**Ordering number C11518\_LOTTA-A**

Family	Lotta-A	FWHM	168 degrees
Type	Lens	Efficiency	88 %
LED	LUXEON Rebel	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	19.6+15.4 mm		
Height	3.65 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, tape		
Status	Ready		

**Ordering number CA11519\_LOTTA-A**

Family	Lotta-A	FWHM	168 degrees
Type	Assembly	Efficiency	81 %
LED	LUXEON Rebel	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	19.6+15.4 mm		
Height	3.8 mm		
Style	Rectang		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, 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

### Lotta-A series

last update 28/12/2012

PHILIPS  
LUMILEDS

#### GENERAL INFORMATION

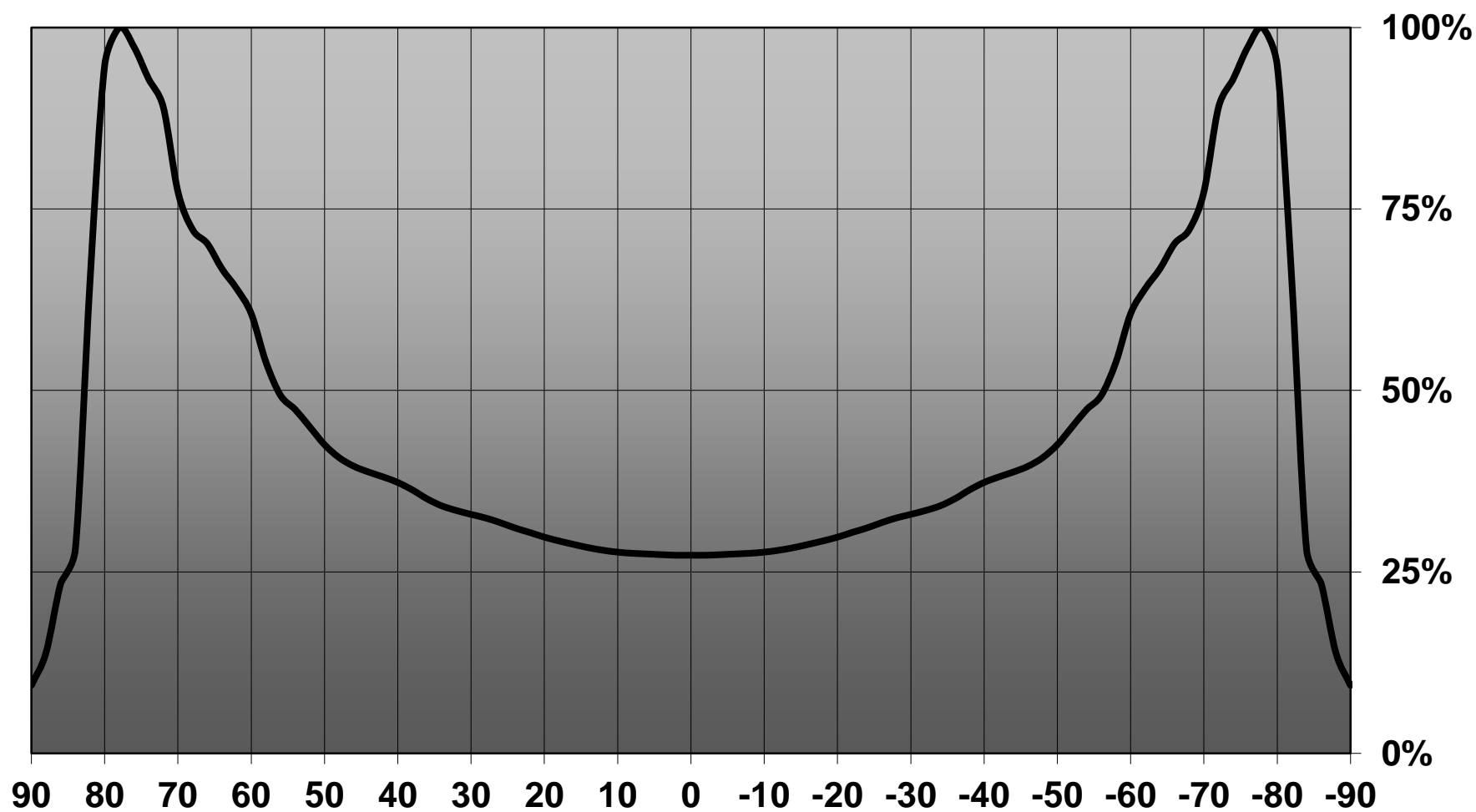
- Product series especially designed & optimized for LUXEON Rebel series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

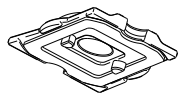
Please find more information about used material from below:

[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)

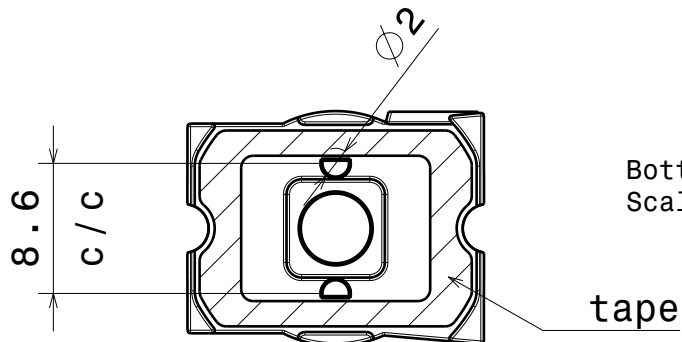
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

Relative intensity of CA11519\_Lotta-A-RE-tape



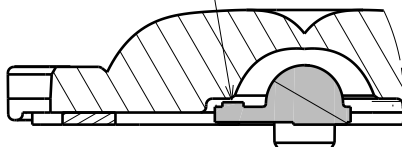


Isometric view  
Scale: 1:1

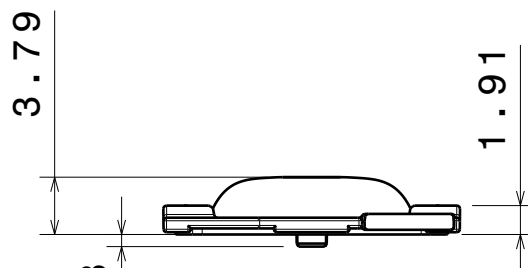


Bottom view  
Scale: 2:1

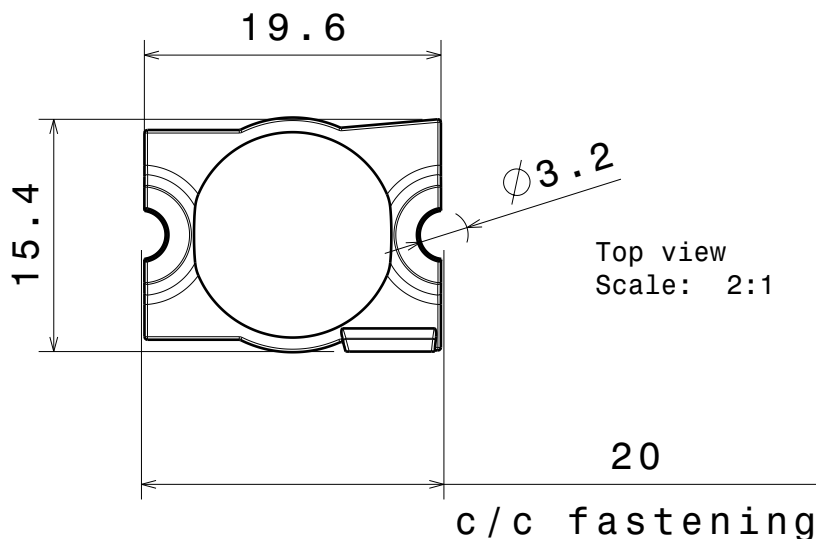
Fail diode  
in Rebel-ES



Section view  
with Rebel-ES



Front view  
Scale: 2:1



Top view  
Scale: 2:1

Material: PMMA

Part no. lens only:  
C11518\_Lotta-A-RE (height: -0.15mm)

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LEDIL

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DRAWING TITLE

Datasheet Lotta-A-RE-tape Assy

DRAWN BY

p

DATE

29.04.2011

CHECKED BY

s

n

DATE

01.09.2010

DESIGNED BY

ol

DATE

23.06.2010

SIZE

A4

DRAWING NUMBER

CA11519

REV

2

SCALE

2:1

WEIGHT (g)

SHEET

1/1

D

A