


**Ordering number CA12057\_EVA-D**

Family	Eva	FWHM	(simulated) 18
Type	Assembly	Efficiency	(simulated) 93 %
LED	XM-L EZW	cd/lm	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, tape		
Status	Ready		


**Ordering number CA12058\_EVA-M**

Family	Eva	FWHM	(simulated) 26
Type	Assembly	Efficiency	(simulated) 92 %
LED	XM-L EZW	cd/lm	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, tape		
Status	Ready		


**Ordering number CA12059\_EVA-W**

Family	Eva	FWHM	(simulated) 43
Type	Assembly	Efficiency	(simulated) 83 %
LED	XM-L EZW	cd/lm	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, tape		
Status	Ready		


**Ordering number CA12060\_EVA-WW**

Family	Eva	FWHM	(simulated) 75
Type	Assembly	Efficiency	(simulated) 92 %
LED	XM-L EZW	cd/lm	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Screw, tape		
Status	Ready		



## PRODUCT DATASHEET

### Eva series

last update 20/12/2012

**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 Eva series

last update 20/12/2012

### 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 PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

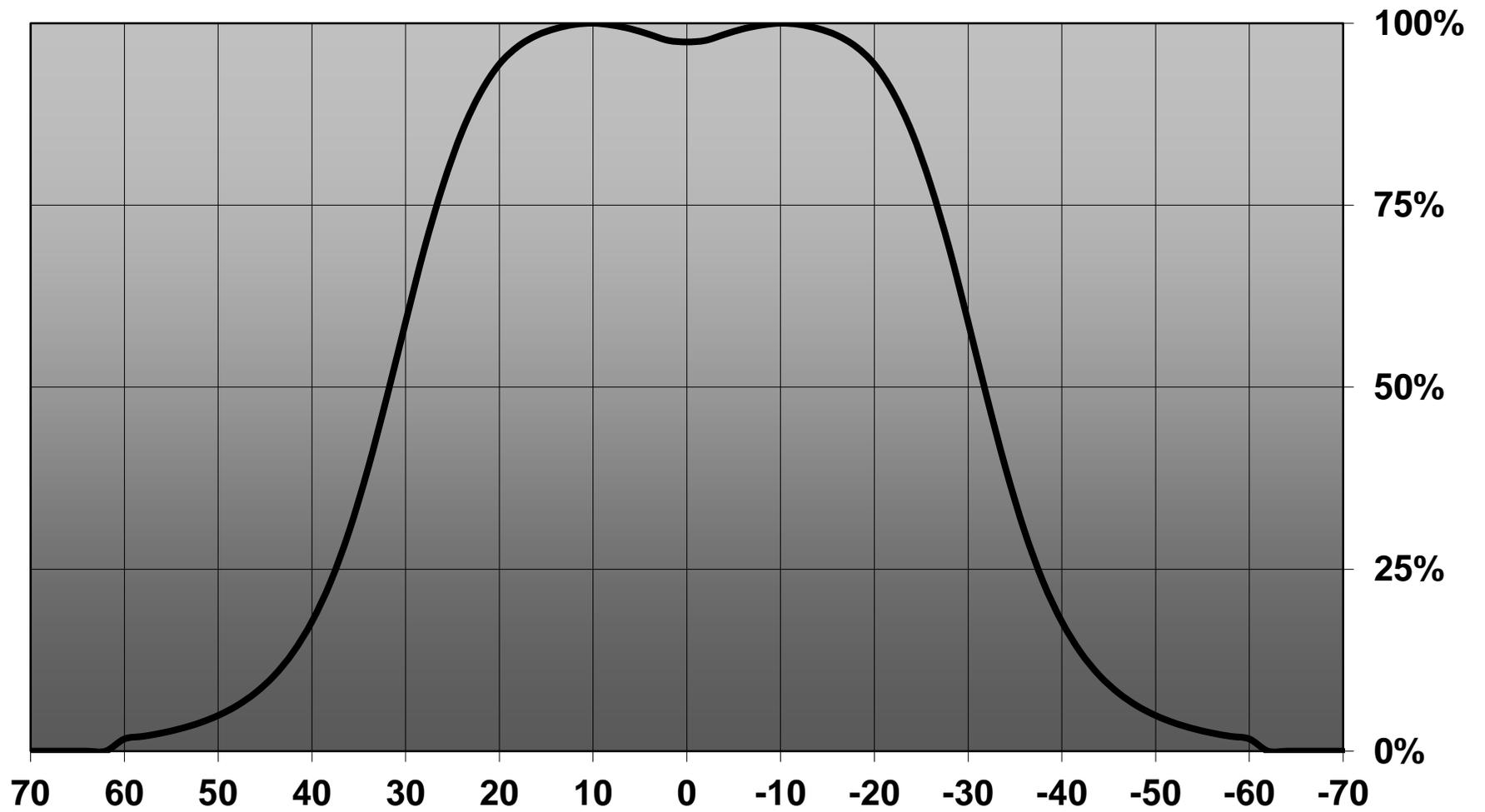
Please find more information about used material from below:

[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>

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

Relative intensity of CA12060\_Eva-WW-XM-Tape



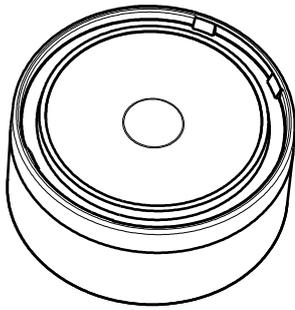
D

C

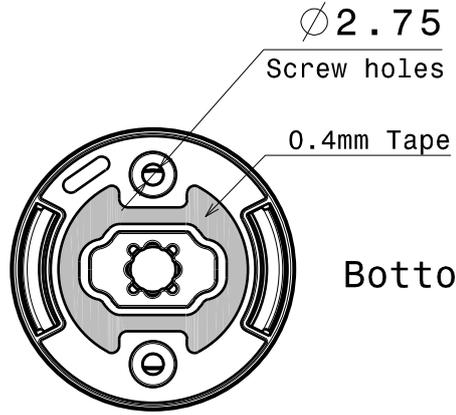
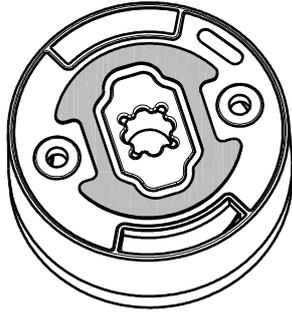
B

A

4

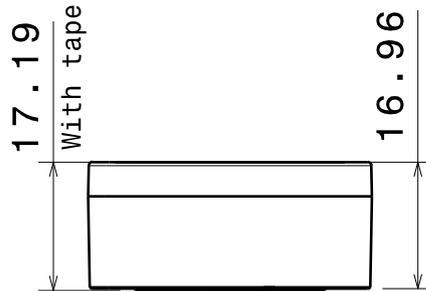


Isometric view



Bottom view

3

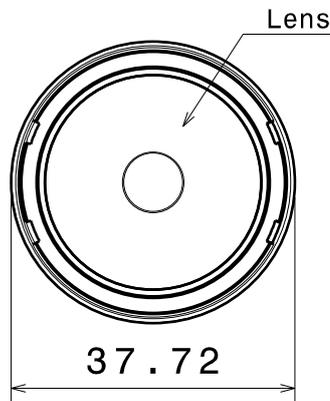


Front view

2

Part No.s:  
 CA12055\_Eva-S-XM-Tape  
 CA12057\_Eva-D-XM-Tape  
 CA12058\_Eva-M-XM-Tape  
 CA12059\_Eva-W-XM-Tape  
 CA12060\_Eva-WW-XM-Tape

Materials:  
 Lens PMMA  
 Holder PC



Top view

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Ledil Oy  
 Tehdaskatu 13  
 FIN-24100 SALO  
 Finland

DRAWING TITLE

Datasheet Eva\_XM-Series Assembly

DRAWN BY  
mav

DATE  
23.02.2011

CHECKED BY  
sn

DATE  
23.02.2011

SIZE  
A4

DRAWING NUMBER  
Multiple

REV  
1.0

DESIGNED BY  
pl

DATE  
17.02.2011

SCALE 2:1 WEIGHT (g)

SHEET 1/1

D

A

1