PRODUCT DATASHEET
Cute series
last update 14/7/2016

Product number **C10428_CUTE-3-SS**

Family	Cute	FWHM	11 degrees
Type	Lens array	Efficiency	-
LED	XR-E	cd/lm	15.770
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		

Product number **C10446_CUTE-4-SS**

Family	Cute	FWHM	11 degrees
Type	Lens array	Efficiency	88 %
LED	XR-E	cd/lm	13.200
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		

Product number **C10427_CUTE-3-M**

Family	Cute	FWHM	17 degrees
Type	Lens array	Efficiency	-
LED	XR-E	cd/lm	5.500
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		

Product number **C10447_CUTE-4-M**

Family	Cute	FWHM	18 degrees
Type	Lens array	Efficiency	84 %
LED	XR-E	cd/lm	4.260
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production ready		

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PRODUCT DATASHEET
Cute series
last update 14/7/2016

Product number	**C10429_CUTE-3-W**
Family	Cute
Type	Lens array
LED	XR-E
Color	Clear
Diameter	35 mm
Height	15 mm
Style	Round
Optic Material	PMMA
Holder Material	-
Fastening	["pin", "glue"]
Status	Production ready

FWHM	34 degrees
Efficiency	-
cd/lm	2.030
Gerber File	Available

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.

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Cute series
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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%208N%20UL94_Yellow%20Card.pdf
http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20PLEXIGLAS-Datasheet.pdf

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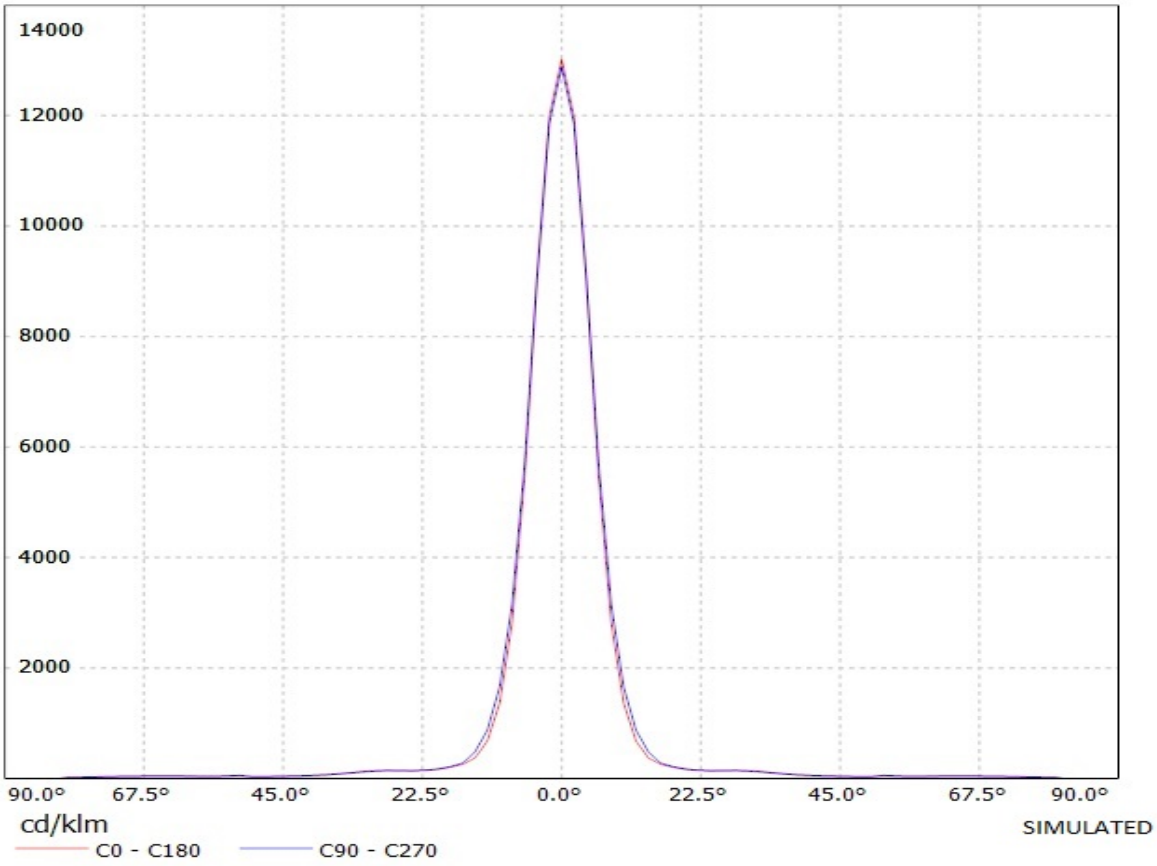
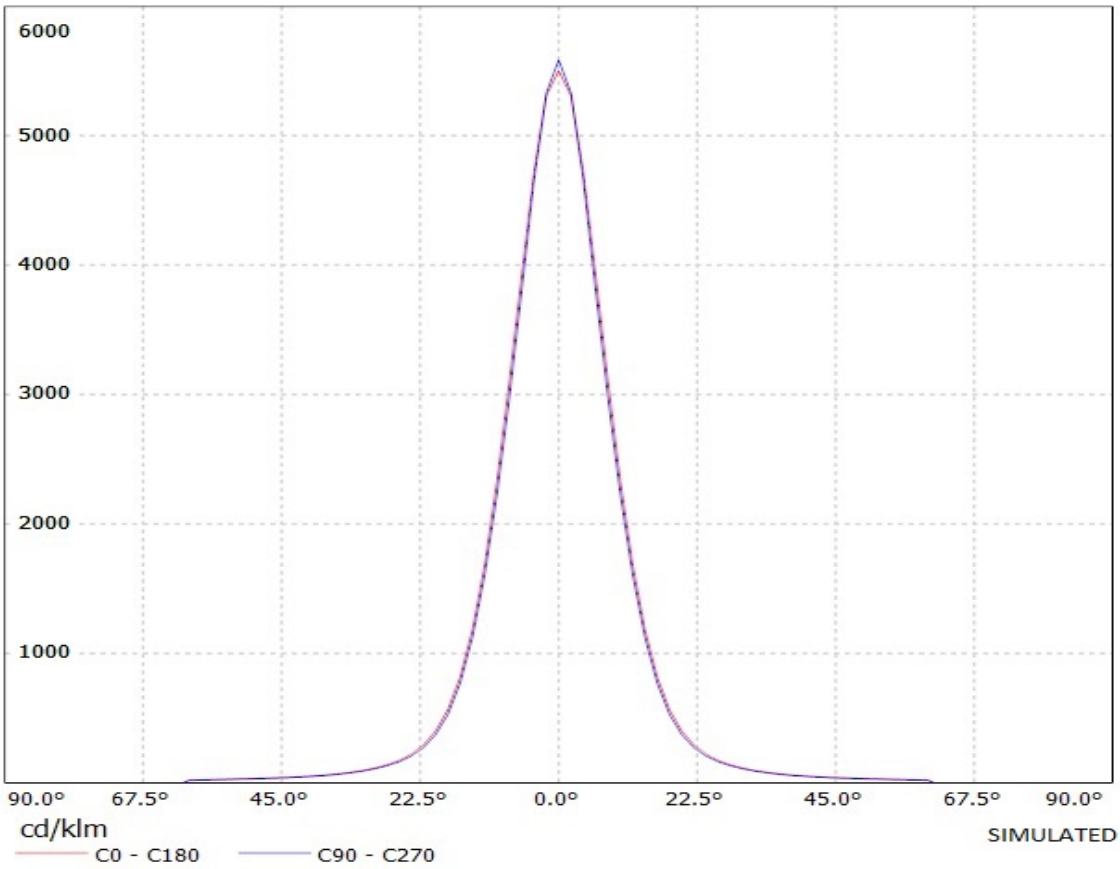
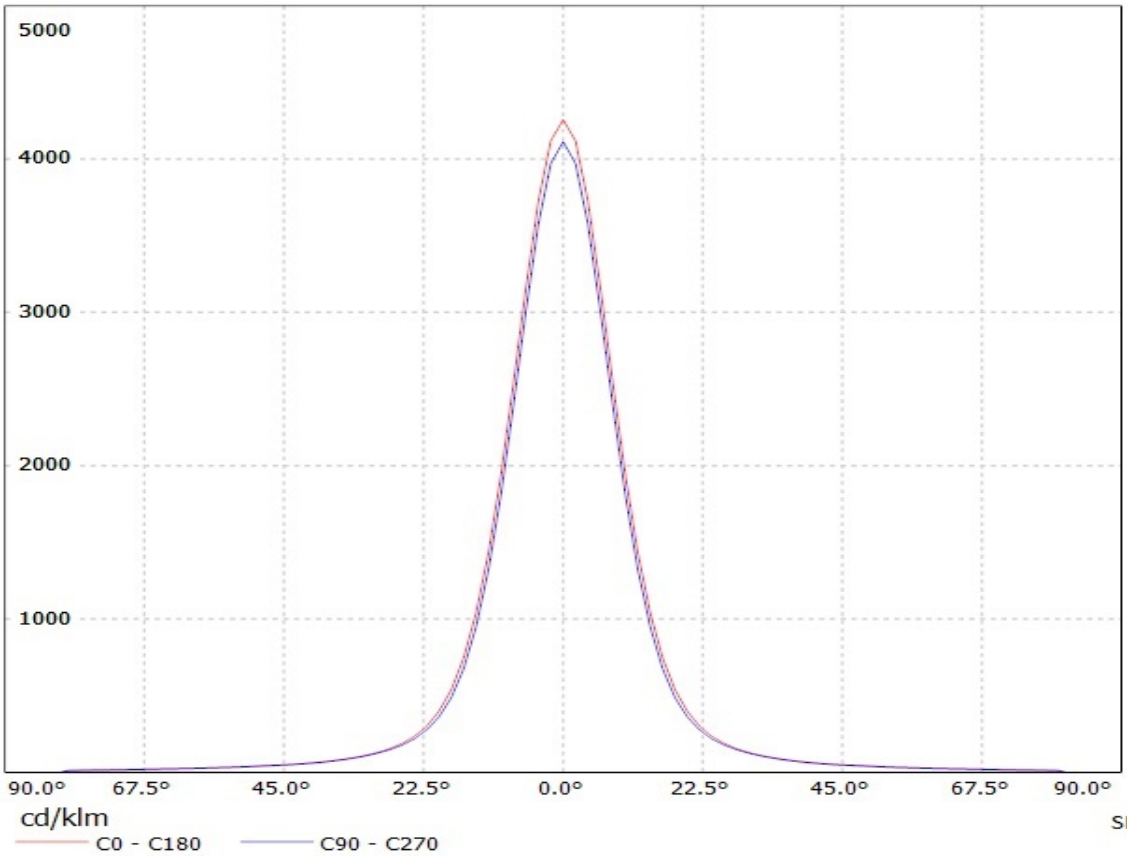
Luminaire: Ledil Oy 10446_Cute-4-SS 10446_Cute-4-SS
Lamps: 1 x Cree XR-E 4PCB (white)



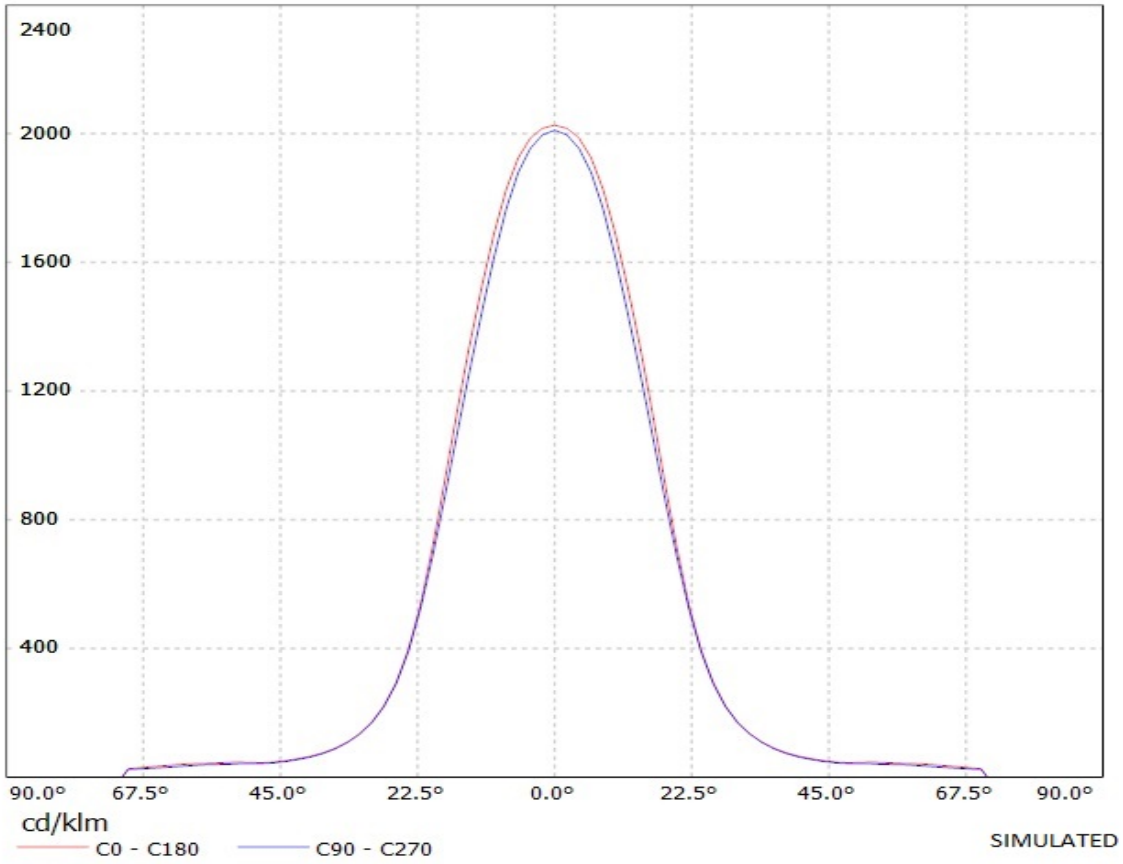
Luminaire: Ledil Oy 10427_Cute-3-M 10427_Cute-3-M
Lamps: 1 x Cree XR-E 3PCB (white)



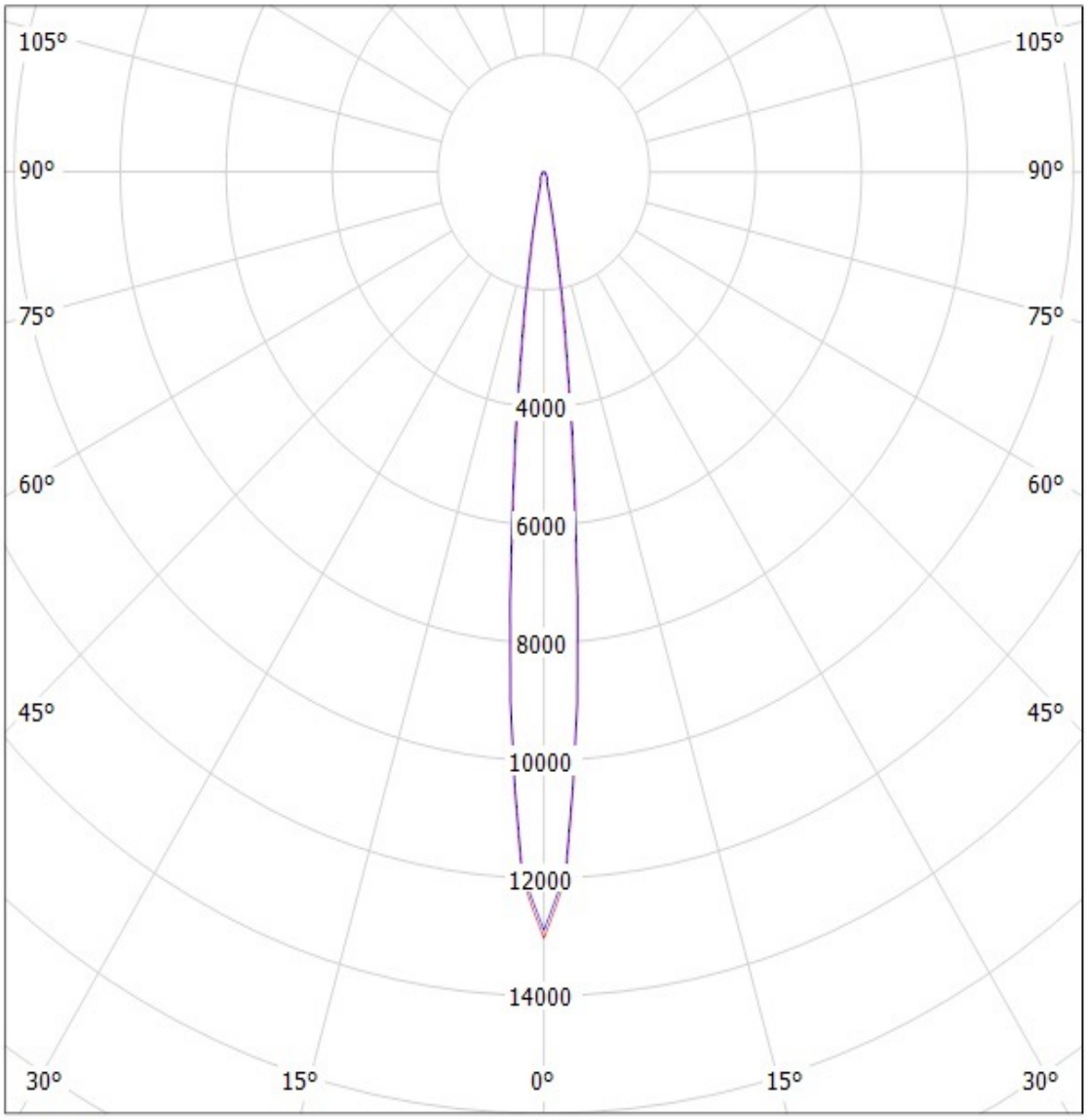
Luminaire: Ledil Oy 10447_Cute-4-M 10447_Cute-4-M
Lamps: 1 x Cree XR-E 4PCB (white)



Luminaire: Ledil Oy C10429_Cute-3-W C10429_Cute-3-W
Lamps: 3 x Cree XR-E (White)



Luminaire: Ledil Oy 10446_Cute-4-SS 10446_Cute-4-SS
Lamps: 1 x Cree XR-E 4PCB (white)

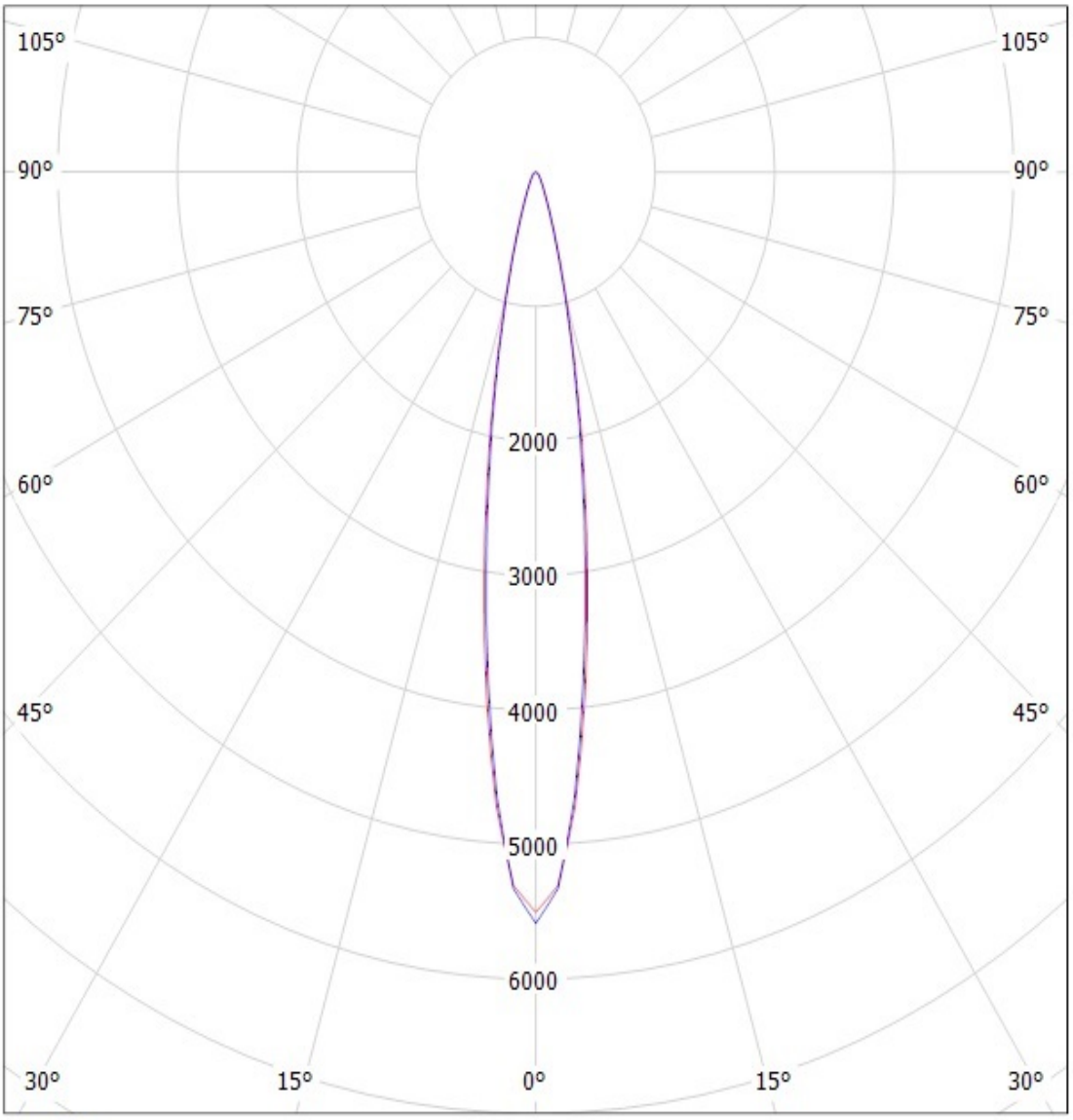


cd/klm

C0 - C180 C90 - C270

SIMULATED

Luminaire: Ledil Oy 10427_Cute-3-M 10427_Cute-3-M
Lamps: 1 x Cree XR-E 3PCB (white)

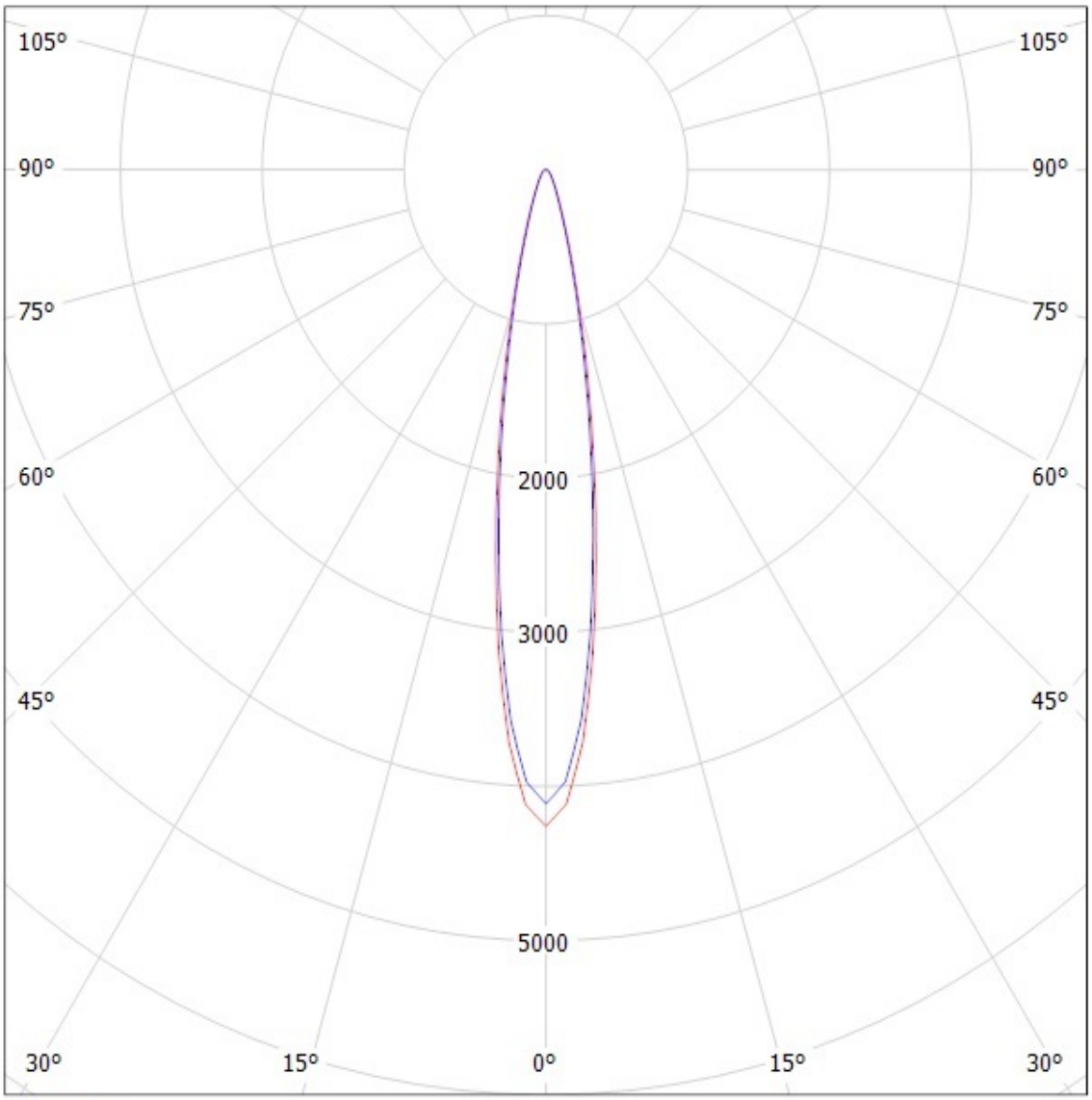


cd/klm

SIMULATED

C0 - C180 C90 - C270

Luminaire: Ledil Oy 10447_Cute-4-M 10447_Cute-4-M
Lamps: 1 x Cree XR-E 4PCB (white)

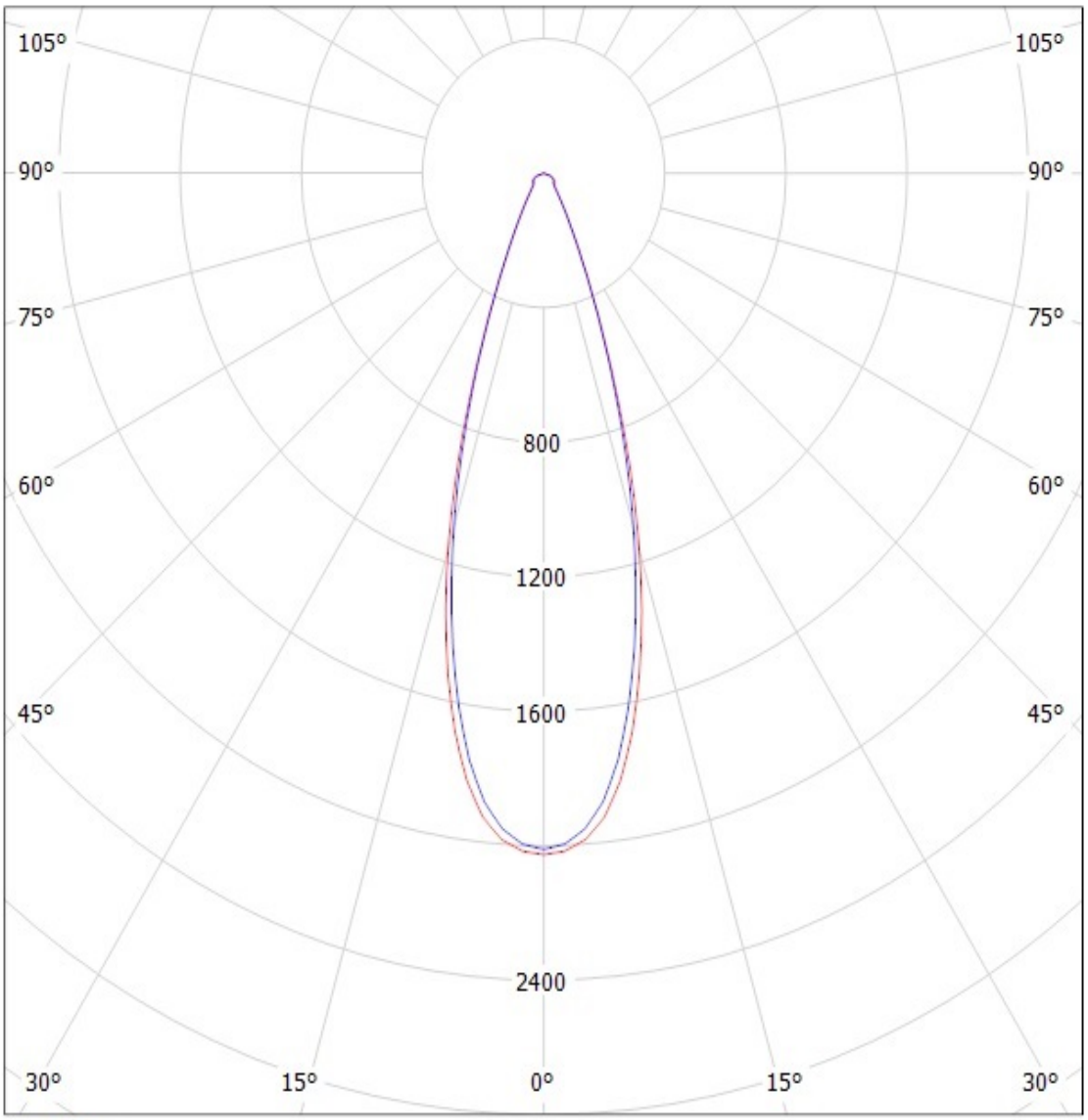


cd/klm

C0 - C180 C90 - C270

SIMULATED

Luminaire: Ledil Oy C10429_Cute-3-W C10429_Cute-3-W
Lamps: 3 x Cree XR-E (White)



cd/klm

C0 - C180 C90 - C270

SIMULATED