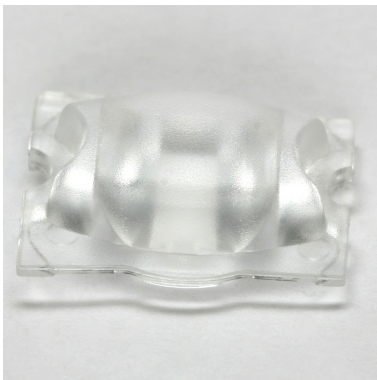


<b>Ordering number</b>	<b>C10949</b>		
<b>Description</b>	<b>C10949_Strada-B2-RE</b>		
Family	Strada-B2	FWHM	108+46 degrees
Type	Lens	Efficiency	92 %
LED	Luxeon-Rebel	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	19.6 + 15.4 mm		
Height	5.4 mm		
Style	Rectangular		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin		
Status	Ready		



<b>Ordering number</b>	<b>CA10950</b>		
<b>Description</b>	<b>CA10950_Strada-B2-RE-tape</b>		
Family	Strada-B2	FWHM	108+46 degrees
Type	Lens	Efficiency	92 %
LED	Luxeon-Rebel	cd/lm	-
Color	Transparent	Gerber File	Available
Diameter	20 mm		
Height	5.4 mm		
Style	Rectangular		
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape, pin, screw		
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-B2 series

PHILIPS  
LUMILEDS

### GENERAL INFORMATION

- Product series especially designed & optimized for Luxeon-Rebel 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%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](http://www.ledil.com/datasheets/DataSheet_TAPE.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.**

D

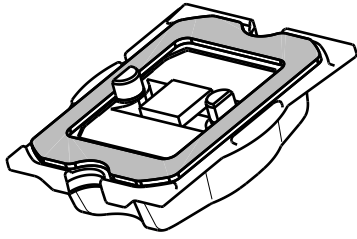
C

B

A

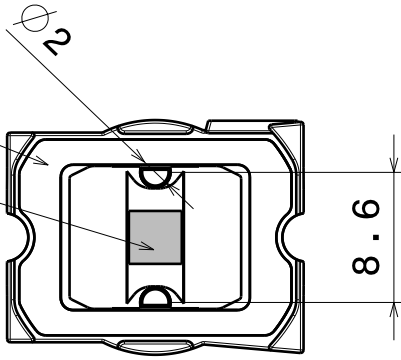
4

4



Tape

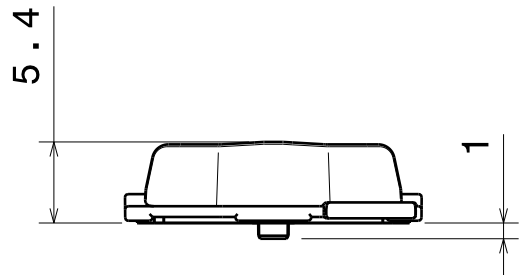
Led



Bottom view

3

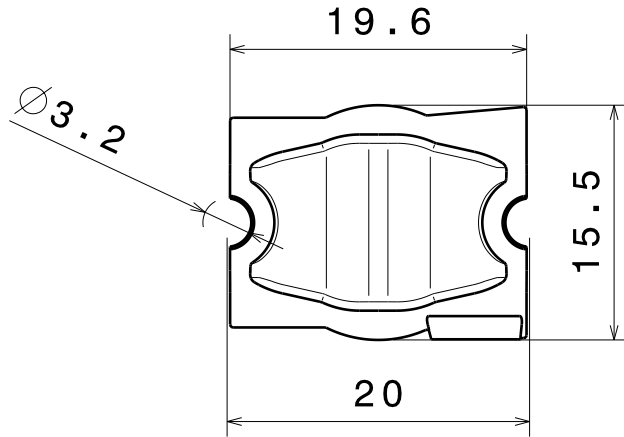
3



Front view

2

2



Top view

fastening

MATERIALS  
 Lens: PMMA  
 Tape: PU Foam

Part no. without tape fastening: C10949

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 or communicated without  
 our written agreement.



Ledil Oy  
 Tehdaskatu 13  
 FIN-24100 SALO  
 Finland

DRAWING TITLE

Datasheet Strada-B2-XP Assy

DRAWN BY

DATE

pv

13.08.2009

CHECKED BY

DATE

tk

12.06.2009

SIZE

A4

DRAWING NUMBER

CA10950

REV

0.1

DESIGNED BY

DATE

hh

12.06.2009

SCALE

2:1

WEIGHT (g)

SHEET

1/1

D

A

1

1