

**Ordering number** **C12049**  
**Description** **C12049-Strada-FT-XP**

Family	Strada-Forward	FWHM	Asym degrees
Type	Lens	Efficiency	92 %
LED	XP-E	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	15.4 x 19.6 mm		
Height	8.2 mm		
Style	Rectangular	<a href="http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Through">http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Through</a>	
Optic Material	PMMA		
Holder Material	-		
Fastening	Glue		
Status	Ready		

**Ordering number** **CA12050**  
**Description** **CA12050-Strada-FT-Tape-XP**

Family	Strada-Forward	FWHM	Asym degrees
Type	Lens	Efficiency	92 %
LED	XP-E	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	15.4 x 19.6 mm		
Height	8.3 mm		
Style	Rectangular	<a href="http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Through">http://www.ledil.fi/Strada-F_Fully_Asymmetrical_Forward_Through</a>	
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape		
Status	Ready		

lence will be changed by different color, chip size and chip position  
 l divergence is the full angle measured where the luminous intensity

### 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%208N%20UL94\\_Yellow%20Card.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%20UL94_Yellow%20Card.pdf)  
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%208N%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](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](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.**

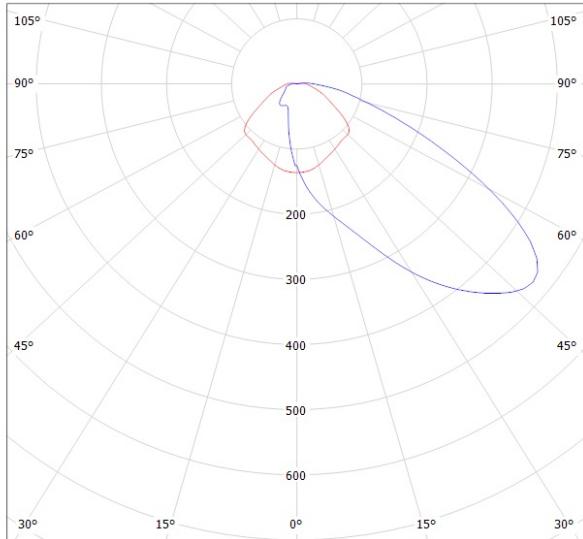
**NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the glue.**

**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.**

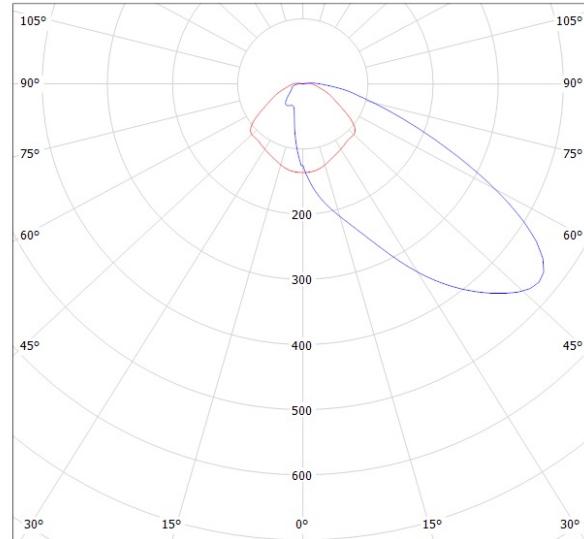
### C12049

Luminaire: Ledil Oy C12049\_Strada-FT-XP C12049\_Strada-FT-XP  
Lamps: 1 x Cree XP-E



### CA12050

Luminaire: Ledil Oy C12049\_Strada-FT-XP C12049\_Strada-FT-XP  
Lamps: 1 x Cree XP-E

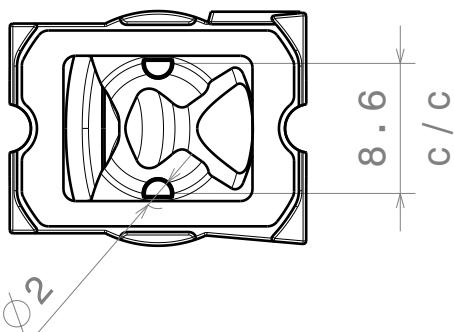
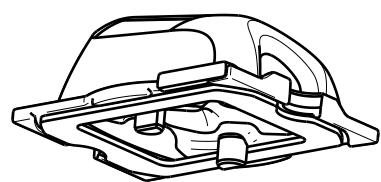


D

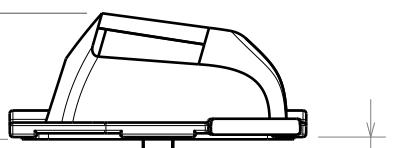
C

B

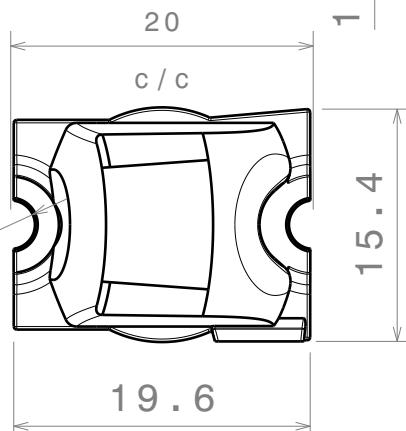
A



4  
Without tape  
8.2  
8.3



1.2



∅ 3.2

19.6

15.4

20  
c / c

**MATERIALS**

Lens: PMMA

Tape(optional): PU Foam

This drawing is our property.  
It can't be reproduced  
or communicated without  
our written agreement.



DRAWING TITLE

Ledil Oy  
Salorankatu 10  
24240 SALO  
Finland

1

DRAWN BY  
pv

DATE  
8.6.2011

Datasheet Strada-FT-Tape series assy

1  
REV

CHECKED BY  
mav

DATE  
23.05.2011

SIZE  
A4

DRAWING NUMBER

DESIGNED BY  
hh

DATE  
15.3.2011

SCALE  
2:1

WEIGHT(g)

1/1

D

A

4

3

2

1