

**Ordering number CA12057_EVA-D**

Family	Eva	FWHM	(simulated) 18
Type	Assembly	Efficiency	(simulated) 93 %
LED	XM-L EZW	cd/Im	-
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/Im	-
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/Im	-
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/Im	-
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.

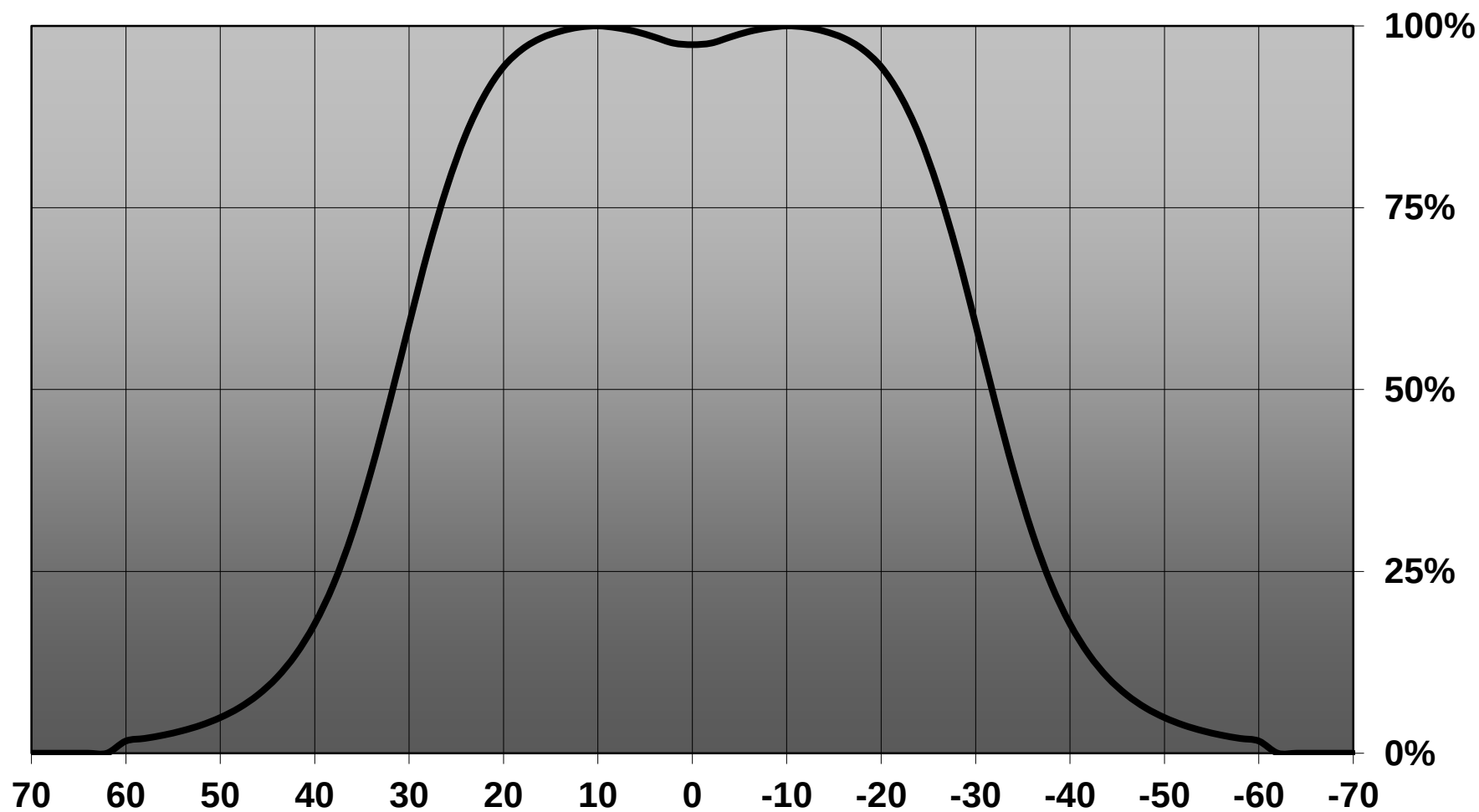
Please find more information about used material from below:

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%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

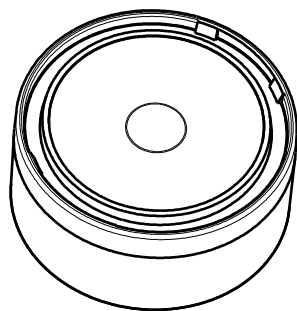
4

3

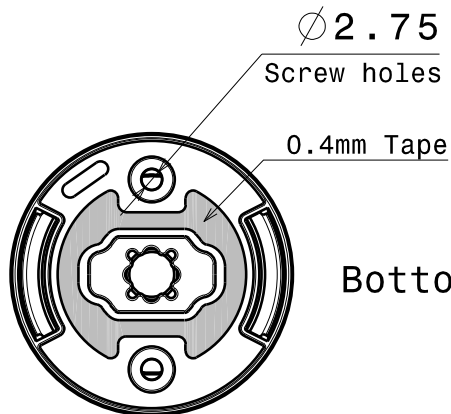
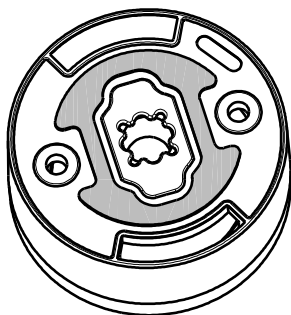
2

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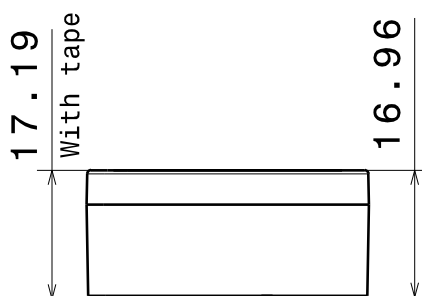
1



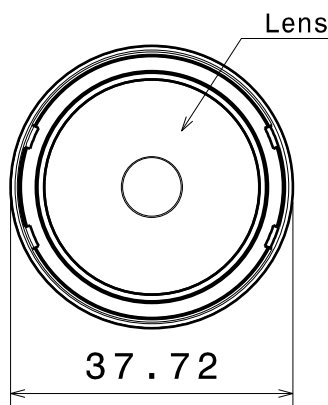
Isometric view



Bottom view



Front view



Top view

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

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LEDIL

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