

**Product number FA10668_CXP-RS**

Family	Rose	FWHM	7 degrees
Type	Assembly	Efficiency	86 %
LED	XP-E	cd/lm	24.770
Color	Black	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13.15 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA10669_CXP-O**

Family	Rose	FWHM	11+45 degrees
Type	Assembly	Efficiency	81 %
LED	XP-E	cd/lm	3.690
Color	Black	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13.15 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA10666_CXP-D**

Family	Rose	FWHM	13 degrees
Type	Assembly	Efficiency	85 %
LED	XP-E	cd/lm	7.860
Color	Black	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13.15 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA11153_CXP-O-90**

Family	Rose	FWHM	14+46 degrees
Type	Assembly	Efficiency	81 %
LED	XP-E	cd/lm	-
Color	Black	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13.15 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA10667_CXP-SS**

Family	Rose	FWHM	16 degrees
Type	Assembly	Efficiency	86 %
LED	XP-E	cd/lm	6.770
Color	Black	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13.15 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA10665_CXP-M**

Family	Rose	FWHM	30 degrees
Type	Assembly	Efficiency	83 %
LED	XP-E	cd/lm	2.110
Color	Black	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13.15 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA10708_CXP-W**

Family	Rose	FWHM	31 degrees
Type	Assembly	Efficiency	79 %
LED	XP-E	cd/lm	1.630
Color	Black	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	13.15 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
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

Rose series

last update 3/10/2016

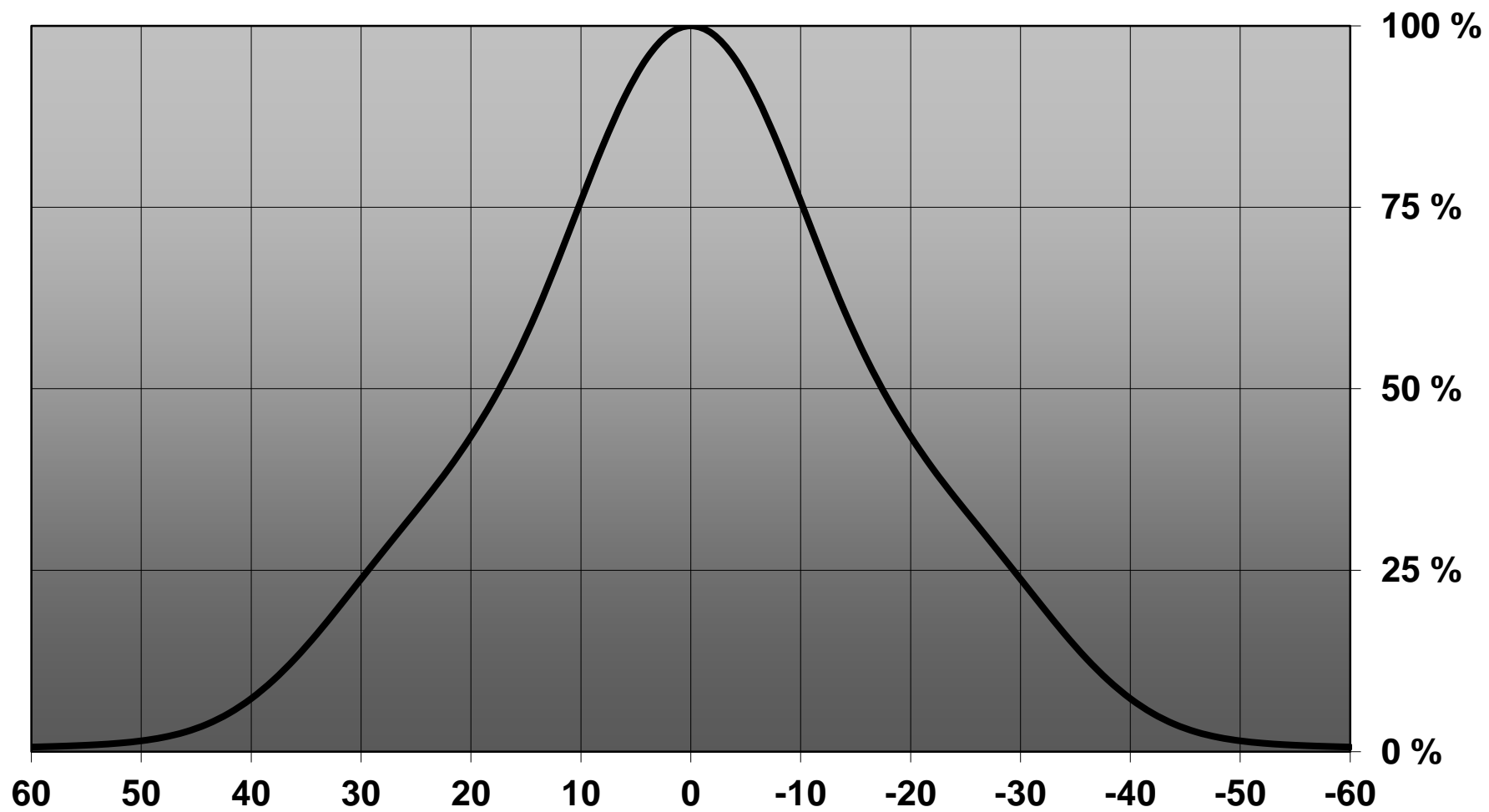
GENERAL INFORMATION

- Product series especially designed & optimized for XP-E series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PC with high UV and temperature resistance (120 degrees of Celcius / 248 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used materials from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PC%20Makrolon%202400_2407_2456_2458-UL.pdf

Relative Intensity of FA10708_CXP-W



D

C

B

A

4

4

Led position

21.6

21.6

Tape 0.4mm

FA10666_CXP-D 13.3mm

13.15

Lens

Holder

3

3

FA10669_CXP-0

2

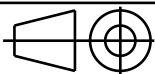
2

Isometric view 1:1

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

LEDiL LediL Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

Datasheet CXP

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SIZE PART NUMBER

A4

-

SCALE 2:1 WEIGHT

-

SHEET 1/1

1

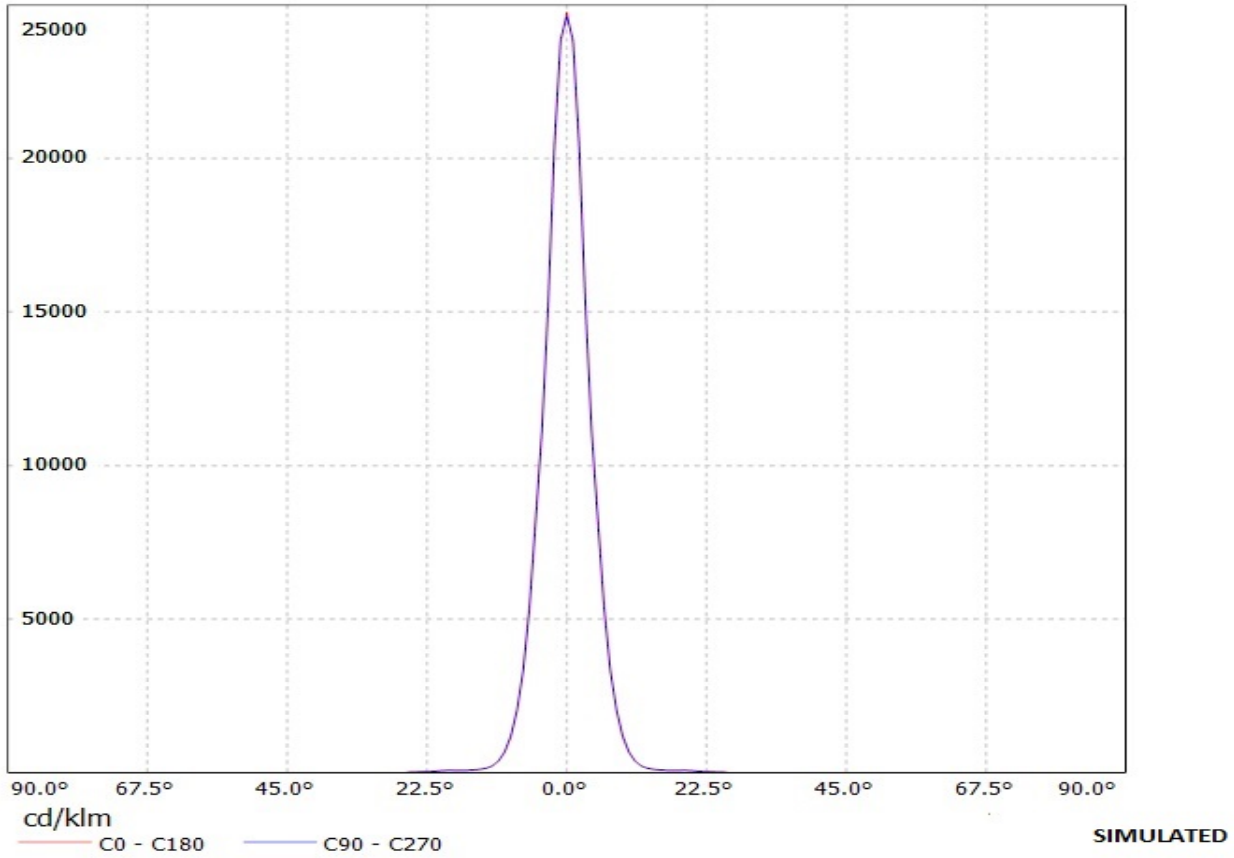
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D

A

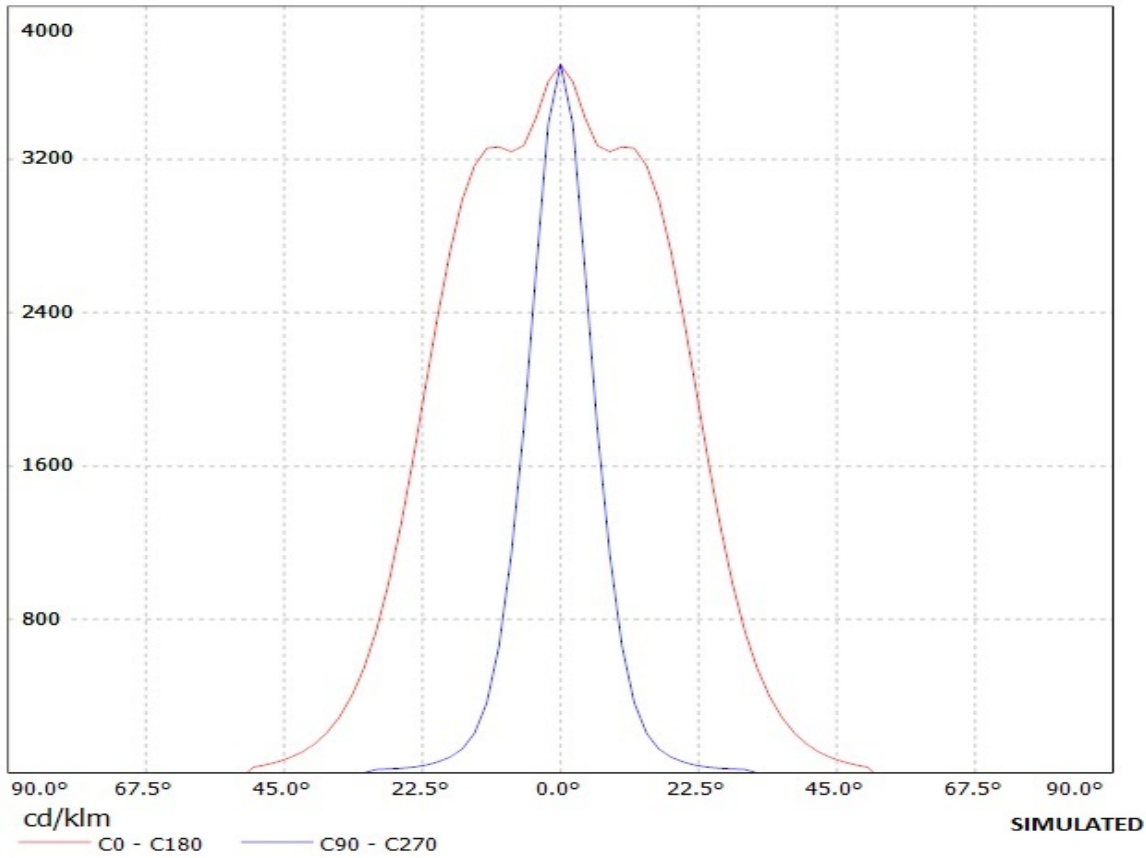
Ledil Oy FA10668_CXP-RS FA10668_CXP-RS / LDC (Linear)

Luminaire: Ledil Oy FA10668_CXP-RS FA10668_CXP-RS
Lamps: 1 x Cree XP-E (white)



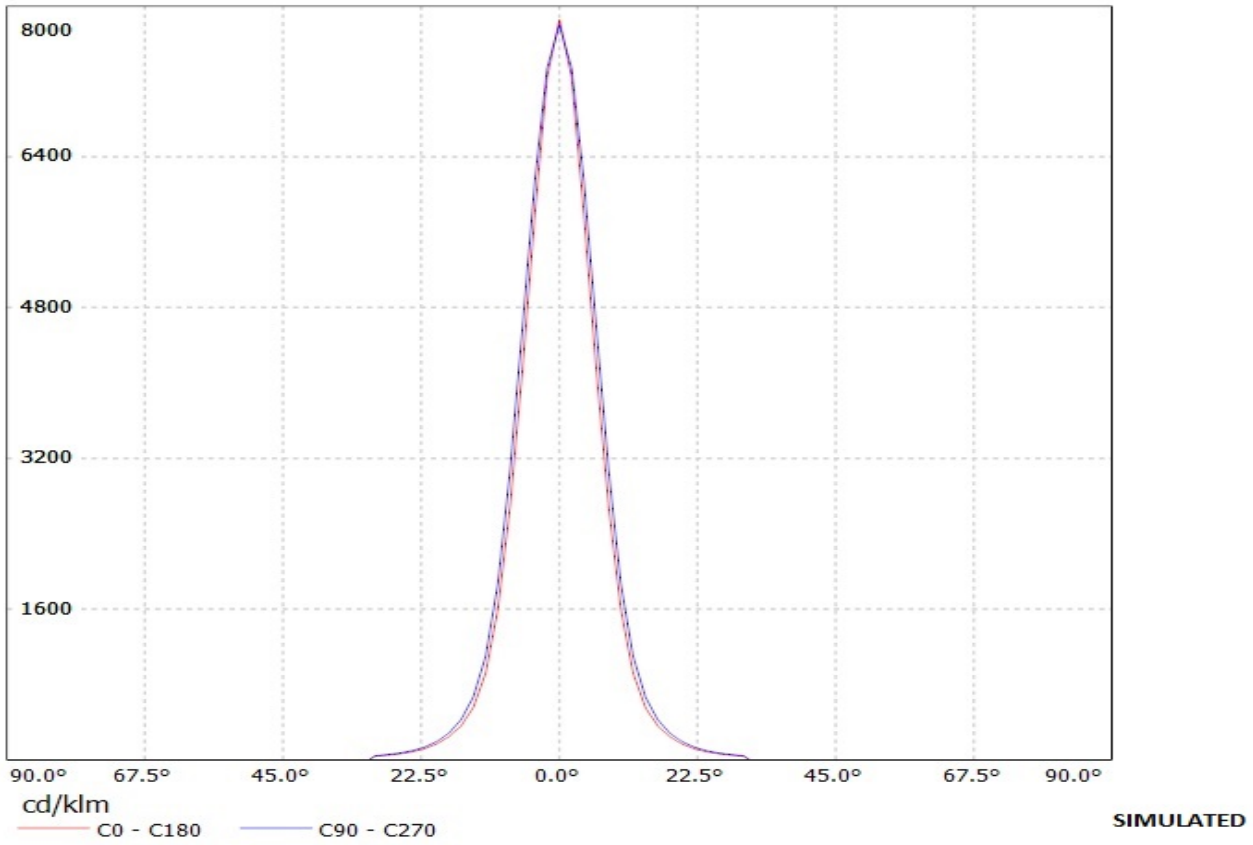
Ledil Oy FA10669_CXP-O FA10669_CXP-O / LDC (Linear)

Luminaire: Ledil Oy FA10669_CXP-O FA10669_CXP-O
Lamps: 1 x Cree XP-E (White)



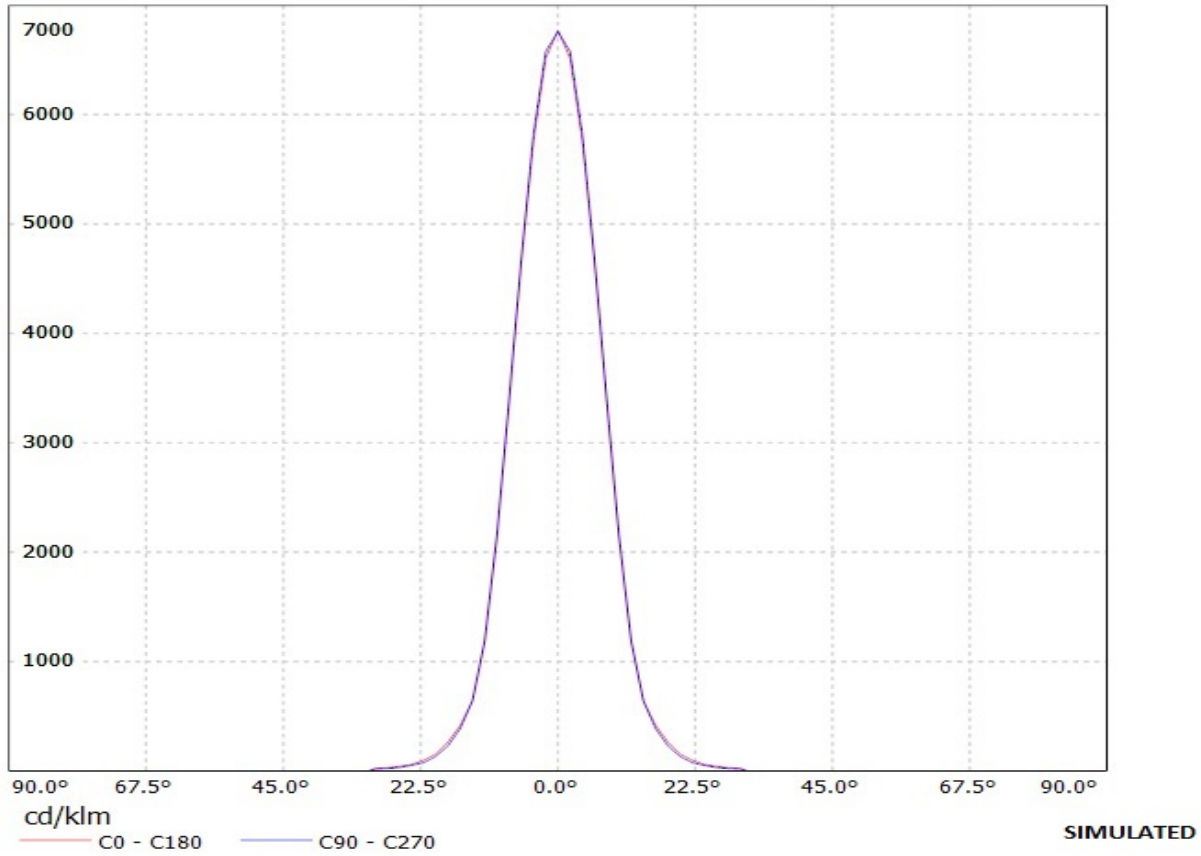
Ledil Oy FA10666_CXP-D FA10666_CXP-D / LDC (Linear)

Luminaire: Ledil Oy FA10666_CXP-D FA10666_CXP-D
Lamps: 1 x Cree XP-E (white)



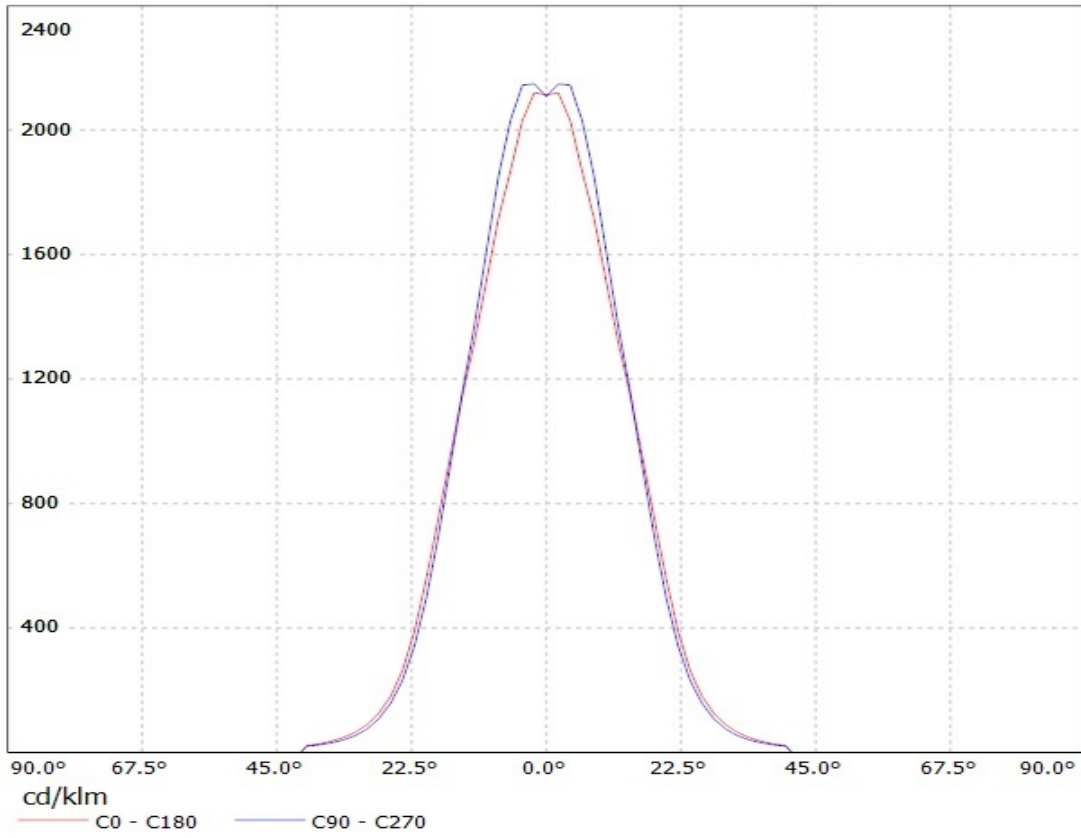
Ledil Oy FA10667_CXP-SS FA10667_CXP-SS / LDC (Linear)

Luminaire: Ledil Oy FA10667_CXP-SS FA10667_CXP-SS
Lamps: 1 x Cree XP-E (white)



Ledil Oy FA10665_CXP-M FA10665_CXP-M / LDC (Linear)

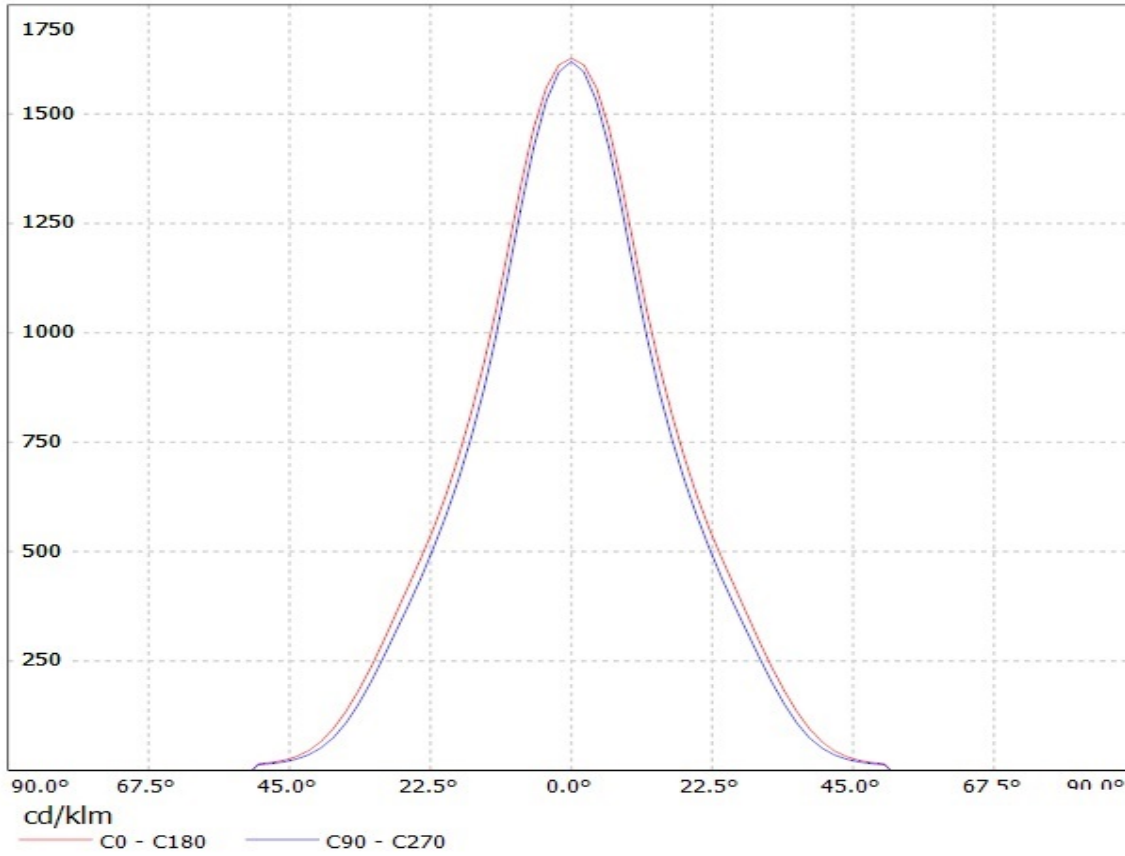
Luminaire: Ledil Oy FA10665_CXP-M FA10665_CXP-M
Lamps: 1 x Cree XP-E (white)



SIMULATED

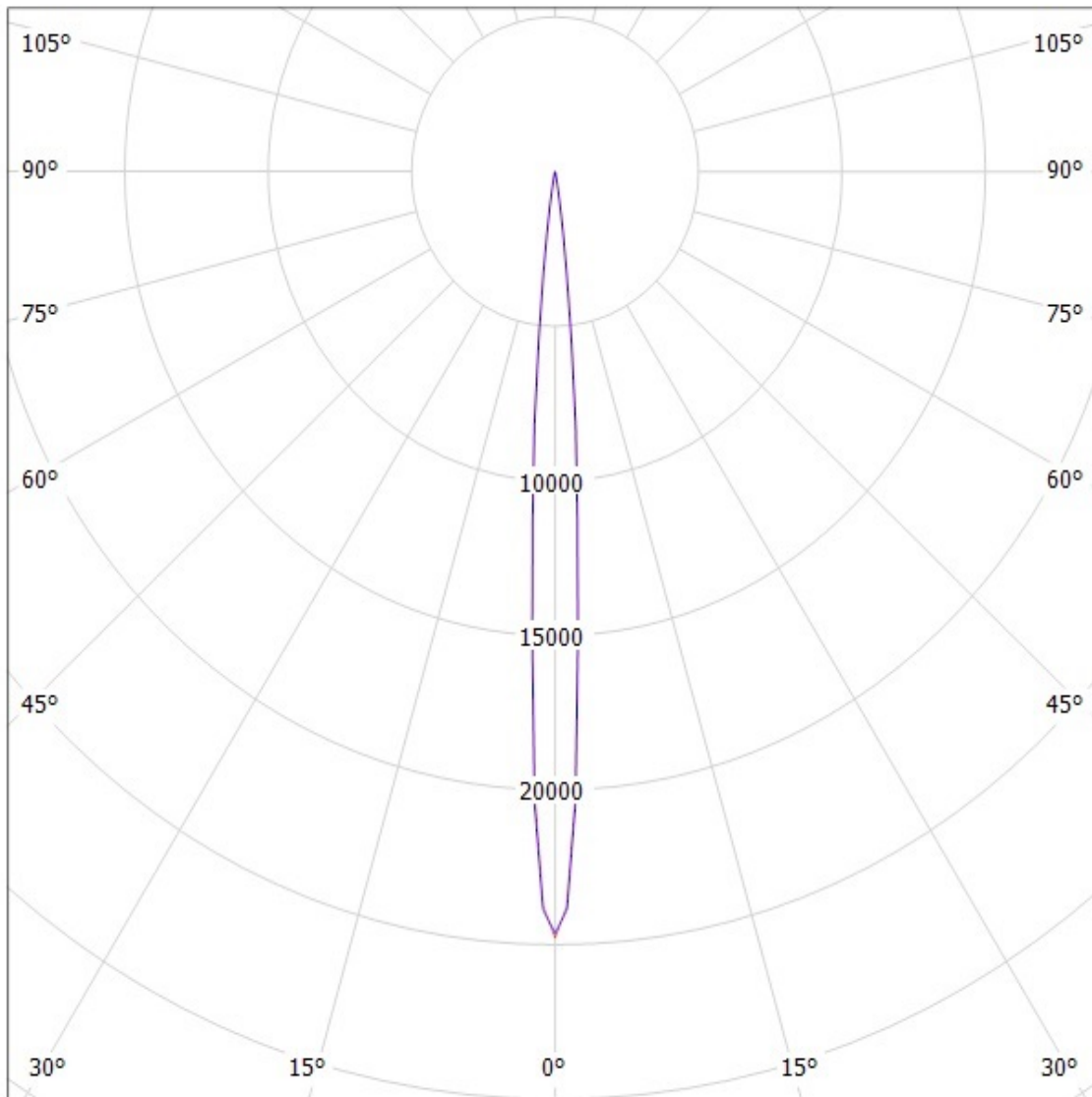
Ledil Oy FA10708_CXP-W FA10708_CXP-W / LDC (Linear)

Luminaire: Ledil Oy FA10708_CXP-W FA10708_CXP-W
Lamps: 1 x Cree XP-E (white)



Ledil Oy FA10668_CXP-RS FA10668_CXP-RS / LDC (Polar)

Luminaire: Ledil Oy FA10668_CXP-RS FA10668_CXP-RS
Lamps: 1 x Cree XP-E (white)



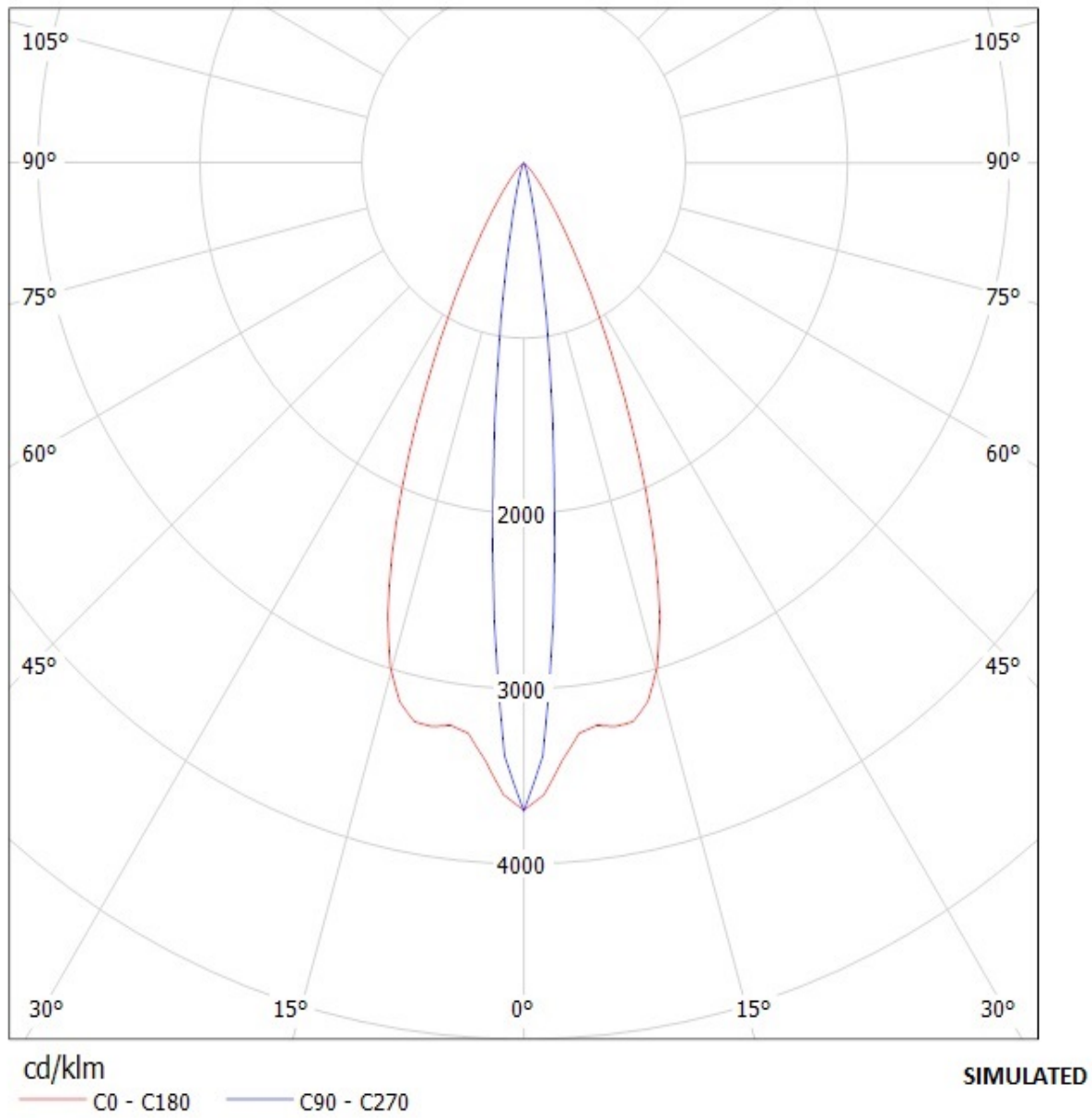
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy FA10669_CXP-O FA10669_CXP-O / LDC (Polar)

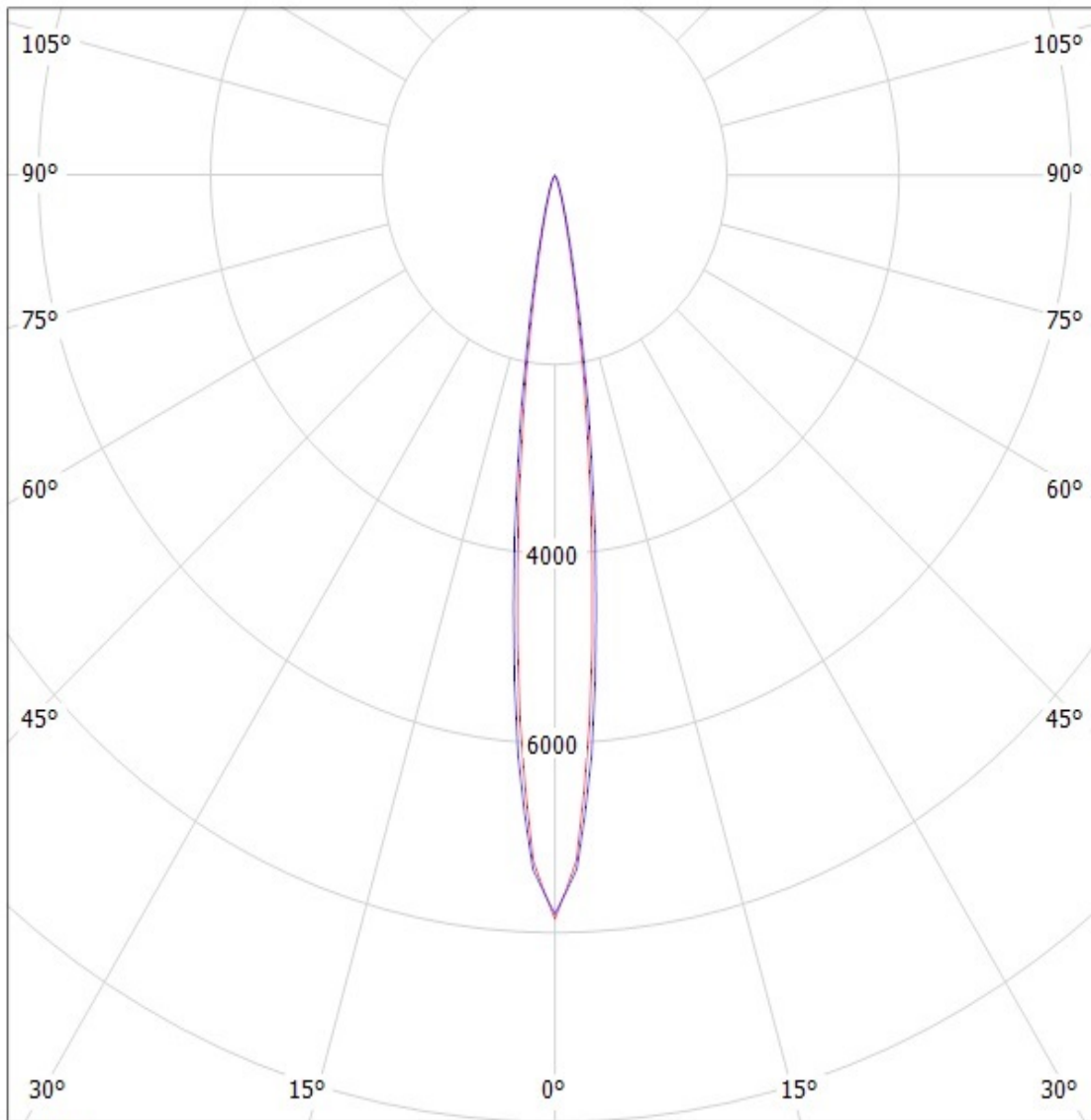
Luminaire: Ledil Oy FA10669_CXP-O FA10669_CXP-O
Lamps: 1 x Cree XP-E (White)



Ledil Oy FA10666_CXP-D FA10666_CXP-D / LDC (Polar)

Luminaire: Ledil Oy FA10666_CXP-D FA10666_CXP-D

Lamps: 1 x Cree XP-E (white)



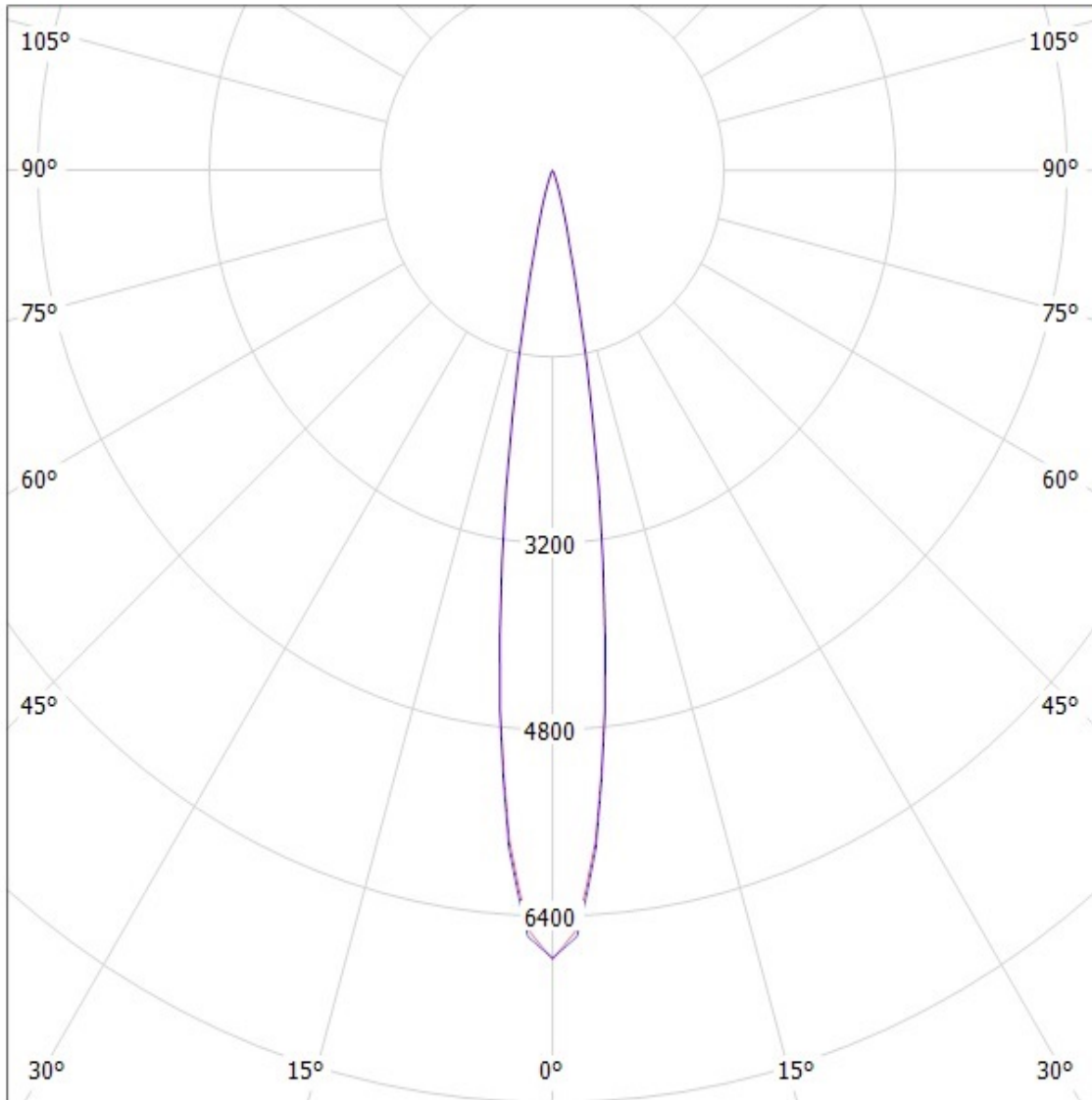
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy FA10667_CXP-SS FA10667_CXP-SS / LDC (Polar)

Luminaire: Ledil Oy FA10667_CXP-SS FA10667_CXP-SS
Lamps: 1 x Cree XP-E (white)



cd/klm

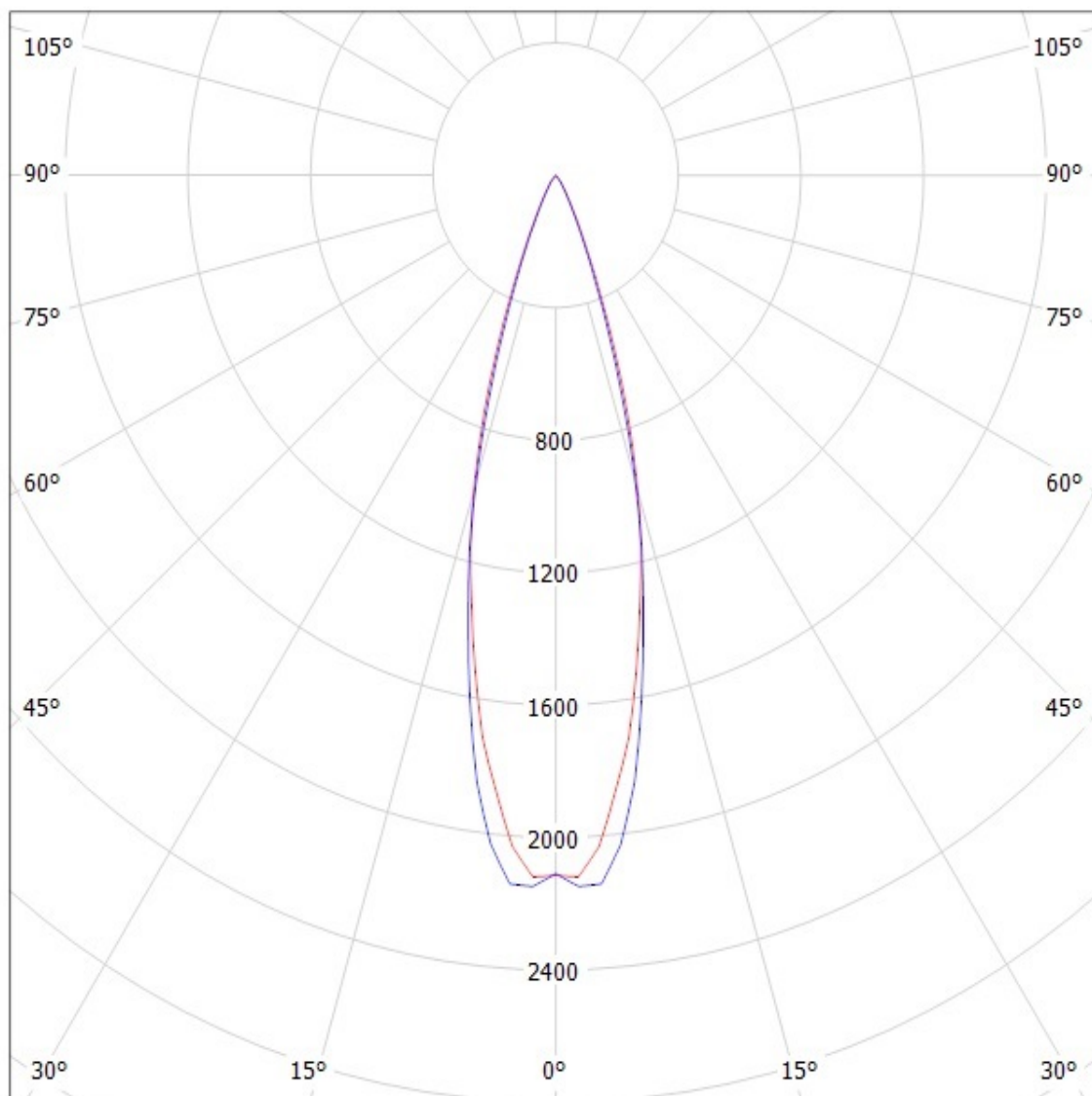
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy FA10665_CXP-M FA10665_CXP-M / LDC (Polar)

Luminaire: Ledil Oy FA10665_CXP-M FA10665_CXP-M

Lamps: 1 x Cree XP-E (white)



cd/klm

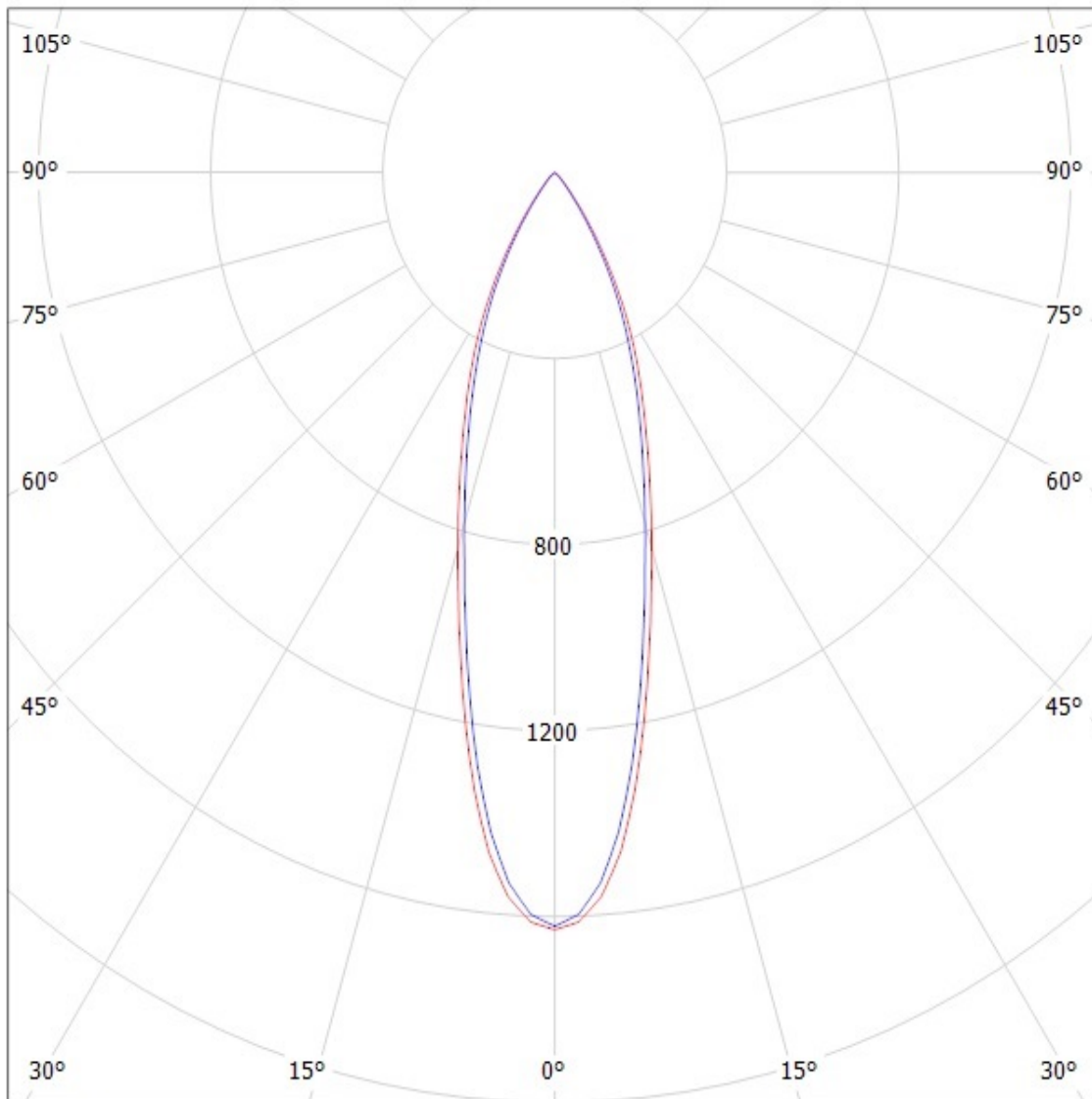
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy FA10708_CXP-W FA10708_CXP-W / LDC (Polar)

Luminaire: Ledil Oy FA10708_CXP-W FA10708_CXP-W

Lamps: 1 x Cree XP-E (white)



cd/klm

— C0 - C180 — C90 - C270

SIMULATED