



Ordering number C12727_STRADA-SQ-VSM

Family	Strada-SQ	FWHM	154 degrees
Type	Lens	Efficiency	93 %
LED	LUXEON M	cd/Im	0.250
Color	Clear	Gerber File	Available
Diameter	25 x 25 mm		
Height	6.8 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	Ready		



Ordering number CA12891_STRADA-SQ-VSM

Family	Strada-SQ	FWHM	154 degrees
Type	Lens	Efficiency	93 %
LED	LUXEON M	cd/Im	0.250
Color	Clear	Gerber File	Available
Diameter	25 x 25 mm		
Height	6.95 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, tape		
Status	Ready		

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 Strada-SQ series

last update 8/8/2012



GENERAL INFORMATION

- Product series especially designed & optimized for LUXEON M 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>

- Fastening to heat sink with a PU foam adhesive tape of automotive grade. Please find fastening details by clicking link: http://www.ledil.com/datasheets/DataSheet_TAPE.pdf

- 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 tape.

NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.

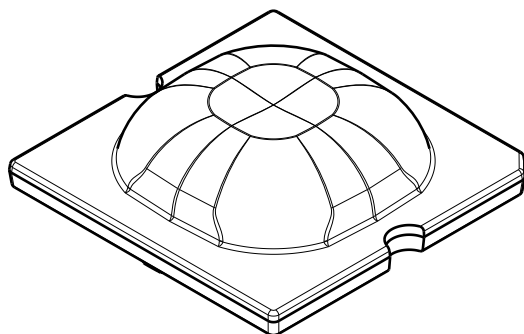
If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer - this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

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.

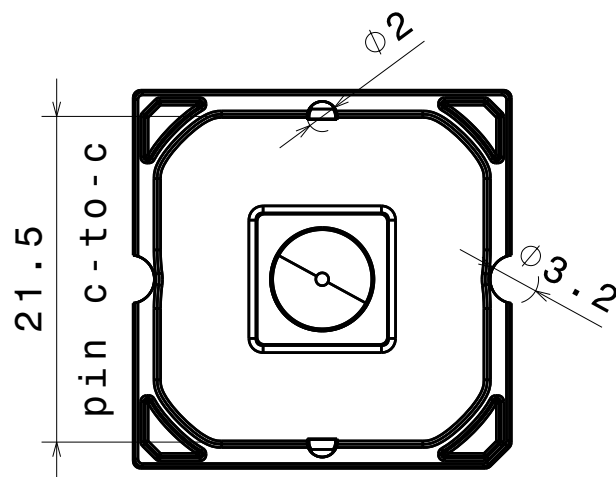
NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the glue.

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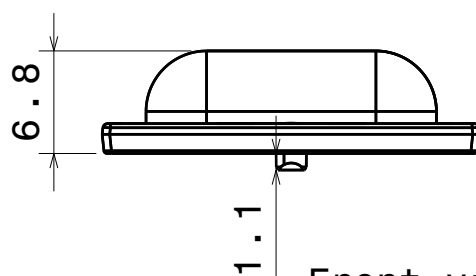
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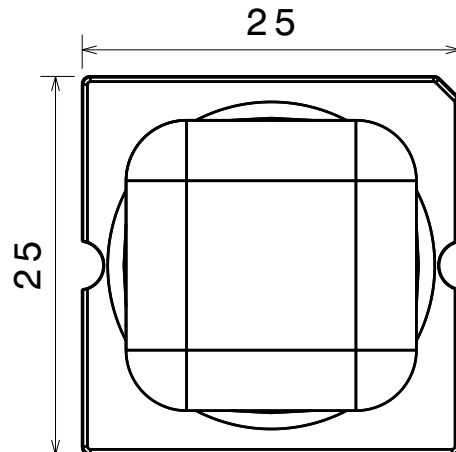
Isometric view



Bottom view
Scale: 2:1



Front view



Top view
Scale: 2:1

Materials:
Lens: PMMA

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It can't be reproduced
or communicated without
our written agreement.



Ledil Oy
Salorankatu 10
FIN 24240 SALO
Finland

DRAWING TITLE

Datasheet STRADA-SQ-VSM

DRAWN BY

ol

DATE

4.5.2012

CHECKED BY

PV

DATE

4.5.2012

DESIGNED BY

OL

DATE

24.4.2012

SIZE

A4

DRAWING NUMBER

C12727

REV

01

SCALE

2:1

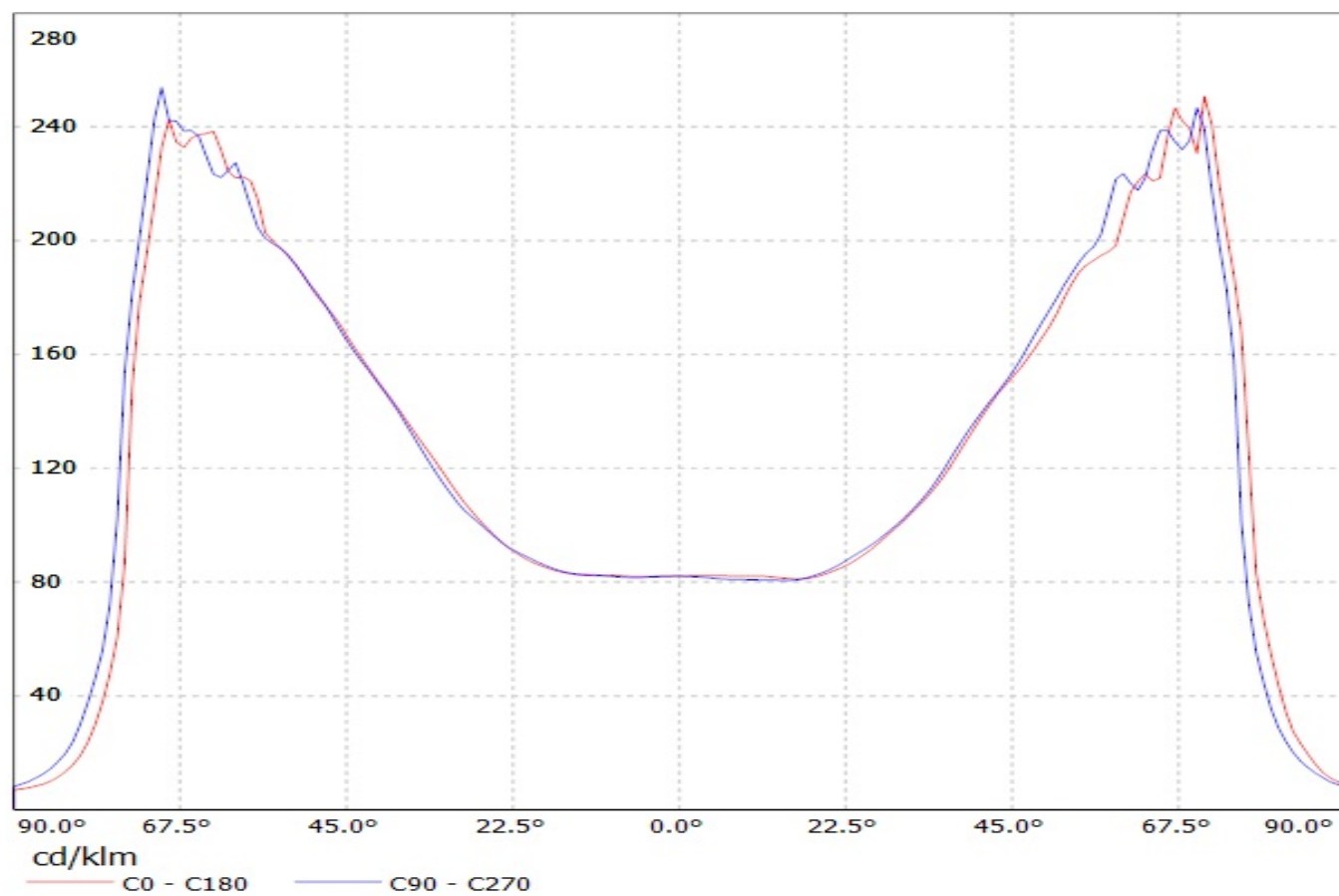
WEIGHT (kg)

0,00

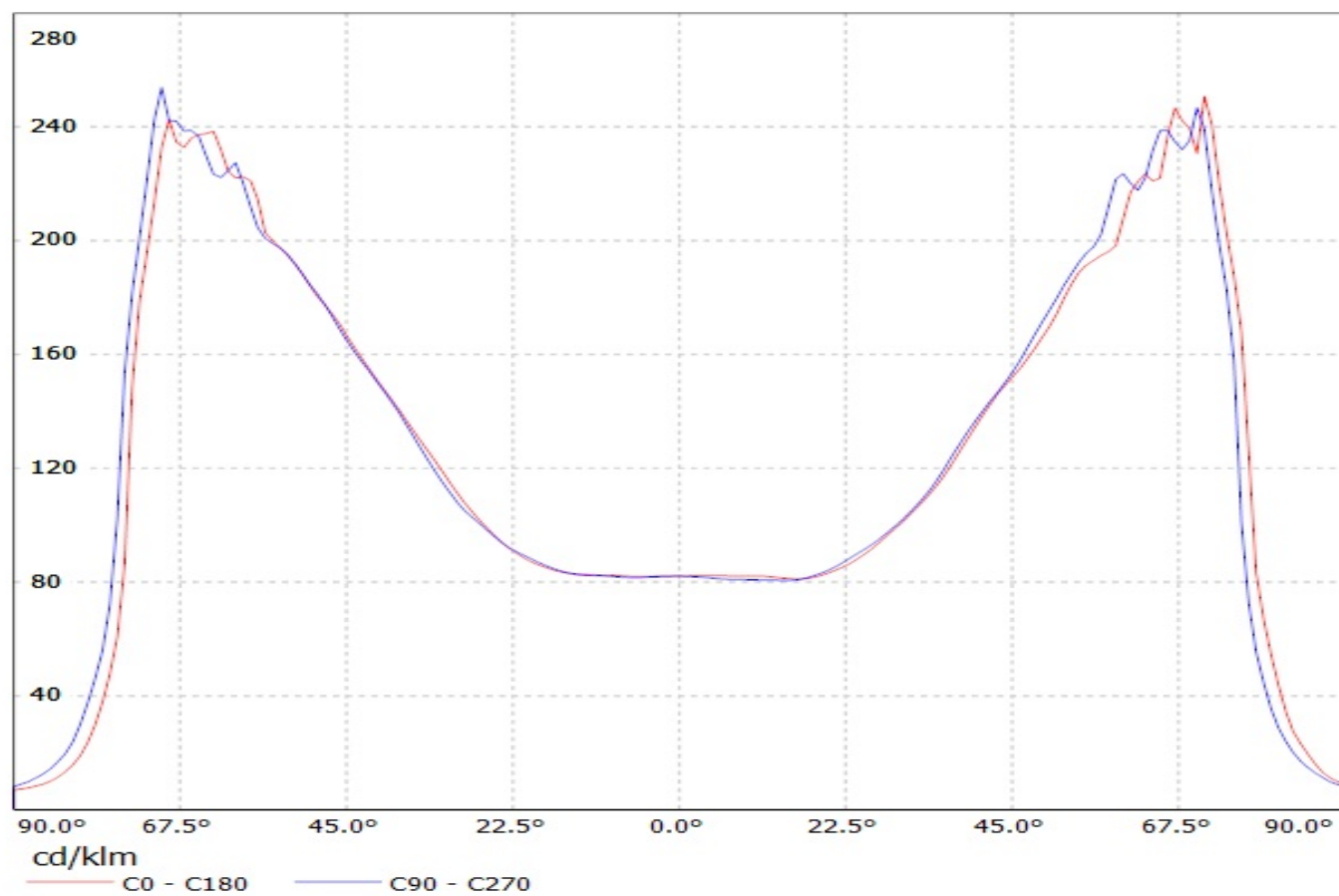
SHEET

1/1

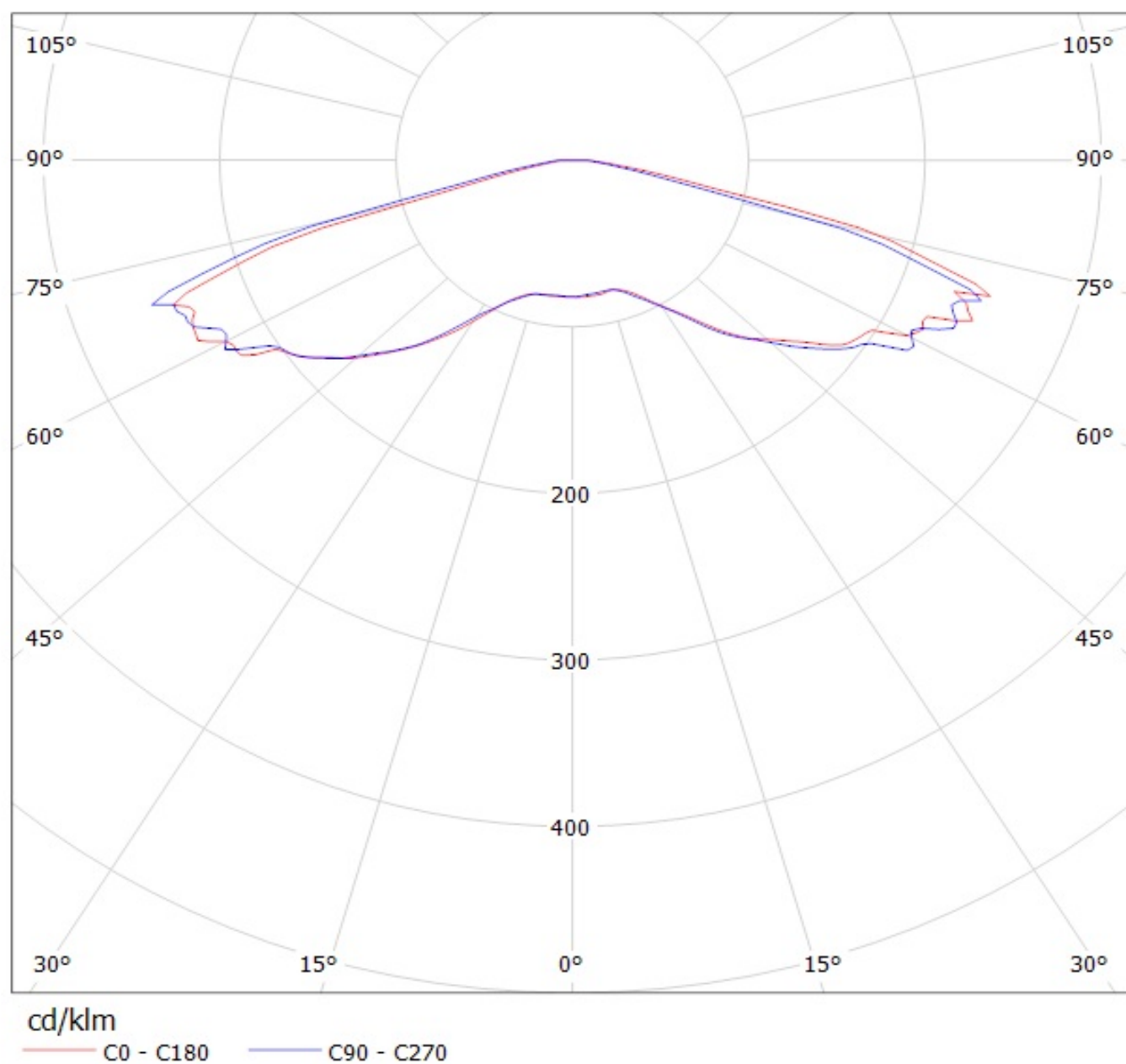
Luminaire: LEDIL OY C12727_STRADA-SQ-VSM (Luxeon M) Efficiency=95%
Lamps: 1 x Luxeon M (360lm@250mA)



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