



Ordering number CP11633_LXP3-M

Family Leila
Type Assembly
LED XT-E
Color White
Diameter 21.6 mm
Height 14.6 mm
Style Round
Optic Material PMMA
Holder Material PC
Fastening Glue
Status Ready

FWHM (simulated) 0
Efficiency (simulated) 0 %
cd/Im -
Gerber File Available

Suitable for Star PCB



Ordering number CP12817_LXP3-RS2

Family Leila
Type Assembly
LED XT-E
Color White
Diameter 21.6 mm
Height 14.6 mm
Style Round
Optic Material PMMA
Holder Material PC
Fastening Glue
Status Ready

FWHM 10 degrees
Efficiency 93 %
cd/Im 15.600
Gerber File Available



Ordering number CP11632_LXP3-D

Family Leila
Type Assembly
LED XT-E
Color White
Diameter 21.6 mm
Height 14.6 mm
Style Round
Optic Material PMMA
Holder Material PC
Fastening Glue
Status Ready

FWHM 11 degrees
Efficiency (simulated) 0 %
cd/Im 8.950
Gerber File Available

Suitable for Star PCB



Ordering number CP11634_LXP3-O-90

Family Leila
Type Assembly
LED XT-E
Color White
Diameter 21.6 mm
Height 14.6 mm
Style Round
Optic Material PMMA
Holder Material PC
Fastening Glue
Status Ready

FWHM 12+34 degrees
Efficiency (simulated) 0 %
cd/Im 3.860
Gerber File Available



PRODUCT DATASHEET

Leila series

last update 21/6/2012



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

Leila series

last update 21/6/2012



GENERAL INFORMATION

- Product series especially designed & optimized for XT-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 (105 degrees of Celcius / 220 degrees of Fahrenheit). 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%20PLEXIGLAS-Datasheet.pdf>

- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).

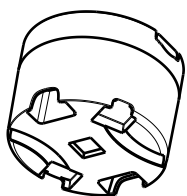
- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.

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 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.

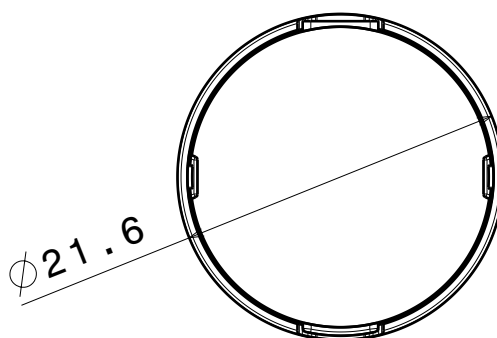
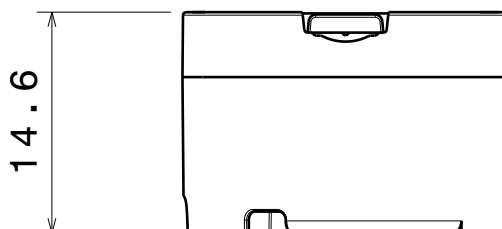
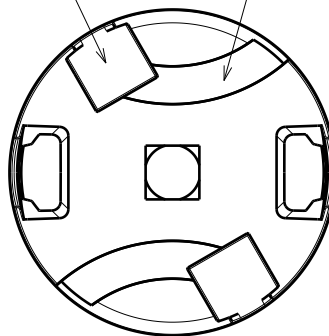
Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.



Isometric view
Scale: 1:1

Solder pocket

Glue groove



Materials:
Holder: PC white
Lens: PMMA

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LEDIL

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DRAWING TITLE

DATASHEET LXP3

DRAWN BY
m

DATE
25.11.2010

CHECKED BY
s n

DATE
25.11.2010

SIZE
A4

DRAWING NUMBER

REV
2

DESIGNED BY
HH

DATE
30.04.2010

SCALE

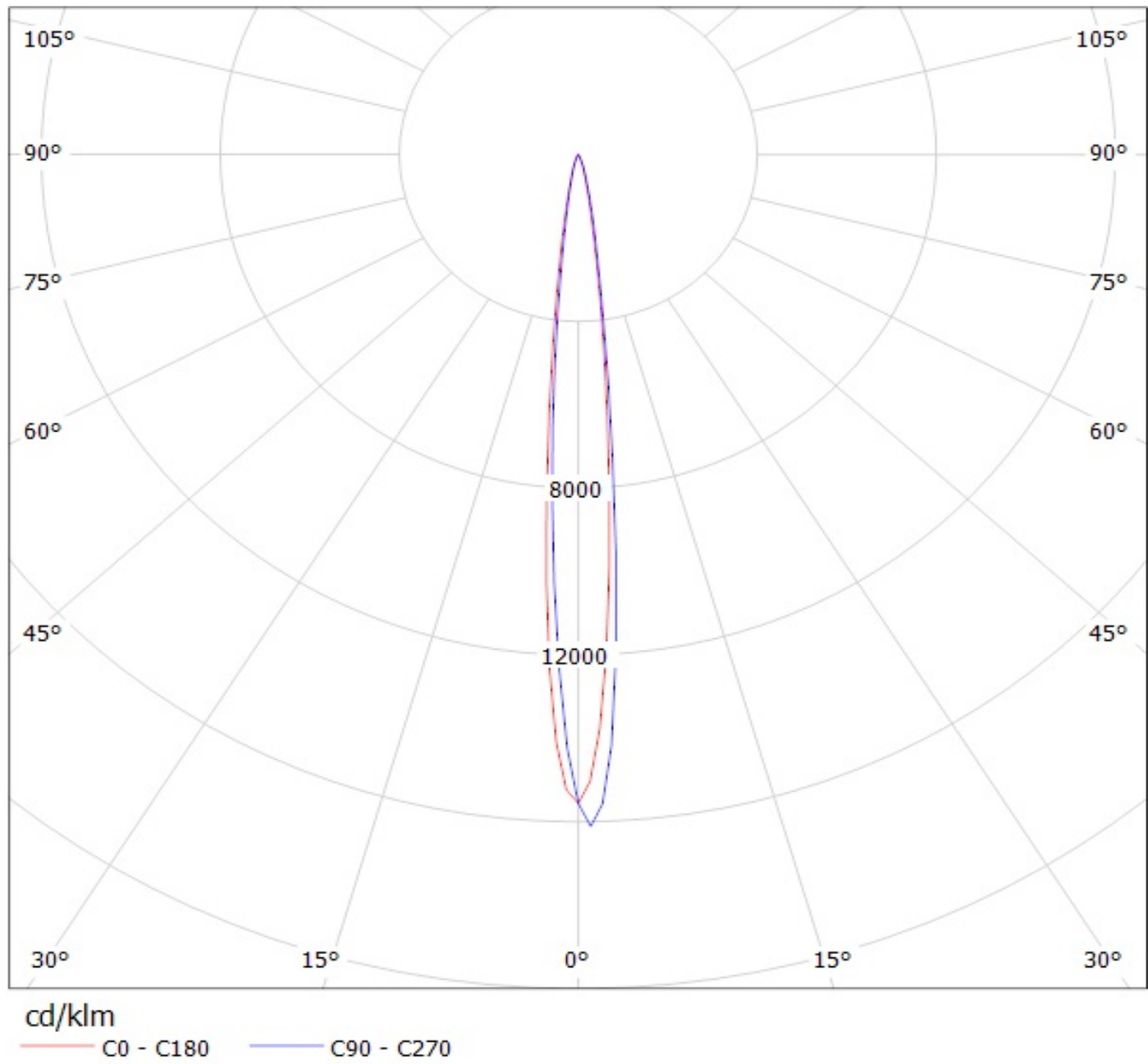
2:1

WEIGHT (g)

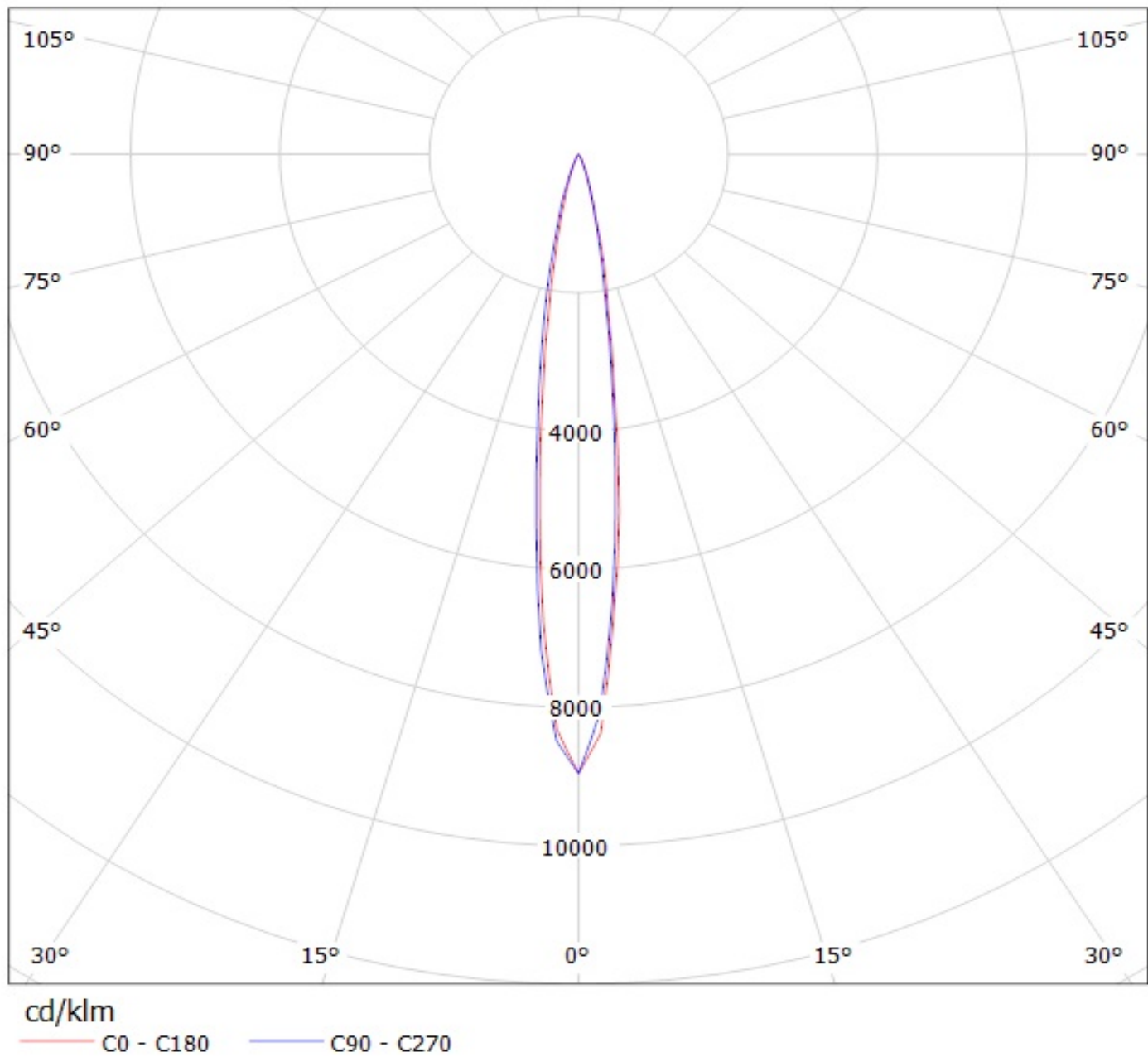
SHEET

1/1

Luminaire: Ledil Oy CP12817_LXP3-RS2_(XT-E) Efficiency=92%
Lamps: 1 x Cree XT-E (AWT) 250mA 113lm



Luminaire: Ledil Oy CP11632_LXP3-D-WHT (Cree XT-E (AWT) 113lm @ 250mA)
Lamps: 1 x Cree XT-E 113lm @ 250mA



Luminaire: Ledil Oy CP11634-LXP3-O-90-WHT (Cree XT-E (AWT)) LOR=84%
Lamps: 1 x Cree XT-E (AWT)

