



# PRODUCT DATASHEET

## Cindy series

last update 26/6/2013

### DETAILS

<b>Product Number</b>	C10981_CINDY-W
<b>Family</b>	Cindy
<b>Type</b>	Reflector
<b>Color</b>	metal
<b>Diameter</b>	22,6 mm
<b>Height</b>	12,5 mm
<b>Style</b>	hexag
<b>Optic Material</b>	PC
<b>Holder Material</b>	
<b>Fastening</b>	glue
<b>Status</b>	ready
<b>ROHS Comliant</b>	Yes
<b>Date Updated</b>	26/06/2013

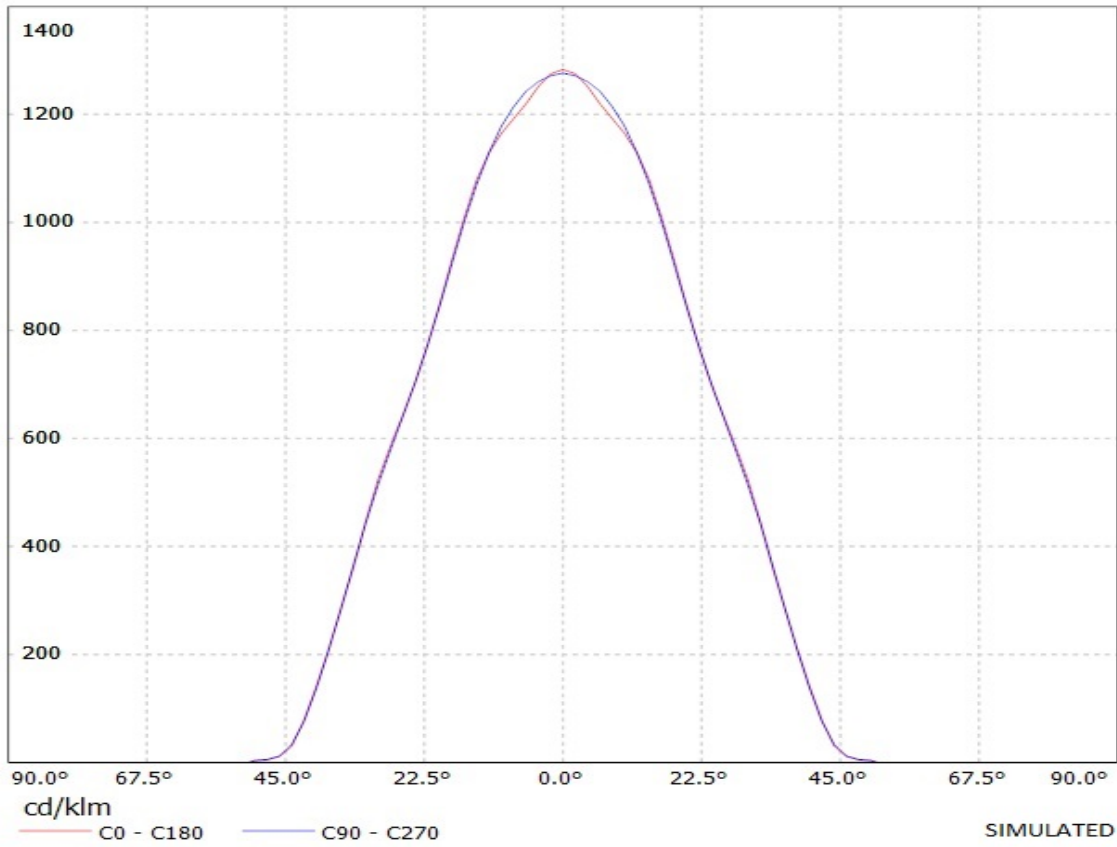


### OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi- ciency	cd/lm	Connector
CL-L251	52 deg	Wide	86 %	1.300	-

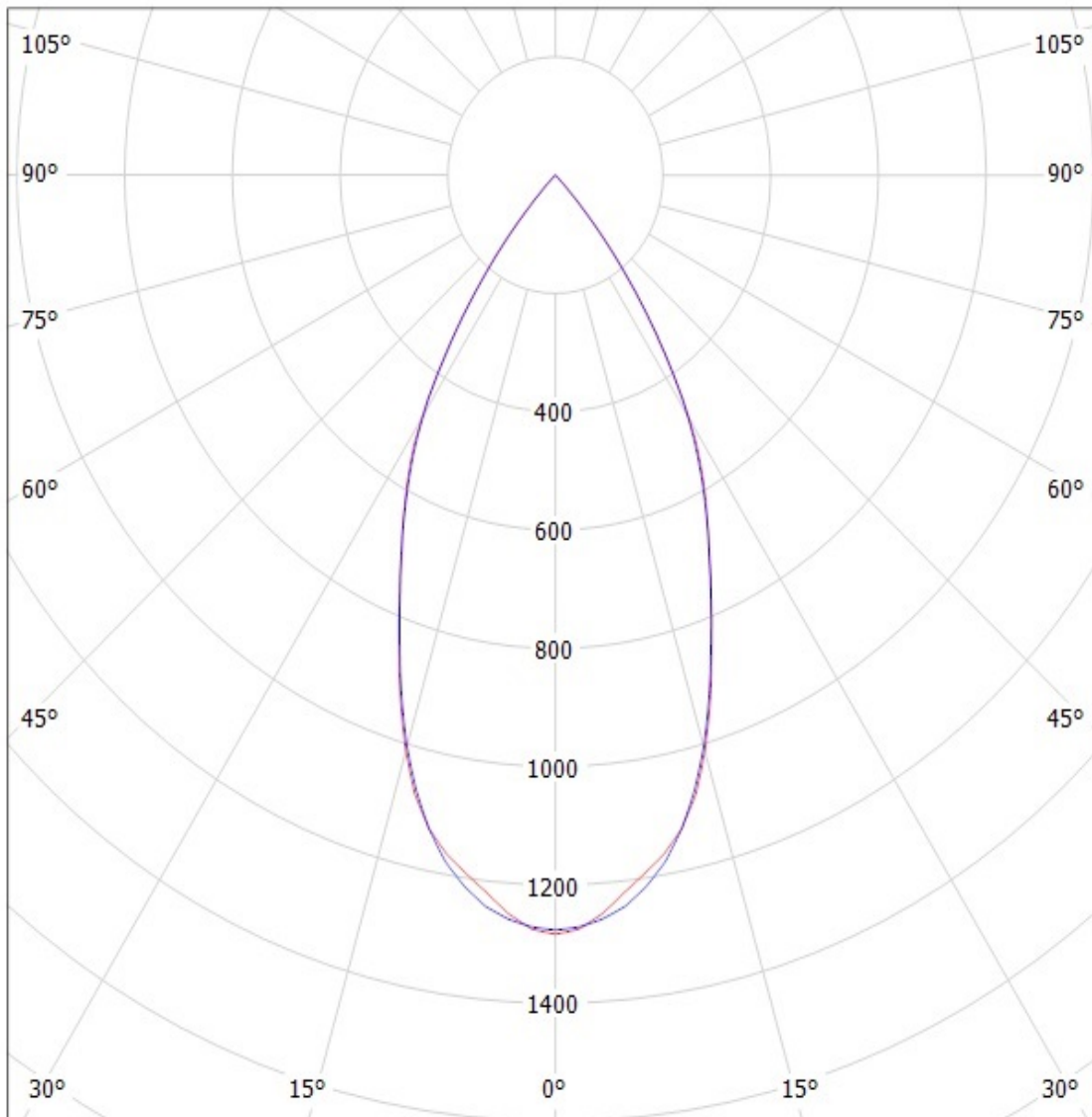
**Ledil Oy C10981\_Cindy-L251-W C10981\_Cindy-L251-W / LDC (Linear)**

Luminaire: Ledil Oy C10981\_Cindy-L251-W C10981\_Cindy-L251-W  
Lamps: 1 x Citizen L251 (Warm)



# Ledil Oy C10981\_Cindy-L251-W C10981\_Cindy-L251-W / LDC (Polar)

Luminaire: Ledil Oy C10981\_Cindy-L251-W C10981\_Cindy-L251-W  
Lamps: 1 x Citizen L251 (Warm)



cd/klm

— C0 - C180 — C90 - C270

SIMULATED

**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 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.  
[http://www.ledil.com/datasheets/DataSheet\\_GLUES.pdf](http://www.ledil.com/datasheets/DataSheet_GLUES.pdf)

**NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the glue.**

**NOTE 2: All surfaces where glue is applied must be clean, dry and free from grease and dirt. If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer -this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.**

**Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.**