PRODUCT DATASHEET
Cute series
last update 26/6/2013

Product number	**C10446_CUTE-4-SS**
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	11 degrees
Efficiency	88 %
cd/lm	13.200
Gerber File	Available

Product number	**C10447_CUTE-4-M**
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	18 degrees
Efficiency	84 %
cd/lm	4.260
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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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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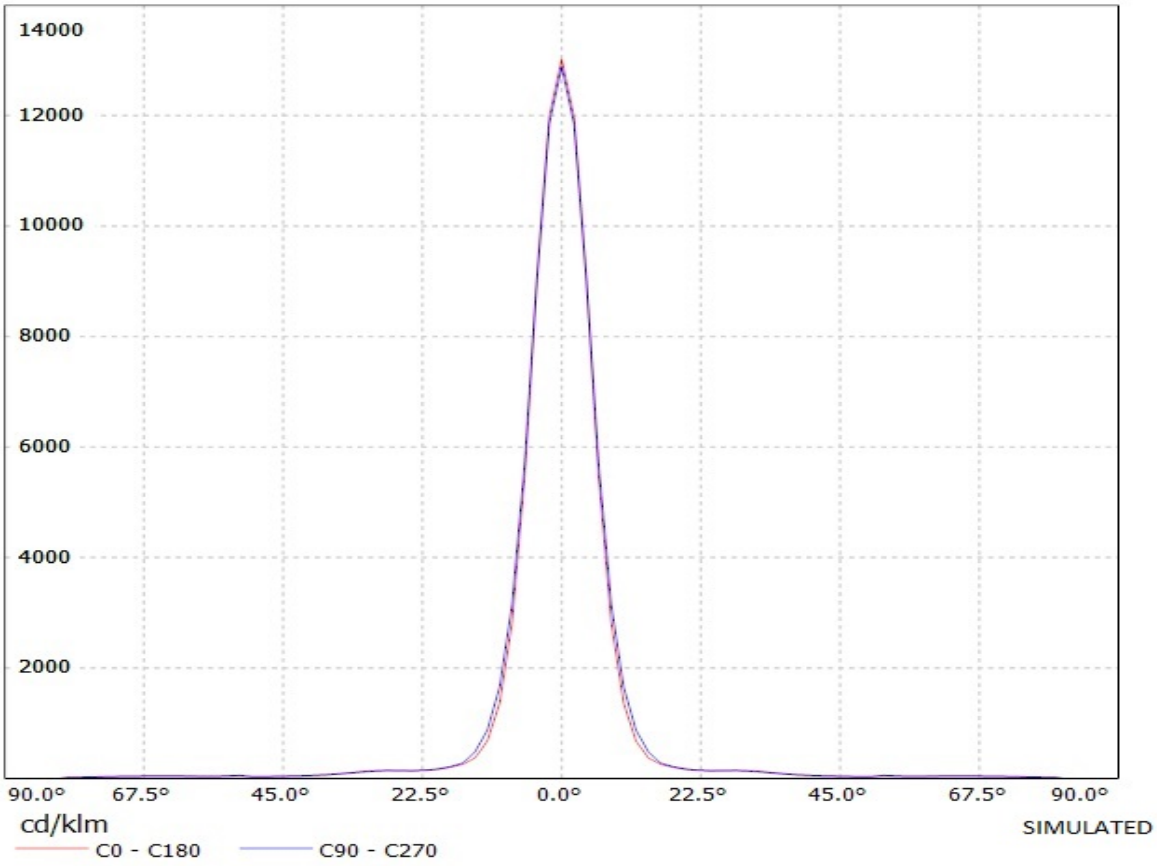
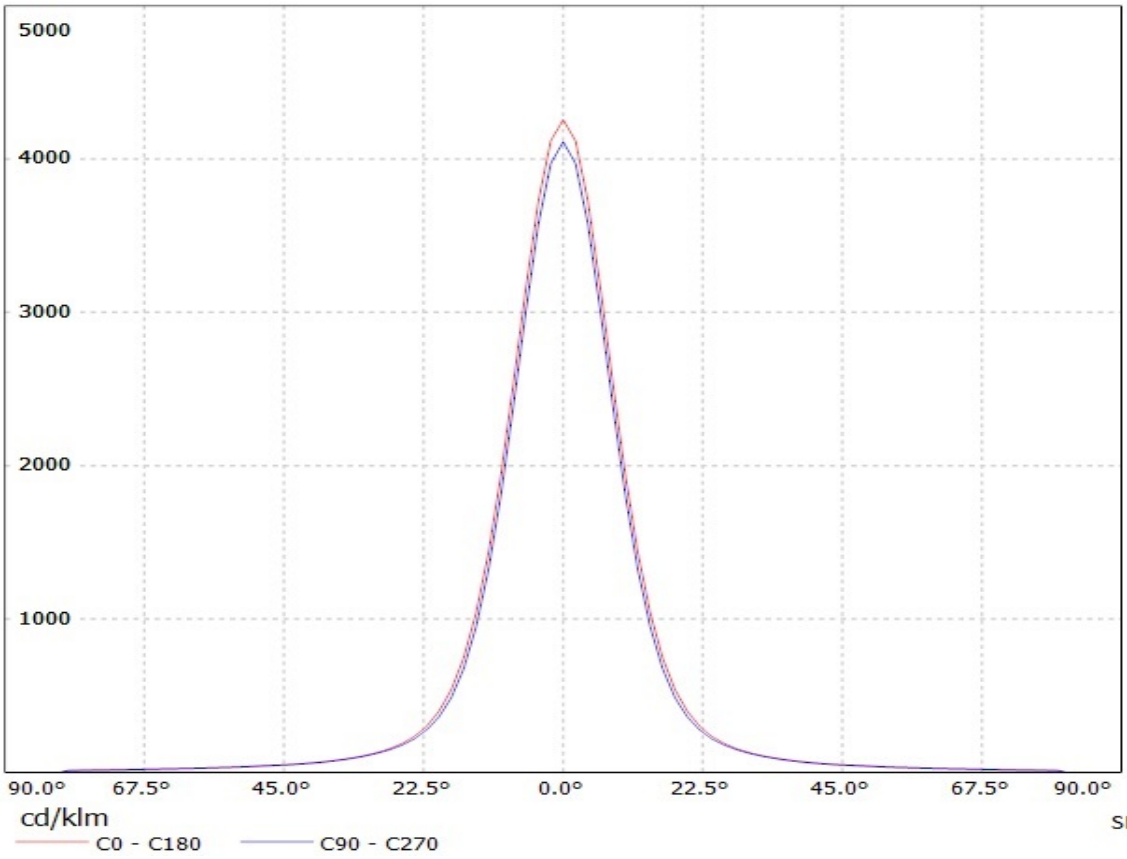
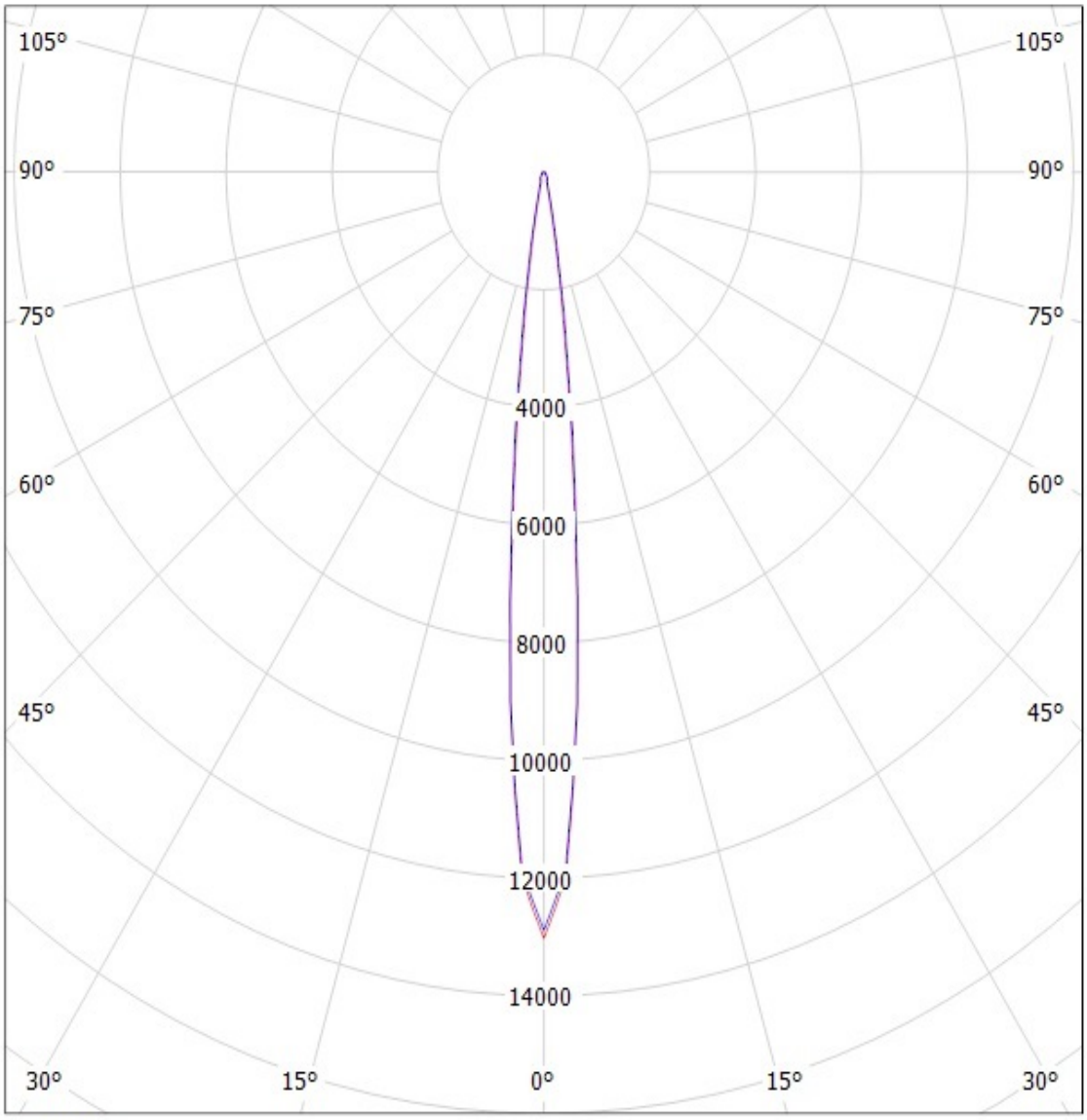
Luminaire: Ledil Oy 10446_Cute-4-SS 10446_Cute-4-SS
Lamps: 1 x Cree XR-E 4PCB (white)



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



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

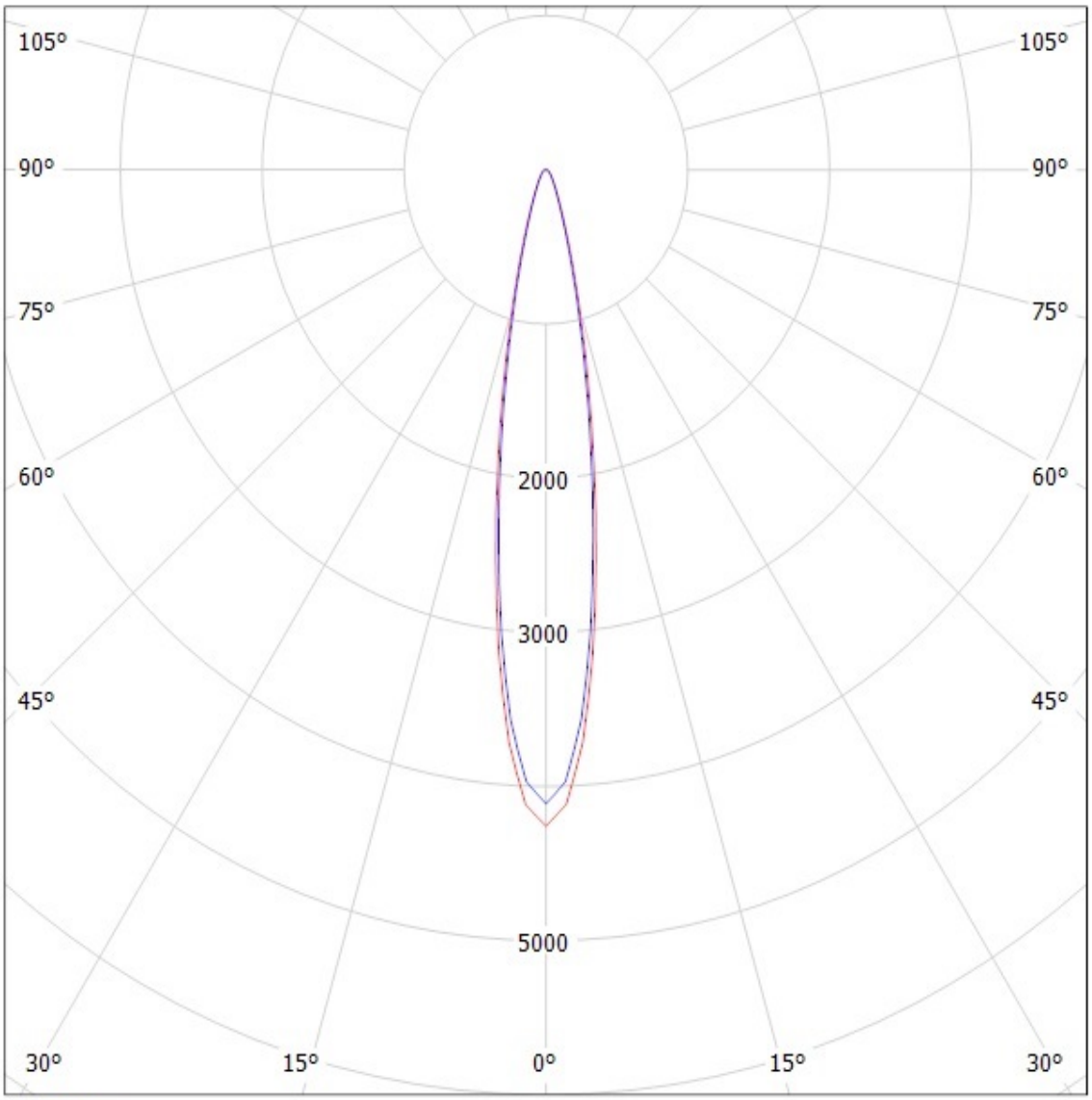


cd/klm

C0 - C180 C90 - C270

SIMULATED

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



cd/klm

C0 - C180 C90 - C270

SIMULATED