PRODUCT DATASHEET
Cute series
last update 26/6/2013

LEDiL

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	["glue", "pin"]		
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		

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.
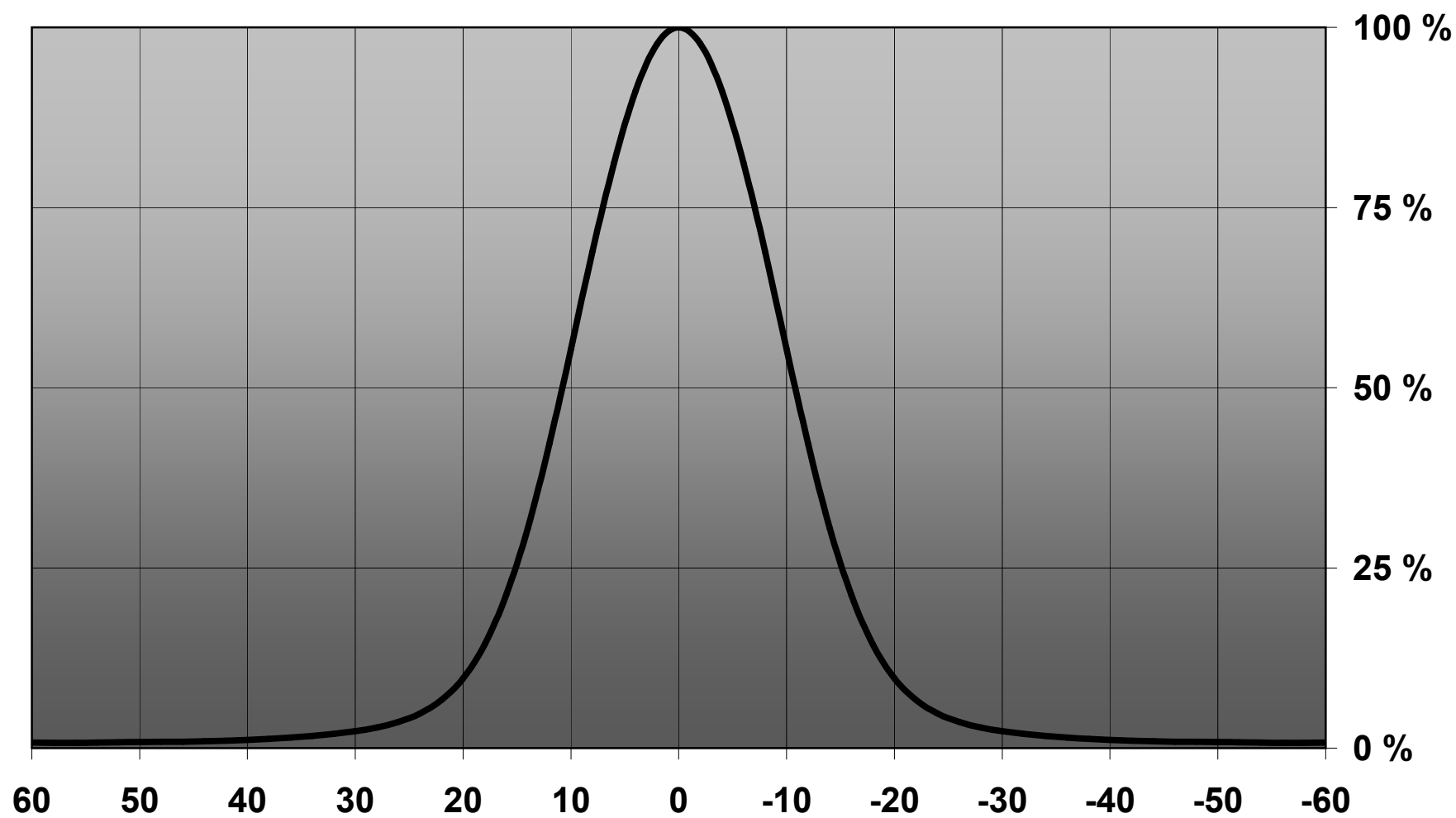
GENERAL INFORMATION

- 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.
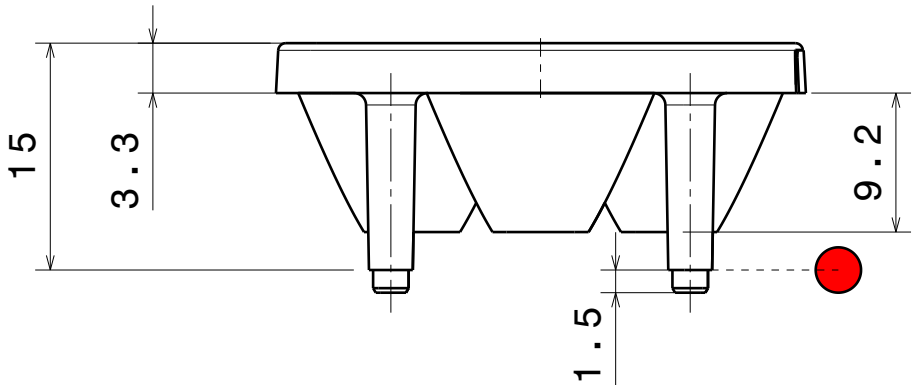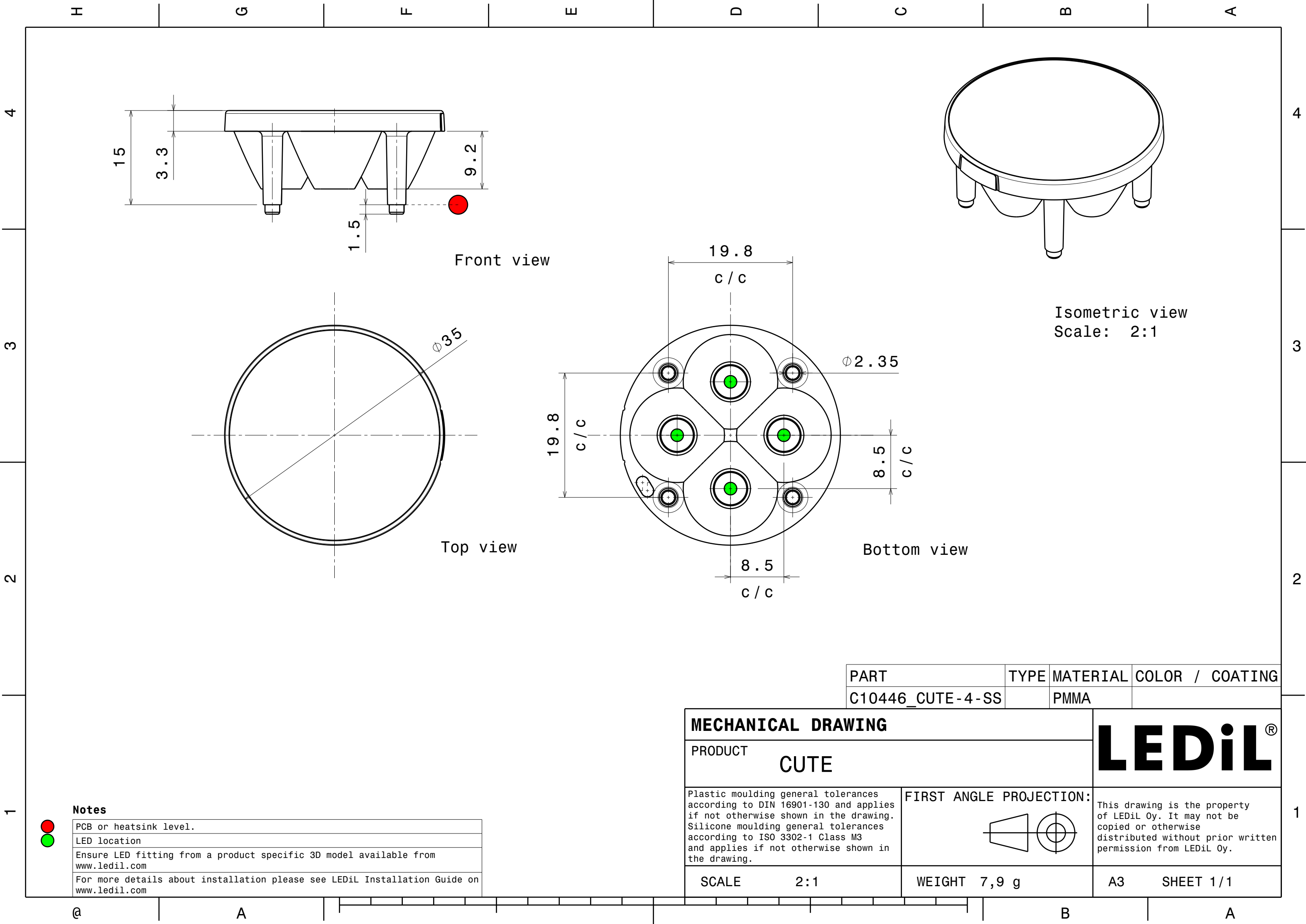
Please find more information about used material from below:
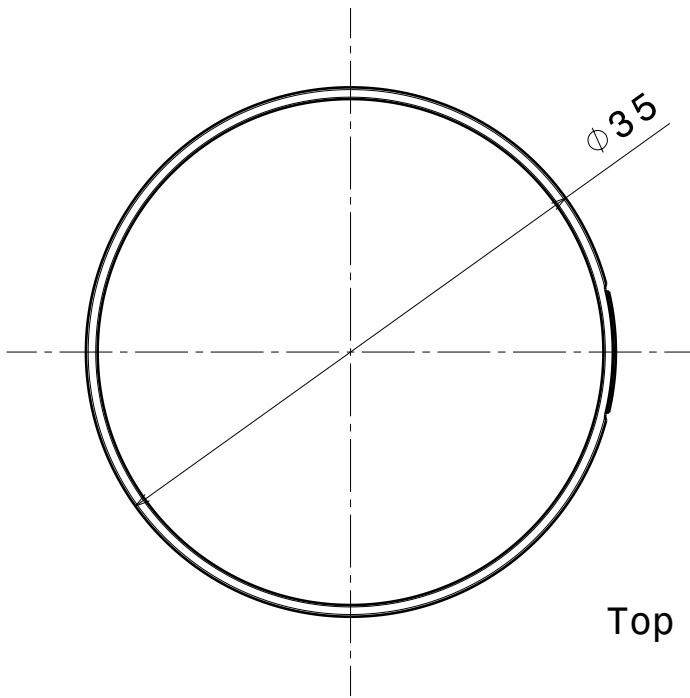http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf
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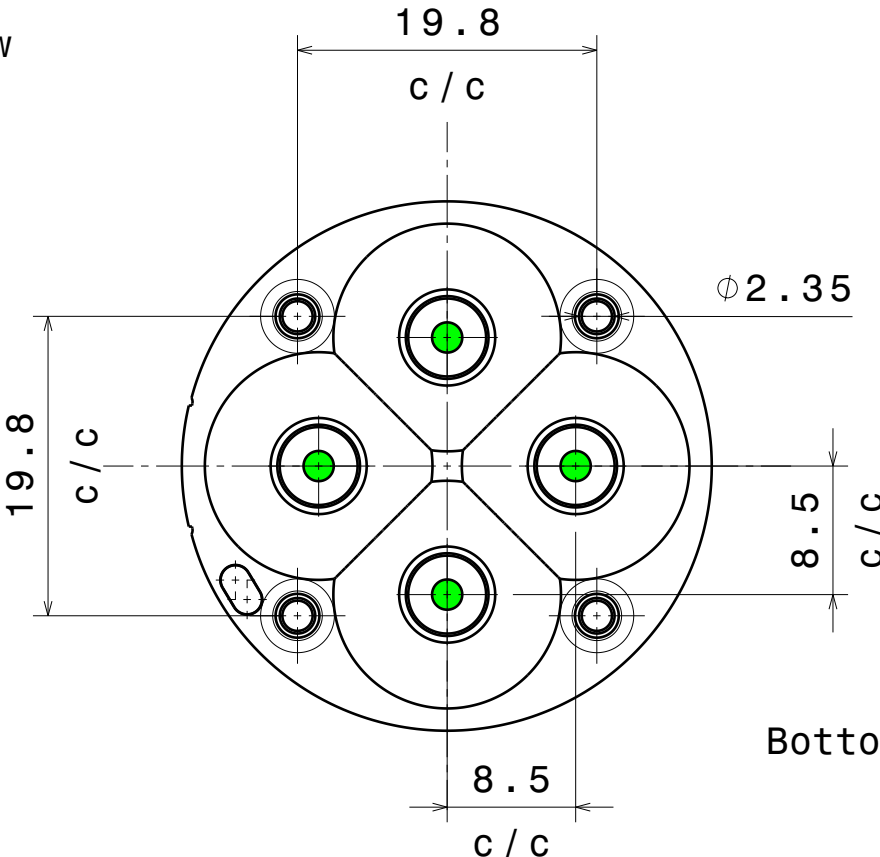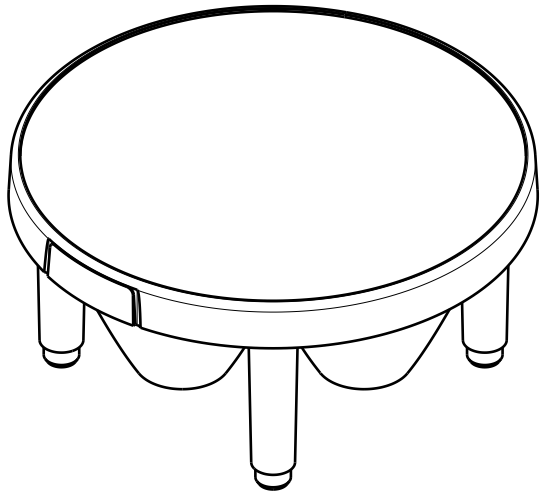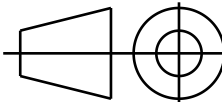
Relative intensity of C10447_Cute-4-M

Front view

15
3.3
9.2
1.5

Top view

$\phi 35$

Bottom view

19.8 c/c
19.8 c/c
8.5 c/c
8.5 c/c
$\phi 2.35$

Isometric view
Scale: 2:1

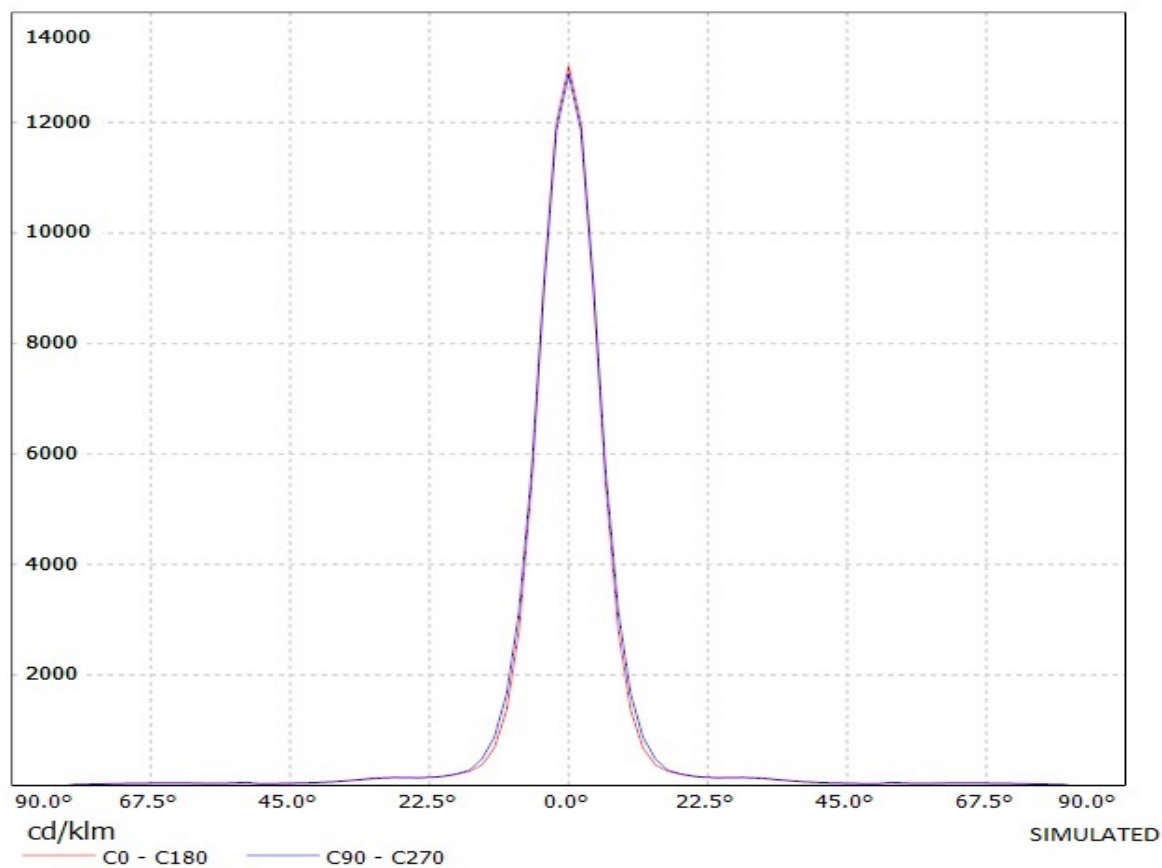| PART	TYPE	MATERIAL	COLOR / COATING
C10446_CUTE-4-SS		PMMA	

MECHANICAL DRAWING

PRODUCT
CUTE

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:

SCALE	2:1	WEIGHT 7,9 g	A3	SHEET 1/1

LEDiL®

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

SIMULATED

—— C0 - C180   —— C90 - C270

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

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SIMULATED