

**Product number C11333\_CUTE-3-SS**

Family	Cute	FWHM	10 degrees
Type	Lens array	Efficiency	92 %
LED	XP-E	cd/Im	-
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 C10754\_CUTE-3-SS**

Family	Cute	FWHM	11 degrees
Type	Lens array	Efficiency	93 %
LED	XP-E	cd/Im	15.390
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin"]		
Status	Production ready		

Pin height 3mm

**Product number C10812\_CUTE-4-M**

Family	Cute	FWHM	20 degrees
Type	Lens array	Efficiency	84 %
LED	XP-E	cd/Im	-
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin"]		
Status	Production ready		

**Product number C10755\_CUTE-3-M**

Family	Cute	FWHM	22 degrees
Type	Lens array	Efficiency	92 %
LED	XP-E	cd/Im	4.710
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin"]		
Status	Production ready		

Location Pin total height 3mm.

**Product number C11334\_CUTE-3-M**

Family	Cute	FWHM	22 degrees
Type	Lens array	Efficiency	91 %
LED	XP-E	cd/lm	-
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 C10756\_CUTE-3-W**

Family	Cute	FWHM	40 degrees
Type	Lens array	Efficiency	90 %
LED	XP-E	cd/lm	1.530
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["glue", "pin"]		
Status	Production ready		

Location pin height 1.5mm

**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 7/3/2014

#### GENERAL INFORMATION

- Product series especially designed & optimized for XP-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>

D

C

B

A

4

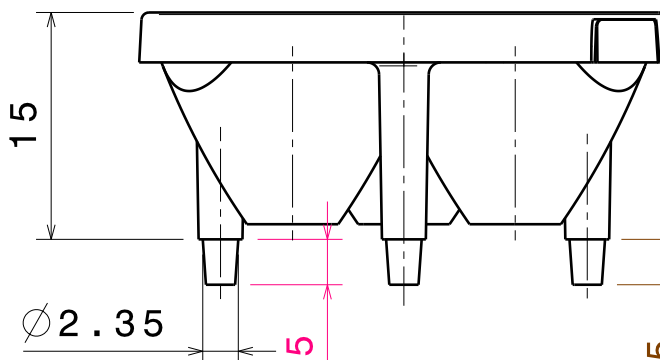
3

2

1

 $\varnothing 28$  3x120deg $\varnothing 17$  3x120deg $\varnothing 35$  $\varnothing 4.4$ 

Bottom view



Side view

1.5  
Wide lens

Material: PMMA

Part no.s;

Spot:

C10754\_Cute-3-SS

C11333\_Cute-3-SS, pin head length =1.5mm

Medium:

C10755\_Cute-3-M

C11334\_Cute-3-M, pin head length =1.5mm

Wide:

C10756\_Cute-3-W

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Ledil Oy  
Tehdaskatu 13  
FIN-24100 SALO  
Finland

DRAWING TITLE

Datasheet Cute-3 Lens Series

DRAWN BY

pv

DATE

08.02.2010

CHECKED BY

TK

DATE

09.09.2008

DESIGNED BY

HH

DATE

09.09.2008

SIZE

A4

DRAWING NUMBER

REV

1

SCALE

2:1

WEIGHT (g)

SHEET

1/1

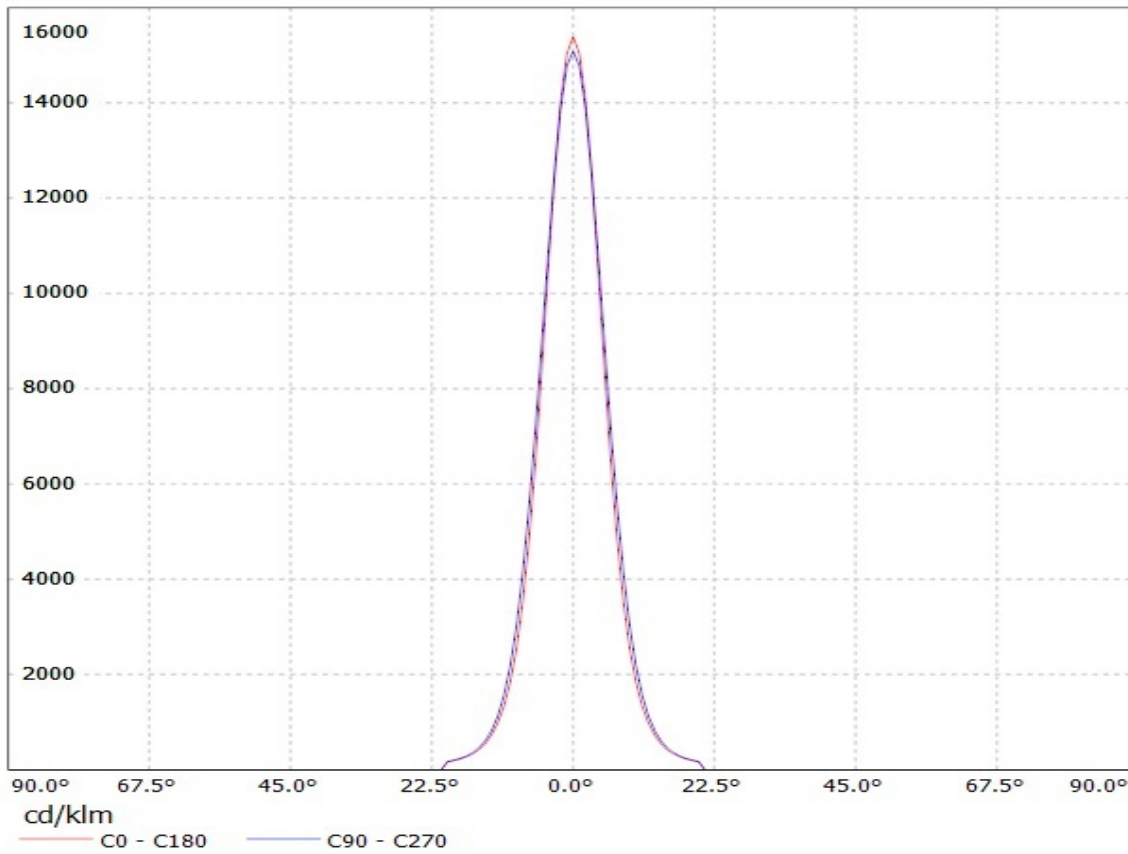
D

A

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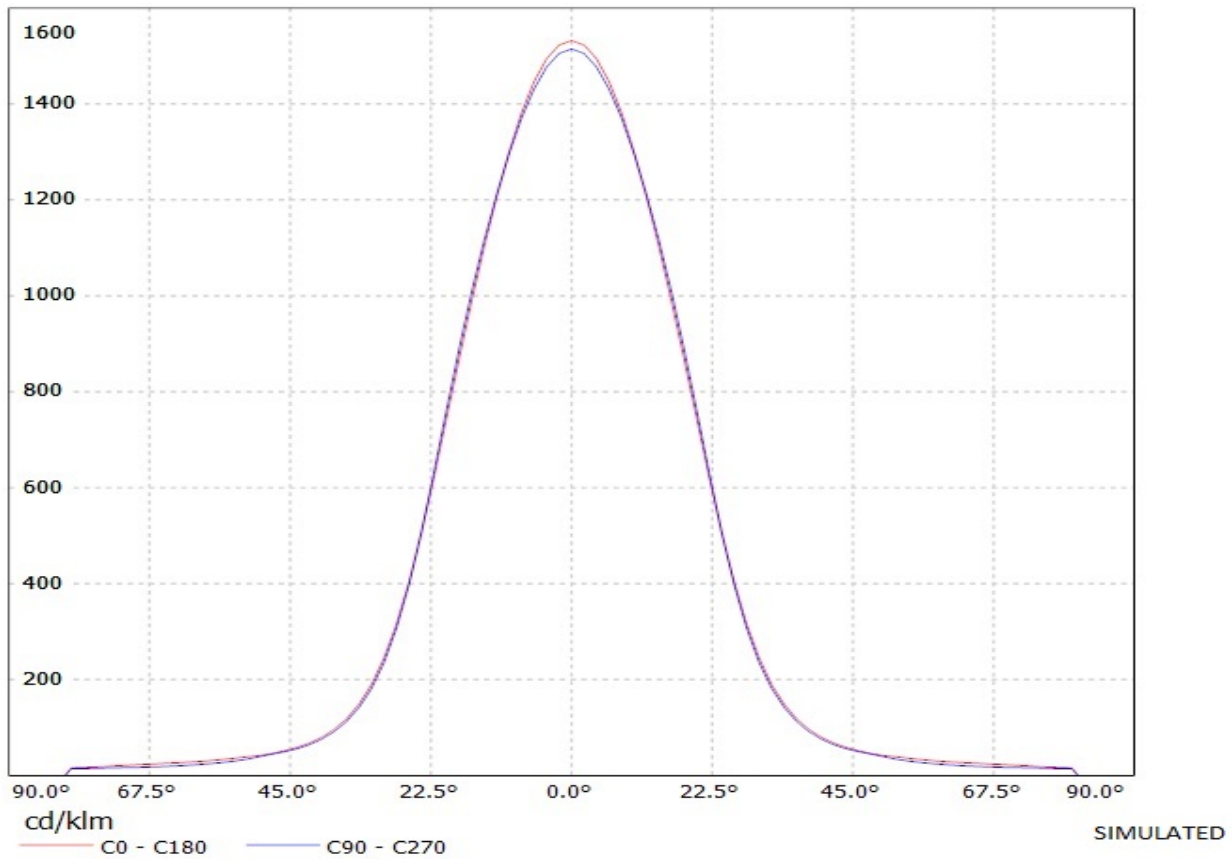
## Ledil Oy C10754\_Cute-3-SS-XP C10754\_Cute-3-SS-XP / LDC (Linear)

Luminaire: Ledil Oy C10754\_Cute-3-SS-XP C10754\_Cute-3-SS-XP  
Lamps: 3 x Cree XP-E (White)



## Ledil Oy C10756\_Cute-3-W-XP C10756\_Cute-3-W-XP / LDC (Linear)

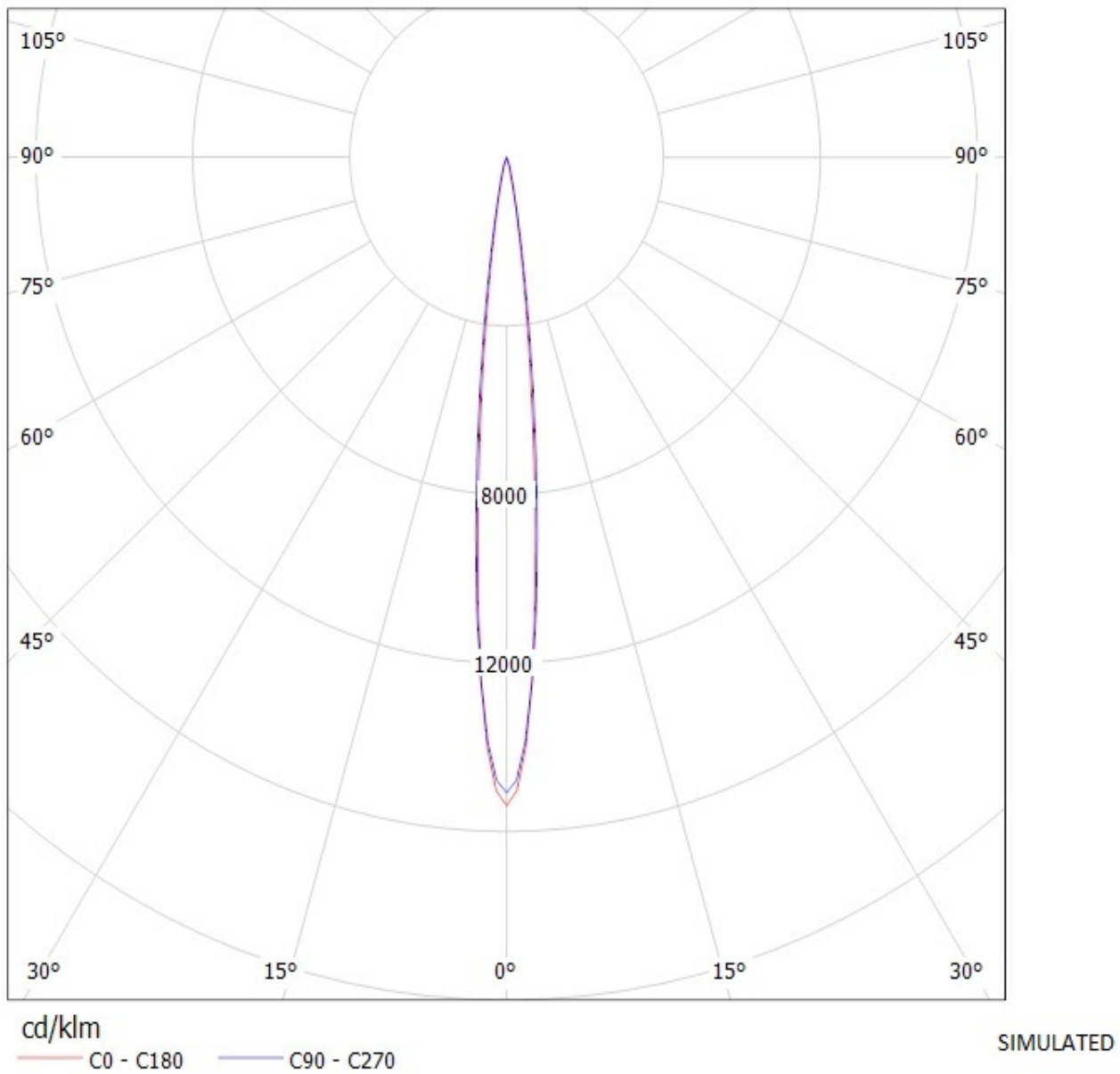
Luminaire: Ledil Oy C10756\_Cute-3-W-XP C10756\_Cute-3-W-XP  
Lamps: 3 x Cree XP-E (White)



## Ledil Oy C10754\_Cute-3-SS-XP C10754\_Cute-3-SS-XP / LDC (Polar)

Luminaire: Ledil Oy C10754\_Cute-3-SS-XP C10754\_Cute-3-SS-XP

Lamps: 3 x Cree XP-E (White)

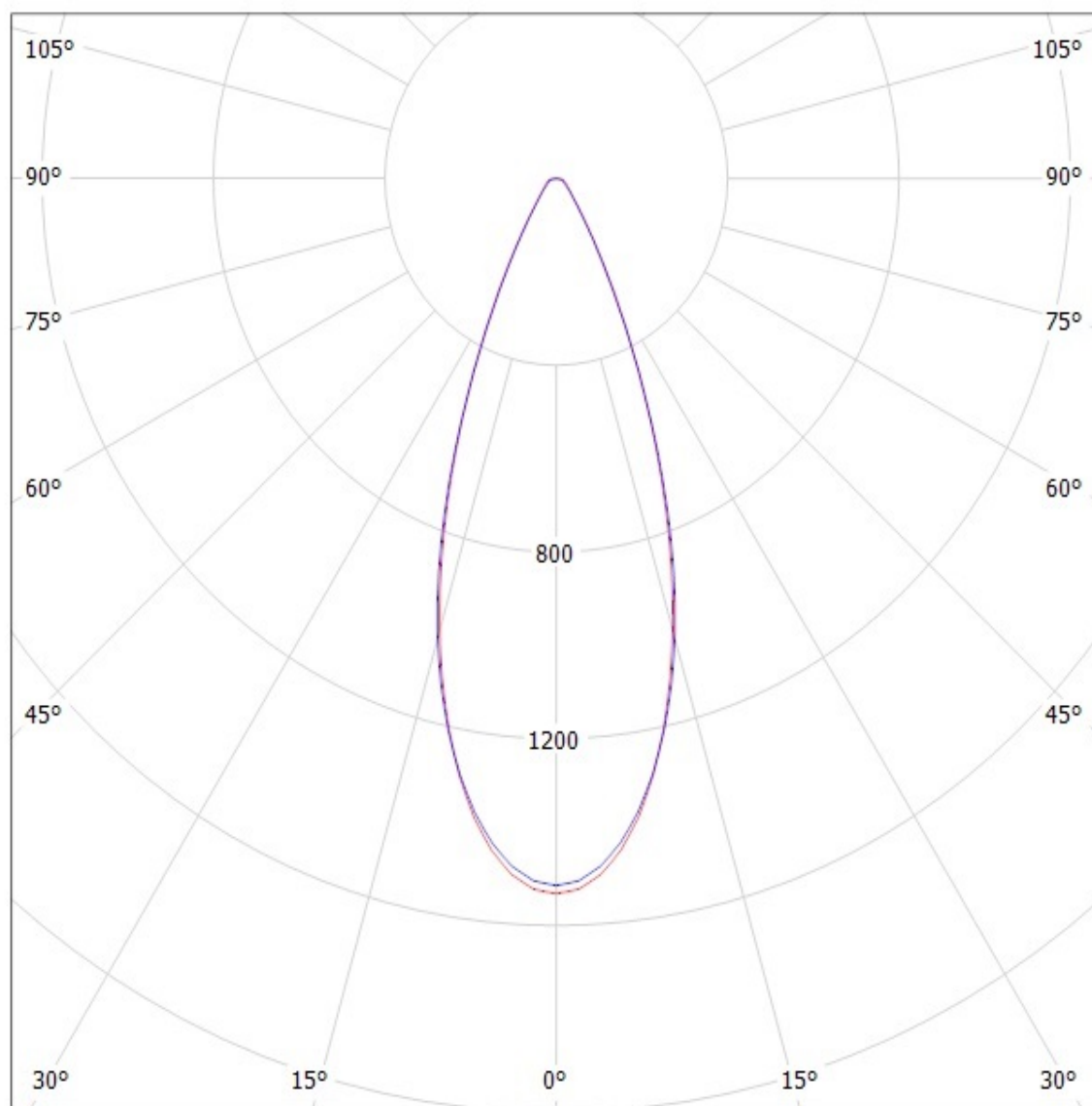




## Ledil Oy C10756\_Cute-3-W-XP C10756\_Cute-3-W-XP / LDC (Polar)

Luminaire: Ledil Oy C10756\_Cute-3-W-XP C10756\_Cute-3-W-XP

Lamps: 3 x Cree XP-E (White)



cd/klm

— C0 - C180 — C90 - C270

SIMULATED