PRODUCT DATASHEET
Leila series
last update 6/7/2015

DETAILS

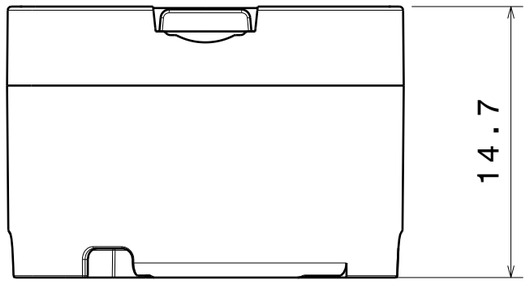
Product Number	CP11633_LXP3-M
Family	Leila
Type	Assembly
Color	white
Diameter	21.6 mm
Height	14.7 mm
Style	round
Optic Material	PMMA
Holder Material	PC
Fastening	glue
Status	ready
ROHS Comliant	Yes
Date Updated	10/04/2014

OPTICAL PROPERTIES

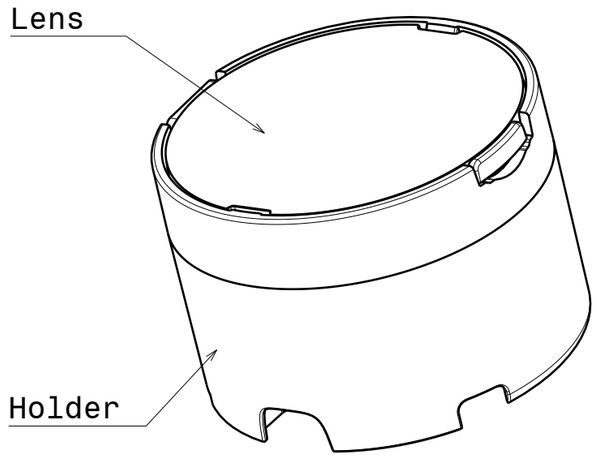
LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XP-G	24 deg	Medium	94 %	sim: 0.000	-
XP-E	24 deg	Medium	94 %	sim: 0.000	-
Z5	24 deg	Medium	91 %	-	-
XP-L HI	25 deg	Medium	91 %	4.500	-

Ledil Oy
Salorankatu 10
24240 SALO, Finland

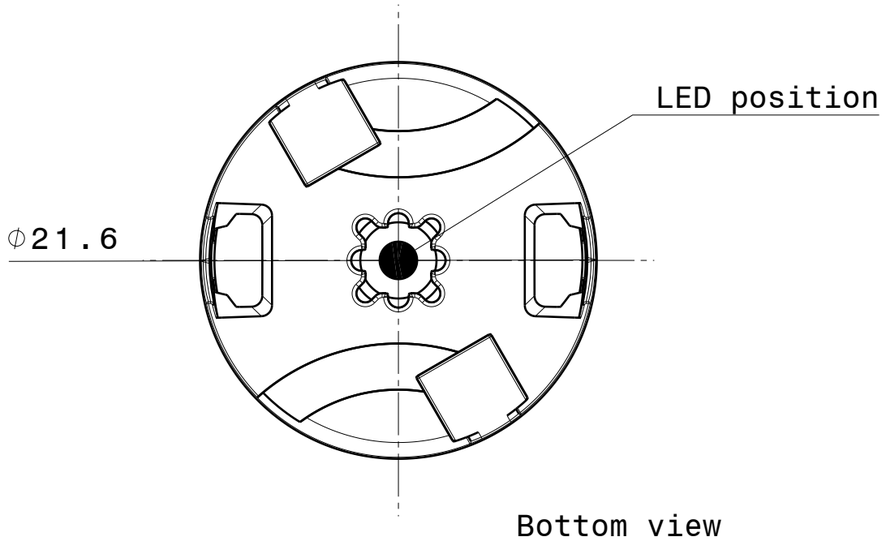
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001



Front view
Scale: 3:1



Isometric view
Scale: 3:1



Bottom view
Scale: 3:1

INDEX	PART NO	MATERIAL	COLOUR
1	Lens	PMMA 8N	
2	Holder	PC Makrolon 2407	white

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

THIRD ANGLE PROJECTION:

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Salorankatu 10
FIN 24240 SALO
Finland

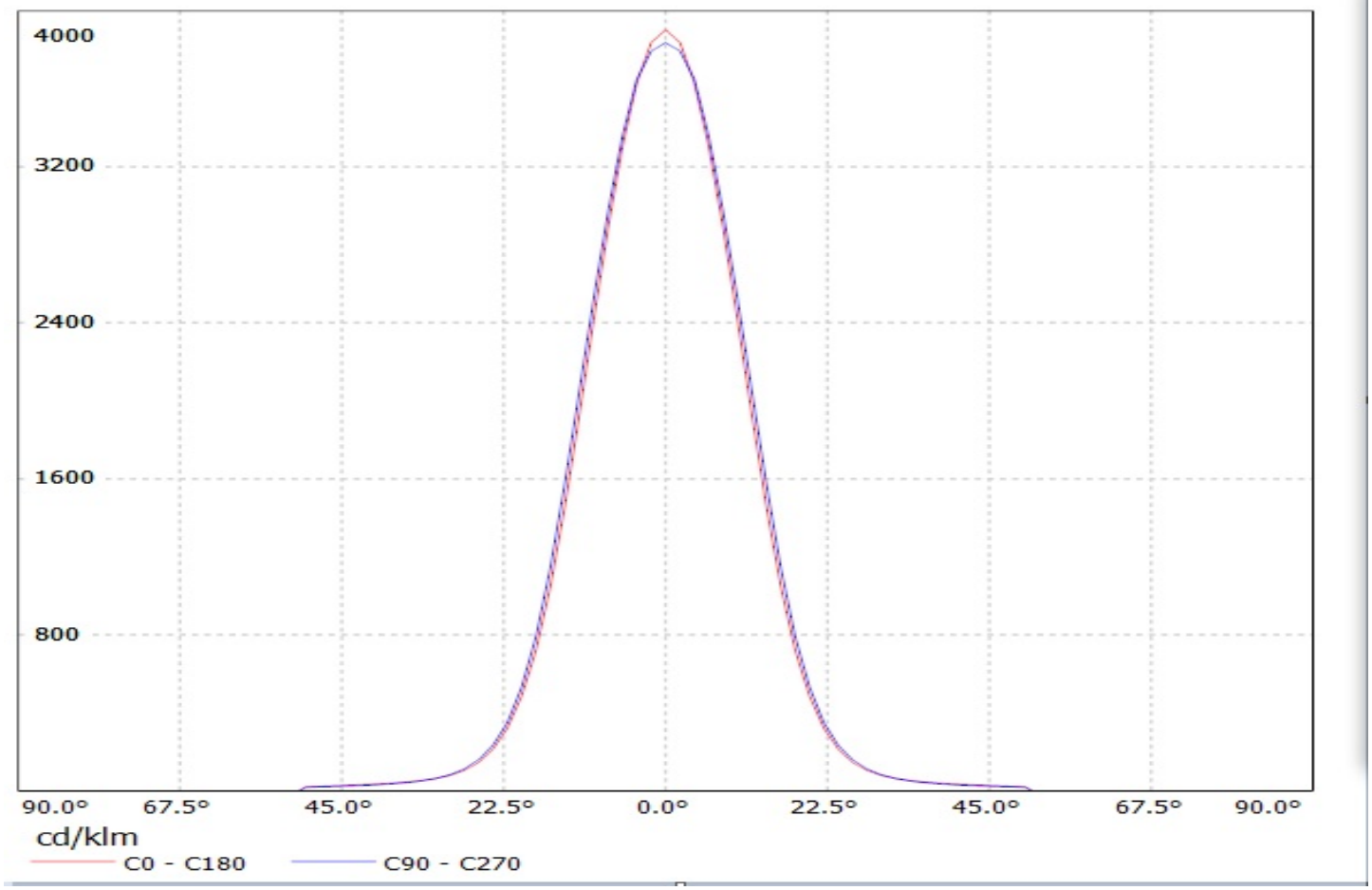
DRAWING TITLE
Datasheet_LXP3-Series

SIZE A3

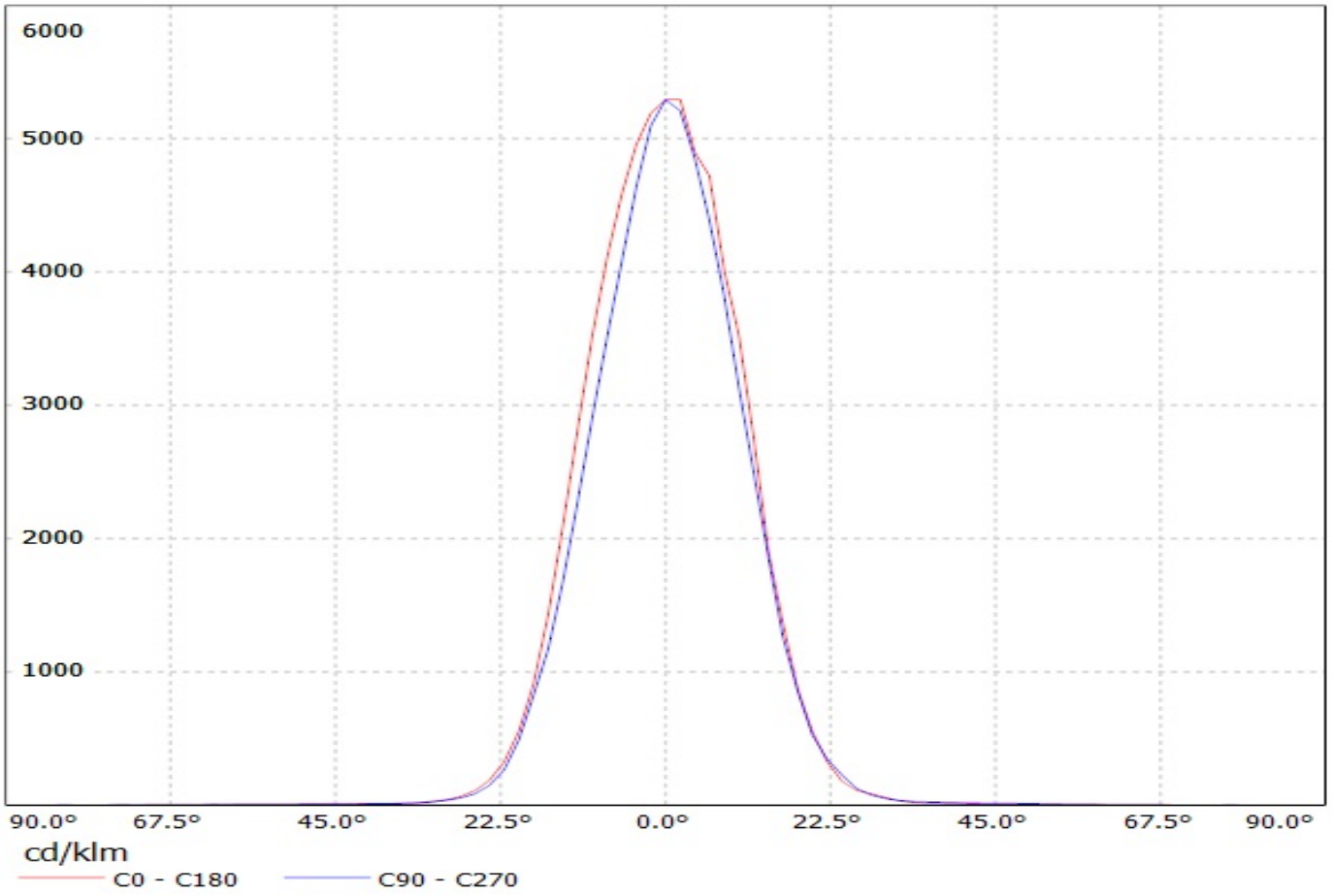
PART NUMBER
Datasheet

SCALE 3:1 | WEIGHT 7,49 g | SHEET 1/1

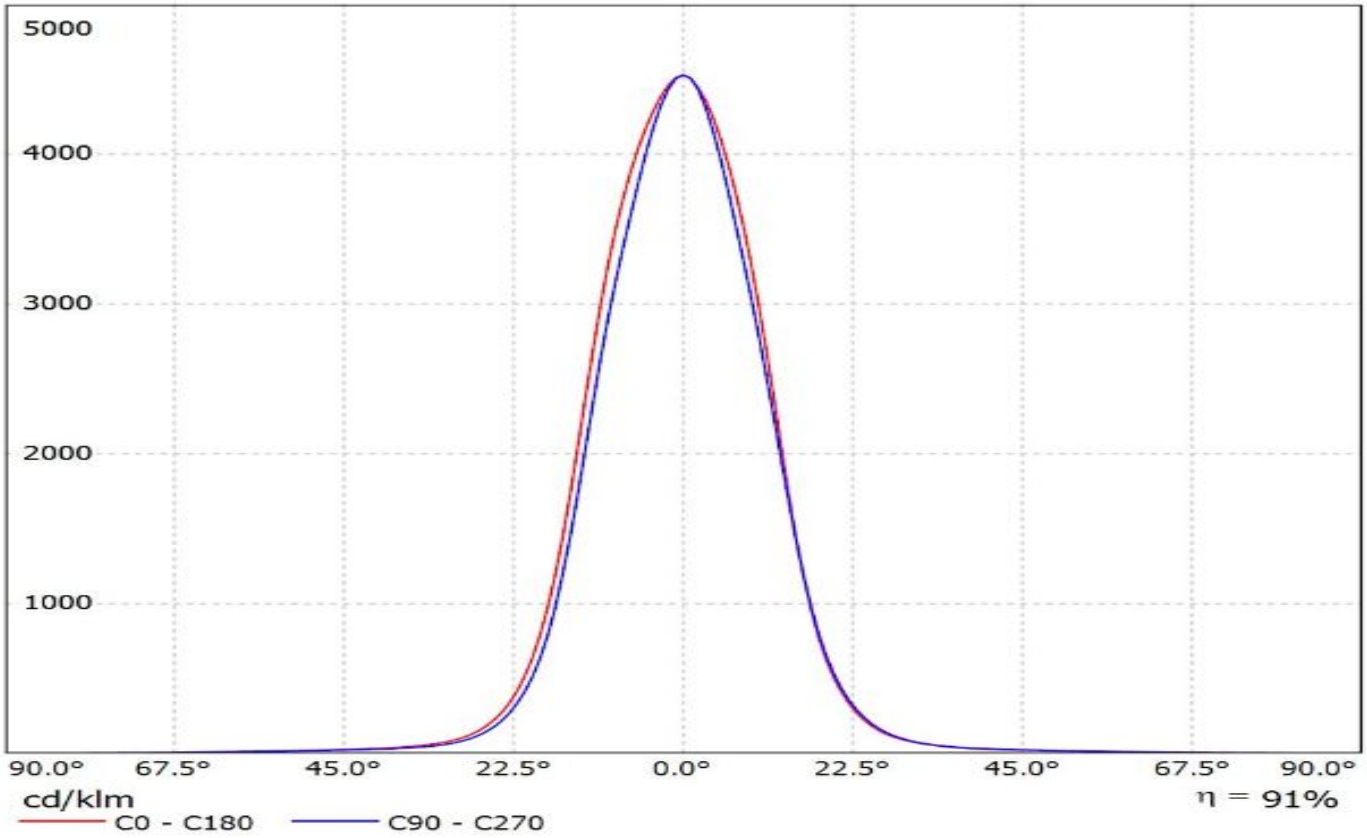
Luminaire: Ledil Oy CP11633_LXP3-M (XP-G) CP11633_LXP3-M (XP-G)
Lamps: 1 x Cree XP-G



Luminaire: Ledil Oy CP11633_LXP3-M-XP-E LOR=93%
Lamps: 1 x Cree XP-E 250mA 77lm



Luminaire: Ledil CP11633_LXP3-M_(XP-L_HI)
Lamps: 1 x CREE_XP-L_HI_116.971lm@250mA_P=0.75W_I=0.25A



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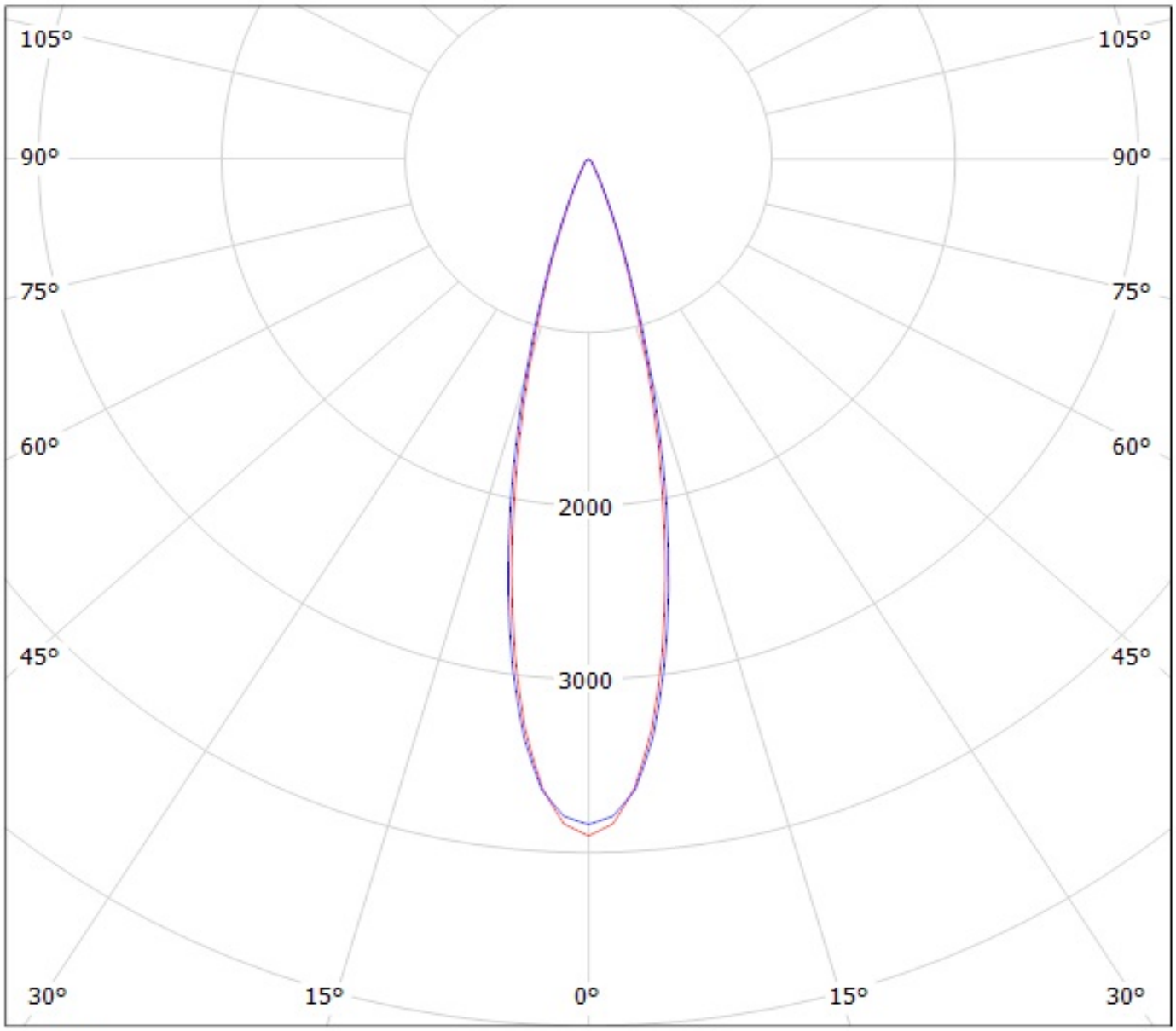

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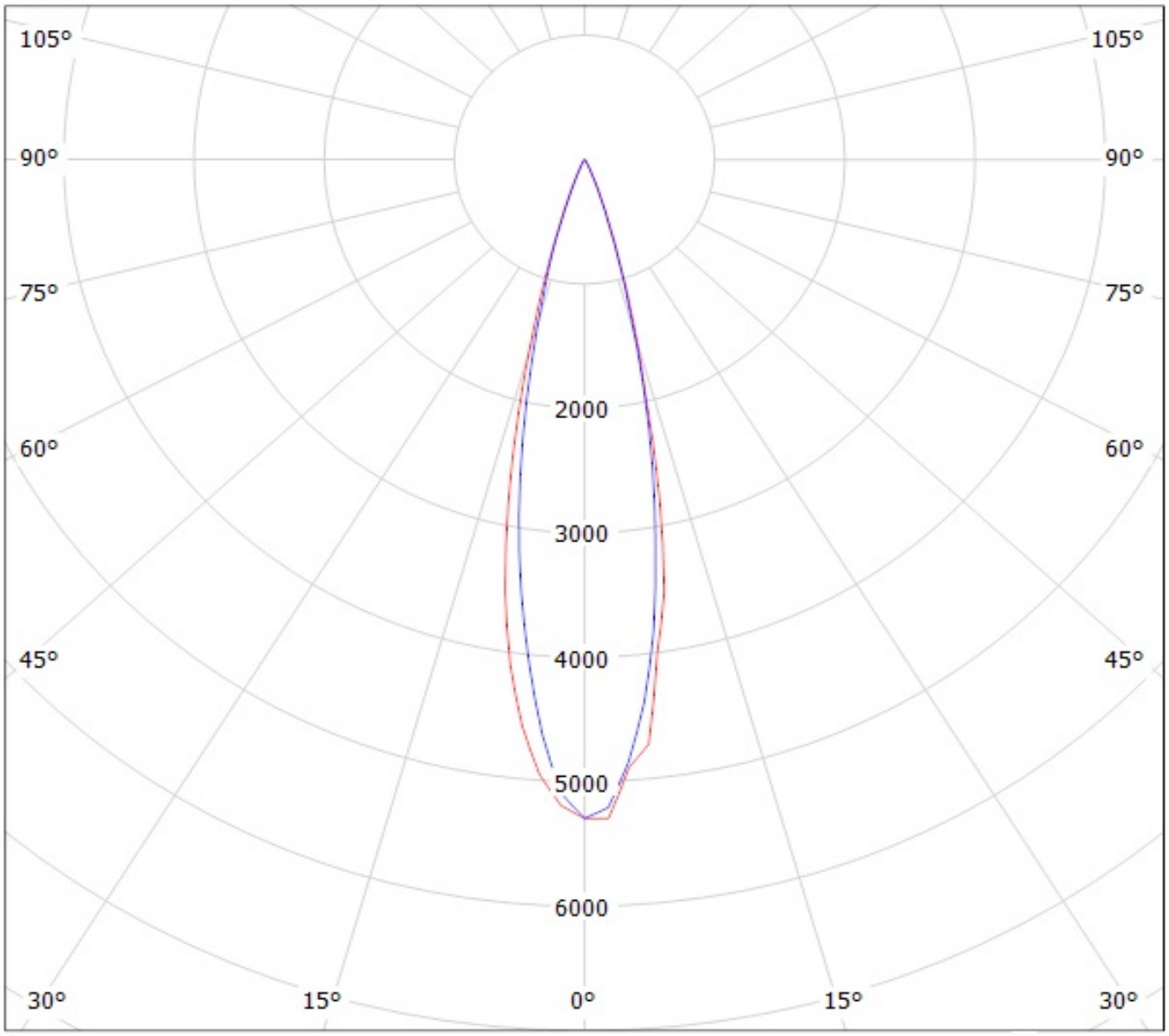

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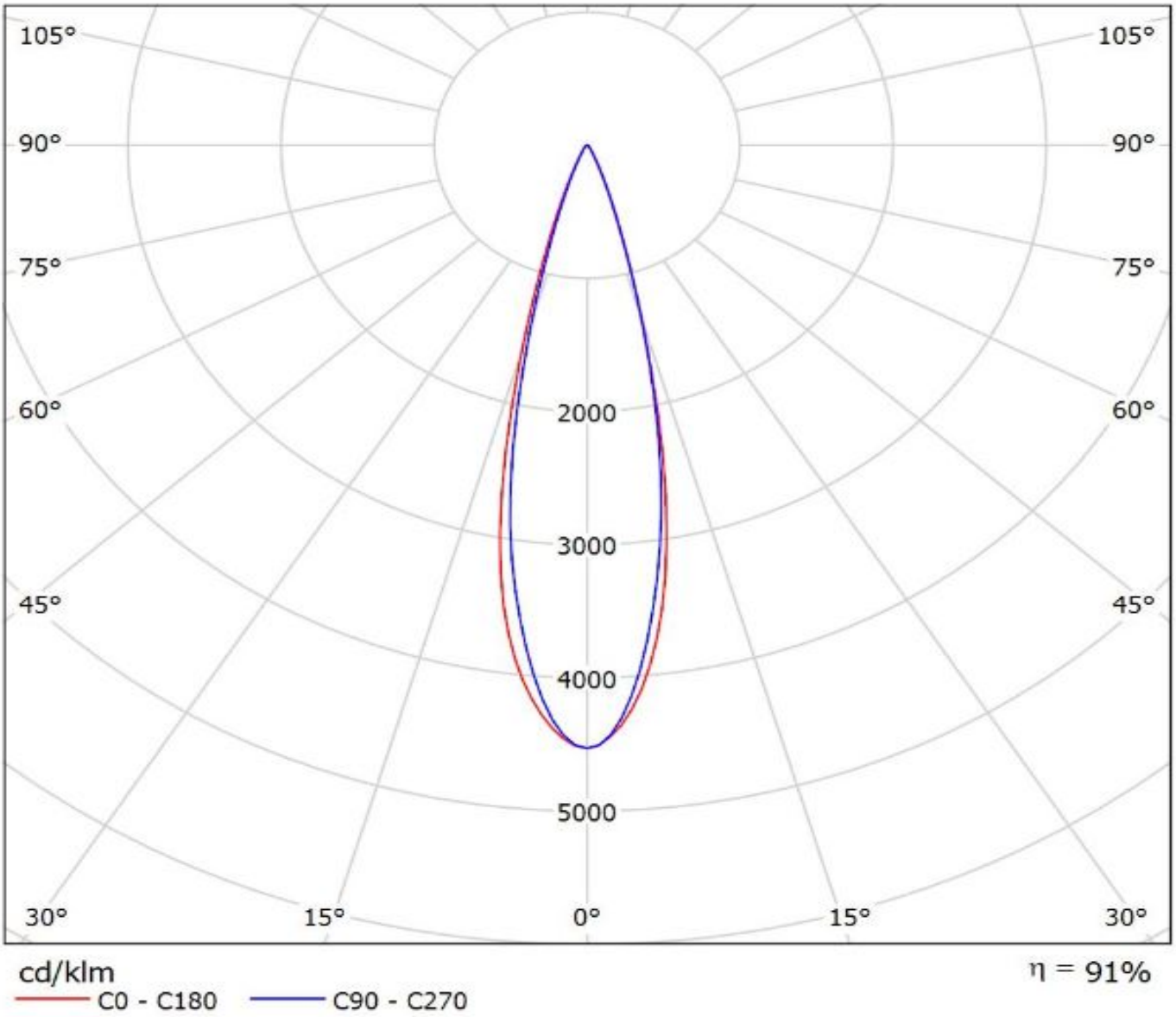

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.

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.