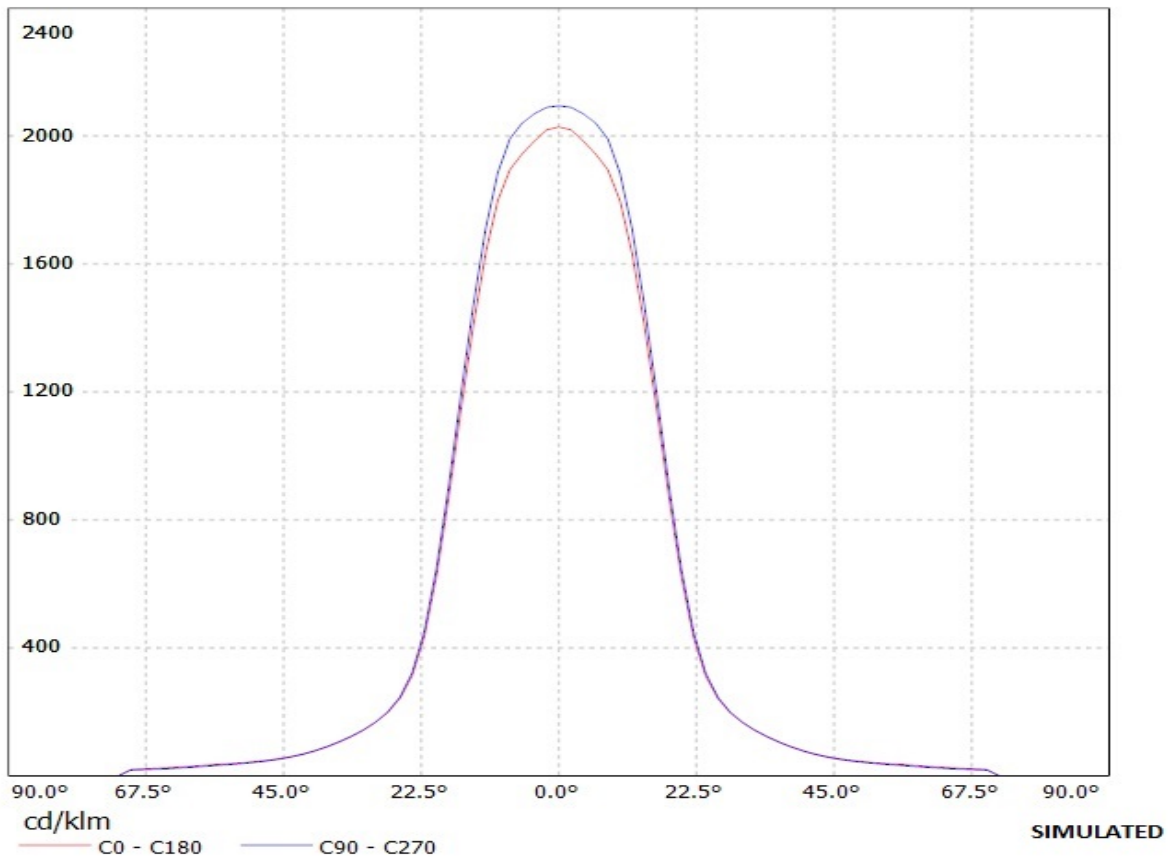




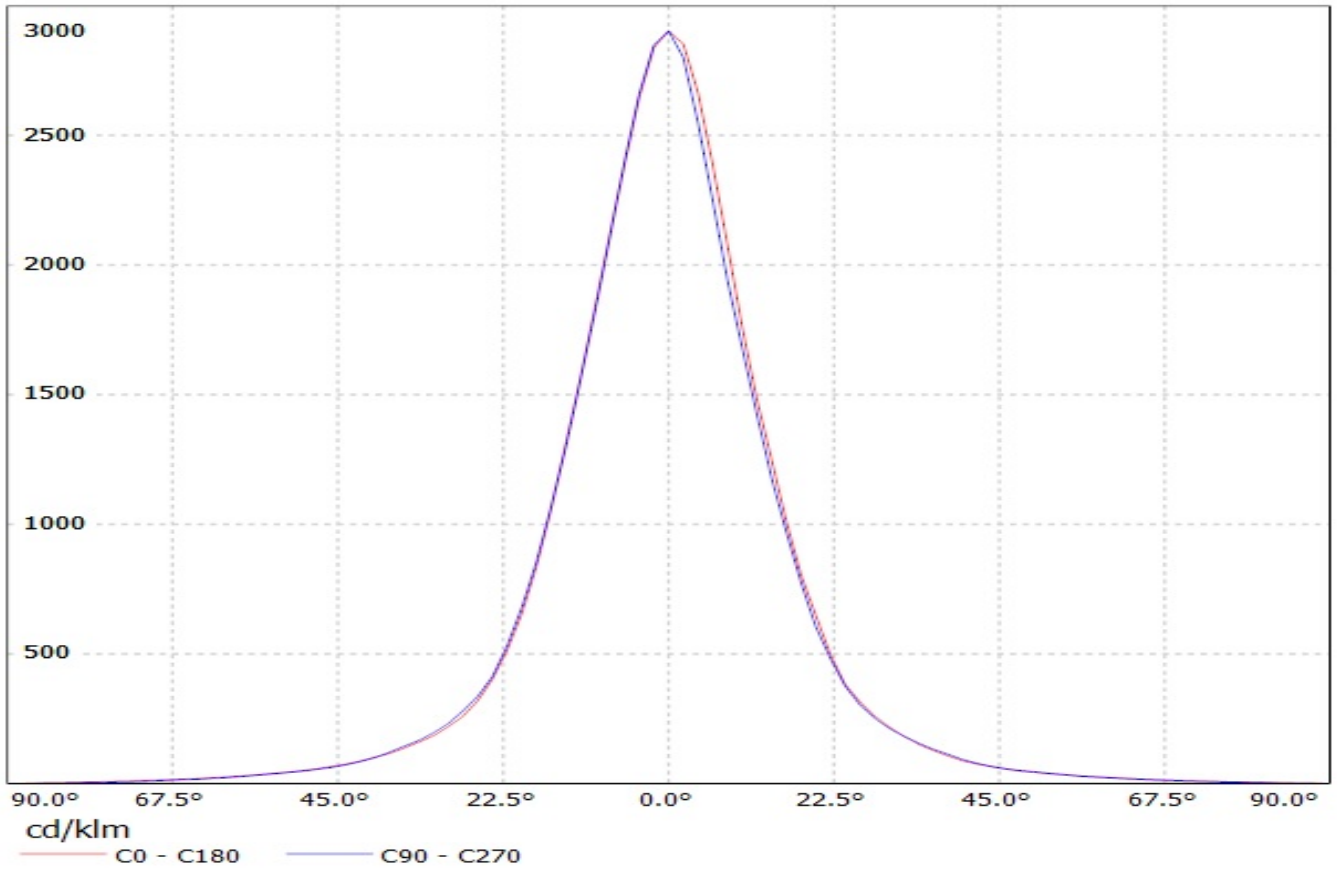
# Ledil Oy C11712\_Aнна-40-3-W-OSL150 C11712\_Aнна-40-3-W-OSL150 / LDC (Linear)

Luminaire: Ledil Oy C11712\_Aнна-40-3-W-OSL150 C11712\_Aнна-40-3-W-OSL150

Lamps: 1 x Osram SSL 150

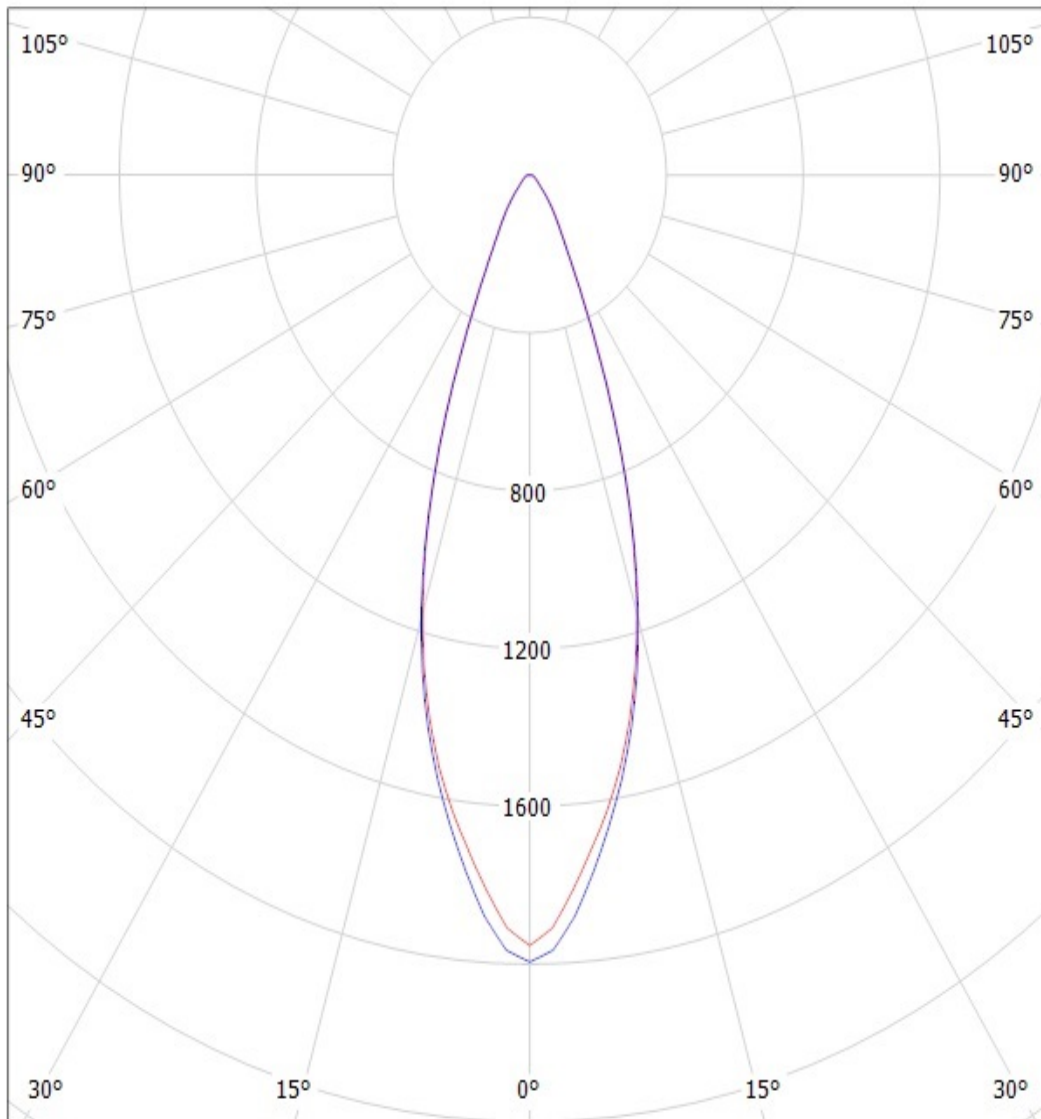


Luminaire: LEDil Oy C11712\_ANNA-40-3-W\_(DURIS\_S5) Efficiency=88%  
Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 213lm @ 100mA CCT=6300K P=1.8W I=100mA



# Ledil Oy C11712\_Aнна-40-3-W-XP-G C11712\_Aнна-40-3-W-XP-G / LDC (Polar)

Luminaire: Ledil Oy C11712\_Aнна-40-3-W-XP-G C11712\_Aнна-40-3-W-XP-G  
Lamps: 1 x Cree XP-G (White)



cd/klm

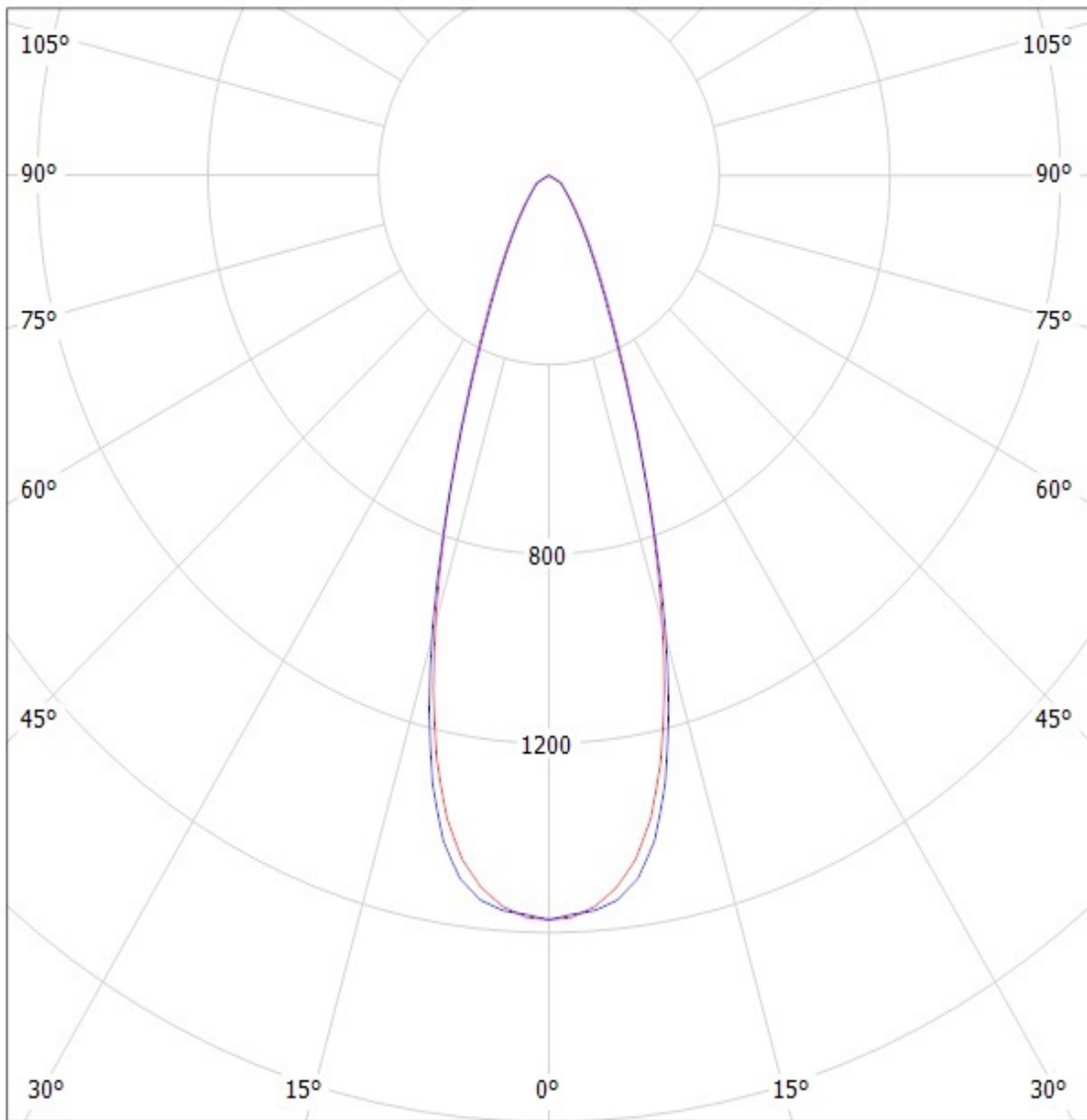
— C0 - C180 — C90 - C270

SIMULATED

# Ledil Oy C11712\_Aнна-40-3-W-XP C11712\_Aнна-40-3-W-XP / LDC (Polar)

Luminaire: Ledil Oy C11712\_Aнна-40-3-W-XP C11712\_Aнна-40-3-W-XP

Lamps: 1 x Cree XP-E (white) 221lm



cd/klm

— C0 - C180

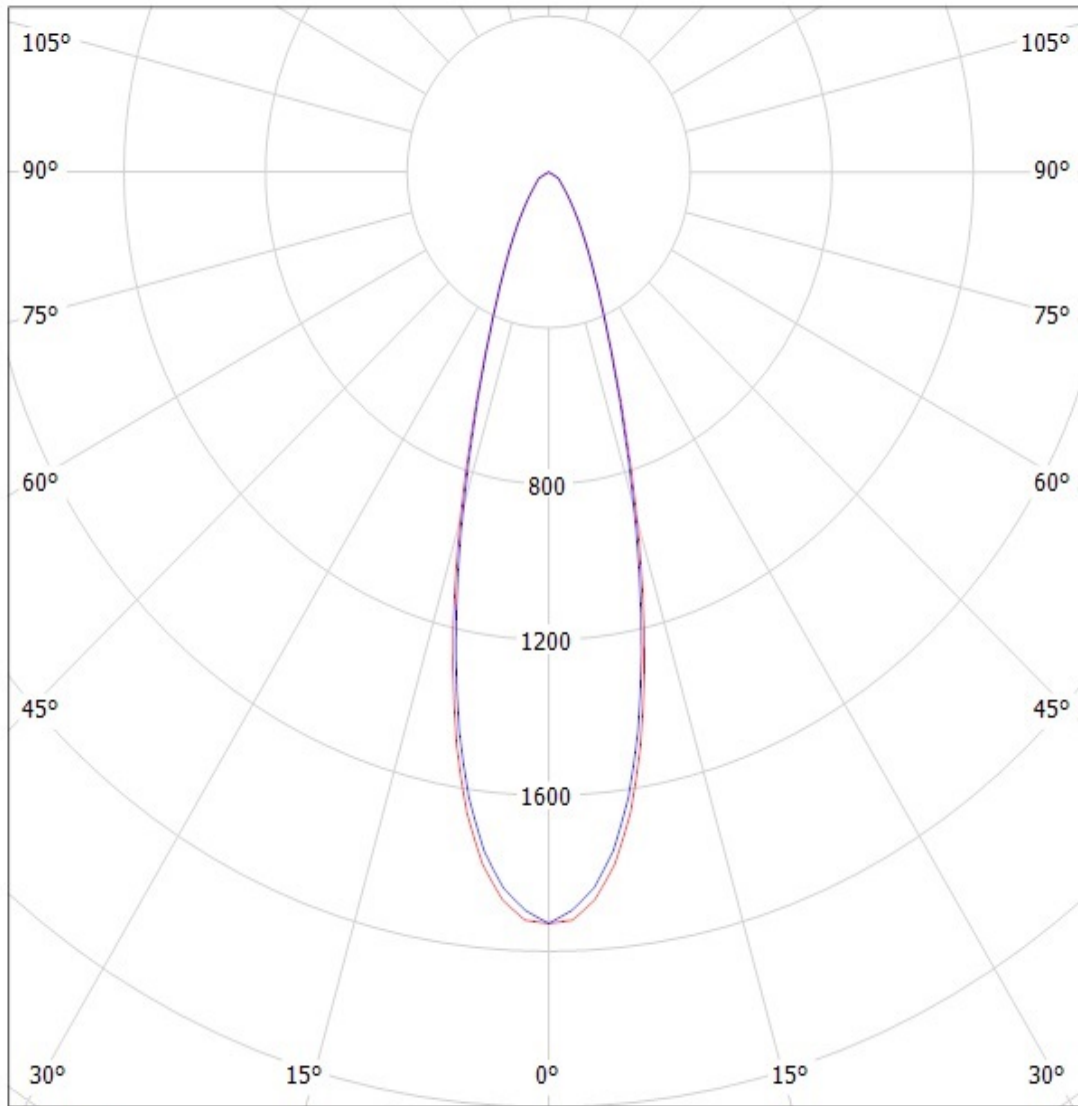
— C90 - C270

**SIMULATED**

# Ledil Oy C11712\_Ann4-40-3-W-RE C11712\_Ann4-40-3-W-RE / LDC (Polar)

Luminaire: Ledil Oy C11712\_Ann4-40-3-W-RE C11712\_Ann4-40-3-W-RE

Lamps: 5 x Luxeon Rebel (white) 242



cd/klm

— C0 - C180

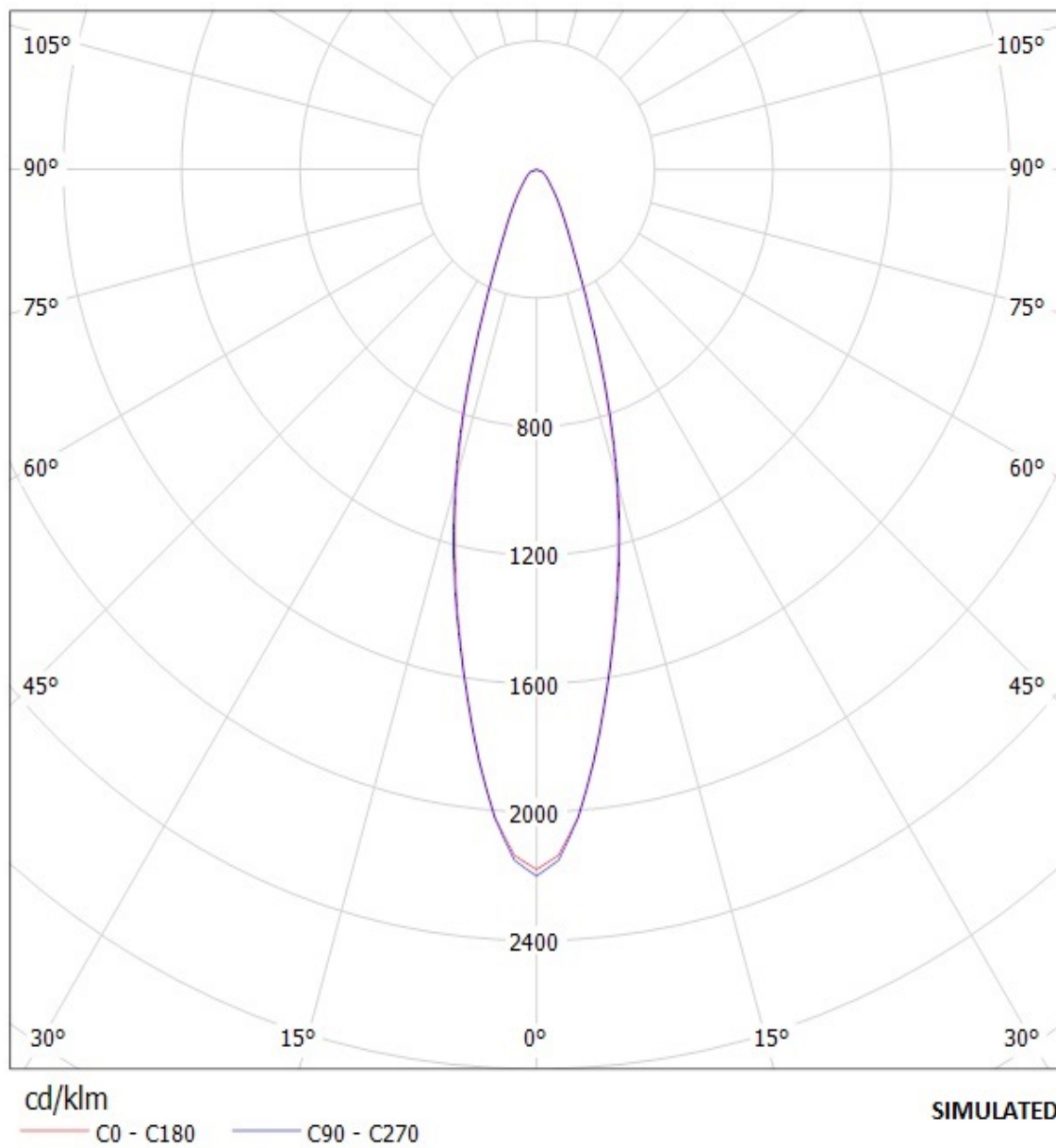
— C90 - C270

**SIMULATED**

# Ledil Oy C11712\_Aнна-40-3-W-RE-ES C11712\_Aнна-40-3-W-RE-ES / LDC (Polar)

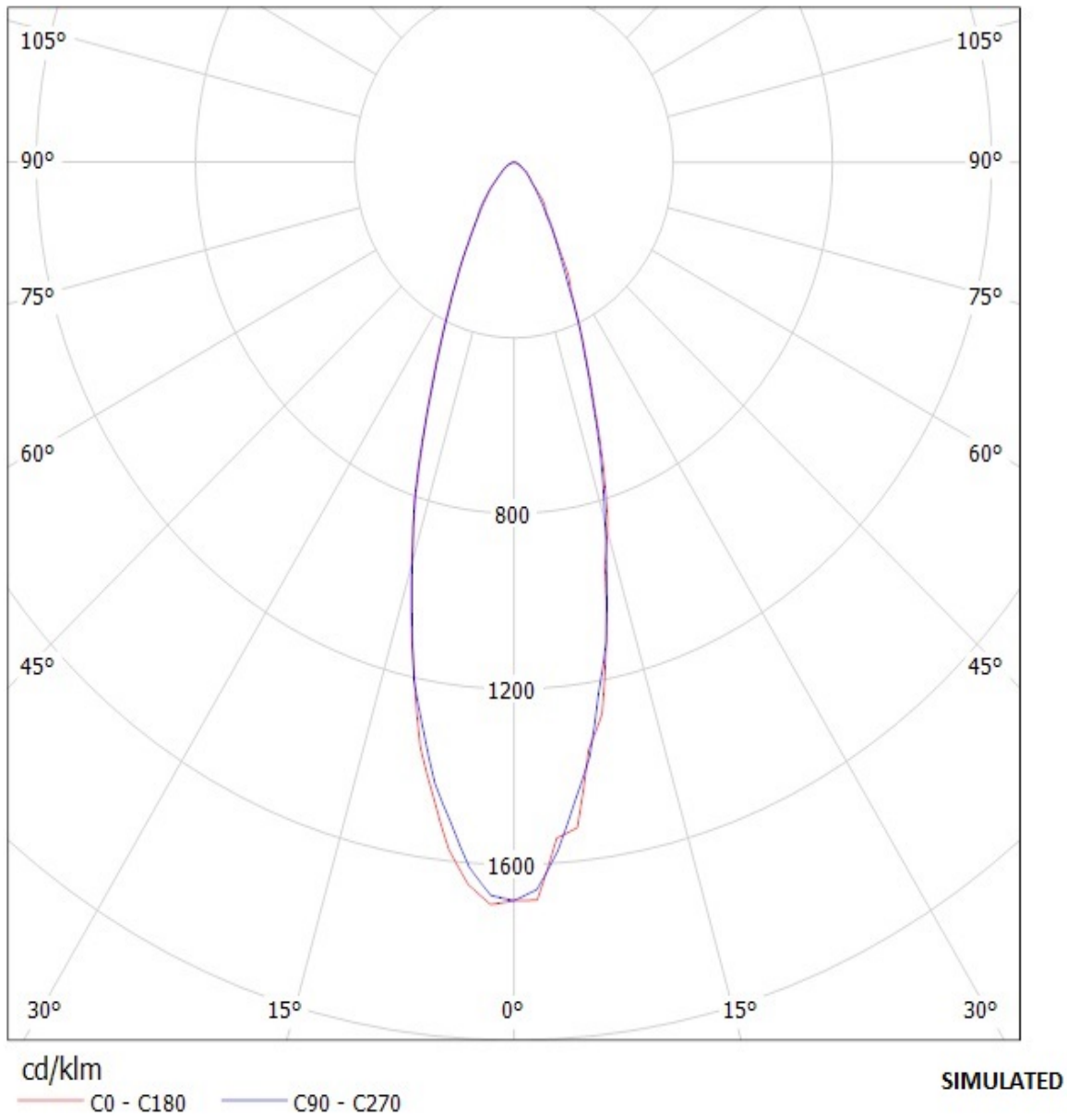
Luminaire: Ledil Oy C11712\_Aнна-40-3-W-RE-ES C11712\_Aнна-40-3-W-RE-ES

Lamps: 1 x Luxeon Rebel ES (white)



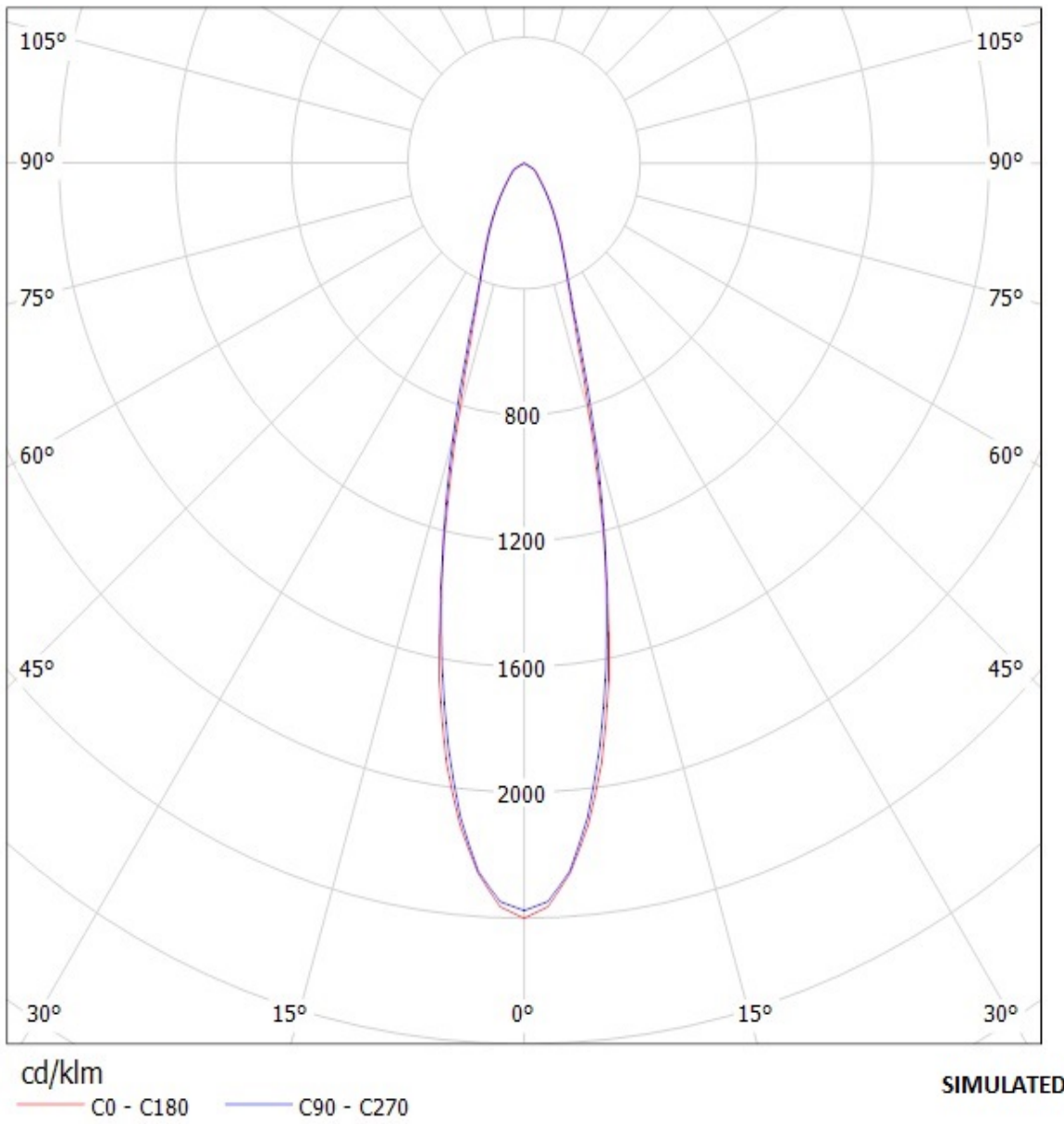
# Ledil Oy C11712\_AnnA-40-3-W-RE-A Efficiency=82% / LDC (Polar)

Luminaire: Ledil Oy C11712\_AnnA-40-3-W-RE-A Efficiency=82%  
Lamps: 1 x Luxeon-A 222lm 250mA



# Ledil Oy C11712\_Aнна-40-3-W-OSL C11712\_Aнна-40-3-W-OSL / LDC (Polar)

Luminaire: Ledil Oy C11712\_Aнна-40-3-W-OSL C11712\_Aнна-40-3-W-OSL  
Lamps: 1 x Osram SSL 80

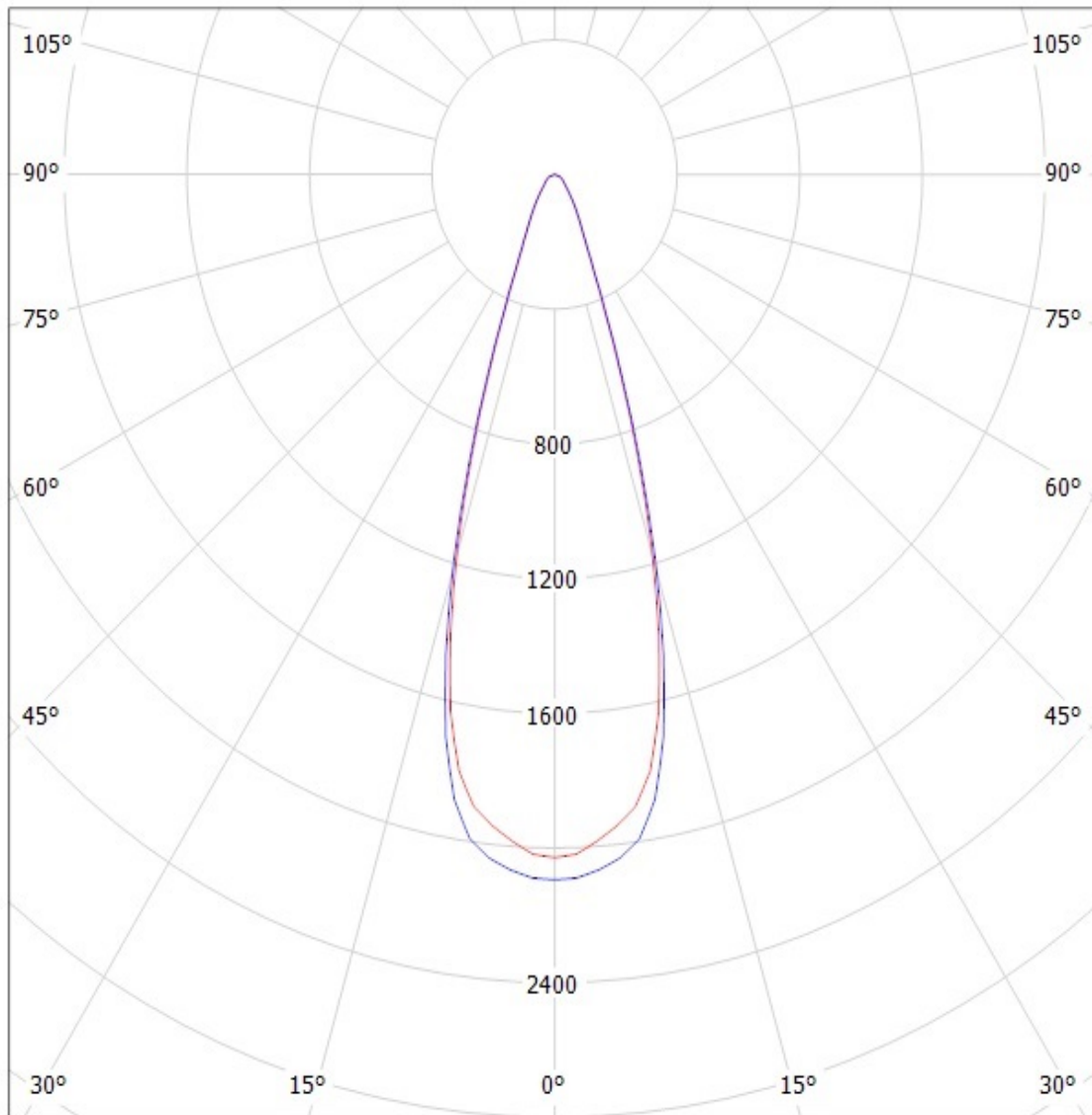




# Ledil Oy C11712\_Aнна-40-3-W-OSL150 C11712\_Aнна-40-3-W-OSL150 / LDC (Polar)

Luminaire: Ledil Oy C11712\_Aнна-40-3-W-OSL150 C11712\_Aнна-40-3-W-OSL150

Lamps: 1 x Osram SSL 150



cd/klm

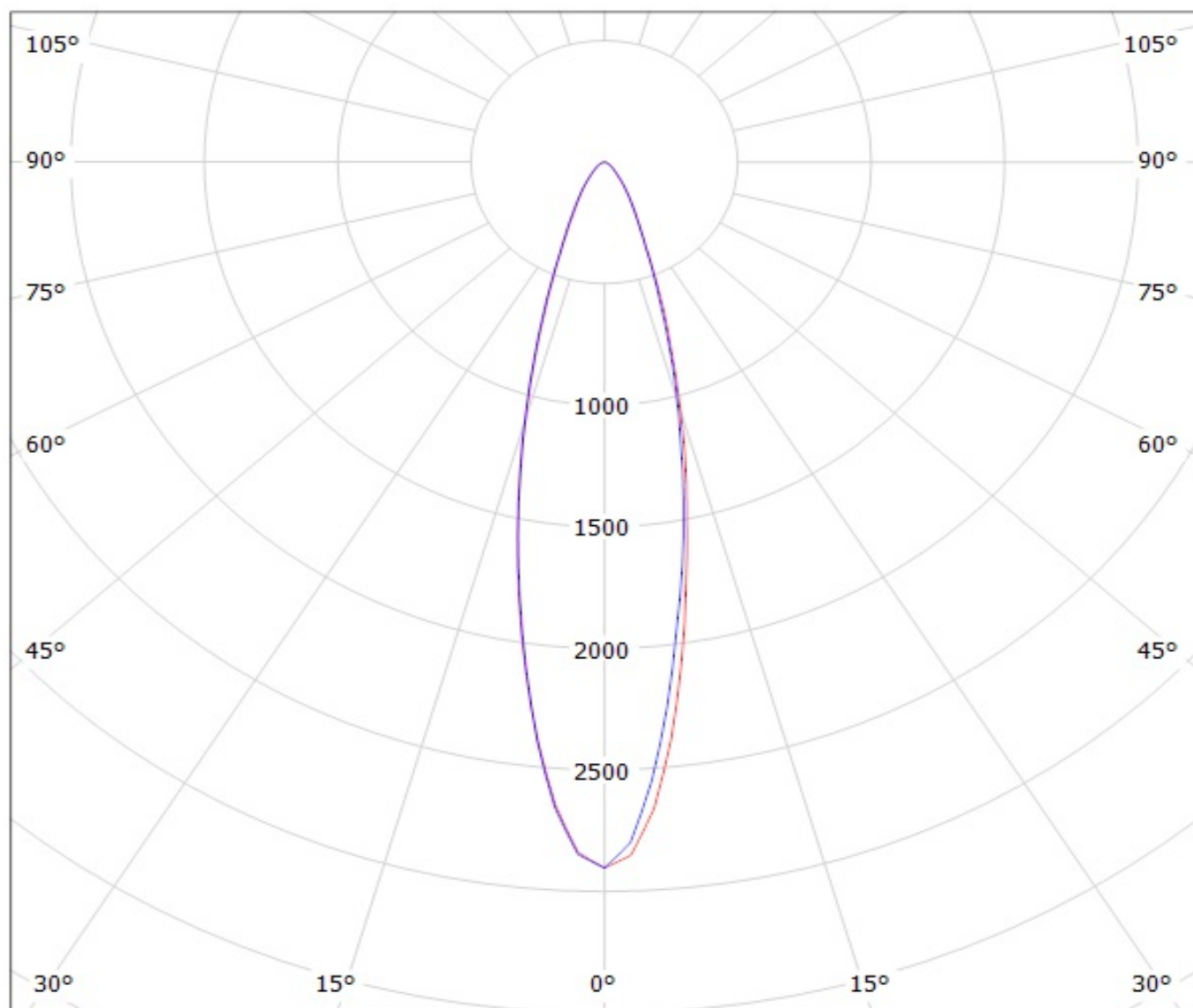
— C0 - C180

— C90 - C270

**SIMULATED**

Luminaire: LEDil Oy C11712\_ANNA-40-3-W\_(DURIS\_S5) Efficiency=88%

Lamps: 1 x Osram DURIS S5 (GW PSLPS1.EC) 213lm @ 100mA CCT=6300K P=1.8W I=100mA



cd/klm

— C0 - C180

— C90 - C270

**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.**