

**Product number CA12055_EVA-S**

Family	Eva	FWHM	13 degrees
Type	Assembly	Efficiency	92 %
LED	XM-L	cd/Im	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "tape"]		
Status	Production ready		

**Product number CA12057_EVA-D**

Family	Eva	FWHM	16 degrees
Type	Assembly	Efficiency	90 %
LED	XM-L	cd/Im	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "screw"]		
Status	Production ready		

**Product number CA12058_EVA-M**

Family	Eva	FWHM	24 degrees
Type	Assembly	Efficiency	89 %
LED	XM-L	cd/Im	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "screw"]		
Status	Production ready		

**Product number CA12059_EVA-W**

Family	Eva	FWHM	40 degrees
Type	Assembly	Efficiency	83 %
LED	XM-L	cd/Im	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "screw"]		
Status	Production ready		

**Product number** CA12060_EVA-WW

Family	Eva	FWHM	64 degrees
Type	Assembly	Efficiency	79 %
LED	XM-L	cd/Im	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "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

Eva series

last update 27/6/2013

GENERAL INFORMATION

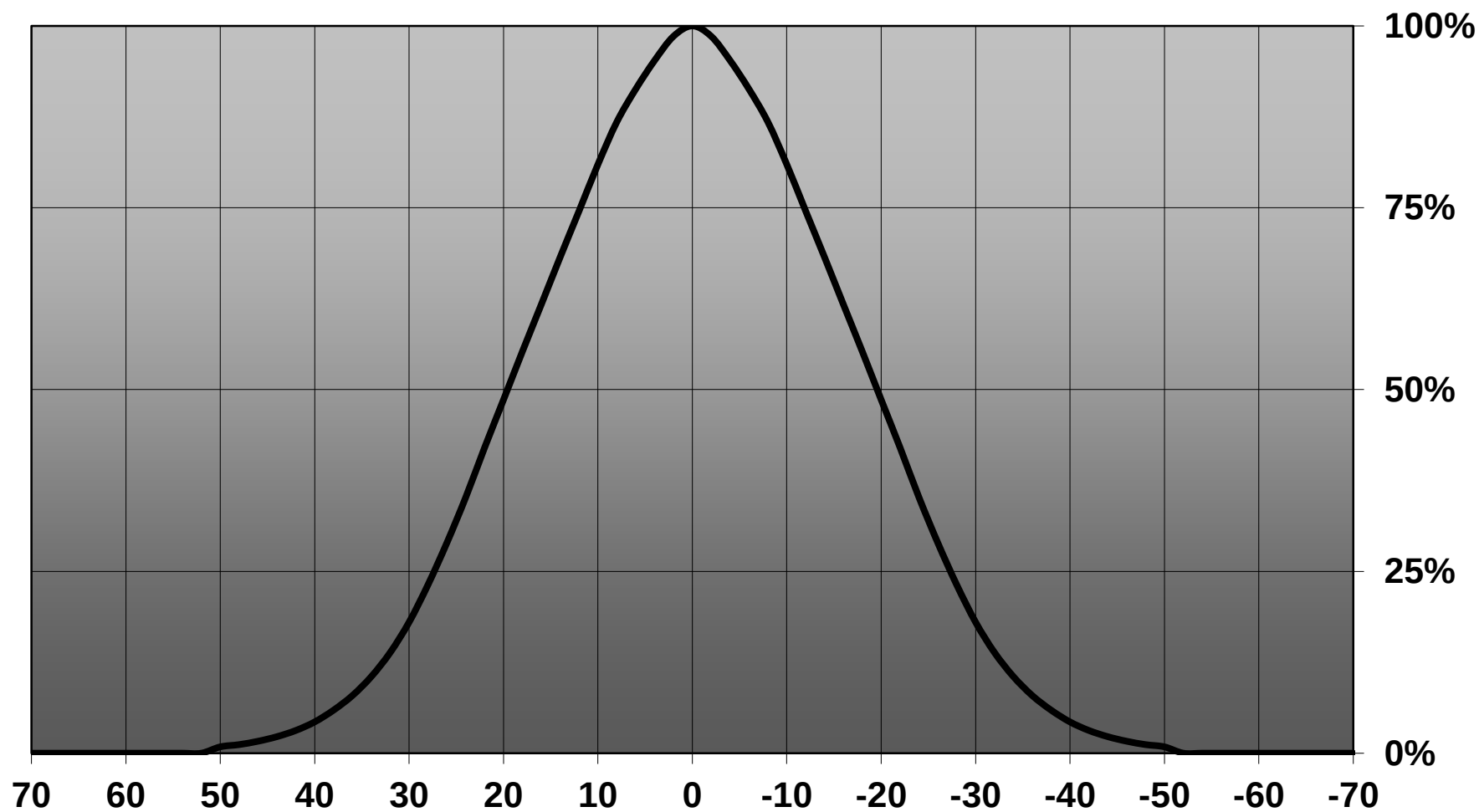
- Product series especially designed & optimized for XM-L series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

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%20PLEXIGLAS-Datasheet.pdf>

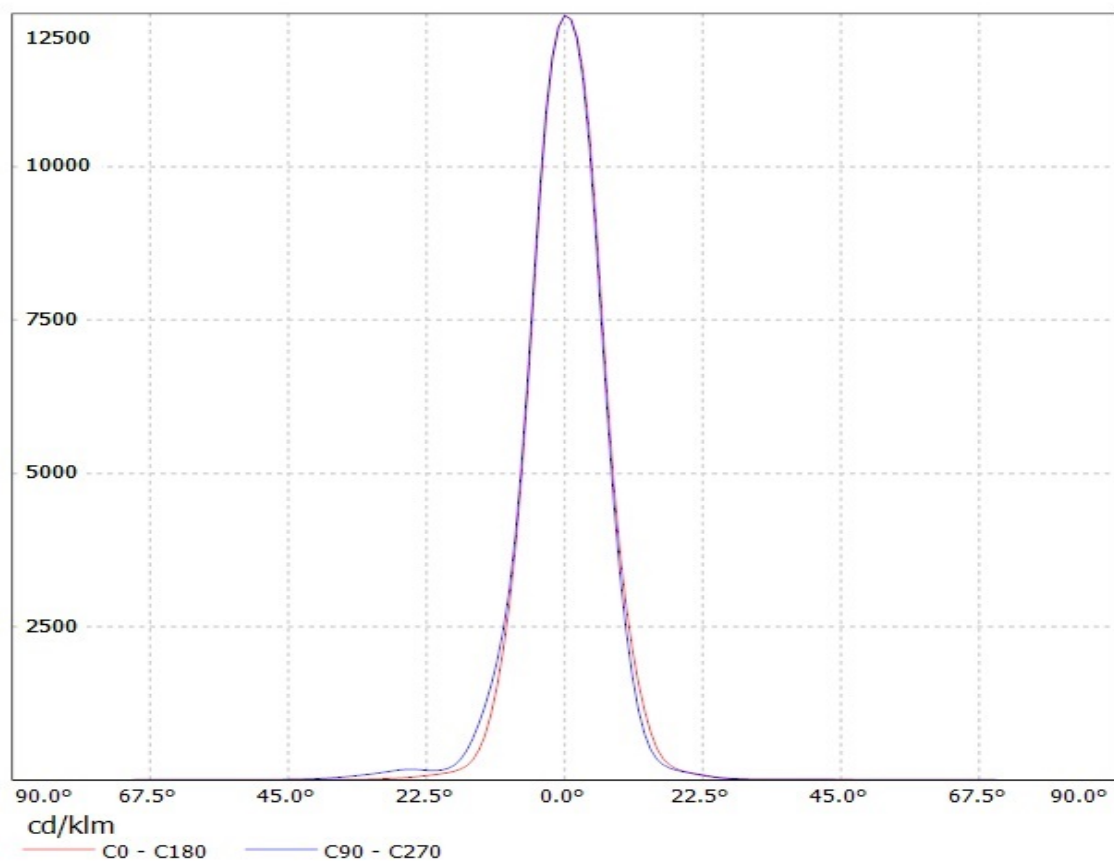
Relative intensity of CA12059_Eva-W-XM-Tape



Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape / LDC (Linear)

Luminaire: Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape

Lamps: 1 x LED Module

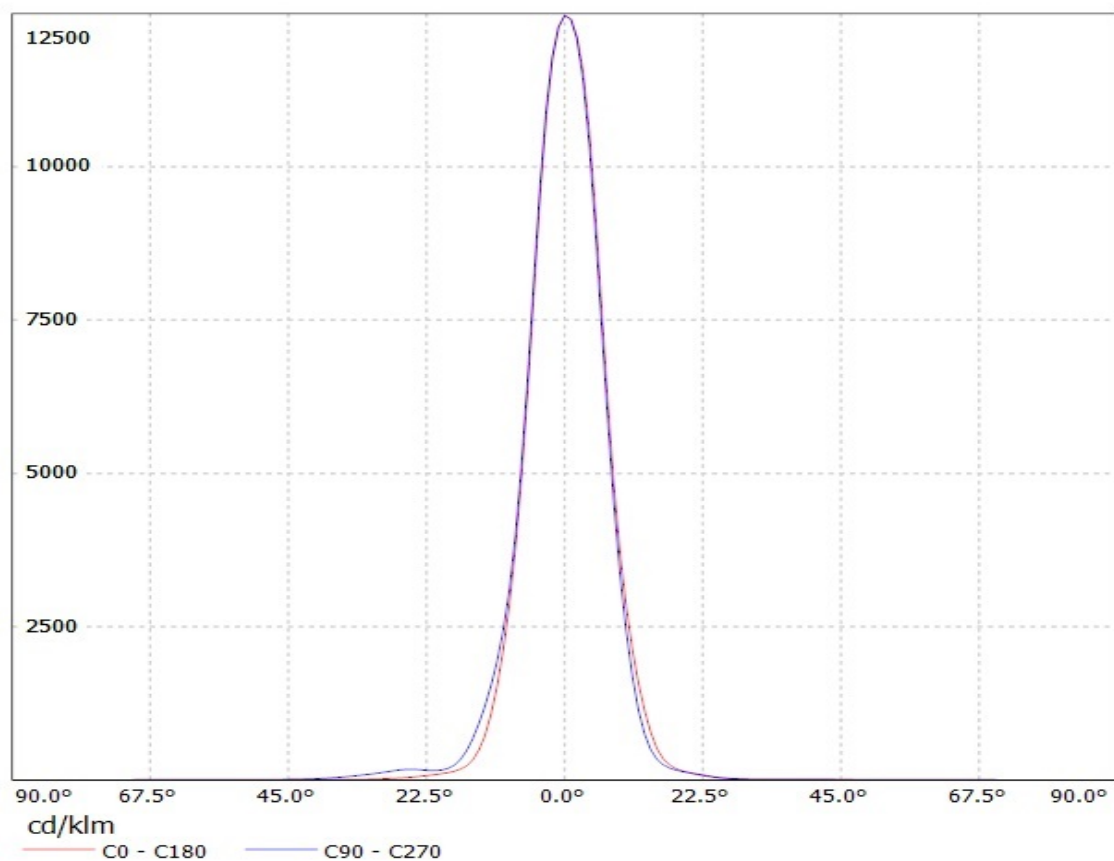


SIMULATED

Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape / LDC (Linear)

Luminaire: Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape

Lamps: 1 x LED Module

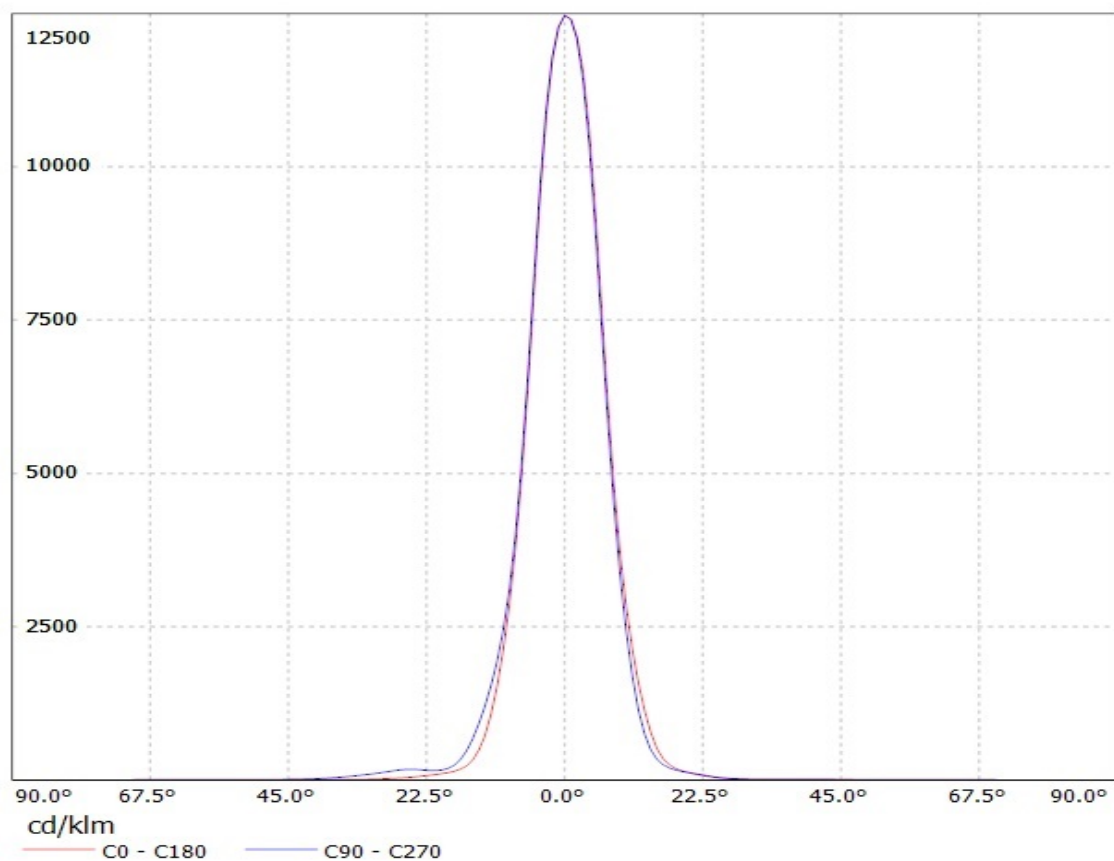


SIMULATED

Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape / LDC (Linear)

Luminaire: Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape

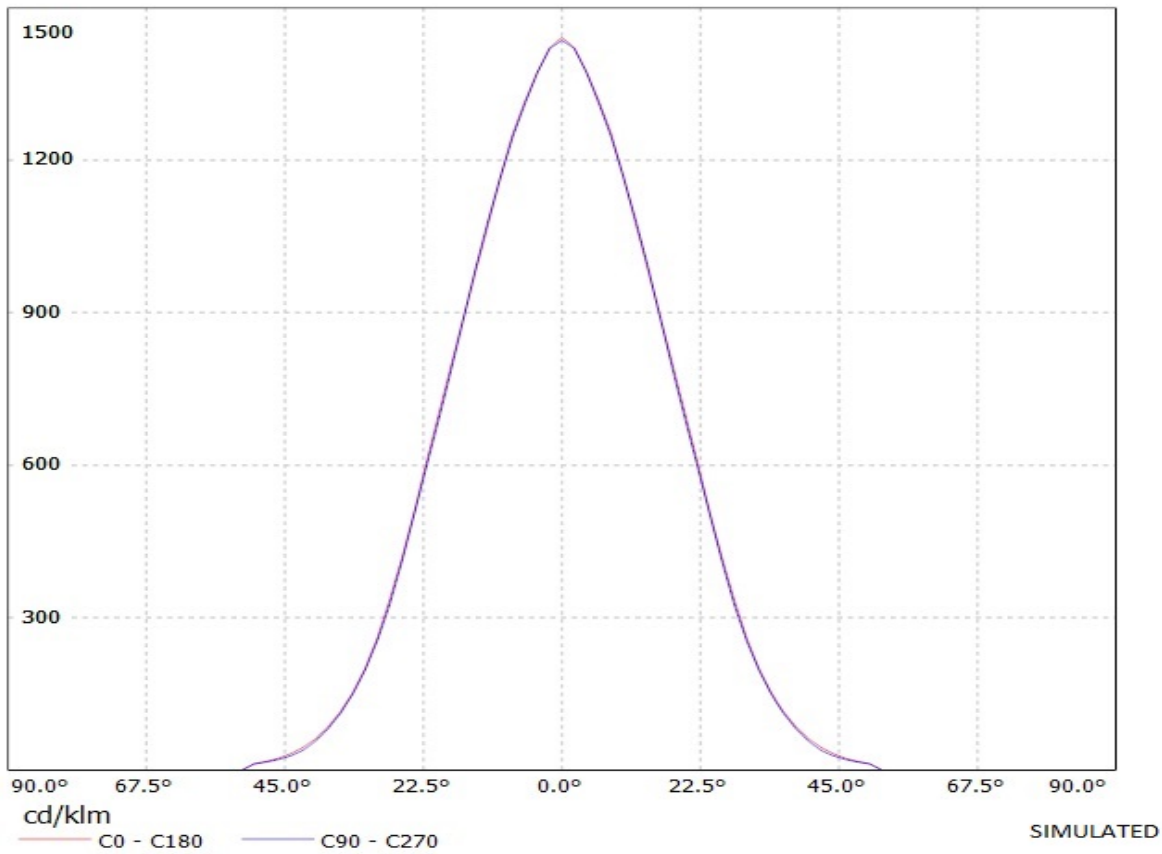
Lamps: 1 x LED Module



SIMULATED

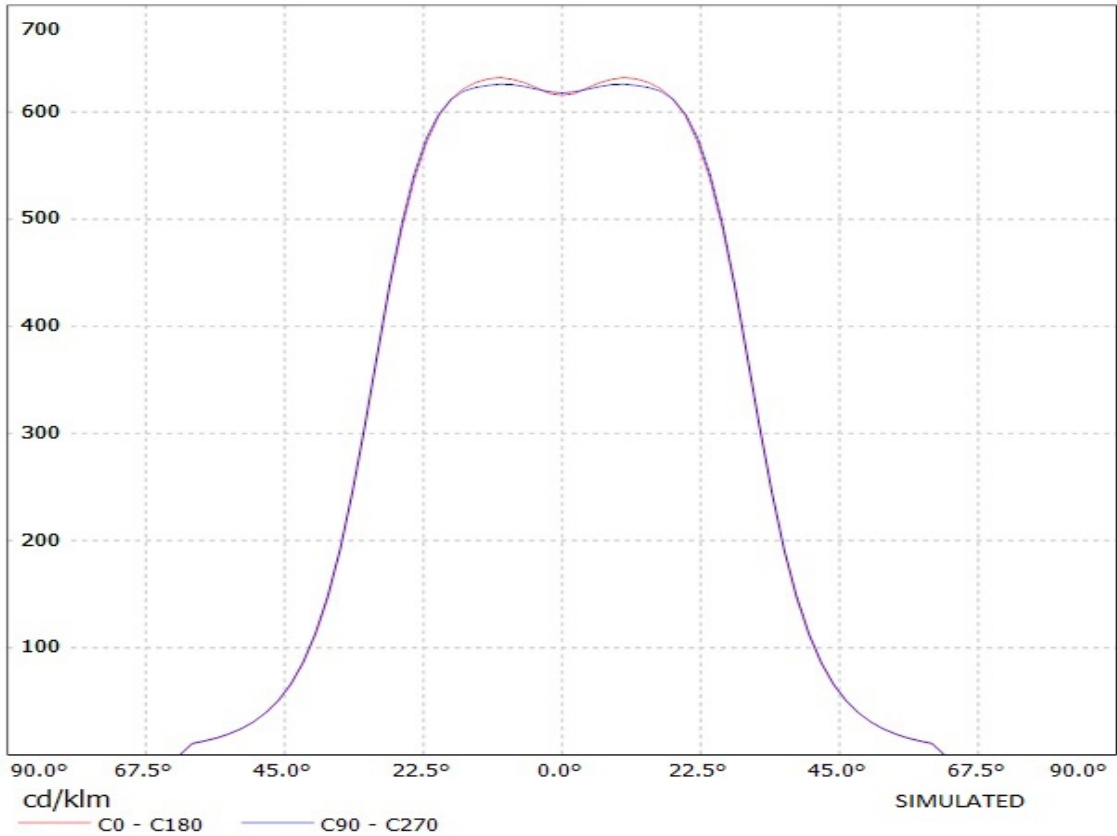
Ledil Oy CA12059_Eva-W-XM-Tape CA12059_Eva-W-XM-Tape / LDC (Linear)

Luminaire: Ledil Oy CA12059_Eva-W-XM-Tape CA12059_Eva-W-XM-Tape
Lamps: 1 x Cree XM-L white



Ledil Oy C10909_CA12060_Eva-WW-XM-Tape C10909_CA12060_Eva-WW-XM-Tape / LDC (Linear)

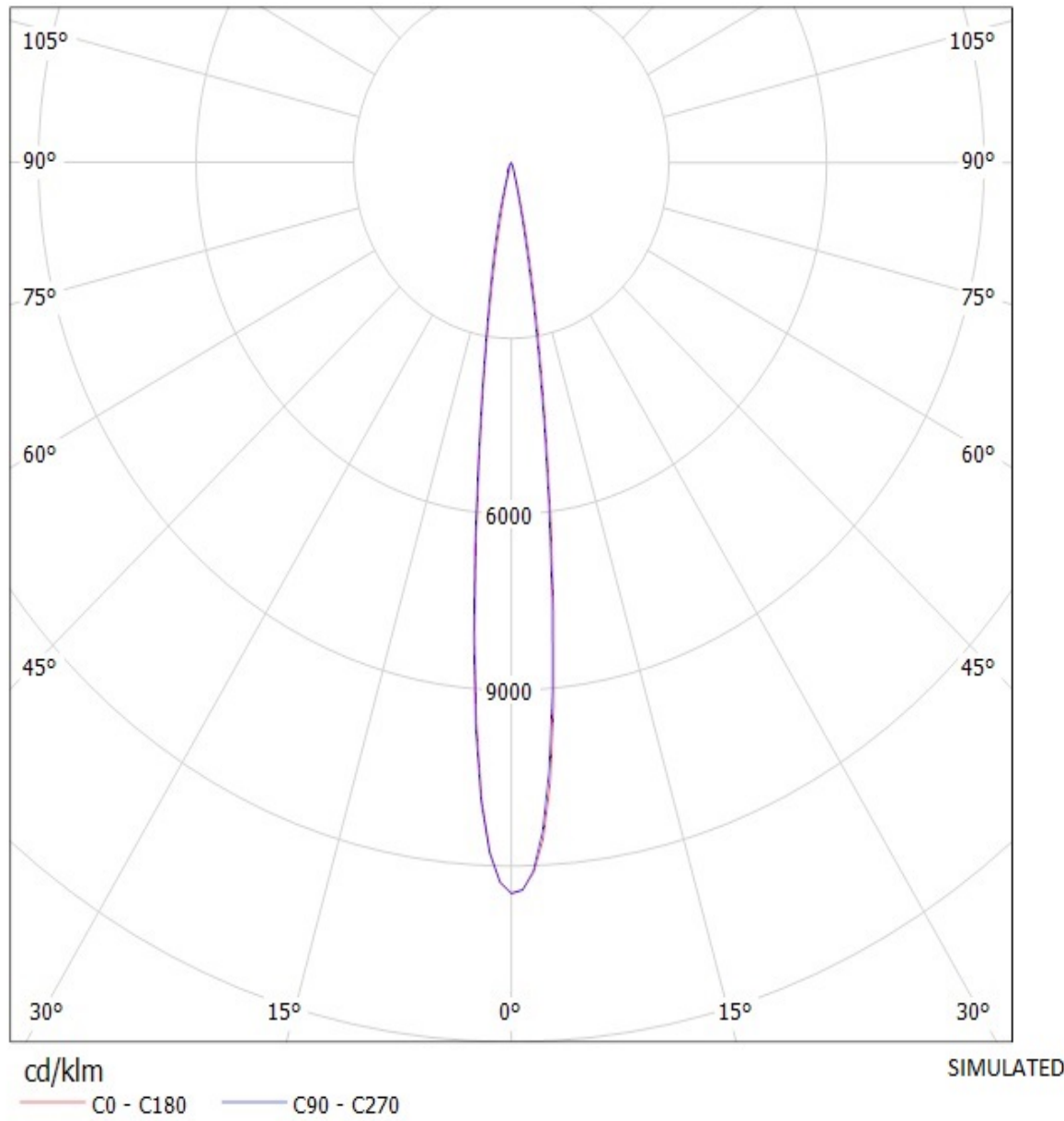
Luminaire: Ledil Oy C10909_CA12060_Eva-WW-XM-Tape C10909_CA12060_Eva-WW-XM-Tape
Lamps: 1 x Cree XM-L



Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape / LDC (Polar)

Luminaire: Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape

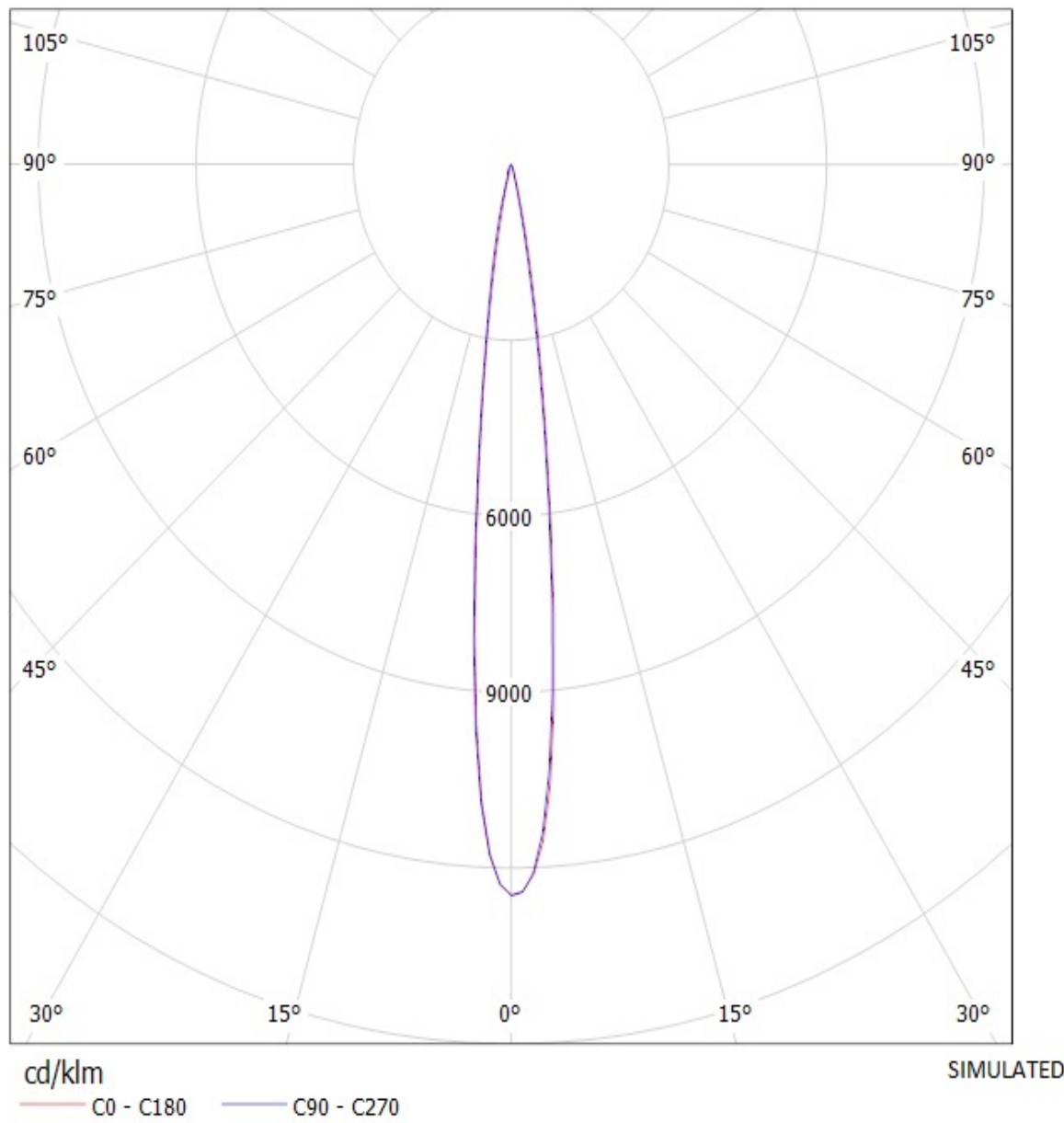
Lamps: 1 x LED Module



Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape / LDC (Polar)

Luminaire: Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape

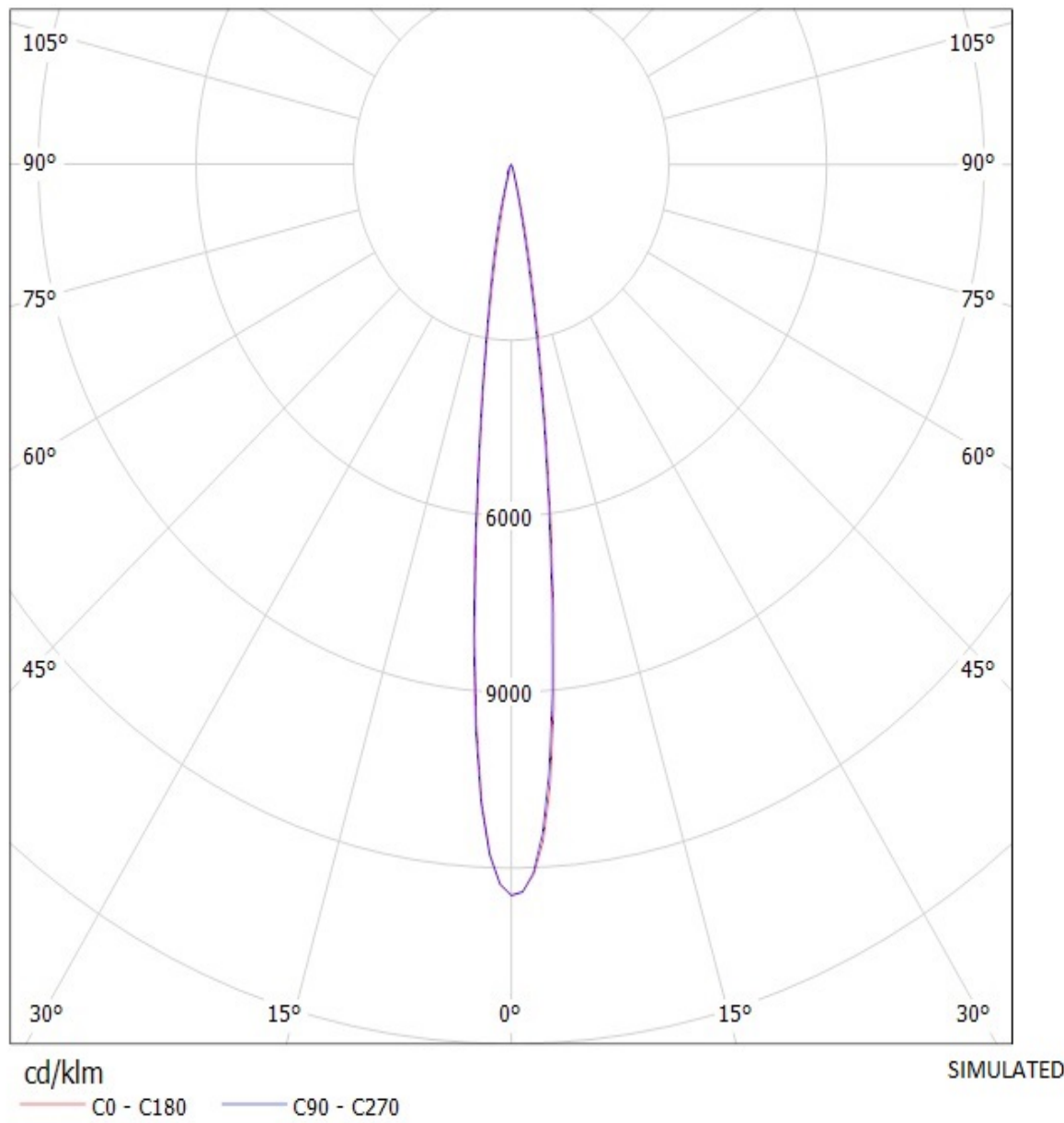
Lamps: 1 x LED Module



Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape / LDC (Polar)

Luminaire: Ledil CA12055_Eva-S-XM-Tape CA12055_Eva-S-XM-Tape

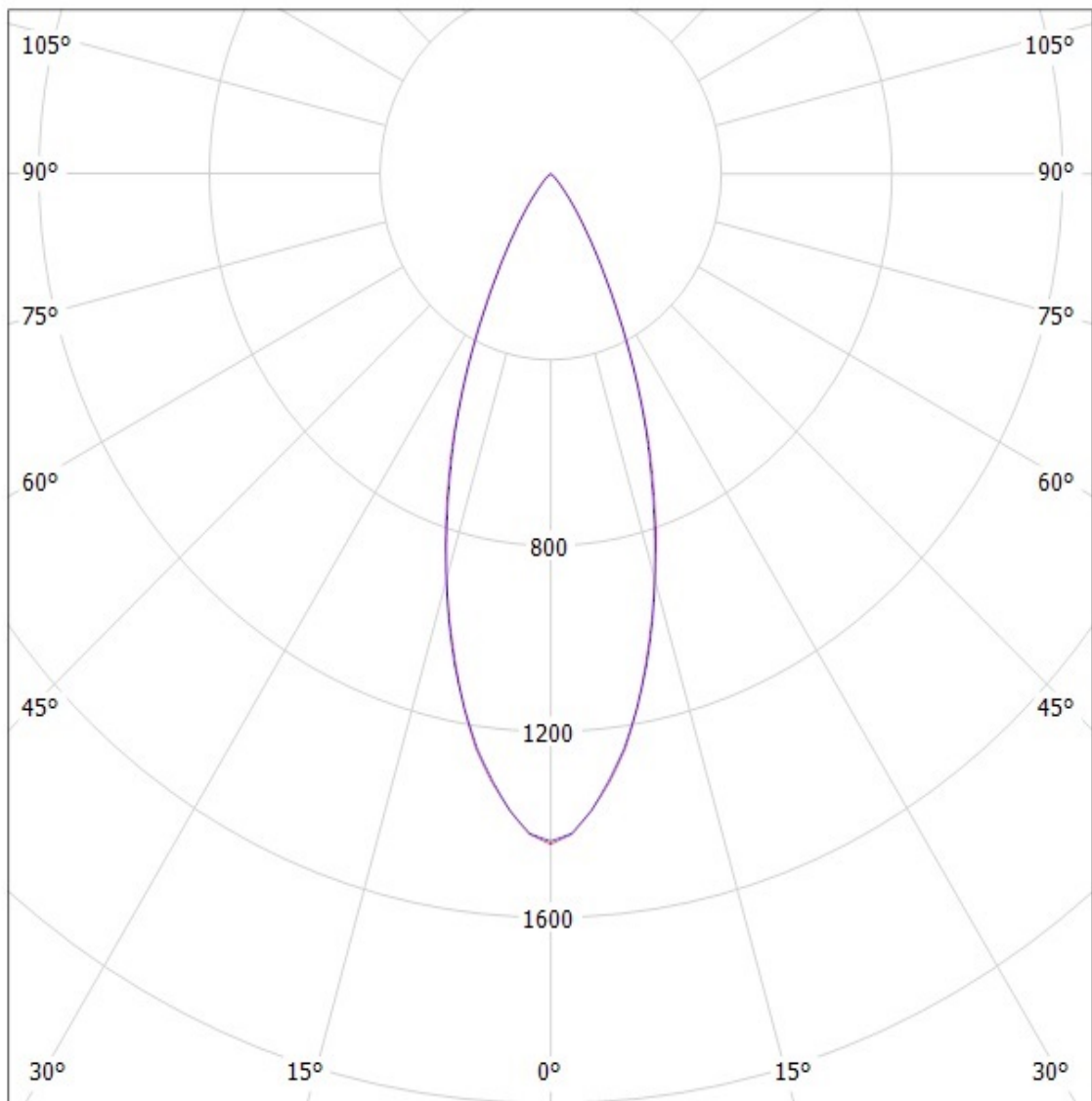
Lamps: 1 x LED Module



Ledil Oy CA12059_Eva-W-XM-Tape CA12059_Eva-W-XM-Tape / LDC (Polar)

Luminaire: Ledil Oy CA12059_Eva-W-XM-Tape CA12059_Eva-W-XM-Tape

Lamps: 1 x Cree XM-L white



cd/klm

— C0 - C180

— C90 - C270

SIMULATED

Ledil Oy C10909_CA12060_Eva-WW-XM-Tape C10909_CA12060_Eva-WW-XM-Tape / LDC (Polar)

Luminaire: Ledil Oy C10909_CA12060_Eva-WW-XM-Tape C10909_CA12060_Eva-WW-XM-Tape

Lamps: 1 x Cree XM-L

