

**Ordering number FA11908\_CXM-SS**

Family	Rose	FWHM	13 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	XM-L EZW	cd/lm	-
Color	White	Gerber File	Available
Diameter	21.6 + 21.6 mm		
Height	12.9 mm		
Style	Square		
Optic Material	PC		
Holder Material	PC		
Fastening	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 Rose series

last update 13/11/2012

### GENERAL INFORMATION

- Product series especially designed & optimized for XM-L EZW series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PC with high UV and temperature resistance (120 degrees of Celcius / 248 degrees of Fahrenheit). Allows use of high current and temperature conditions.

Please find more information about used materials from below:

[http://ledil.fi/sites/default/files/Documents/Technical/Material/PC%20Makrolon%202400\\_2407\\_2456\\_2458-UL.pdf](http://ledil.fi/sites/default/files/Documents/Technical/Material/PC%20Makrolon%202400_2407_2456_2458-UL.pdf)

- Optic holder molded by high quality PC material (120 dergees of Celcius / 248 degrees of Fahrenheit).
- 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)

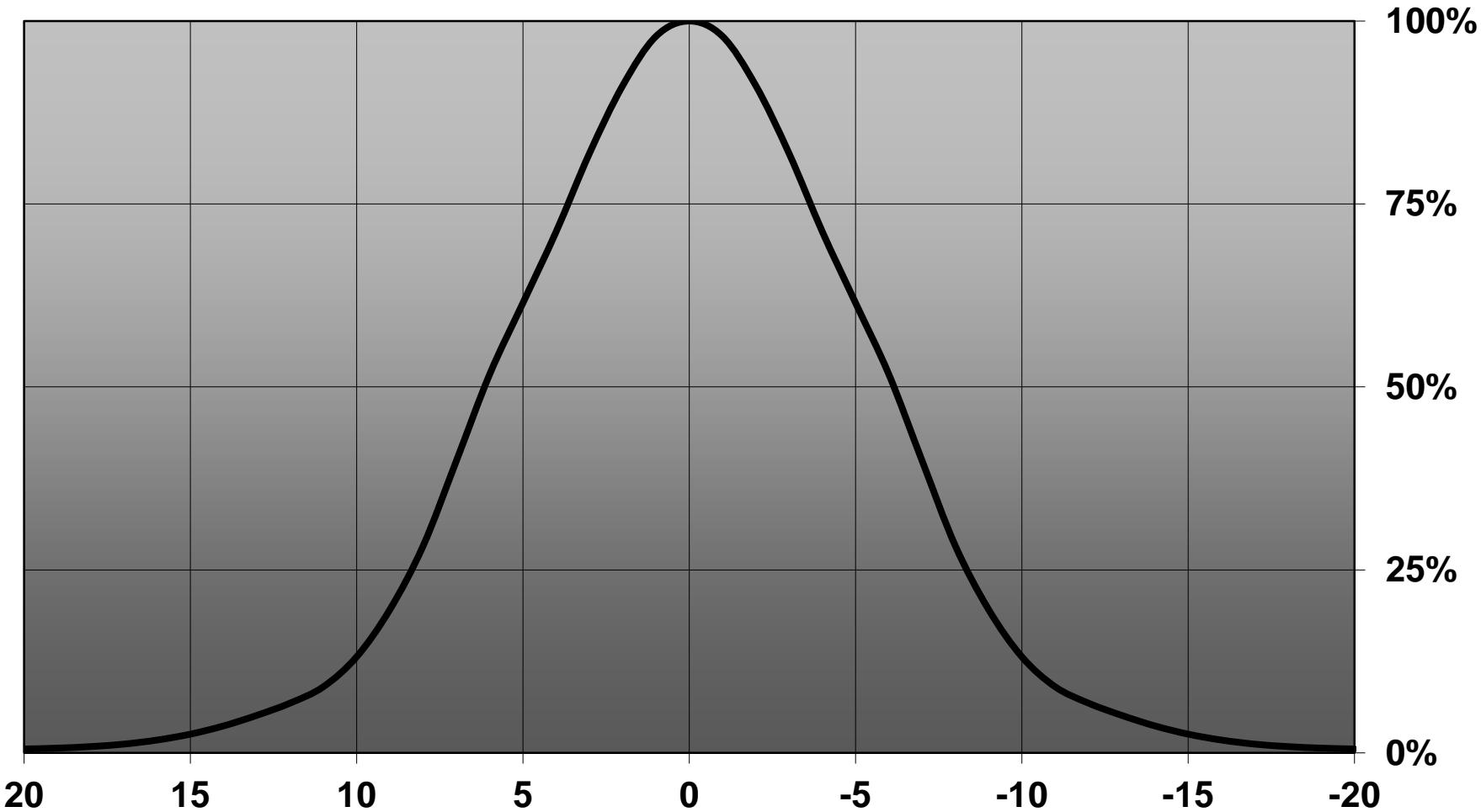
**NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.**

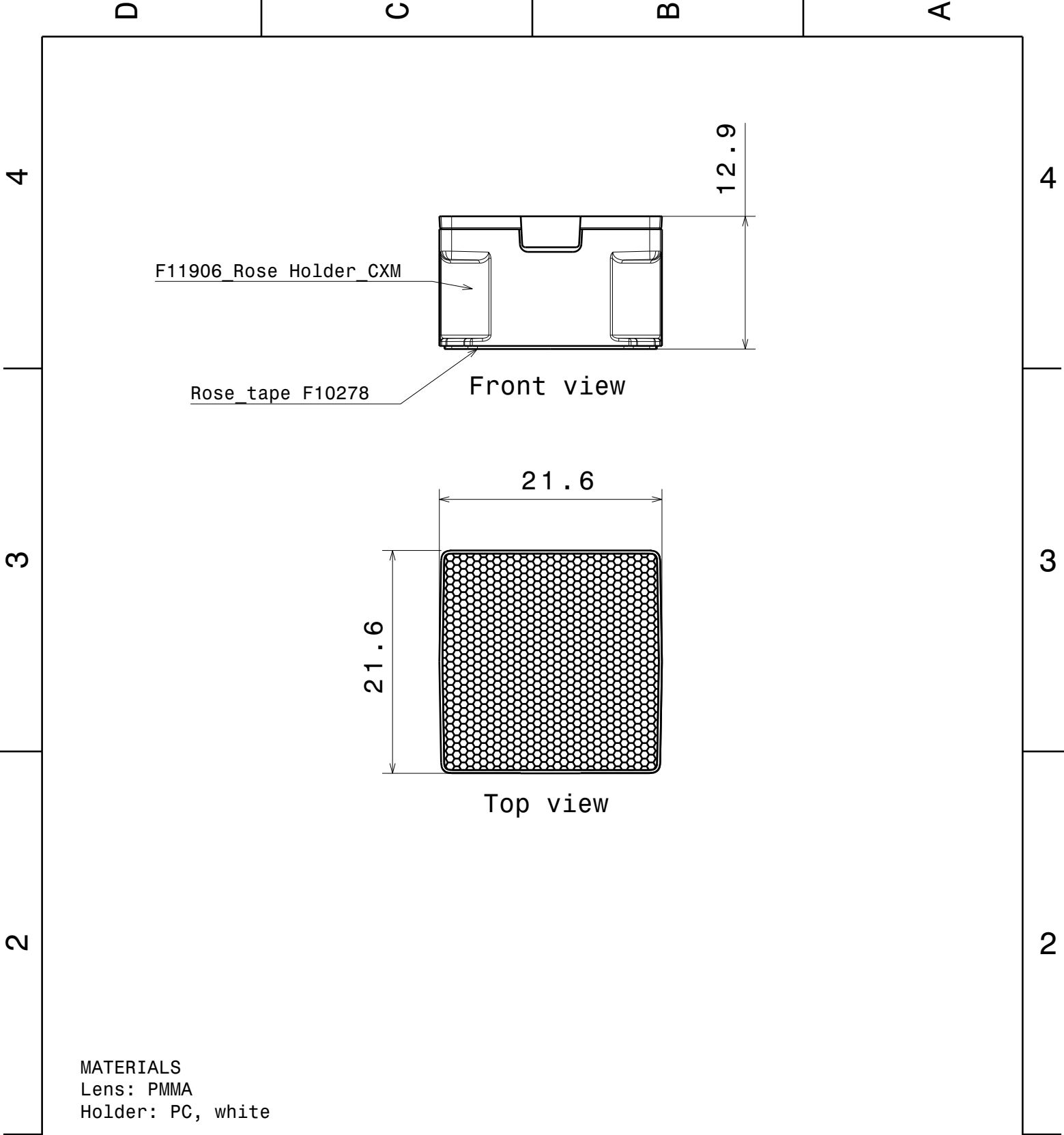
**NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.**

**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.**

Relative intensity of FA11908\_CXM-EZW\_SS





MATERIALS  
 Lens: PMMA  
 Holder: PC, white

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



L  
T  
F  
F

e  
e  
i  
i  
N  
n

d

DRAWING TITLE

Datasheet Rose CXM-series assy

DRAWN BY  
a

DATE  
17.2.2012

CHECKED BY  
t k

DATE  
30.12.2010

SIZE  
A4

DRAWING NUMBER  
CXM

REV  
0.3

DESIGNED BY  
hh

DATE  
30.12.2010

SCALE

2:1

WEIGHT (g)

-

SHEET

1/1

D

A