

**Ordering number CA10325\_ROCKET-O**

Family	Rocket-(sputnik)	FWHM	6+40 degrees
Type	Assembly	Efficiency	86 %
LED	XR-E	cd/Im	-
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	15.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape		
Status	Ready		

**Ordering number CA10324\_ROCKET-SS**

Family	Rocket-(sputnik)	FWHM	8 degrees
Type	Assembly	Efficiency	89 %
LED	XR-E	cd/Im	-
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	15.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape		
Status	Ready		

**Ordering number CA10540\_ROCKET-O-C**

Family	Rocket-(sputnik)	FWHM	8+34 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	XR-E	cd/Im	-
Color	Metal	Gerber File	Available
Diameter	26 mm		
Height	15.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape		
Status	Ready		

**Ordering number CA10541\_ROCKET-SS-C**

Family	Rocket-(sputnik)	FWHM	10 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	XR-E	cd/Im	-
Color	Metal	Gerber File	Available
Diameter	26 mm		
Height	15.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	Tape		
Status	Ready		

**Ordering number CA10250\_ROCKET-M**

Family	Rocket-(sputnik)	FWHM	26 degrees
Type	Assembly	Efficiency	87 %
LED	XR-E	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	26 mm		
Height	15.1 mm		
Style	Round		
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 Rocket-(sputnik) series

last update 19/12/2012

### GENERAL INFORMATION

- Product series especially designed & optimized for XR-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%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.**

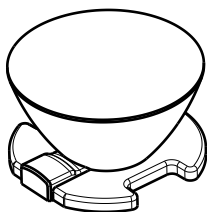
**Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.**

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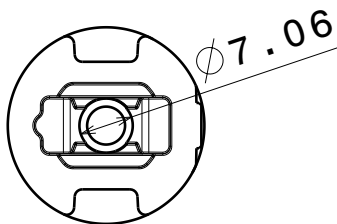
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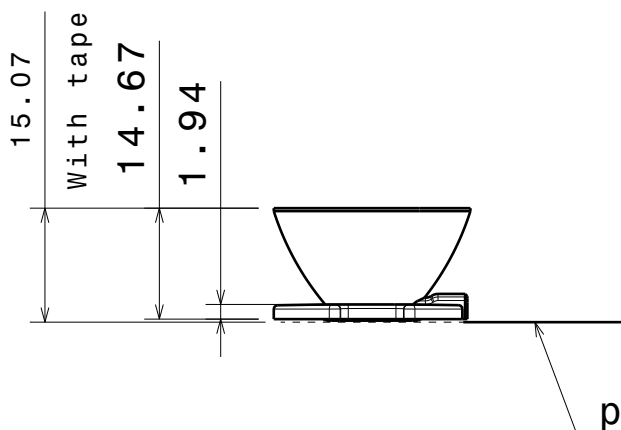
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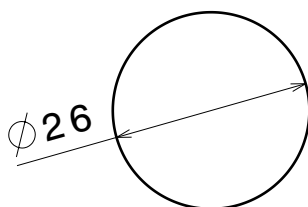
Isometric view



Bottom view



Front view



Top view

Material:  
lens PMMA  
tape PU foam

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DRAWING TITLE

Datasheet Rocket Lens

DRAWN BY

DATE

16.02.2009

CHECKED BY

DATE

18.03.2008

DESIGNED BY

DATE

18.03.2008

SIZE

A4

DRAWING NUMBER

REV

0.2

SCALE

1 : 1

WEIGHT (g)

SHEET

1 / 1

D

A