


Ordering number CA13013_SIRI-DOME

Family	Siri	FWHM	148 degrees
Type	Assembly	Efficiency	97 %
LED	XT-E	cd/lm	0.240
Color	Clear	Gerber File	Available
Diameter	13.9 + 13.9 mm		
Height	5.3 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Pin, tape		
Status	Ready		

Ordering number CA13014_SIRI-DIFF

Family	Siri	FWHM	148 degrees
Type	Assembly	Efficiency	95 %
LED	XT-E	cd/lm	0.230
Color	Clear	Gerber File	Available
Diameter	13.9 + 13.9 mm		
Height	5.3 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
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

Siri series

last update 15/2/2013

GENERAL INFORMATION

- Product series especially designed & optimized for XT-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. 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

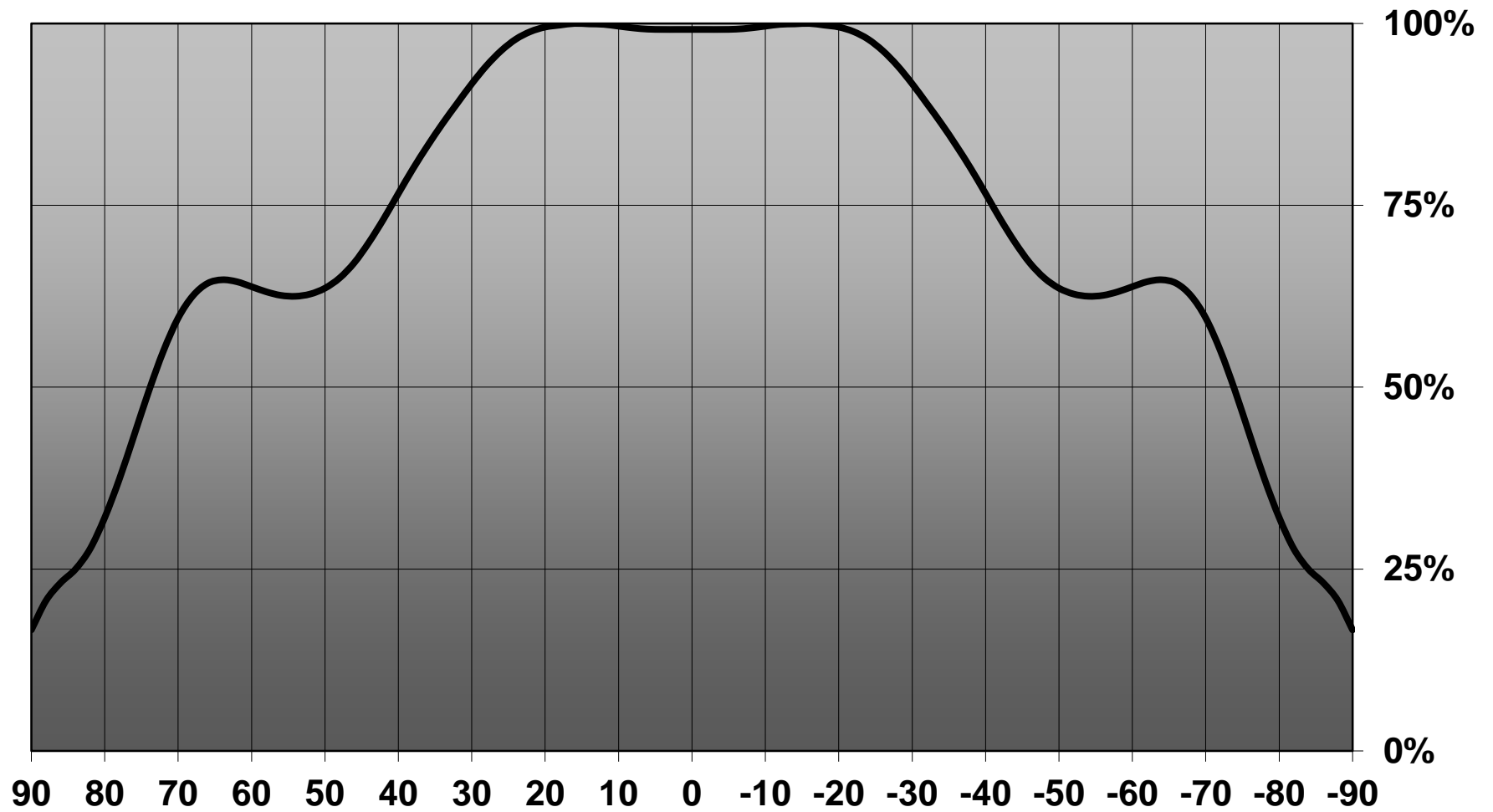
NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the tape.

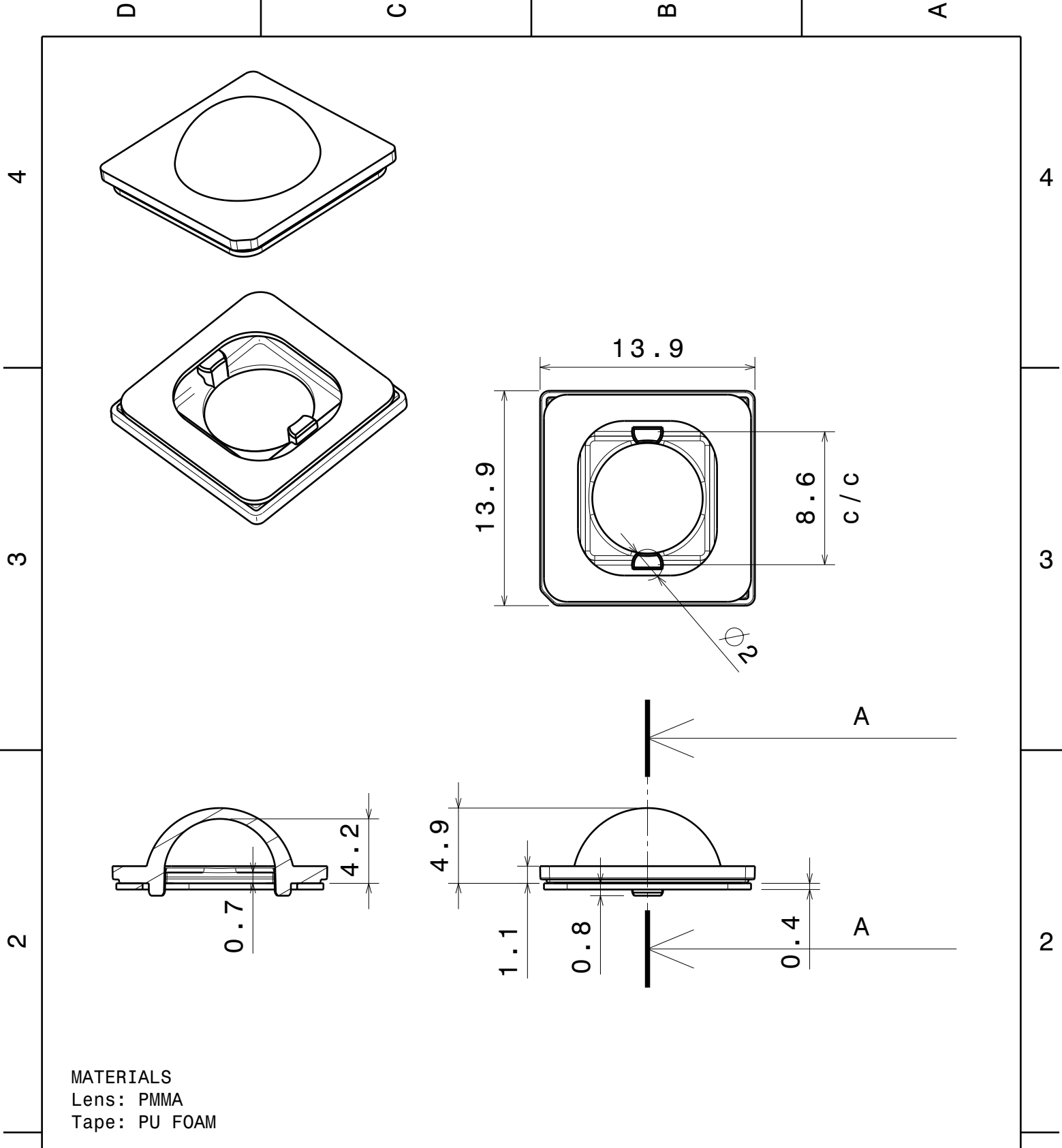
NOTE 2: Assembly to the surface must be made straight, so the tape bonds constant and balanced with fastening surface. Slanted assembly might cause unbalanced bond to the surface. All surfaces where tape is applied must be clean, dry and free from grease and dirt.

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 CA13014_SIRI-DIFF_(XT-E)





MATERIALS
 Lens: PMMA
 Tape: PU FOAM

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DRAWING TITLE

Datasheet SIRI-DOME/-DIFF assy

DRAWN BY as	DATE 23.07.2012
CHECKED BY ol	DATE 23.07.2012
DESIGNED BY pv	DATE 23.11.2011

SIZE A4	PART NUMBER	REV 001
SCALE 1:1	WEIGHT	SHEET 1/1

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