PRODUCT DATASHEET
Leila series
last update 15/8/2014

DETAILS

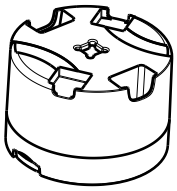
Product Number	CP12668_LXB3-D
Family	Leila
Type	Assembly
Color	black
Diameter	21.6 mm
Height	14.6 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	glue
Status	ready
ROHS Comliant	Yes
Date Updated	15/08/2014

OPTICAL PROPERTIES

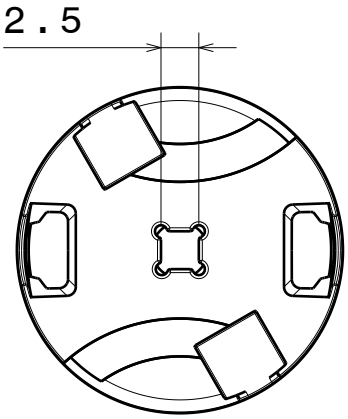
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XB-D	12 deg	Diffuser	80 %	11.500	-

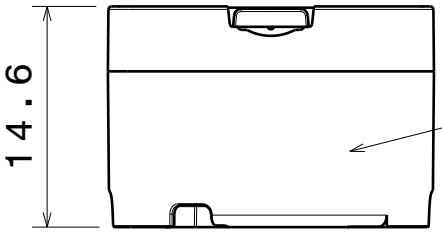
Ledil Oy
Salorankatu 10
24240 SALO, Finland

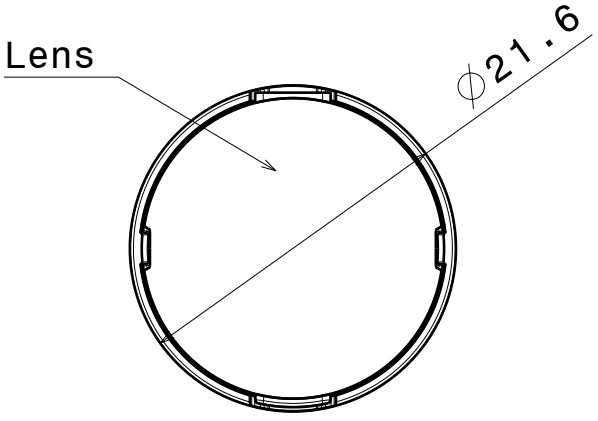
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



Isometric view
Scale: 1:1







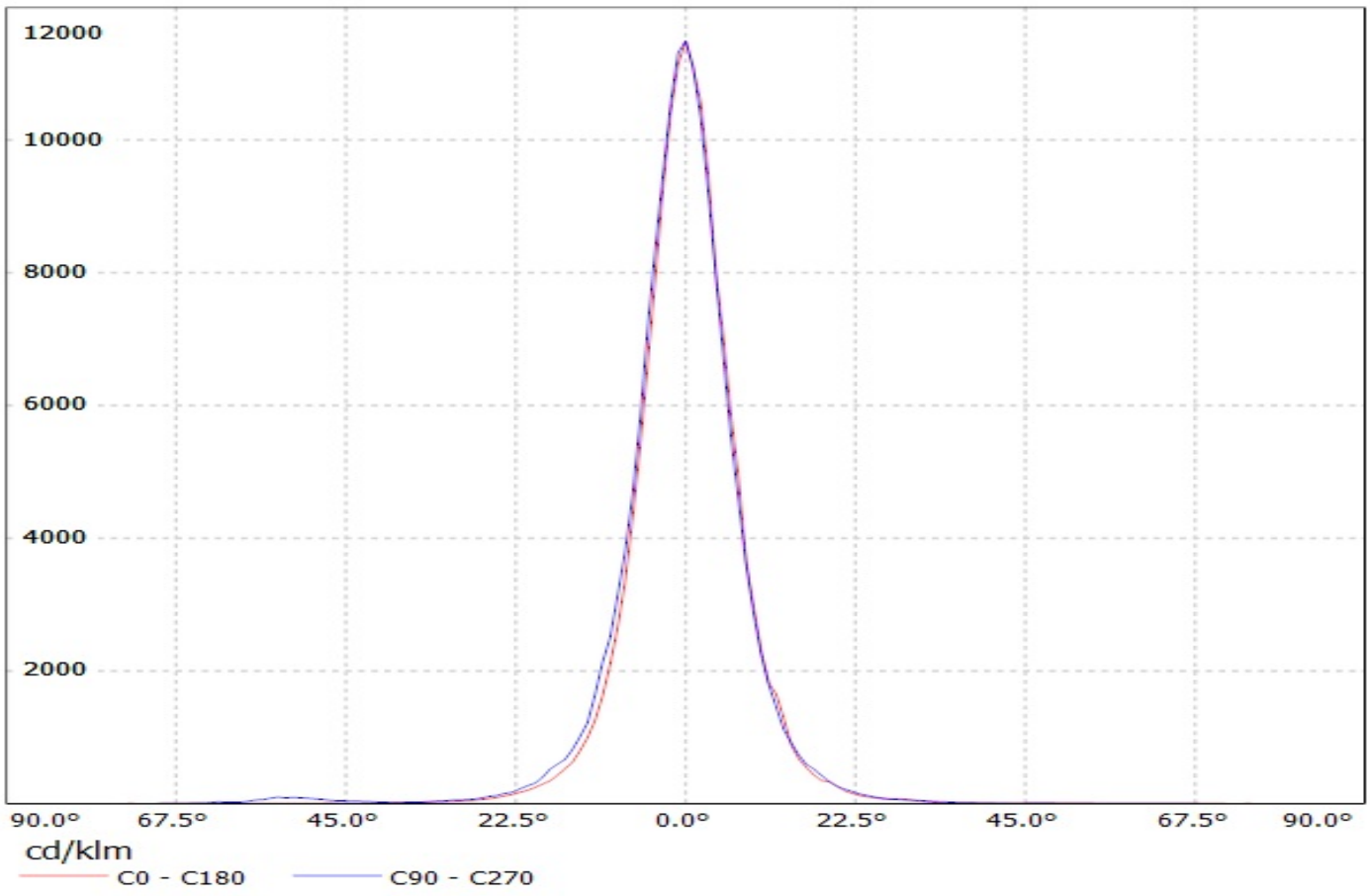
Materials:
Lens PMMA
Holder PC, Black

Tolerances for dimensions:
0-20mm tolerance value +-0.1mm
21-45mm tolerance value +-0.2mm
46-90mm tolerance value +-0.3mm
91-100mm tolerance value +-0.4mm
101-mm tolerance value +-0.5mm

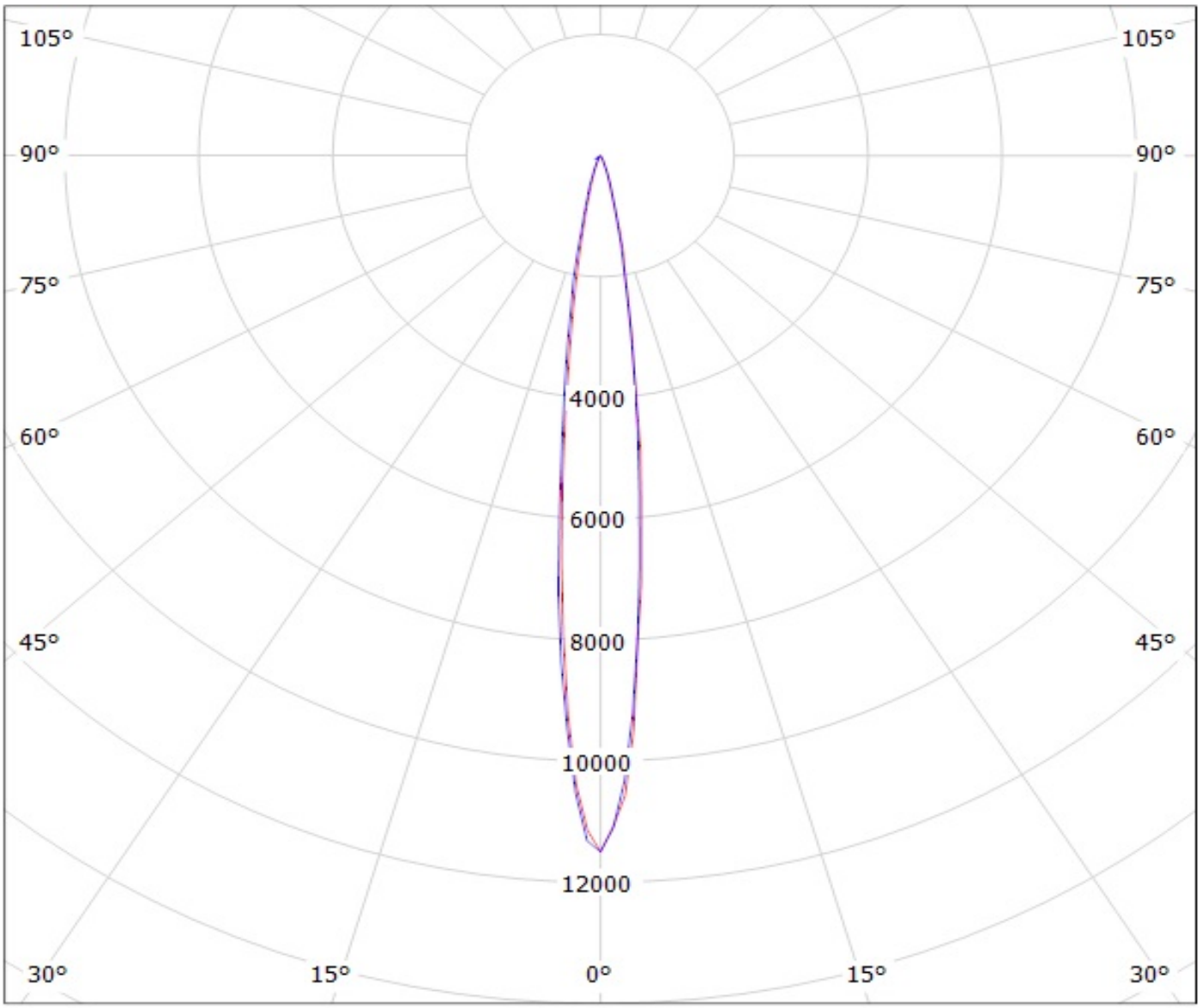
Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWN BY: pv	DATE: 11.04.2012	DRAWING TITLE: Datasheet LXB3 Glue Assy			
CHECKED BY: sn	DATE: 19.01.2012	SIZE: A4	DRAWING NUMBER: -		REV: 1
DESIGNED BY: pv	DATE: 19.01.2012	SCALE: 2:1	WEIGHT(g):		SHEET: 1/1

Luminaire: Ledil Oy CP12668_LXB3-D (Cree XB-D 84lm @ 250mA) LOR=80%
Lamps: 1 x Cree XB-D 84lm @ 250mA



Luminaire: Ledil Oy CP12668_LXB3-D (Cree XB-D 84lm @ 250mA) LOR=80%
Lamps: 1 x Cree XB-D 84lm @ 250mA



cd/klm

C0 - C180 C90 - C270

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

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 boar 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.