PRODUCT DATASHEET
Oona series
last update 19/8/2014

DETAILS

Product Number	C12769_OONA-A
Family	Oona
Type	Lens
Color	clear
Diameter	9.9+9.9 mm
Height	4.5 mm
Style	square
Optic Material	PMMA
Holder Material	
Fastening	glue
Status	ready
ROHS Comliant	Yes
Date Updated	19/08/2014

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	connector
Oslon Square PC	130+115 degrees		91 %	0.712	-
Oslon Square EC	131+114 degrees		91 %	0.715	-

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24240 SALO
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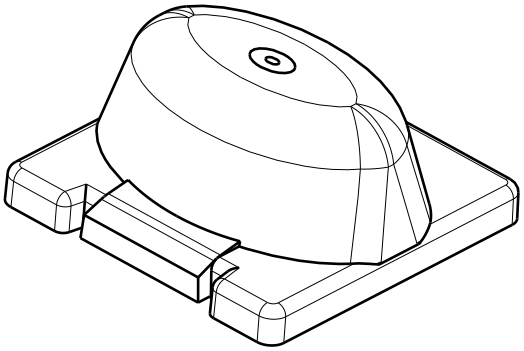
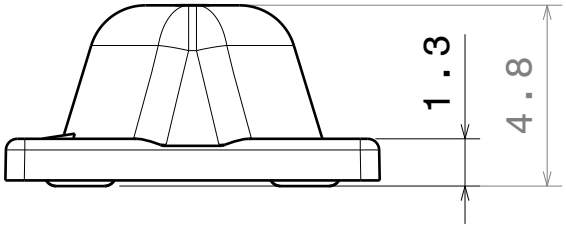
http://www.ledil.com
email: ledil@ledil.com
FAX: +358-2-733 8001

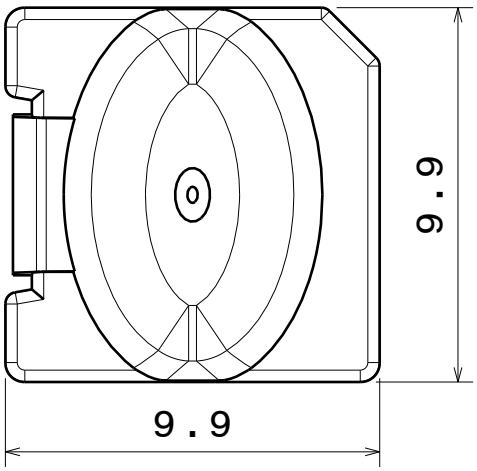


Isometric view

Front view



Top view



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C12769	Oona-A	PMMA	

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

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THIRD ANGLE PROJECTION:

DRAWING TITLE

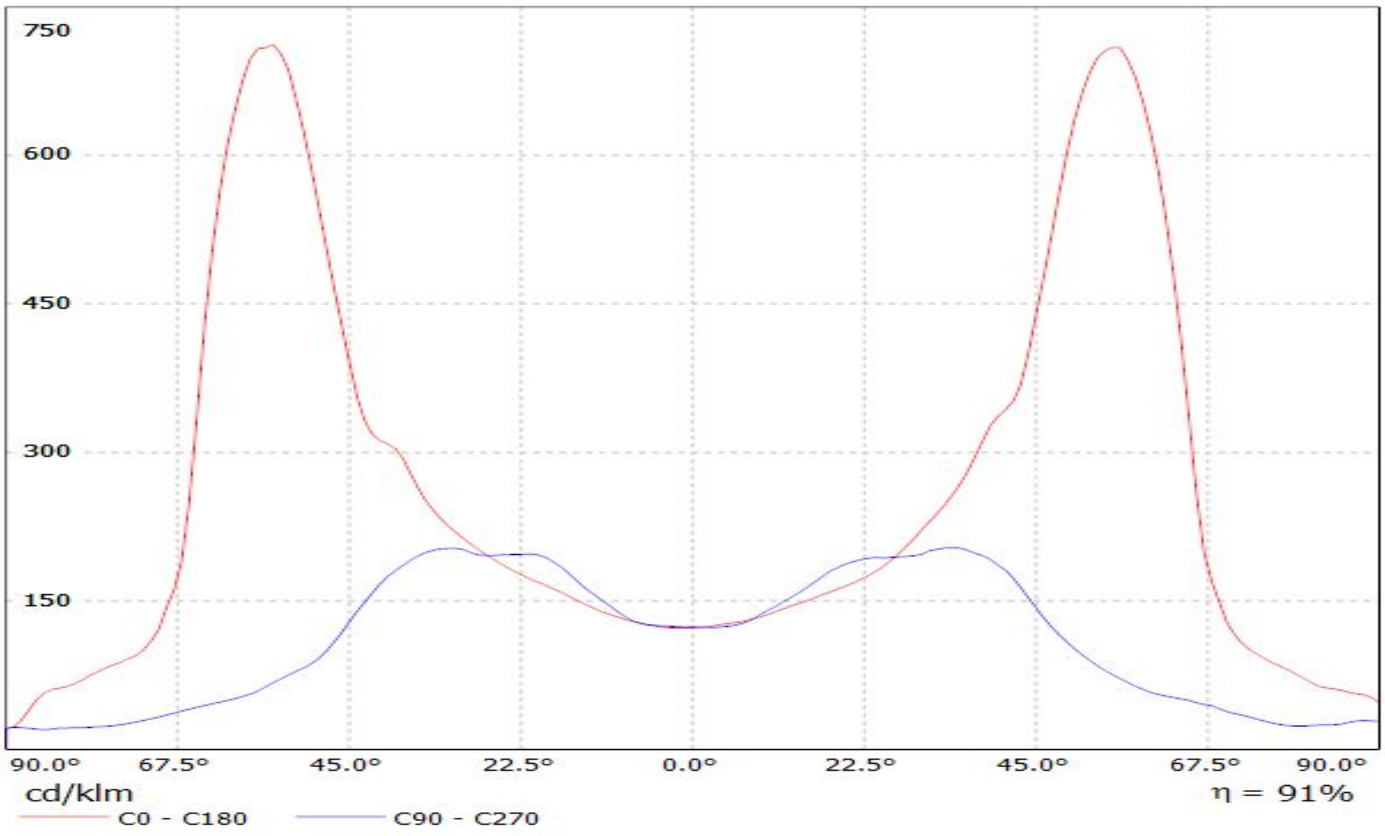
C12769_Oona-A

SIZE	PART NUMBER
A4	C12769

SCALE	WEIGHT		SHEET
1:1			1/1

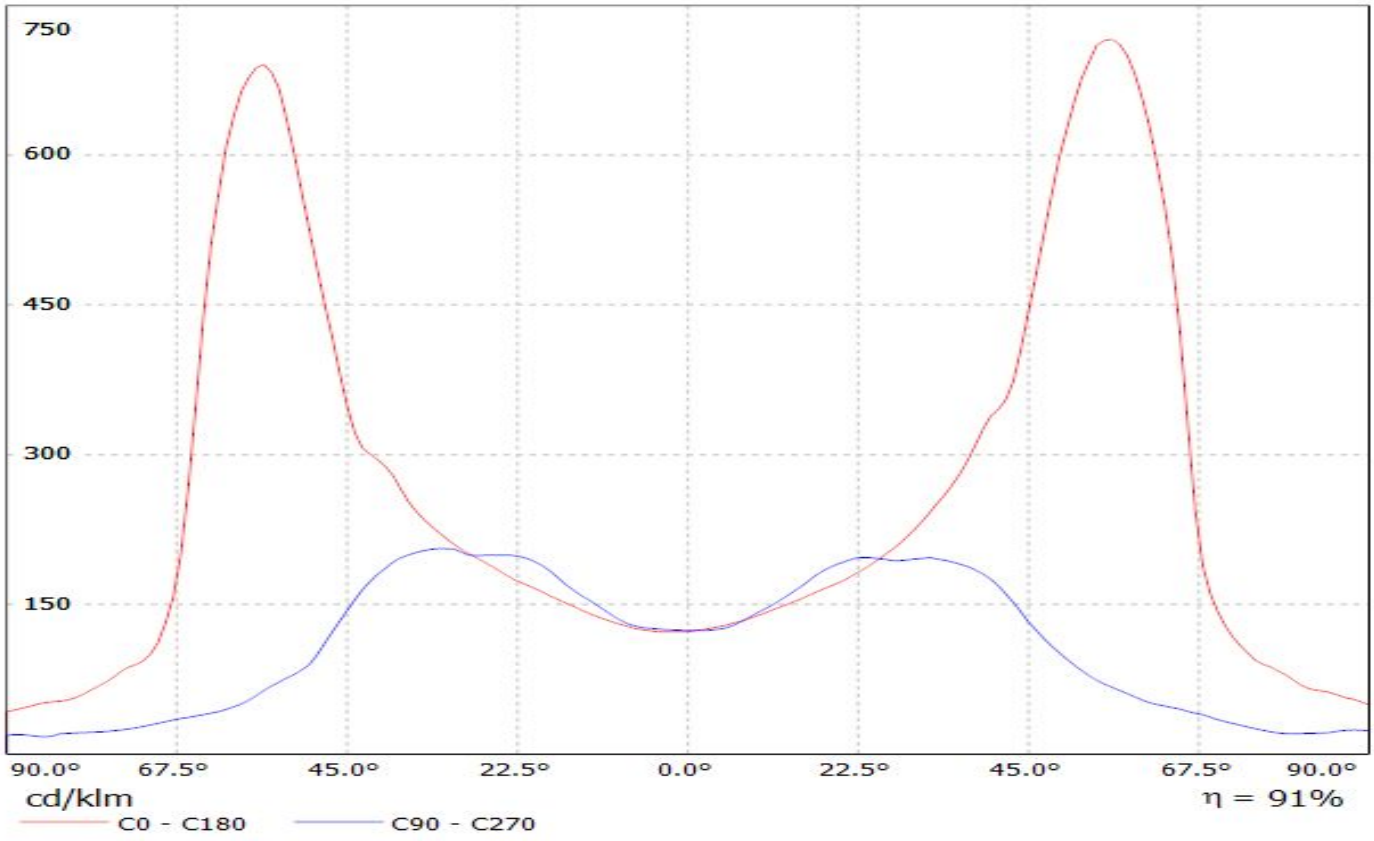
LEDiL Oy C12769_OONA-A_(SQ-PC)_2 Eff.90.9% / LDC (Linear)

Luminaire: LEDiL Oy C12769_OONA-A_(SQ-PC)_2 Eff.90.9%
Lamps: 1 x SQ-PC (79.3887lm@250mA)



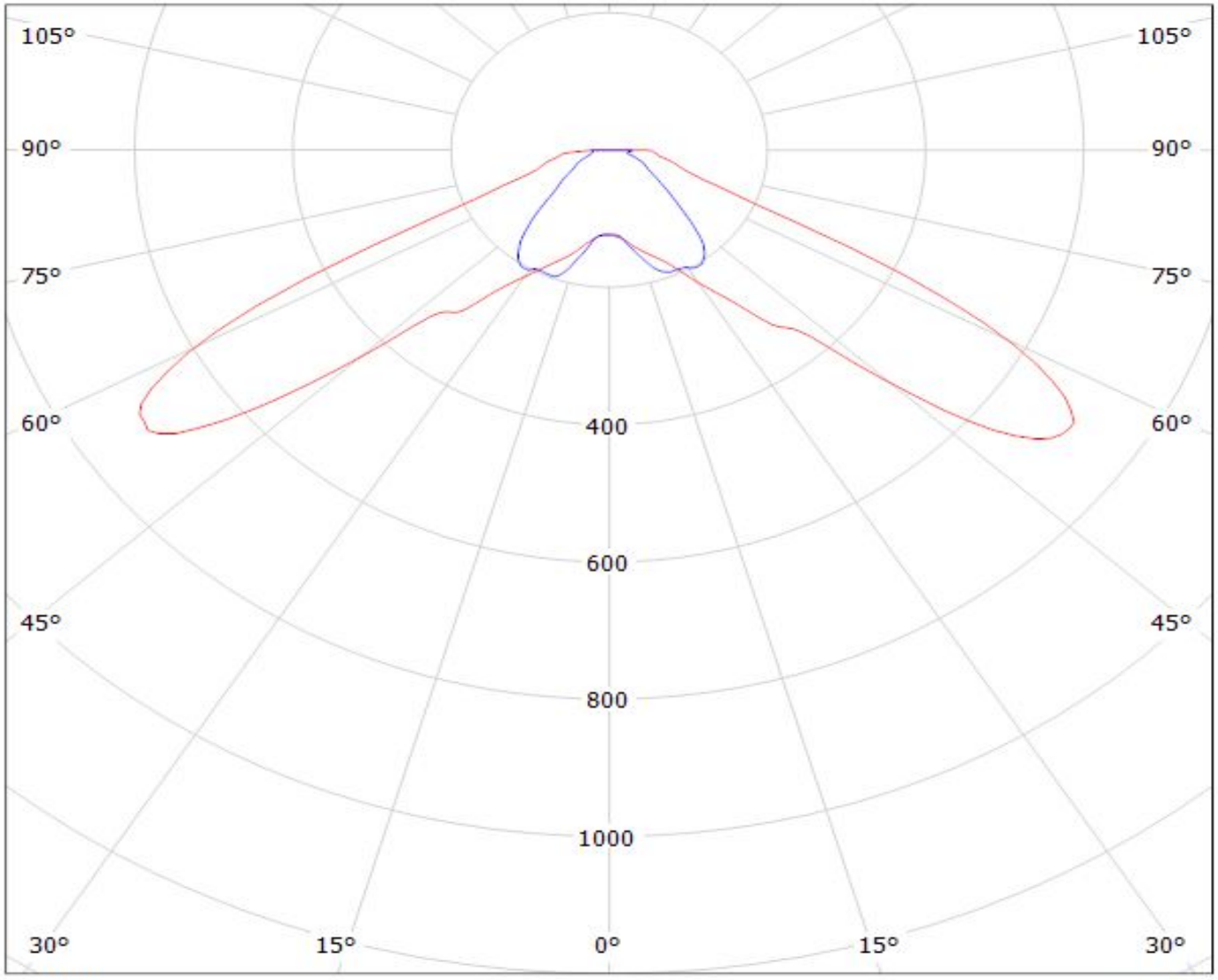
LEDiL Oy C12769_OONA-A_(SQ-EC)_2 Eff.90.7% / LDC (Linear)

Luminaire: LEDiL Oy C12769_OONA-A_(SQ-EC)_2 Eff.90.7%
Lamps: 1 x SQ-EC (62.2331lm@250mA)



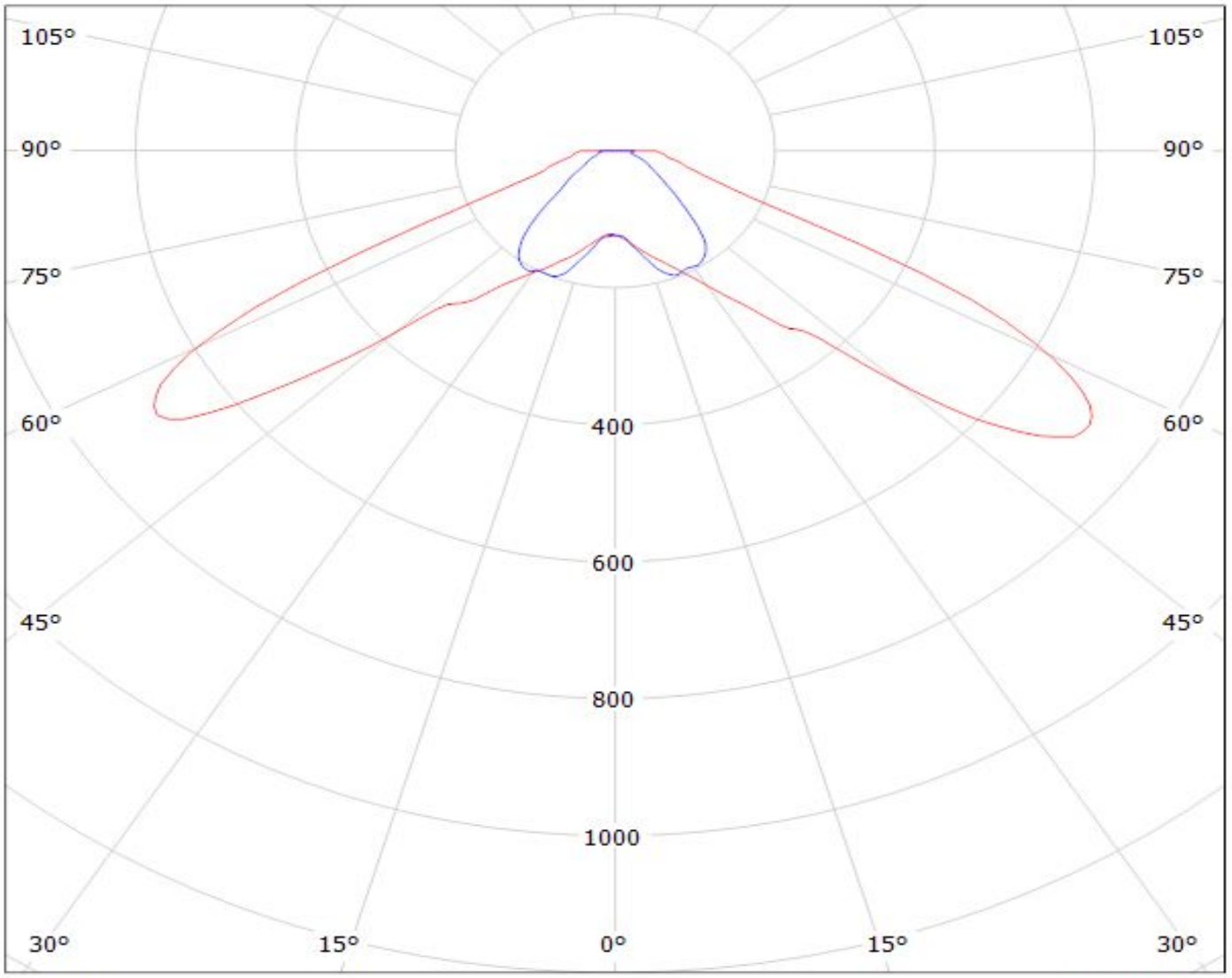
LEDiL Oy C12769_OONA-A_(SQ-PC)_2 Eff.90.9% / LDC (Polar)

Luminaire: LEDiL Oy C12769_OONA-A_(SQ-PC)_2 Eff.90.9%
Lamps: 1 x SQ-PC (79.3887lm@250mA)



LEDiL Oy C12769_OONA-A_(SQ-EC)_2 Eff.90.7% / LDC (Polar)

Luminaire: LEDiL Oy C12769_OONA-A_(SQ-EC)_2 Eff.90.7%
Lamps: 1 x SQ-EC (62.2331lm@250mA)



cd/klm

η = 91%

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.