

**Product number CA10563_FLARE-C**

Family	Flare	FWHM	8+90 degrees
Type	Assembly	Efficiency	93 %
LED	XR-E	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	24.5 x 24.5 mm		
Height	14.55 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["tape", "screw"]		
Status	Production ready		

**Product number C10402_FLARE-C**

Family	Flare	FWHM	84+7 degrees
Type	Lens	Efficiency	-
LED	XR-E	cd/lm	3.200
Color	Clear	Gerber File	Available
Diameter	24.5 x 24.5 mm		
Height	14.55 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "glue"]		
Status	Production ready		

**Product number C10527_FLARE-C-D**

Family	Flare	FWHM	95+21 degrees
Type	Lens	Efficiency	-
LED	XR-E	cd/lm	1.000
Color	Clear	Gerber File	Available
Diameter	24.5 x 24.5 mm		
Height	14.55 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	["screw", "glue"]		
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

Flare series

last update 25/4/2014

GENERAL INFORMATION

- Product series especially designed & optimized for XR-E 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.

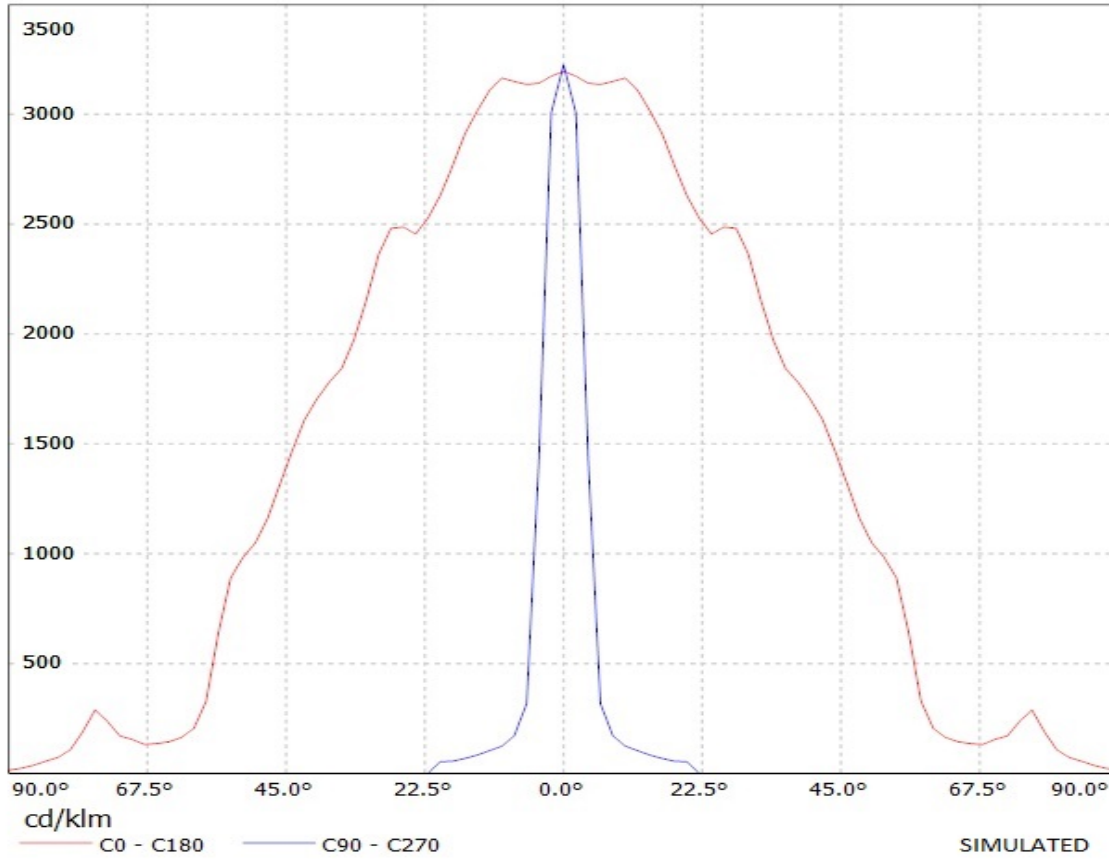
Please find more information about used material from below:

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>

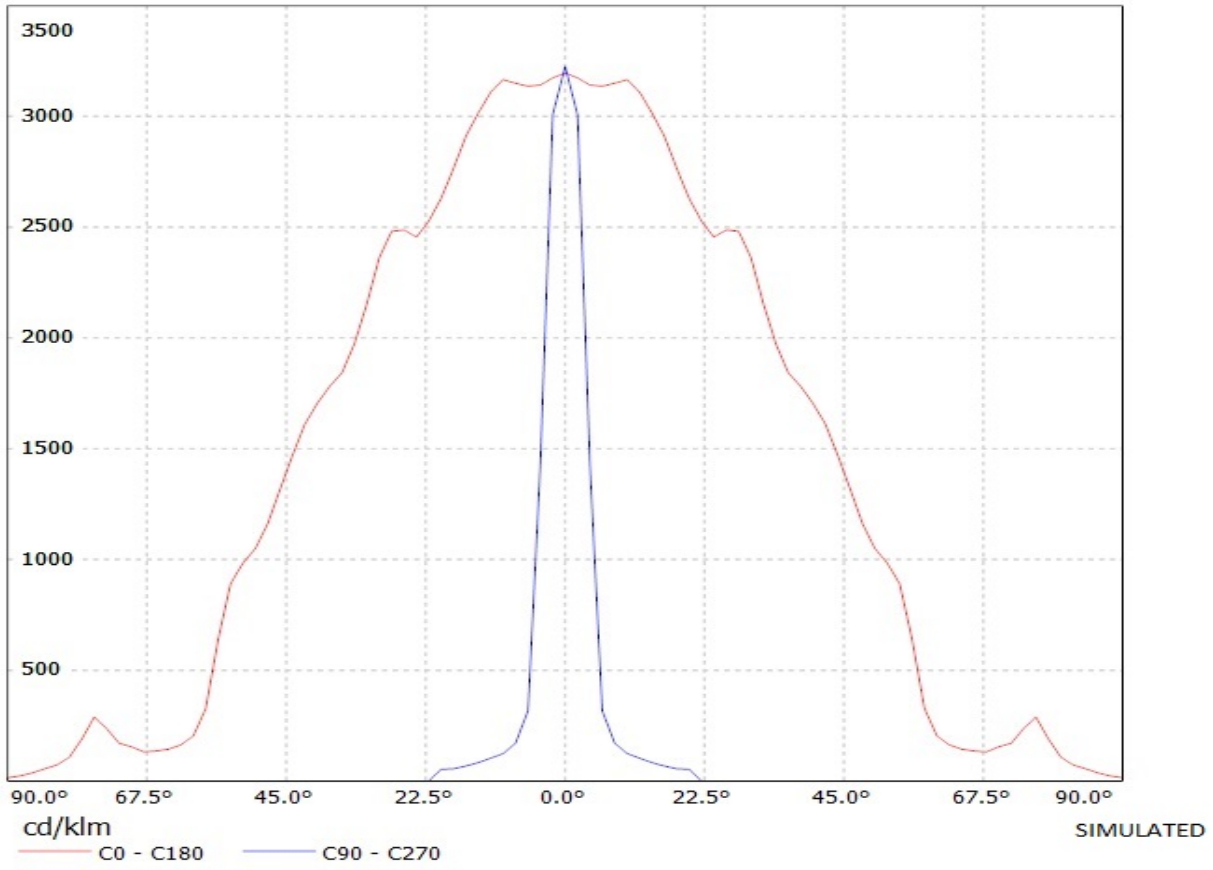
Ledil Oy 10402_Flare-C 10402_Flare-C / LDC (Linear)

Luminaire: Ledil Oy 10402_Flare-C 10402_Flare-C
Lamps: 1 x Cree XR-E (white)



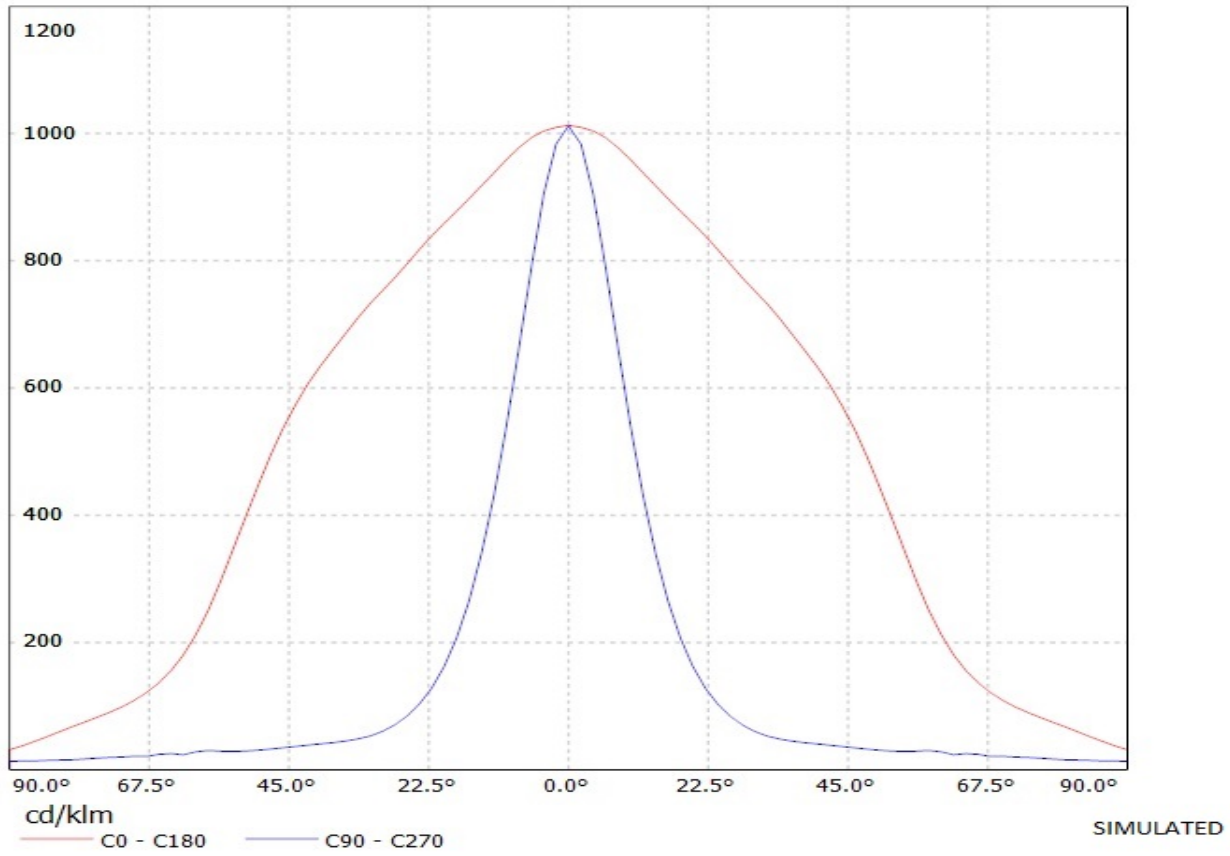
Ledil Oy 10402_Flare-C 10402_Flare-C / LDC (Linear)

Luminaire: Ledil Oy 10402_Flare-C 10402_Flare-C
Lamps: 1 x Cree XR-E (white)



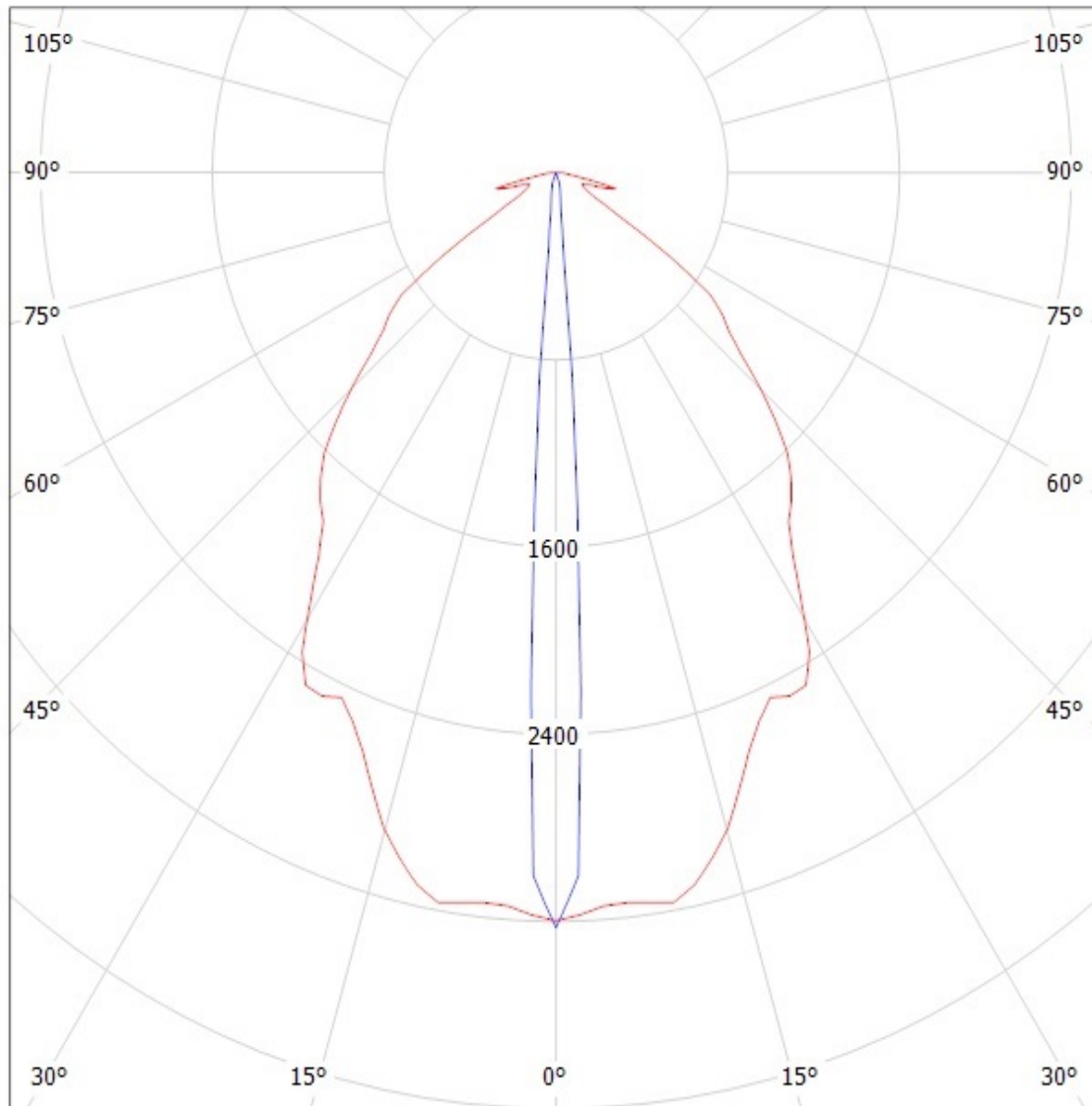
Ledil Oy 10527_Flare-C-diff 10527_Flare-C-diff / LDC (Linear)

Luminaire: Ledil Oy 10527_Flare-C-diff 10527_Flare-C-diff
Lamps: 1 x Cree XR-E (white)



Ledil Oy 10402_Flare-C 10402_Flare-C / LDC (Polar)

Luminaire: Ledil Oy 10402_Flare-C 10402_Flare-C
Lamps: 1 x Cree XR-E (white)



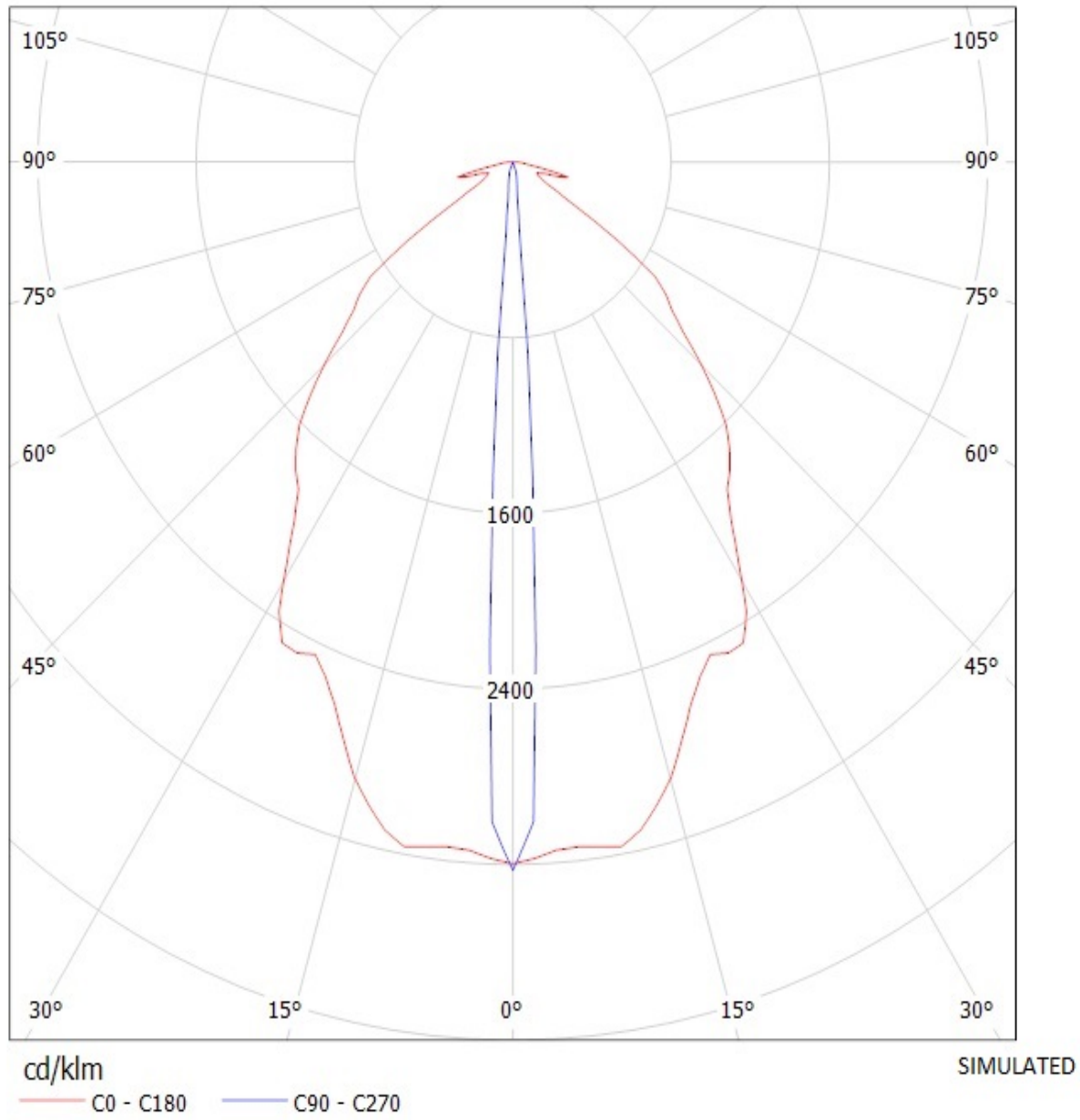
cd/klm

— C0 - C180 — C90 - C270

SIMULATED

Ledil Oy 10402_Flare-C 10402_Flare-C / LDC (Polar)

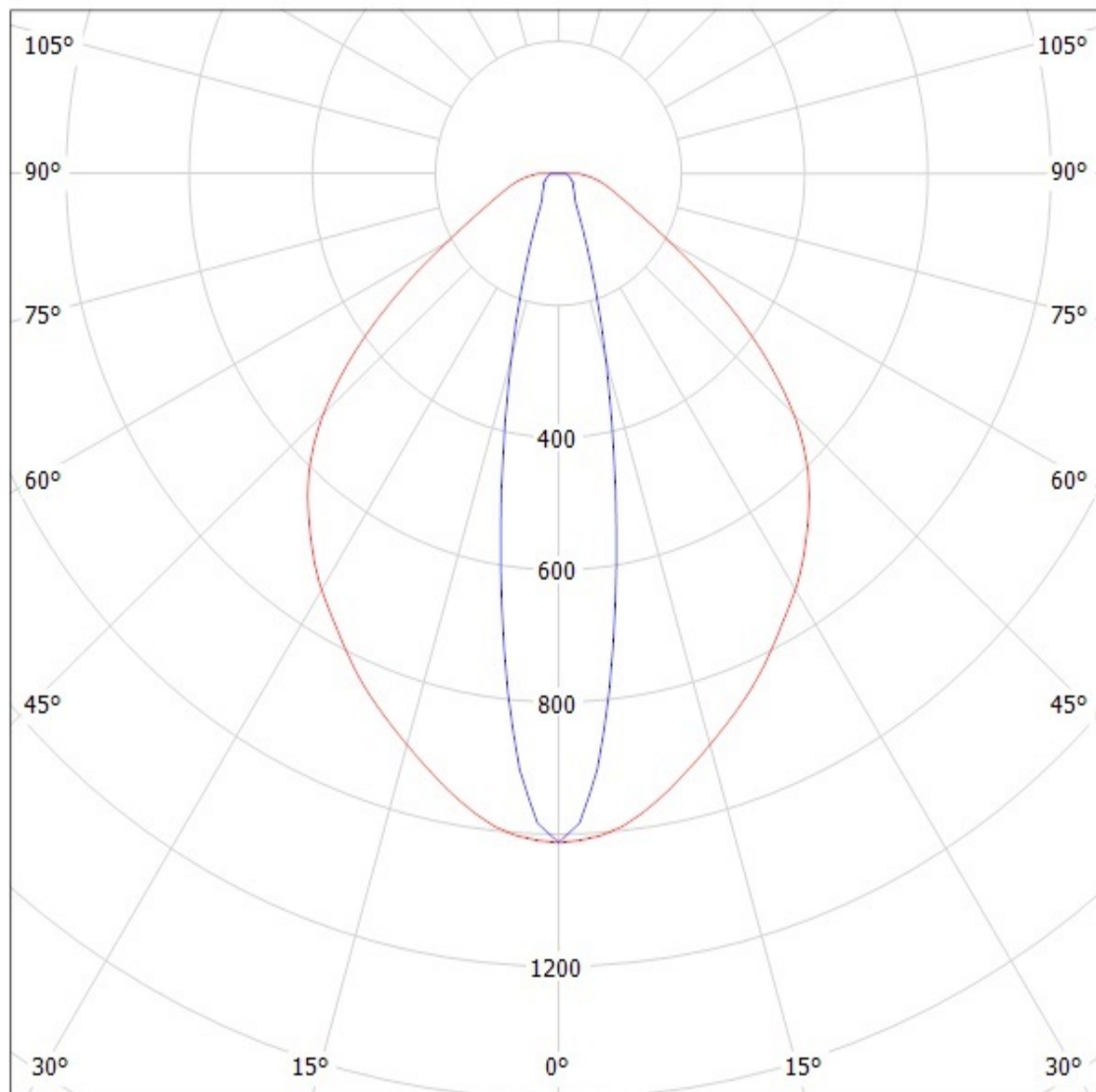
Luminaire: Ledil Oy 10402_Flare-C 10402_Flare-C
Lamps: 1 x Cree XR-E (white)



Ledil Oy 10527_Flare-C-diff 10527_Flare-C-diff / LDC (Polar)

Luminaire: Ledil Oy 10527_Flare-C-diff 10527_Flare-C-diff

Lamps: 1 x Cree XR-E (white)



cd/klm

— C0 - C180 — C90 - C270

SIMULATED