

**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		

**PRODUCT DATASHEET**  
**Cute series**

last update 14/7/2016

**Product number** C10429\_CUTE-3-W

Family	Cute	FWHM	34 degrees
Type	Lens array	Efficiency	-
LED	XR-E	cd/lm	2.030
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "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

### Cute series

last update 14/7/2016

#### 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.

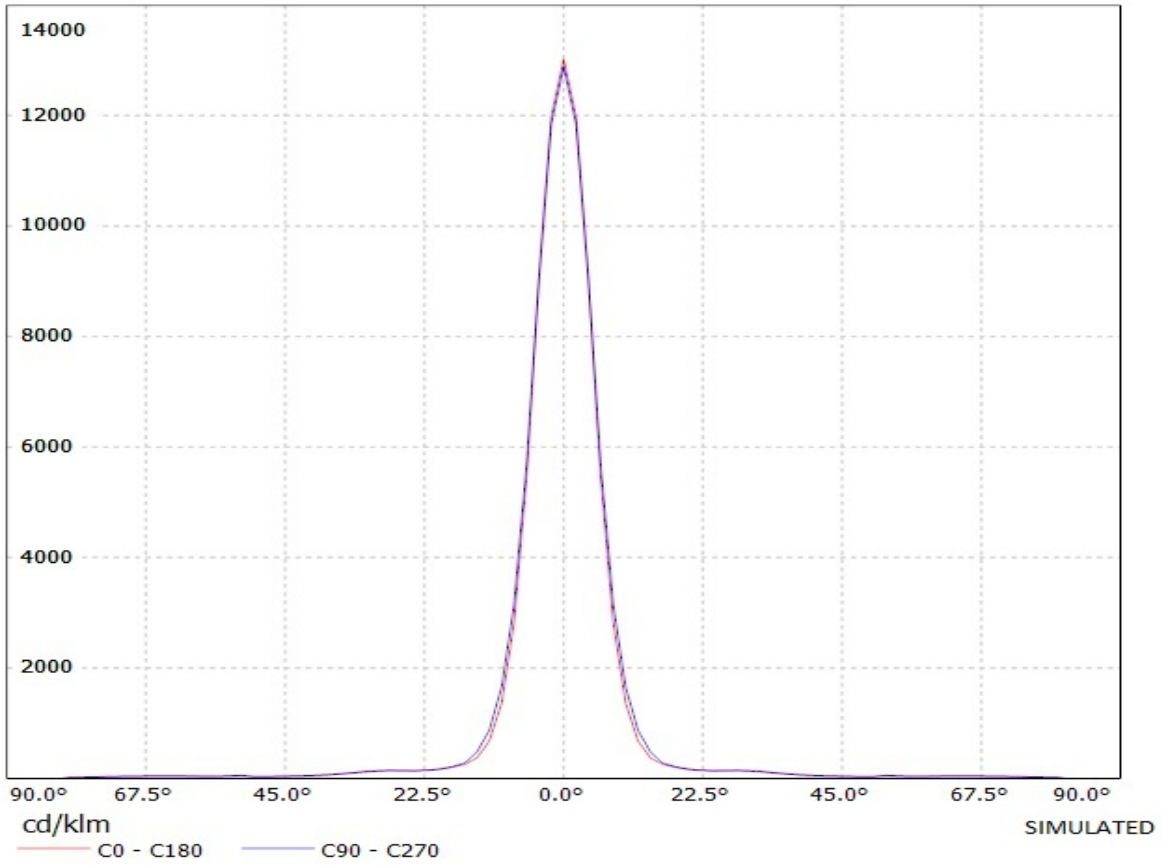
Please find more information about used material from below:

[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%20UL94_Yellow%20Card.pdf)

<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

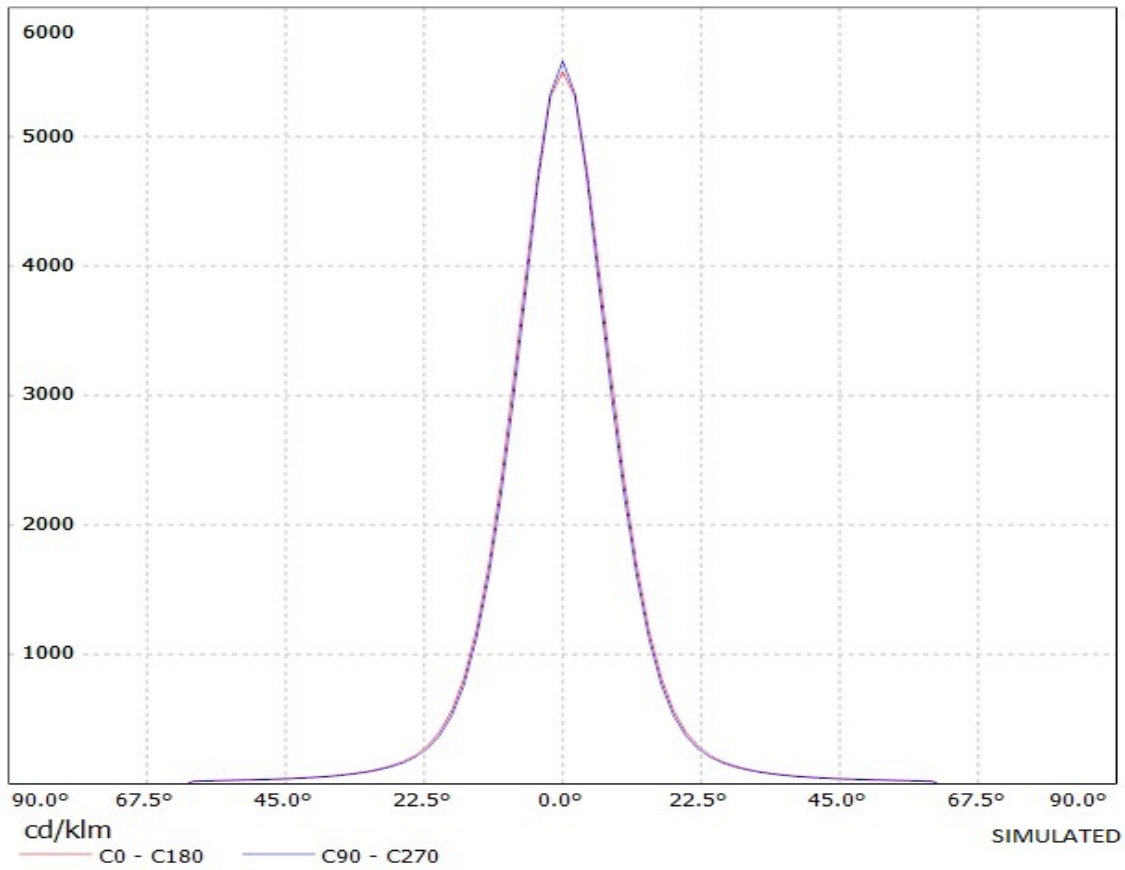
# Ledil Oy 10446\_Cute-4-SS 10446\_Cute-4-SS / LDC (Linear)

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



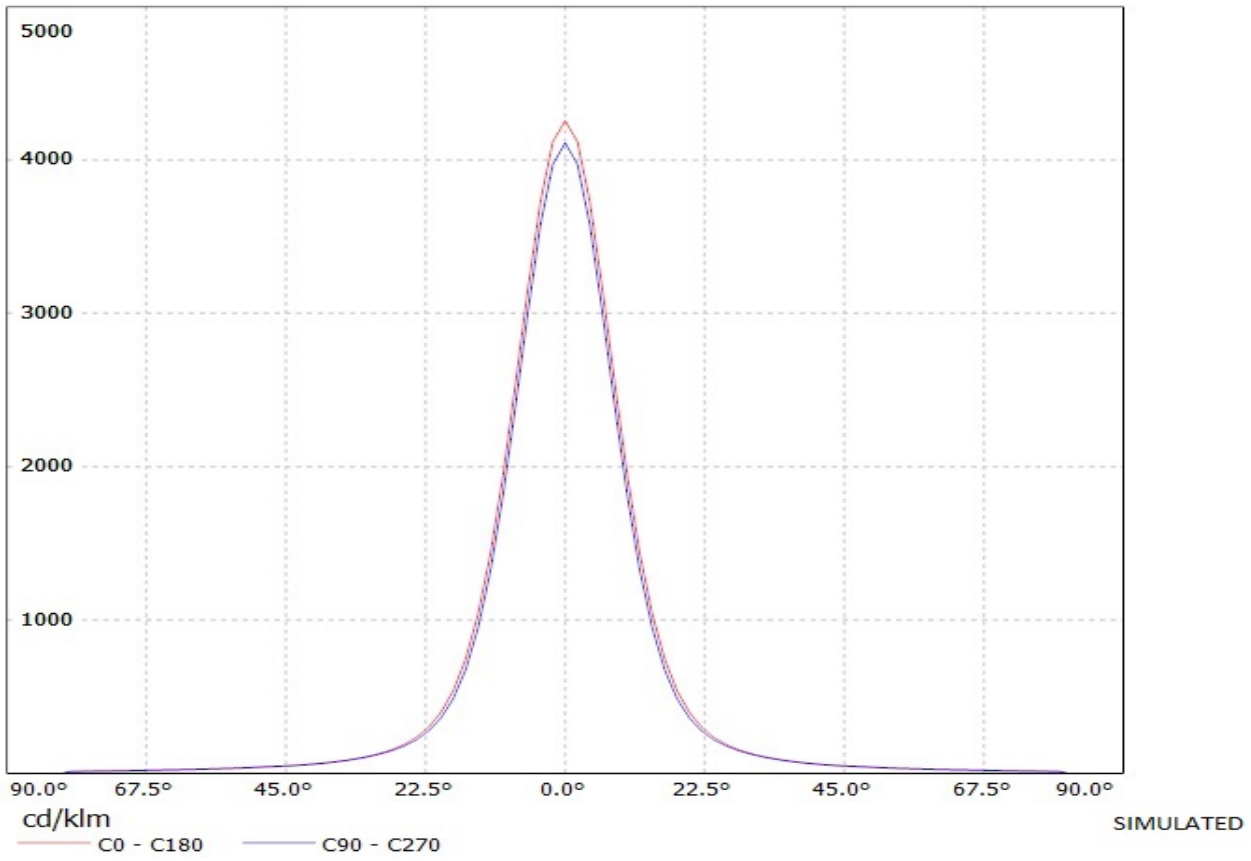
# Ledil Oy 10427\_Cute-3-M 10427\_Cute-3-M / LDC (Linear)

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



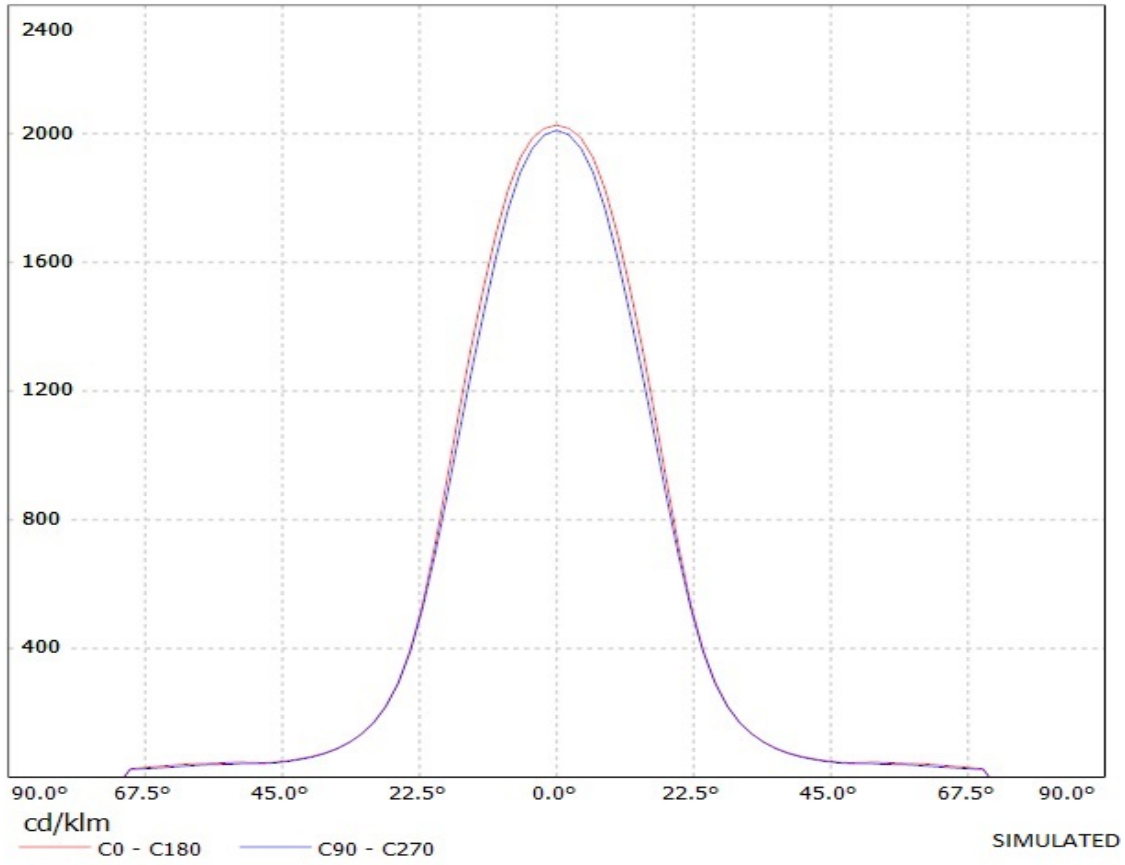
Ledil Oy 10447\_Cute-4-M 10447\_Cute-4-M / LDC (Linear)

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



# Ledil Oy C10429\_Cute-3-W C10429\_Cute-3-W / LDC (Linear)

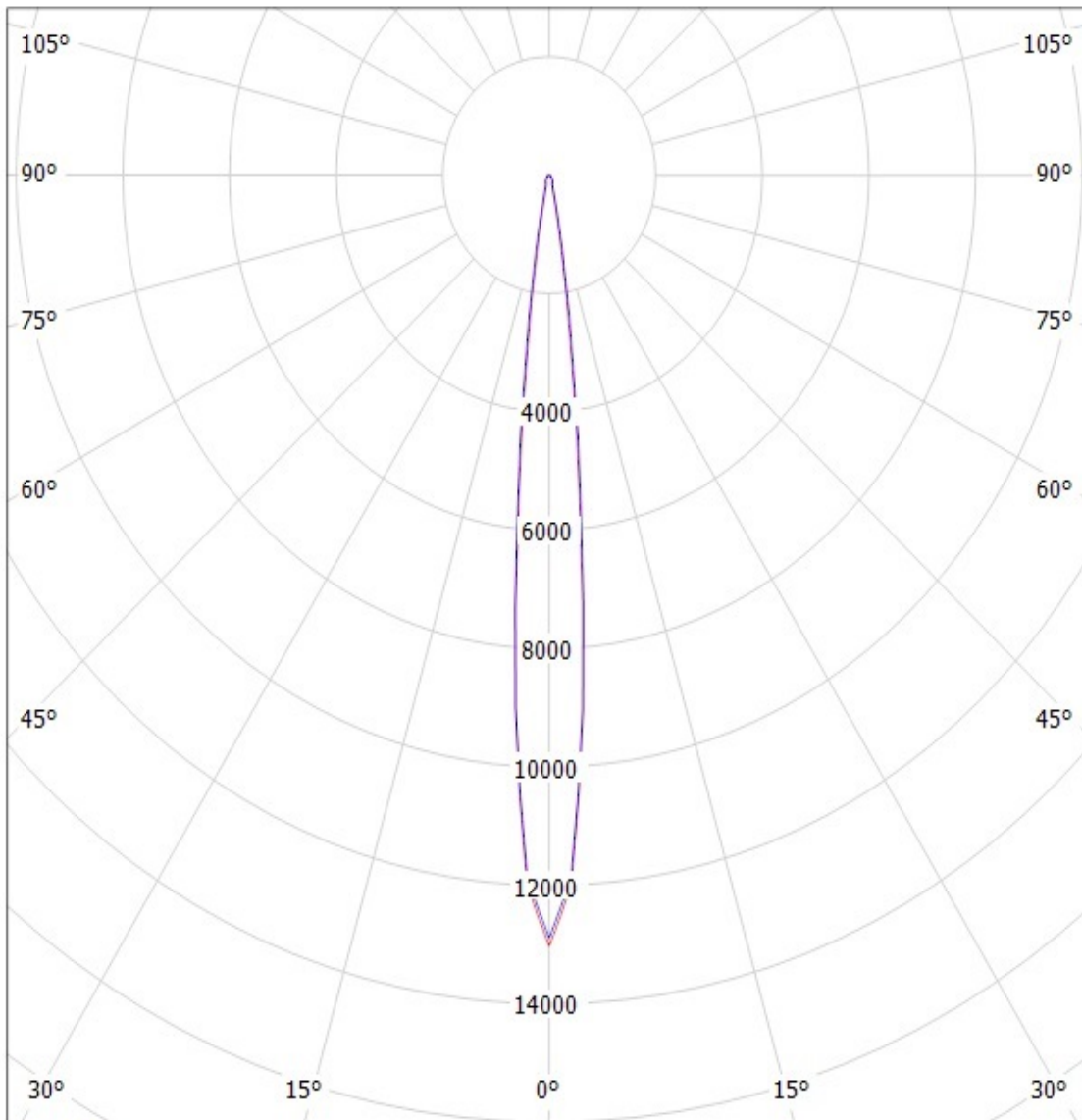
Luminaire: Ledil Oy C10429\_Cute-3-W C10429\_Cute-3-W  
Lamps: 3 x Cree XR-E (White)



# Ledil Oy 10446\_Cute-4-SS 10446\_Cute-4-SS / LDC (Polar)

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

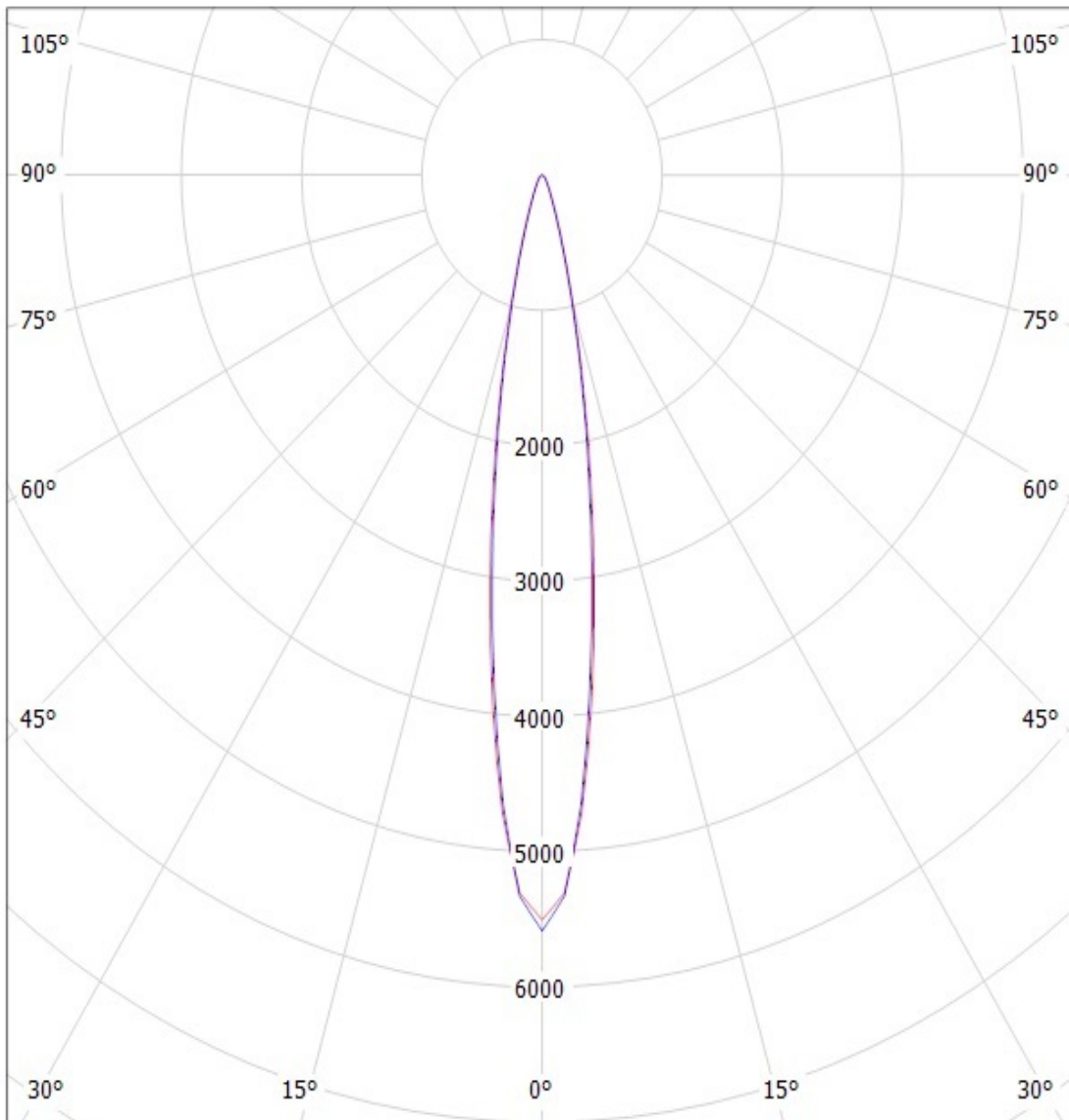
SIMULATED



# Ledil Oy 10427\_Cute-3-M 10427\_Cute-3-M / LDC (Polar)

Luminaire: Ledil Oy 10427\_Cute-3-M 10427\_Cute-3-M

Lamps: 1 x Cree XR-E 3PCB (white)



cd/klm

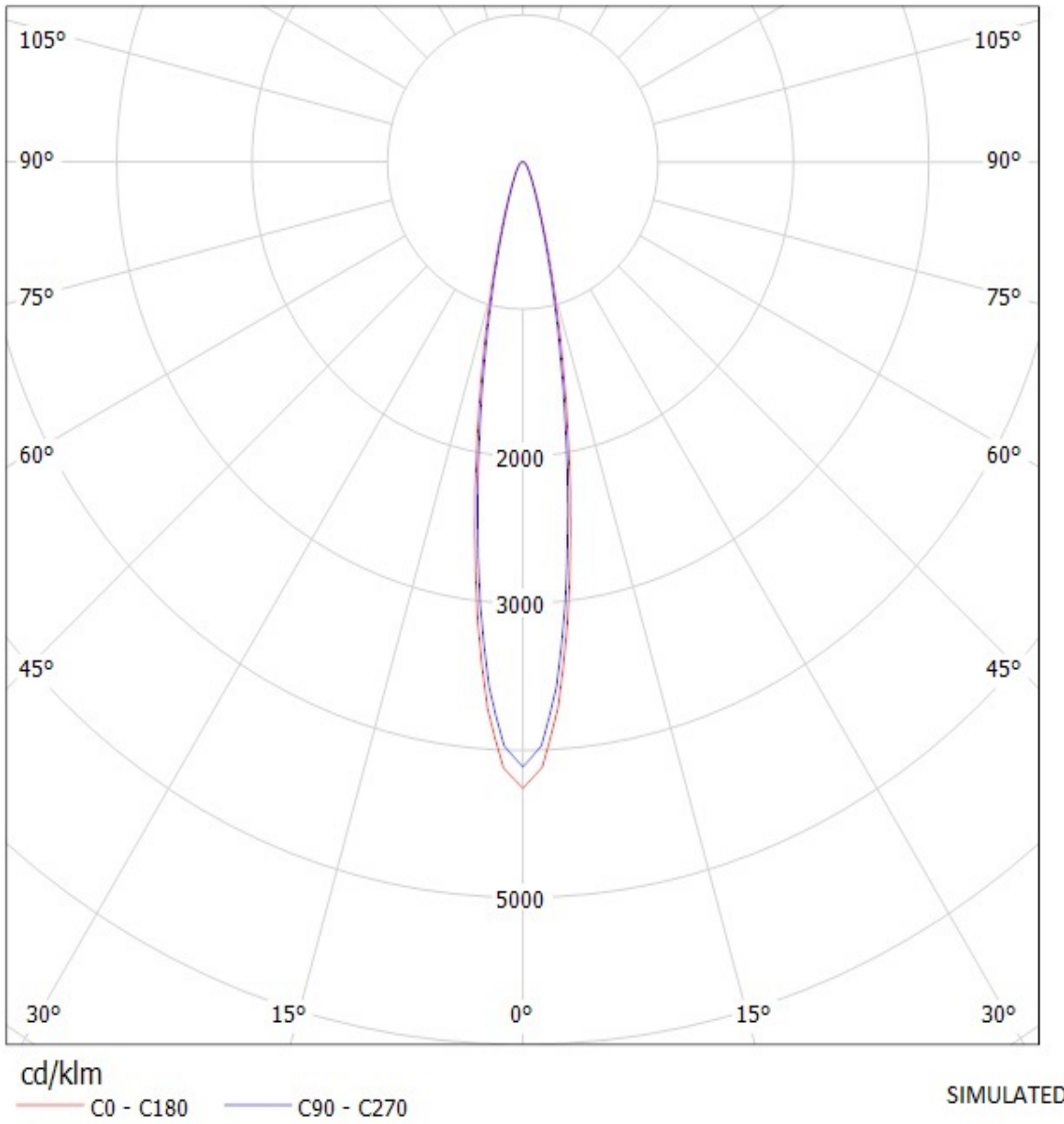
— C0 - C180

— C90 - C270

SIMULATED

# Ledil Oy 10447\_Cute-4-M 10447\_Cute-4-M / LDC (Polar)

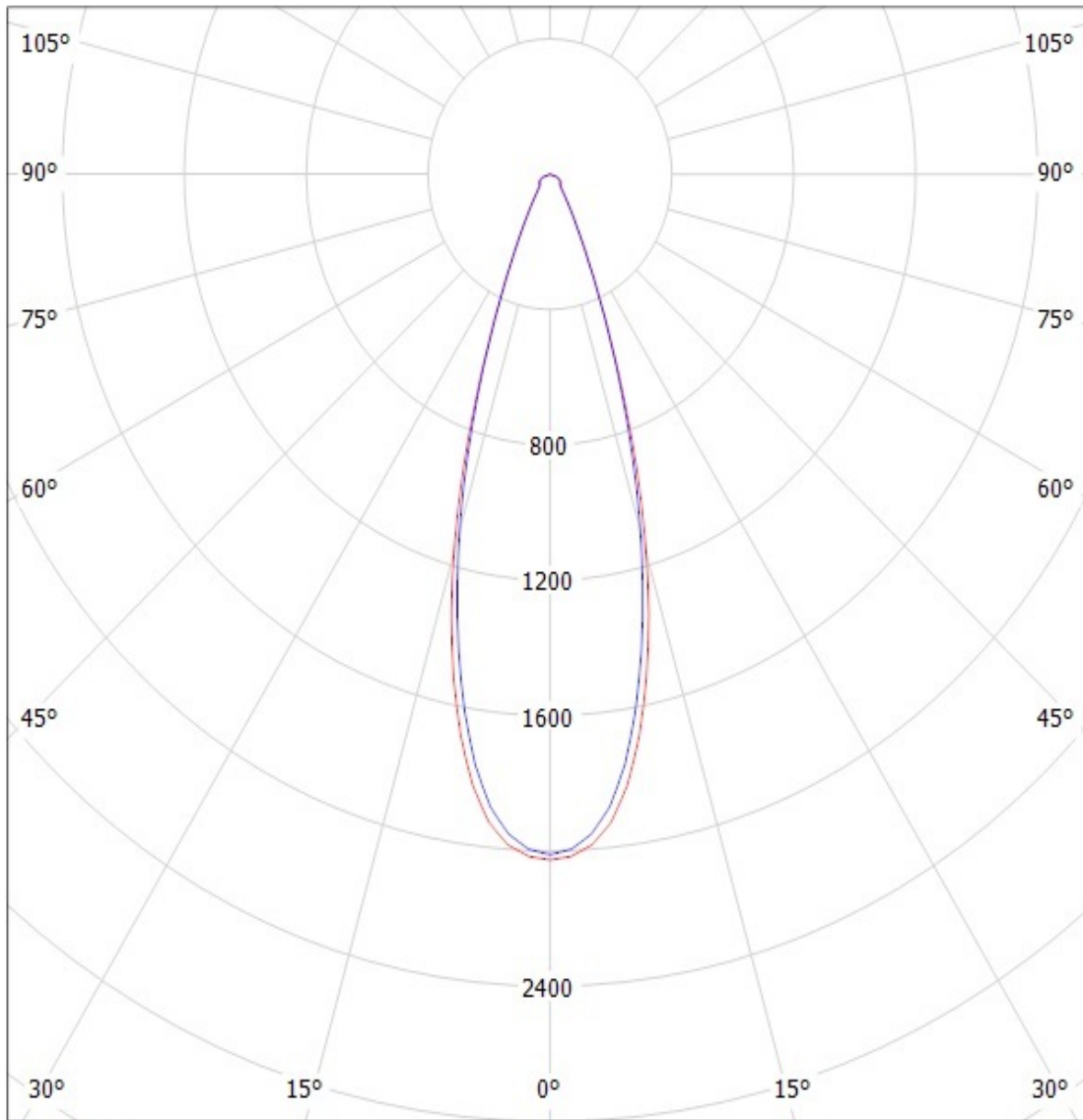
Luminaire: Ledil Oy 10447\_Cute-4-M 10447\_Cute-4-M  
Lamps: 1 x Cree XR-E 4PCB (white)



# Ledil Oy C10429\_Cute-3-W C10429\_Cute-3-W / LDC (Polar)

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