


Ordering number C11918_STRADA-T-6X1-DNW

Family	Strada-Module	FWHM	Asym degrees
Type	-	Efficiency	93 %
LED	XP-E	cd/lm	0.410
Color	Clear	Gerber File	Available
Diameter	119.8 x 25.2 mm		
Height	5.6 mm		
Style	Rectangular		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
Status	Ready		

Ordering number C12449_STRADA-T-6X1-DWC

Family	Strada-Module	FWHM	Asym degrees
Type	-	Efficiency	93 %
LED	XP-E	cd/lm	0.300
Color	Clear	Gerber File	Available
Diameter	119.8 x 25.2 mm		
Height	5.5 mm		
Style	Rectangular		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
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-Module series

last update 13/7/2012

GENERAL INFORMATION

- Product series especially designed & optimized for XP-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>

- 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.

D

C

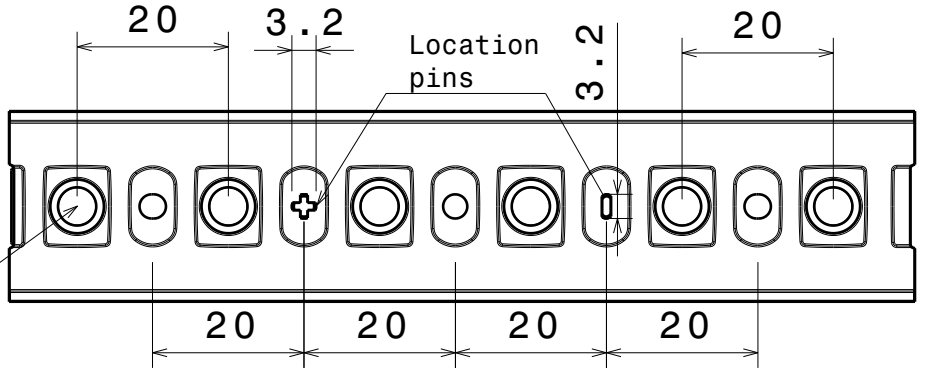
B

A

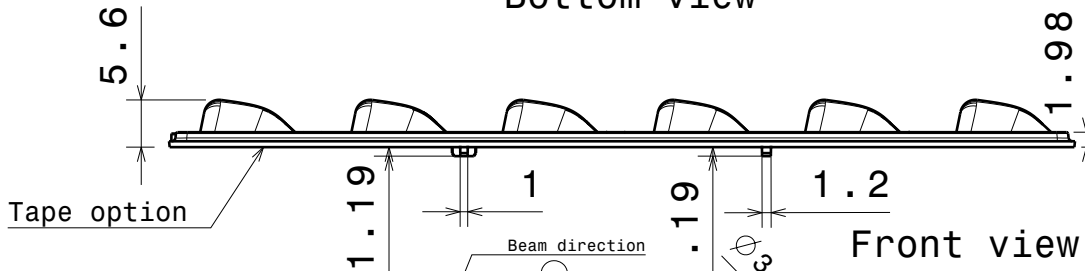
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4

LED in the center of the optic



Bottom view

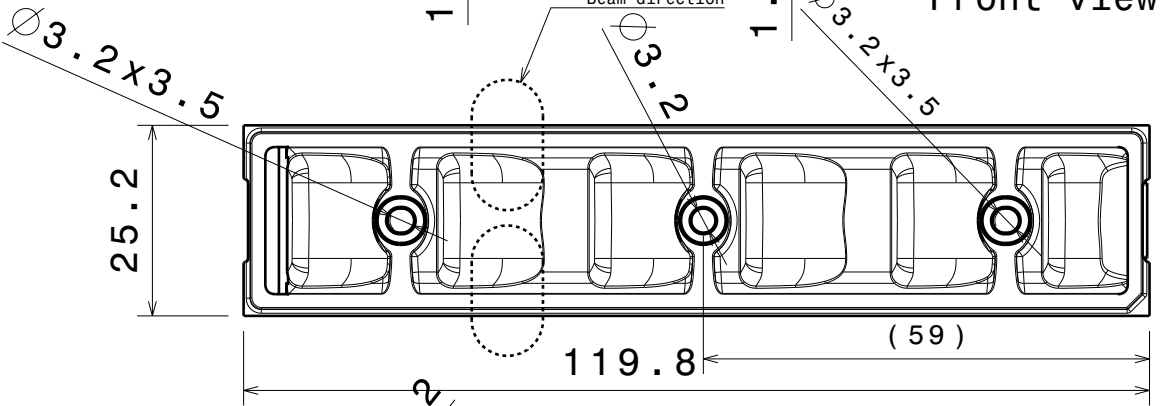


Front view

3

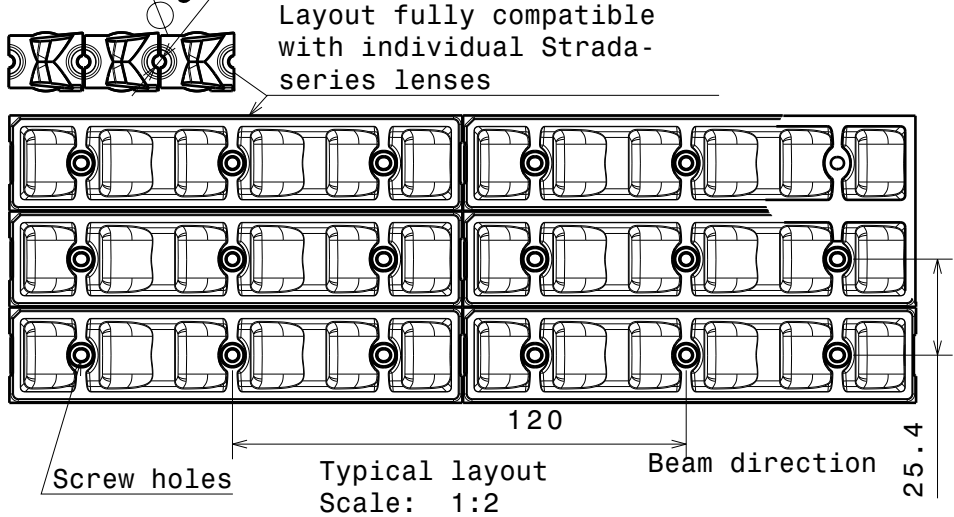
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Note, Ledil Oy won't provide tape or sealing plates for this product.



Materials:
Lens PMMA

Tolerances for dimensions:
 0-20mm tolerance value $\pm 0.1\text{mm}$
 21-45mm tolerance value $\pm 0.2\text{mm}$
 46-90mm tolerance value $\pm 0.3\text{mm}$
 91-100mm tolerance value $\pm 0.4\text{mm}$
 101-mm tolerance value $\pm 0.5\text{mm}$



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Ledil Oy
 Salorankatu 10
 FIN-24100 SALO
 Finland

DRAWING TITLE

Datasheet Strada-T-6x1-DNW Lens

DRAWN BY
pv

DATE
1.11.2012

CHECKED BY
jl

DATE
1.11.2012

SIZE
A4

DRAWING NUMBER
C11918

REV
6

DESIGNED BY
hh

DATE
02.12.2010

SCALE
2:1

WEIGHT (g)

SHEET 1/1

D

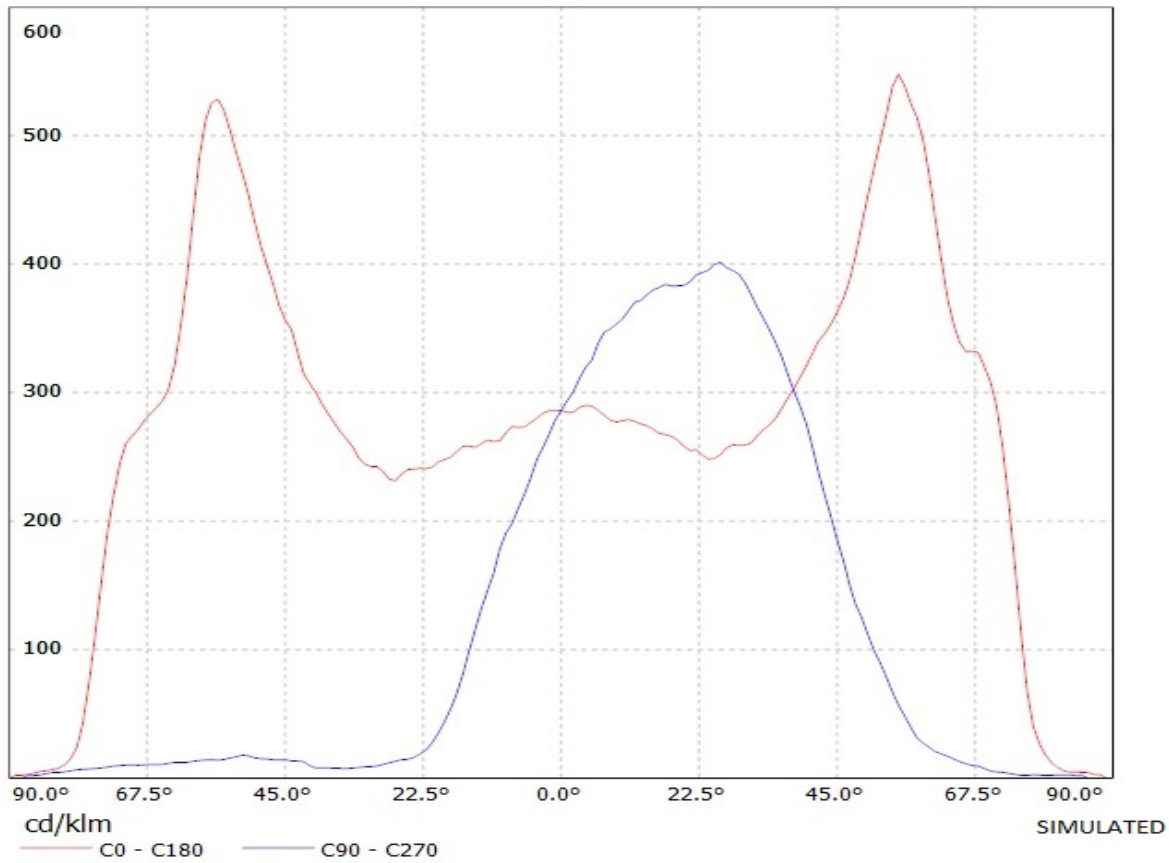
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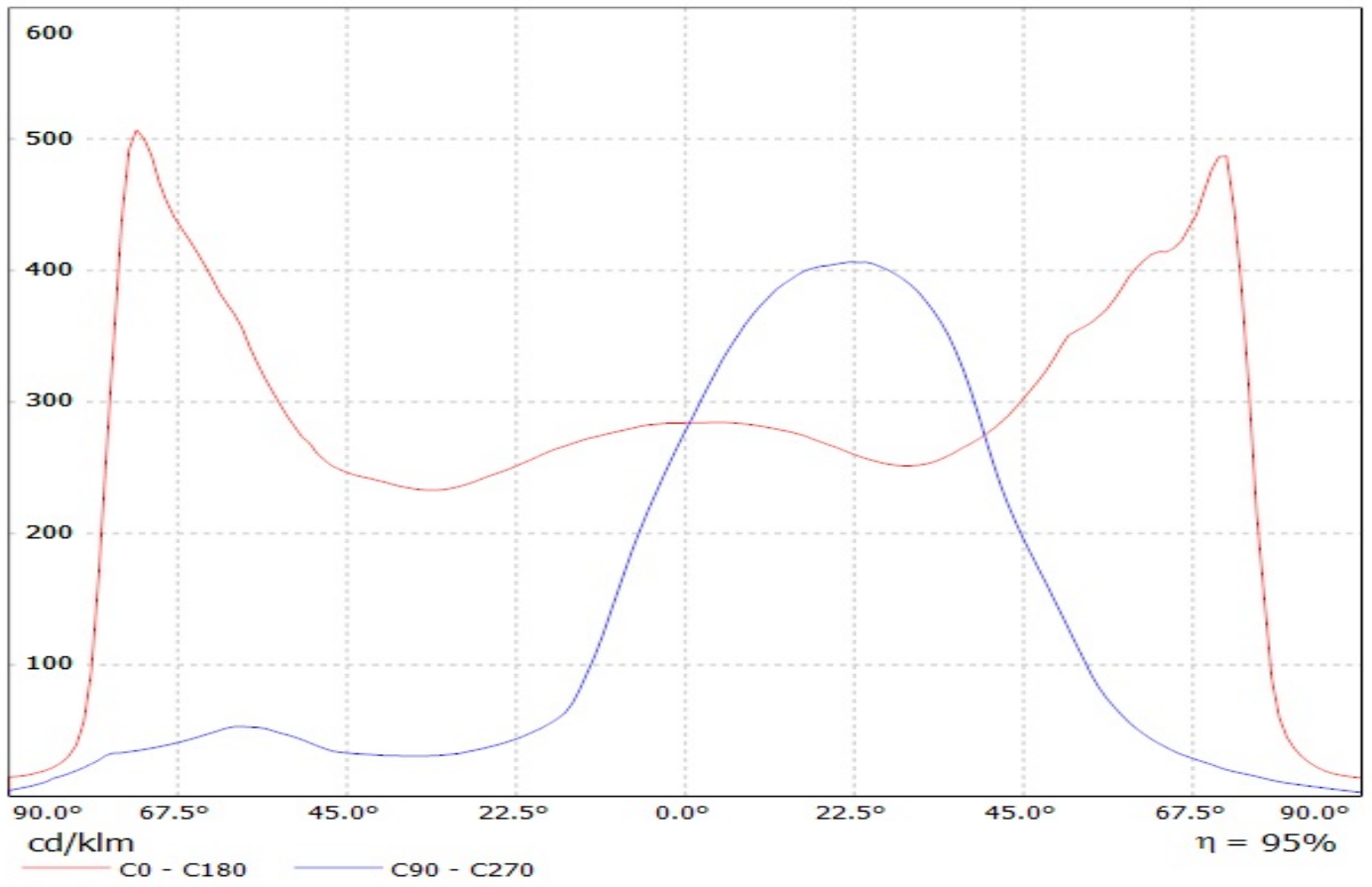
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Ledil Oy C11918_Strada-T-6x1-DNW-XP C11918_Strada-T-6x1-DNW-XP / LDC (Linear)

Luminaire: Ledil Oy C11918_Strada-T-6x1-DNW-XP C11918_Strada-T-6x1-DNW-XP
Lamps: 1 x LED Module

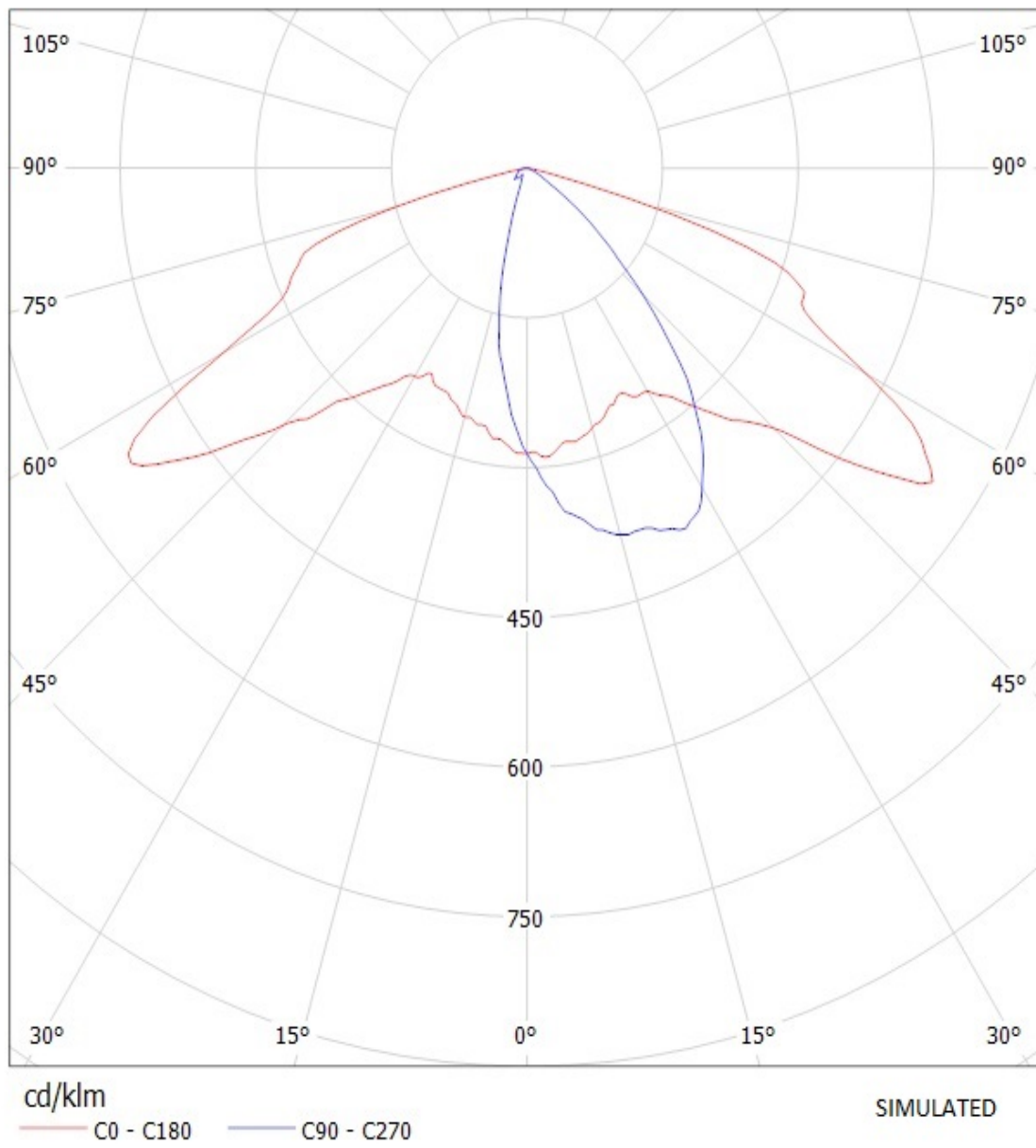


Luminaire: LEDIL OY C12449_STRADA-T-6X1-DWC C12449_STRADA-T-6X1-DWC
Lamps: 1 x Cree XP-E_6x1 (391lm) - 4.50 W



Ledil Oy C11918_Strada-T-6x1-DNW-XP C11918_Strada-T-6x1-DNW-XP / LDC (Polar)

Luminaire: Ledil Oy C11918_Strada-T-6x1-DNW-XP C11918_Strada-T-6x1-DNW-XP
Lamps: 1 x LED Module



Luminaire: LEDIL OY C12449_STRADA-T-6X1-DWC C12449_STRADA-T-6X1-DWC
Lamps: 1 x Cree XP-E_6x1 (391lm) - 4.50 W

