

**Product number FA11909_CXM-RS**

Family	Rose	FWHM	18 degrees
Type	Assembly	Efficiency	93 %
LED	XM-L	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	12.9 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA11910_CXM-D**

Family	Rose	FWHM	22 degrees
Type	Assembly	Efficiency	84 %
LED	XM-L	cd/lm	4.400
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	12.9 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA11908_CXM-SS**

Family	Rose	FWHM	23 degrees
Type	Assembly	Efficiency	86 %
LED	XM-L	cd/lm	4.500
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	12.9 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

**Product number FA11911_CXM-M**

Family	Rose	FWHM	32 degrees
Type	Assembly	Efficiency	82 %
LED	XM-L	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	12.9 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

PRODUCT DATASHEET

Rose series

last update 17/6/2014

**Product number FA11912_CXM-O**

Family	Rose	FWHM	42+22 degrees
Type	Assembly	Efficiency	80 %
LED	XM-L	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	12.9 mm		
Style	Square		
Optic Material	PC		
Holder Material	-		
Fastening	["tape"]		
Status	Production ready		

Product number FA12620_CXM-W

Family	Rose	FWHM	56 degrees
Type	Assembly	Efficiency	79 %
LED	XM-L	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	12.9 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 17/6/2014

GENERAL INFORMATION

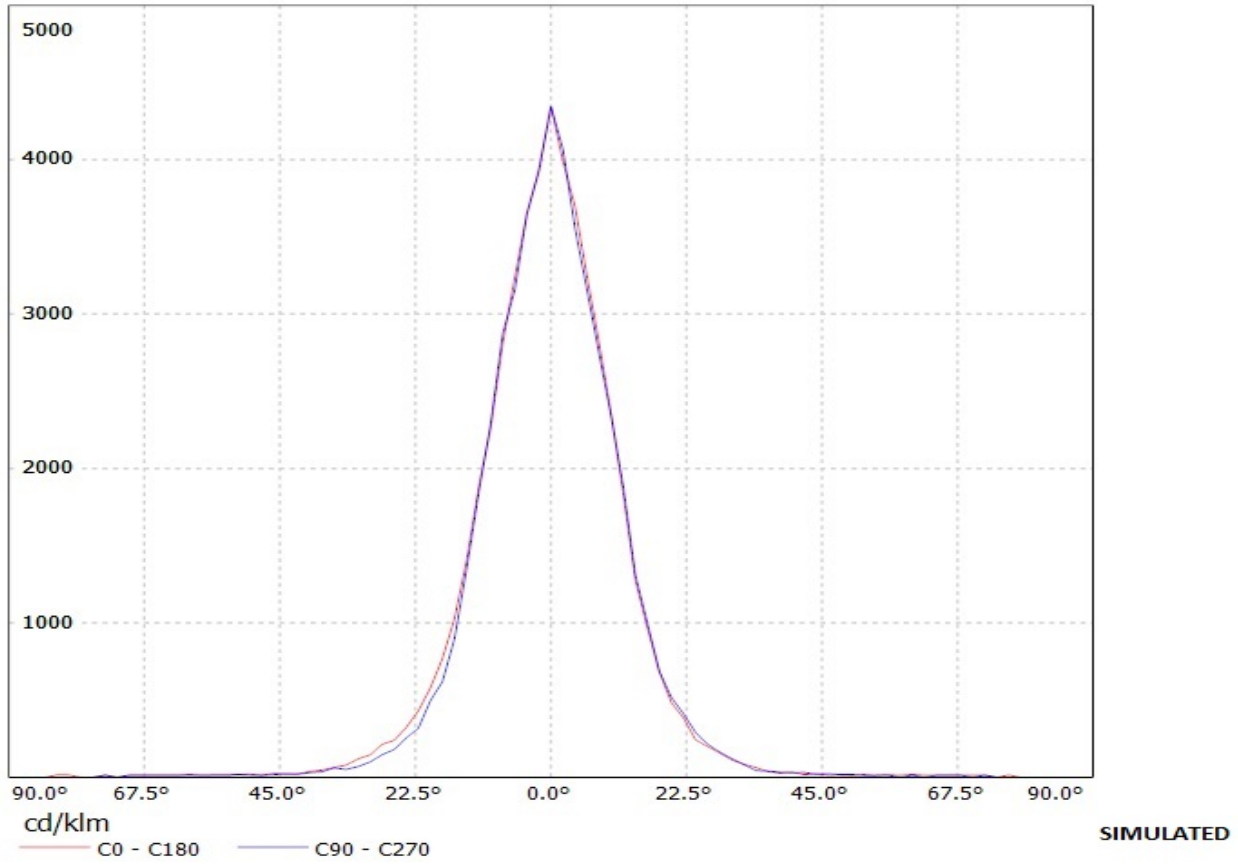
- Product series especially designed & optimized for XM-L series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PC with high UV and temperature resistance (100 degrees of Celcius / 212 degrees of Fahrenheit). Allows use of high current and 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

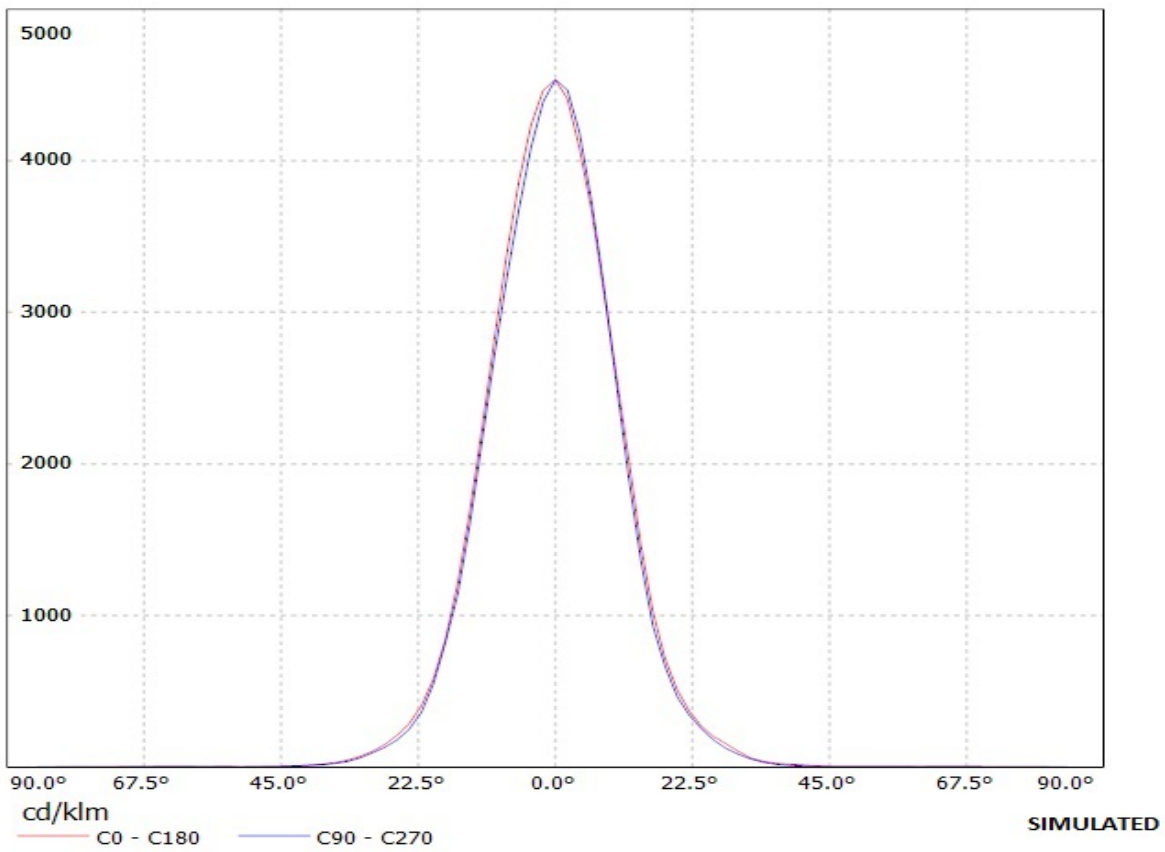
Ledil Oy FA11910_CXM-D-BLK (Cree XM-L) LOR=84% / LDC (Linear)

Luminaire: Ledil Oy FA11910_CXM-D-BLK (Cree XM-L) LOR=84%
Lamps: 1 x Cree XM-L 93lm @ 250mA



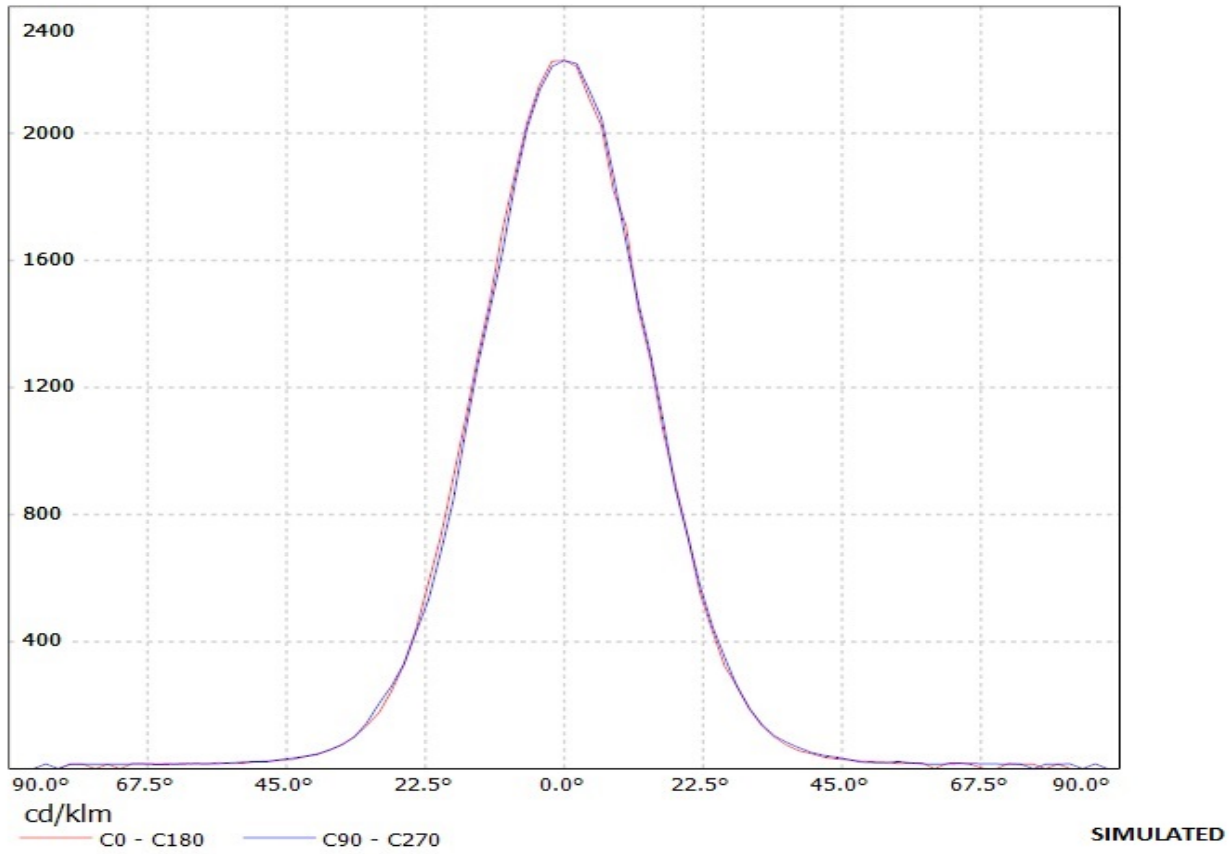
Ledil Oy FA11908_CXM-SS-BLK (Cree XM-L) LOR=86% / LDC (Linear)

Luminaire: Ledil Oy FA11908_CXM-SS-BLK (Cree XM-L) LOR=86%
Lamps: 1 x Cree XM-L 93 lm @ 250mA



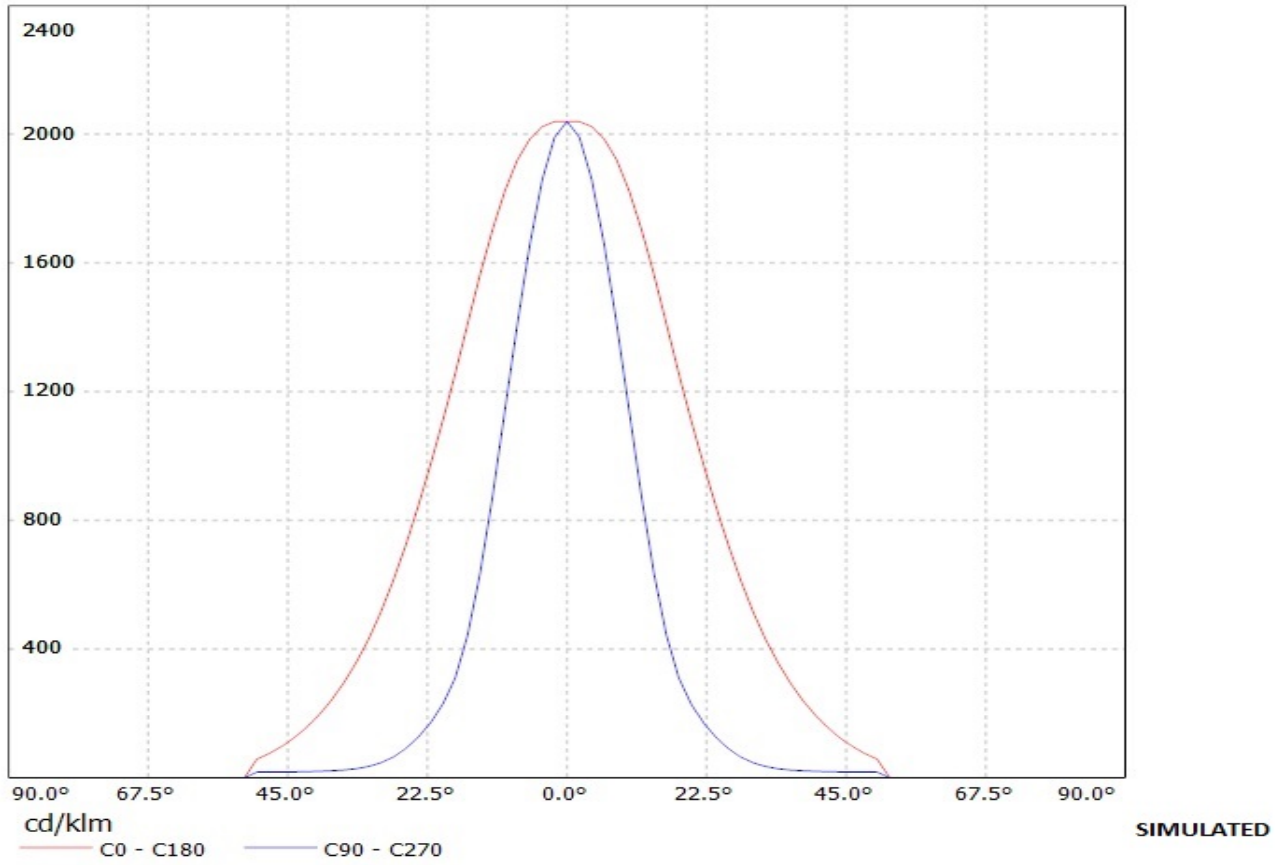
Ledil Oy FA11911_CXM-M-BLK (Cree XM-L) LOR=82% / LDC (Linear)

Luminaire: Ledil Oy FA11911_CXM-M-BLK (Cree XM-L) LOR=82%
Lamps: 1 x Cree XM-L 93lm @ 250mA

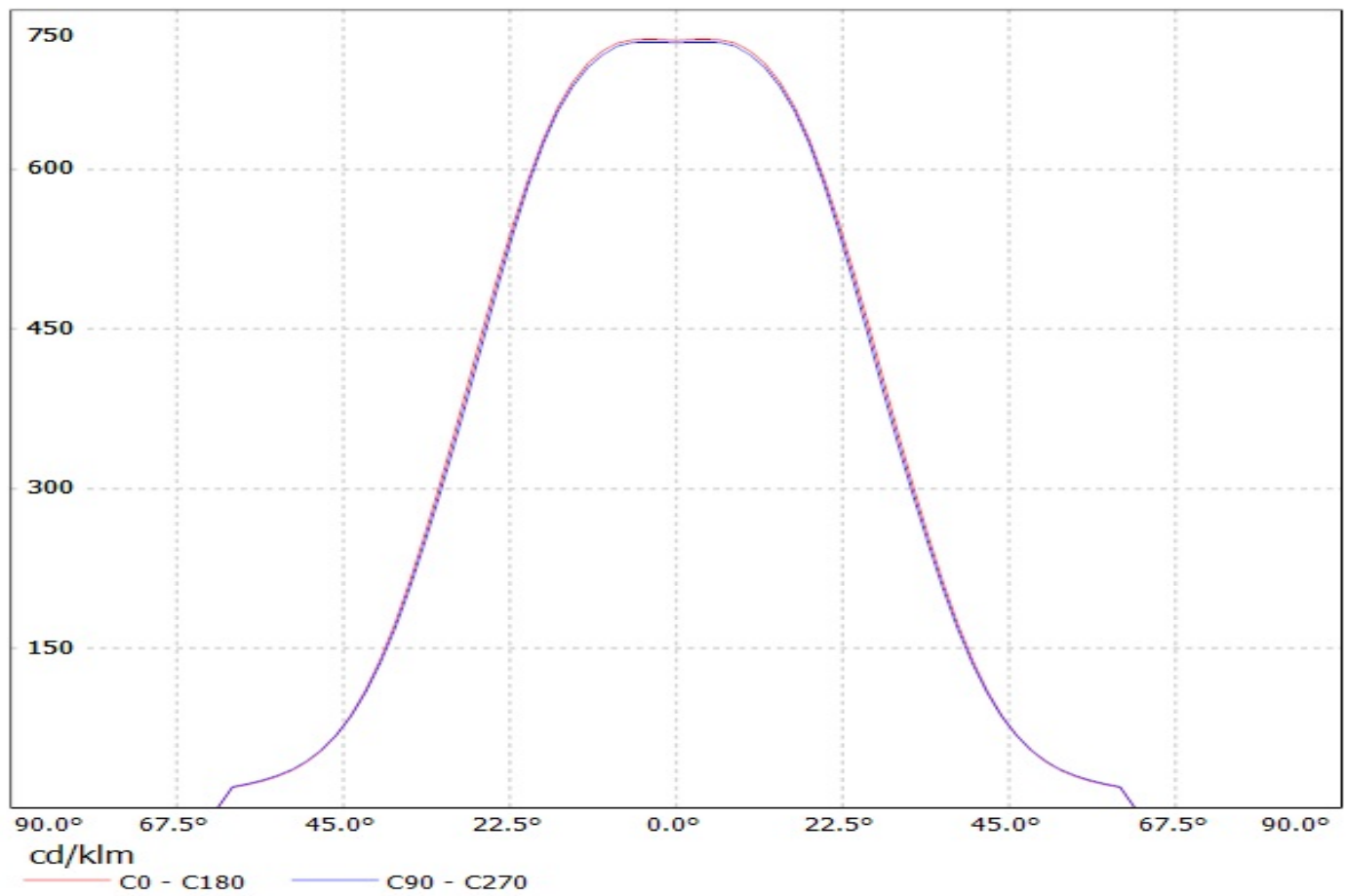


Ledil Oy FA11912_CXM_O FA11912_CXM_O / LDC (Linear)

Luminaire: Ledil Oy FA11912_CXM_O FA11912_CXM_O
Lamps: 1 x Cree XM-L white

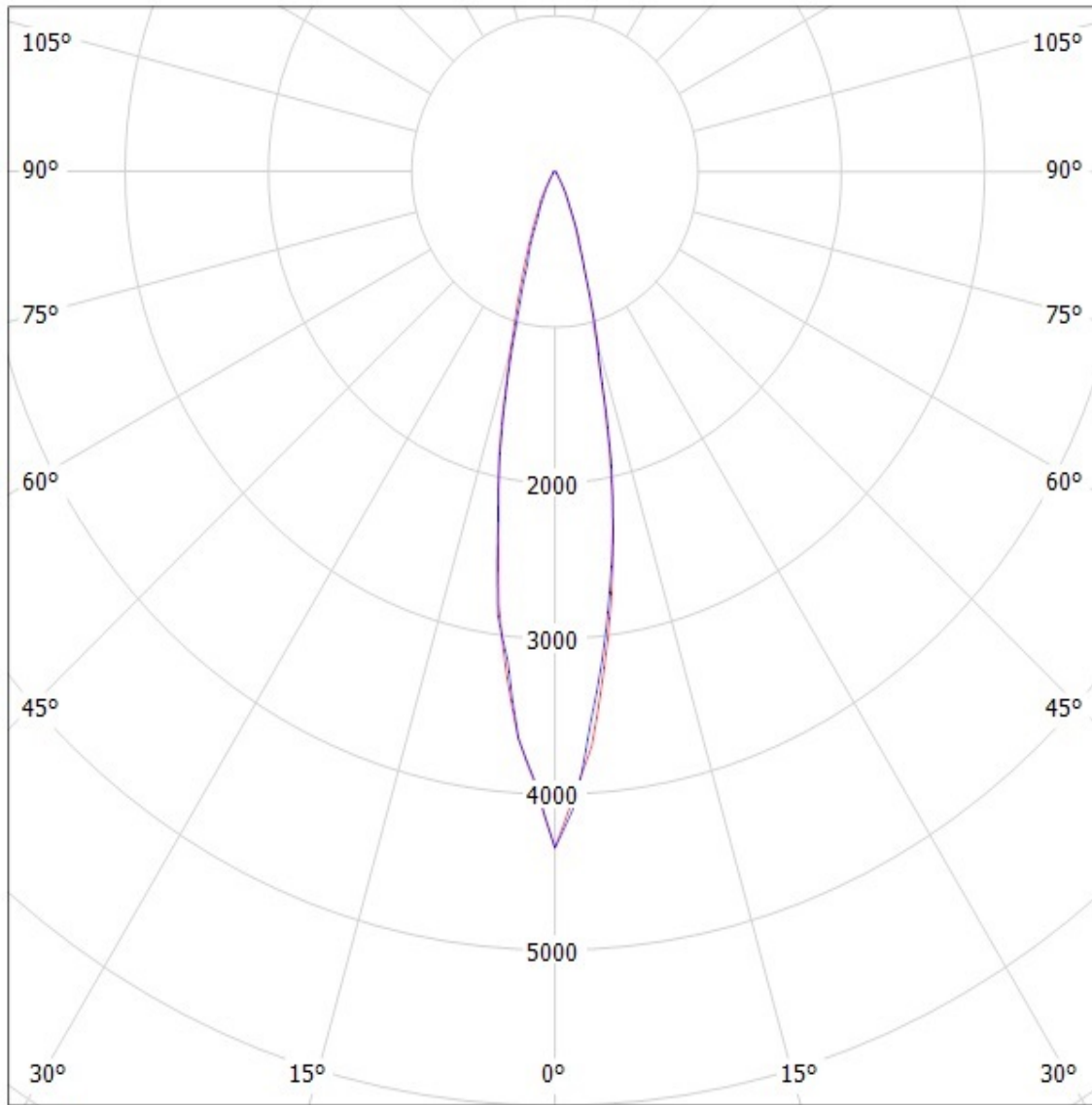


Luminaire: Ledil Oy FA12620_CXM-W FA12620_CXM-W
Lamps: 1 x Cree XM-L white



Ledil Oy FA11910_CXM-D-BLK (Cree XM-L) LOR=84% / LDC (Polar)

Luminaire: Ledil Oy FA11910_CXM-D-BLK (Cree XM-L) LOR=84%
Lamps: 1 x Cree XM-L 93lm @ 250mA



cd/klm

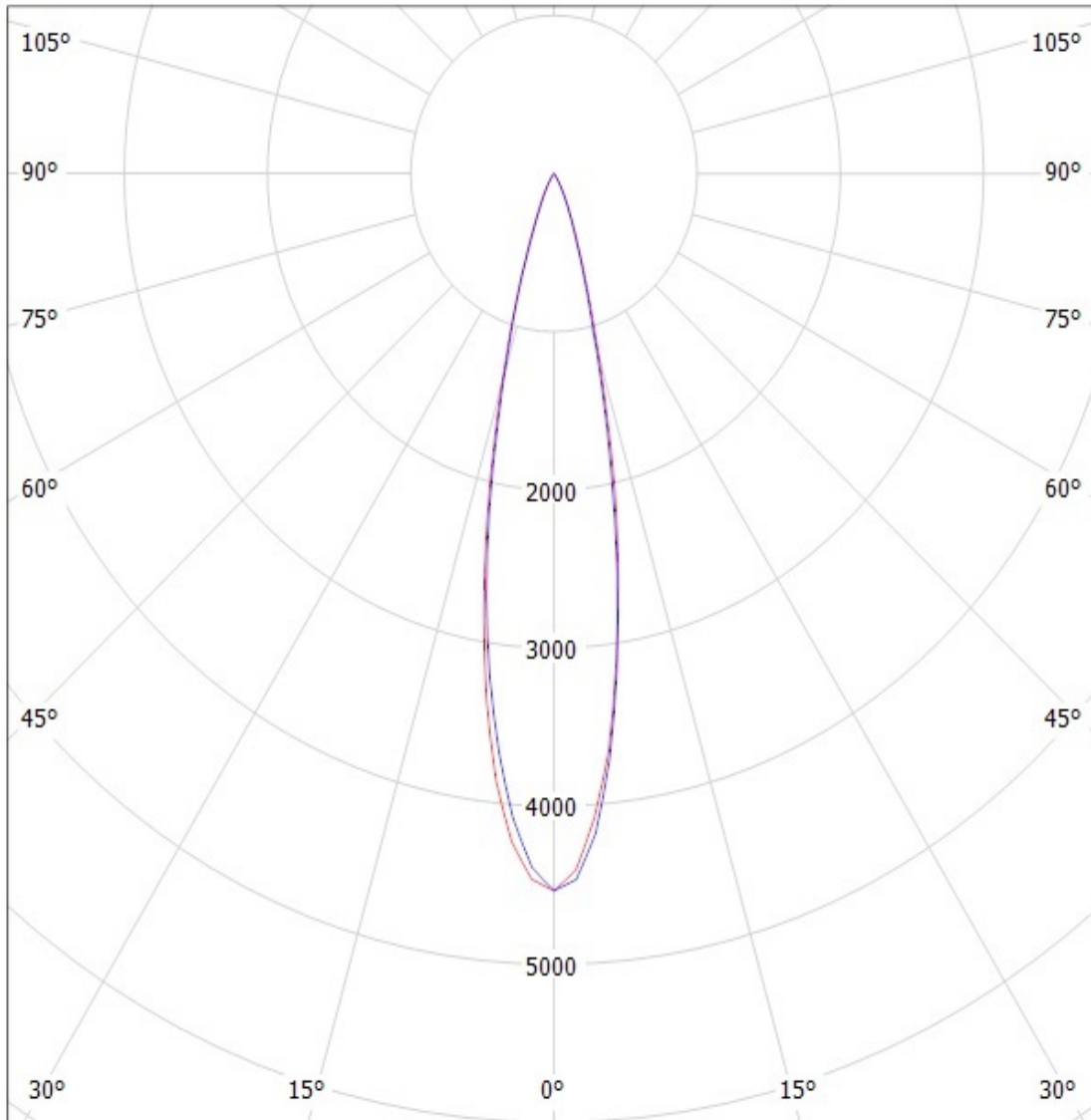
— C0 - C180

— C90 - C270

SIMULATED

Ledil Oy FA11908_CXM-SS-BLK (Cree XM-L) LOR=86% / LDC (Polar)

Luminaire: Ledil Oy FA11908_CXM-SS-BLK (Cree XM-L) LOR=86%
Lamps: 1 x Cree XM-L 93 lm @ 250mA



cd/klm

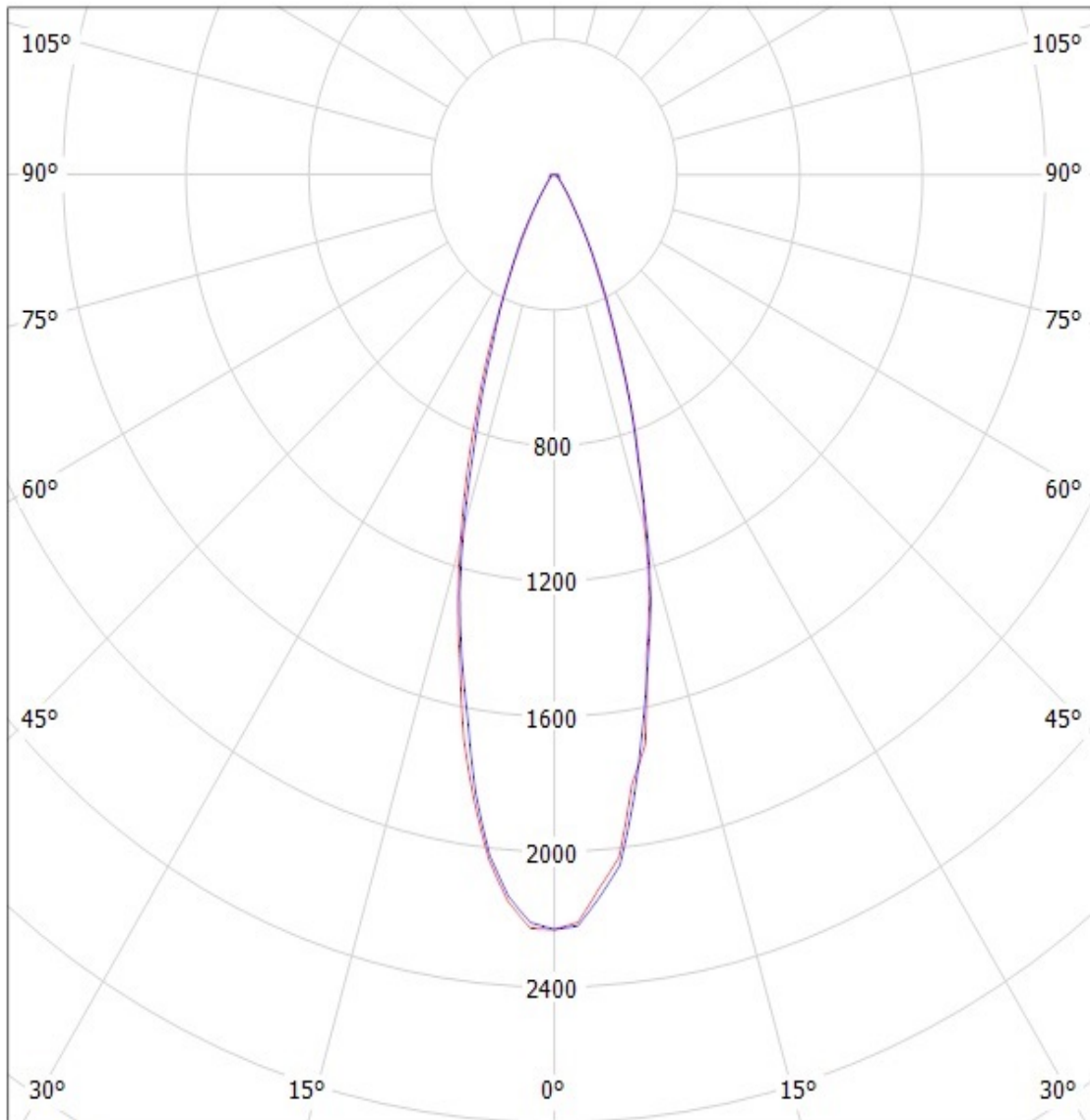
— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy FA11911_CXM-M-BLK (Cree XM-L) LOR=82% / LDC (Polar)

Luminaire: Ledil Oy FA11911_CXM-M-BLK (Cree XM-L) LOR=82%

Lamps: 1 x Cree XM-L 93lm @ 250mA



cd/klm

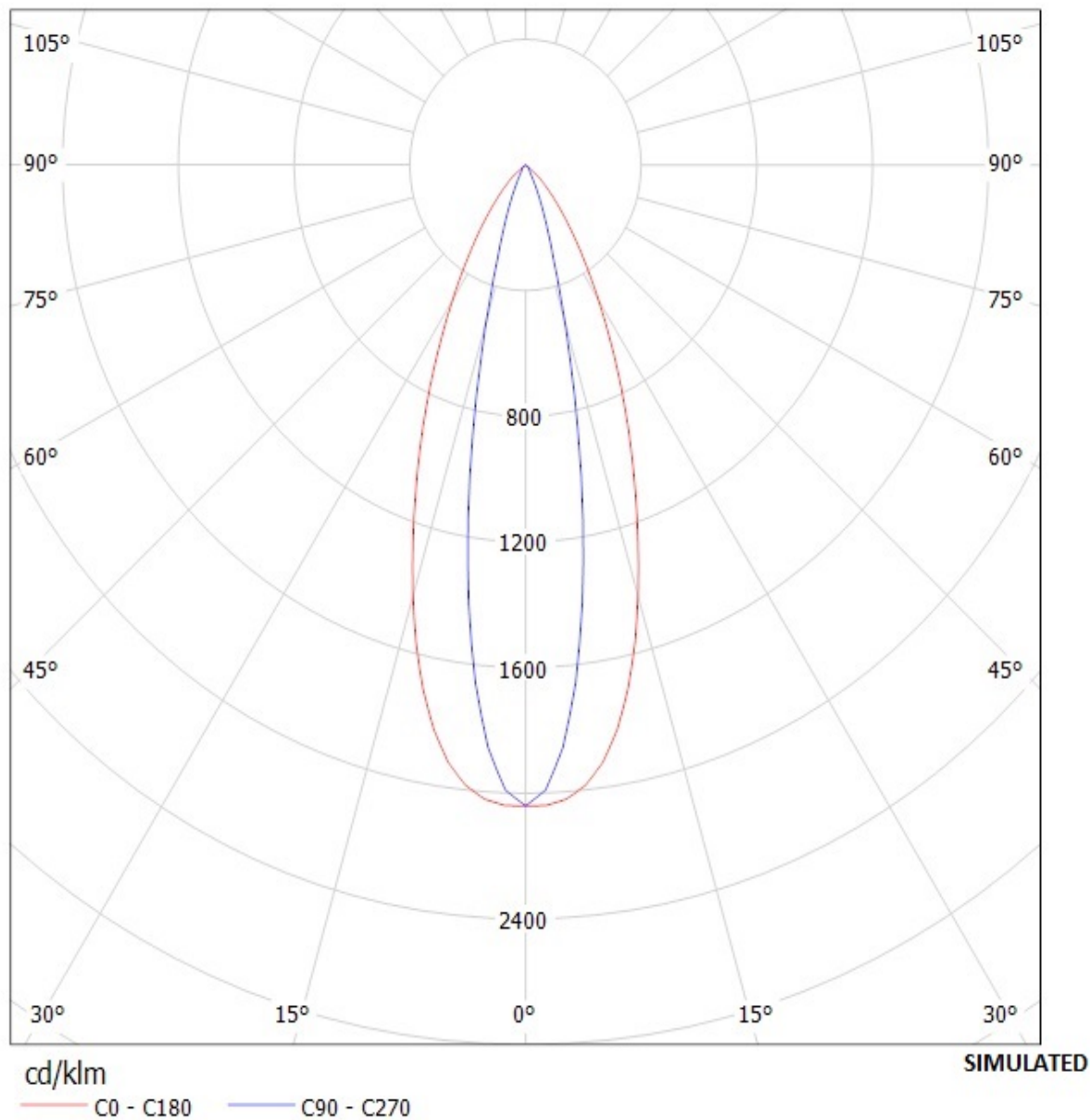
— C0 - C180 — C90 - C270

SIMULATED

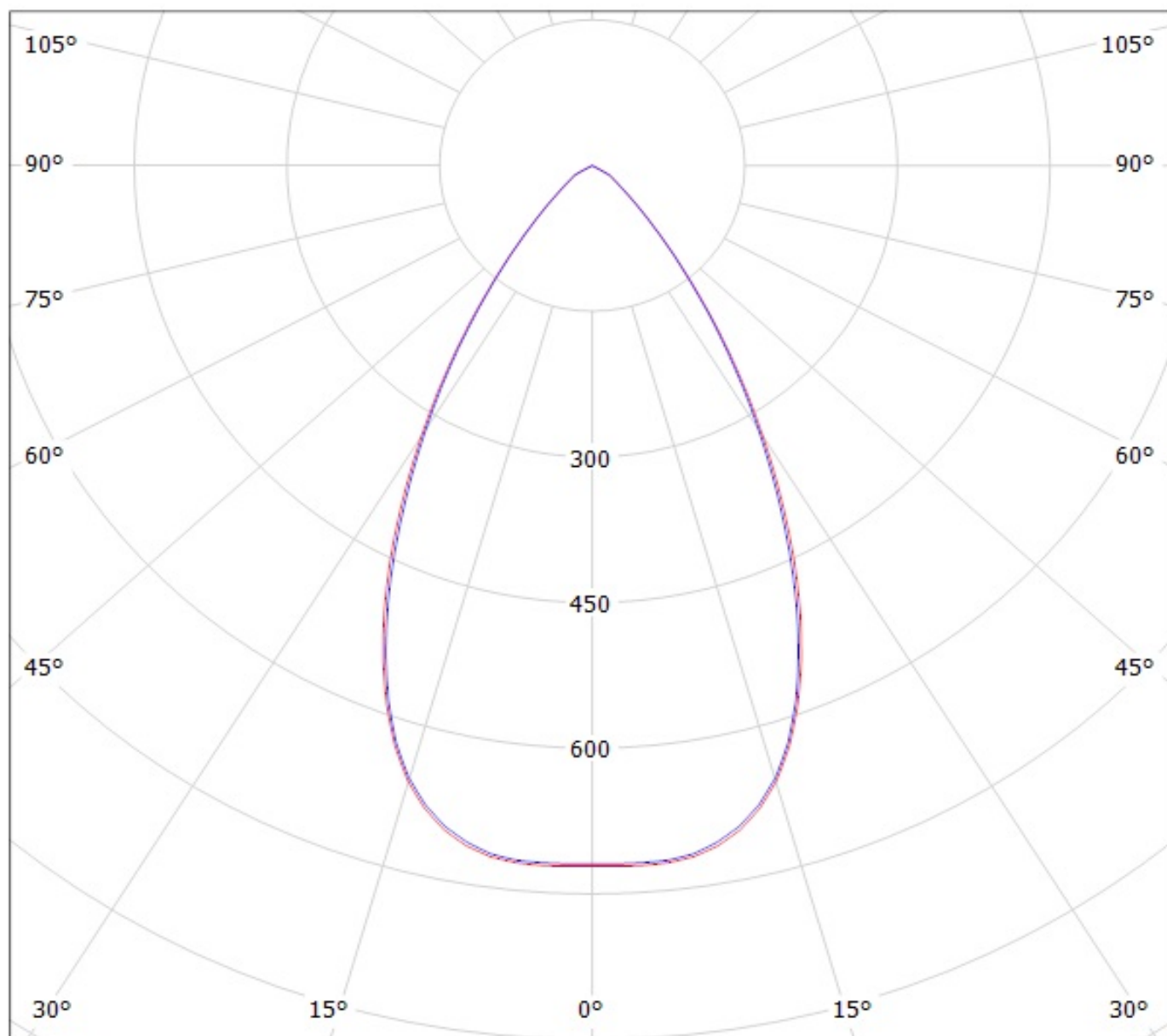
Ledil Oy FA11912_CXM_O FA11912_CXM_O / LDC (Polar)

Luminaire: Ledil Oy FA11912_CXM_O FA11912_CXM_O

Lamps: 1 x Cree XM-L white



Luminaire: Ledil Oy FA12620_CXM-W FA12620_CXM-W
Lamps: 1 x Cree XM-L white



cd/klm

— C0 - C180

— C90 - C270