


Ordering number CA12055_EVA-S

Family	Eva	FWHM	12 degrees
Type	Assembly	Efficiency	93 %
LED	XM-L2	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 CA12057_EVA-D

Family	Eva	FWHM	17 degrees
Type	Assembly	Efficiency	88 %
LED	XM-L2	cd/lm	-
Color	Black	Gerber File	Available
Diameter	37.7 mm		
Height	17.2 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Tape, screw		
Status	Ready		


Ordering number CA12058_EVA-M

Family	Eva	FWHM	24 degrees
Type	Assembly	Efficiency	88 %
LED	XM-L2	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	38 degrees
Type	Assembly	Efficiency	83 %
LED	XM-L2	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	63 degrees
Type	Assembly	Efficiency	77 %
LED	XM-L2	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		

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-L2 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.

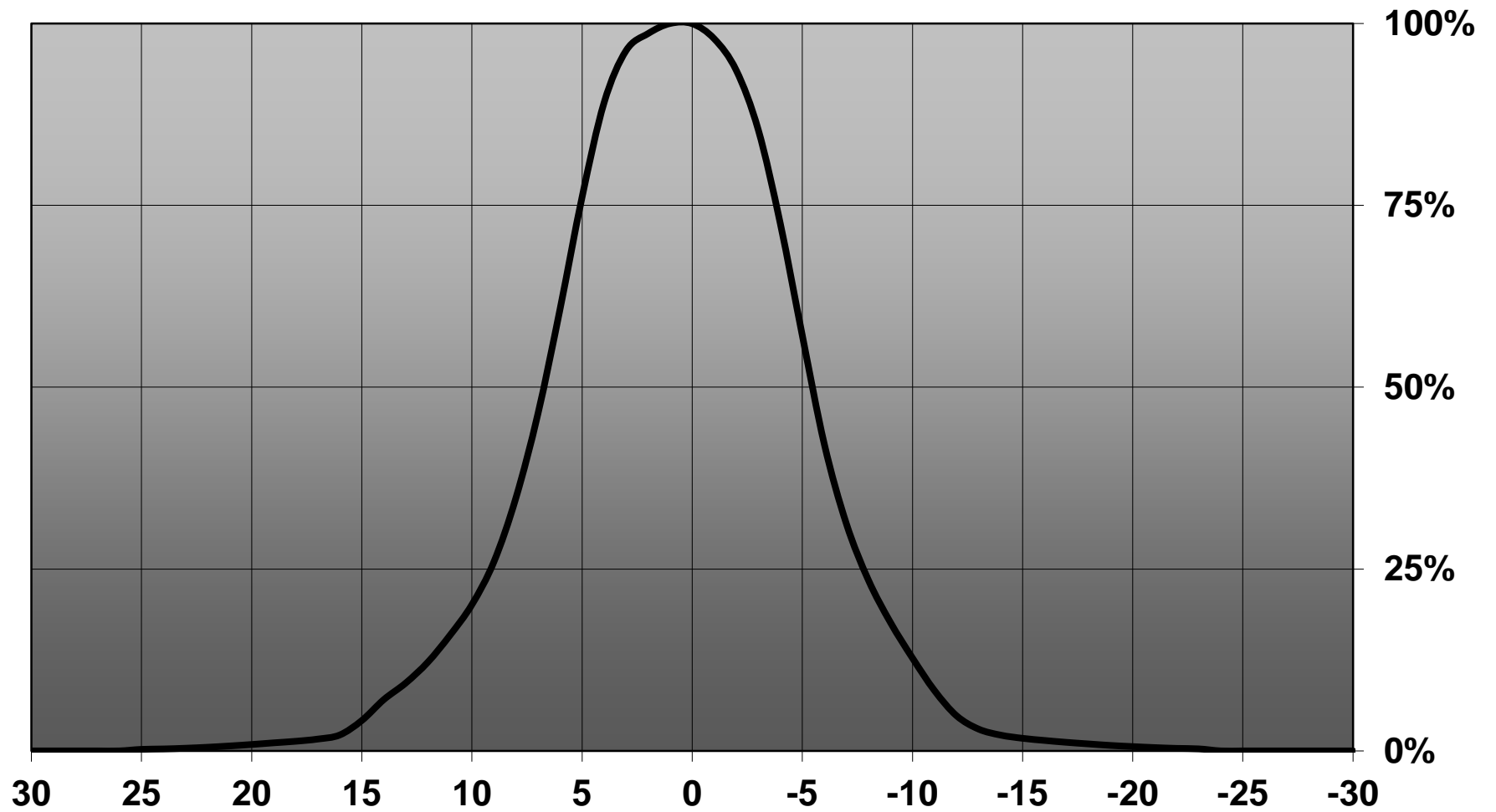
Please find more information about used material from below:

http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20UL94_Yellow%20Card.pdf

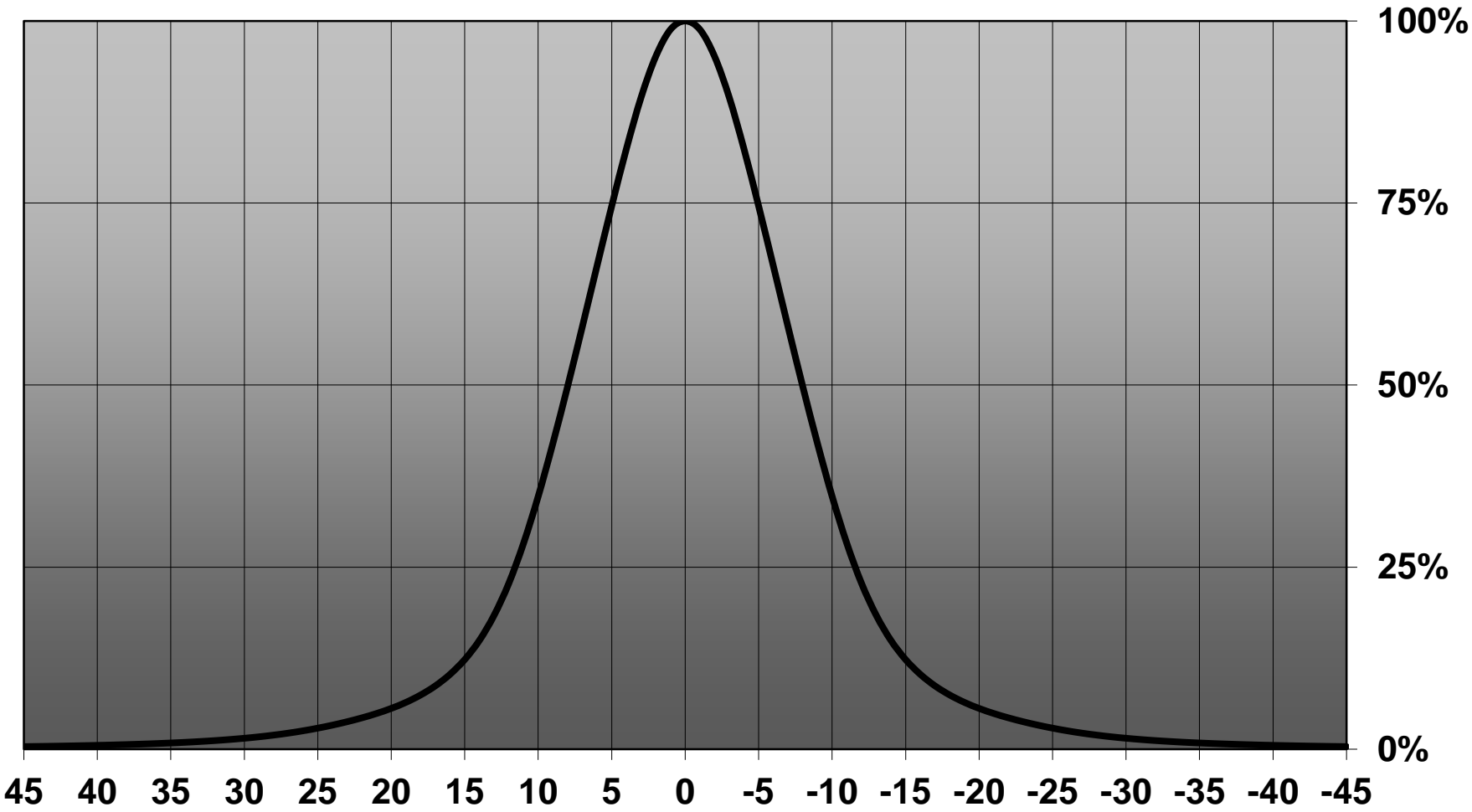
<http://ledil.fi/sites/default/files/Documents/Technical/Material/PMMA%20N%20PLEXIGLAS-Datasheet.pdf>

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

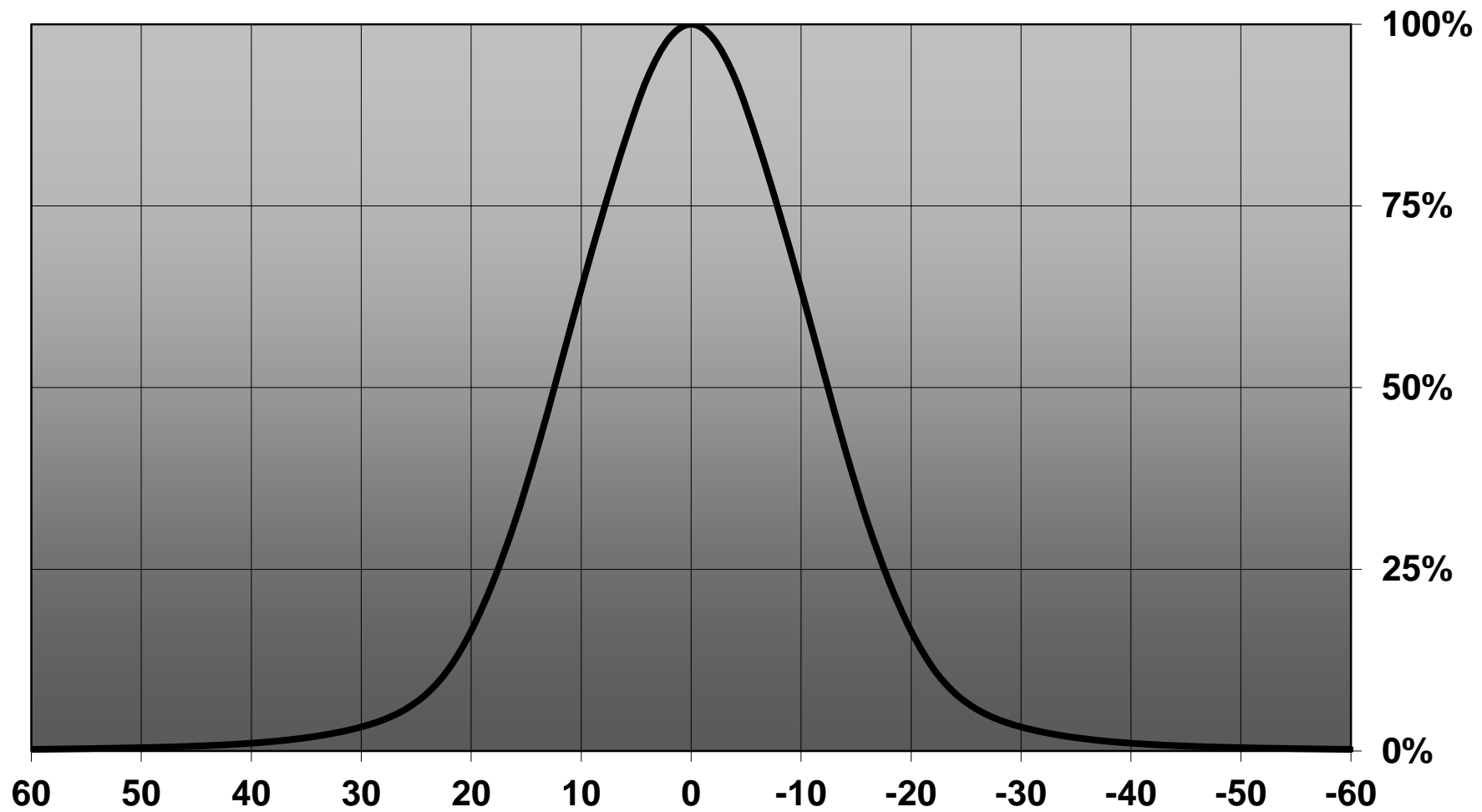
Relative intensity of CA12055_EVA-S (XM-L2)



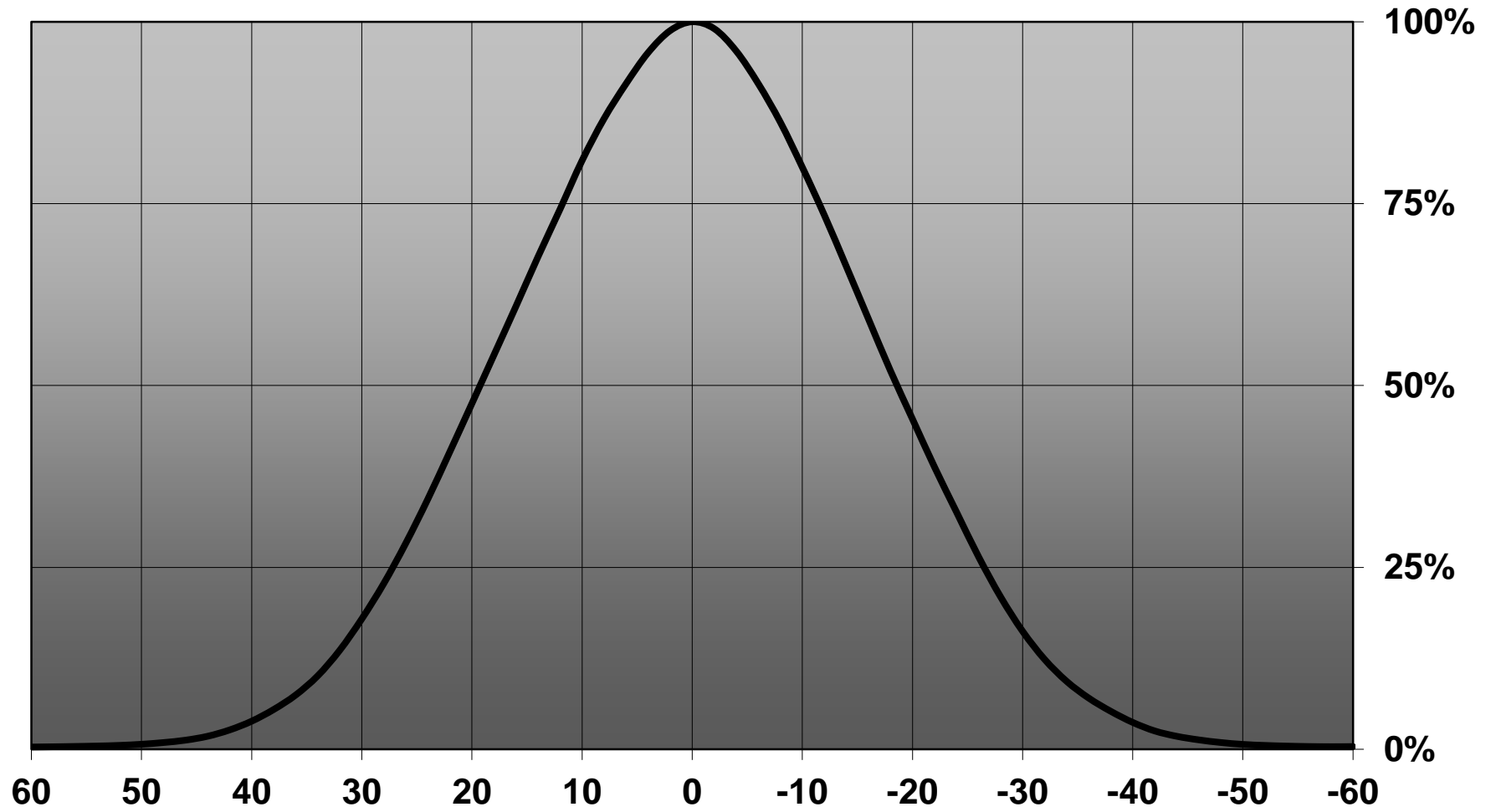
Relative intensity of CA12057_EVA-D_(XM-L2)



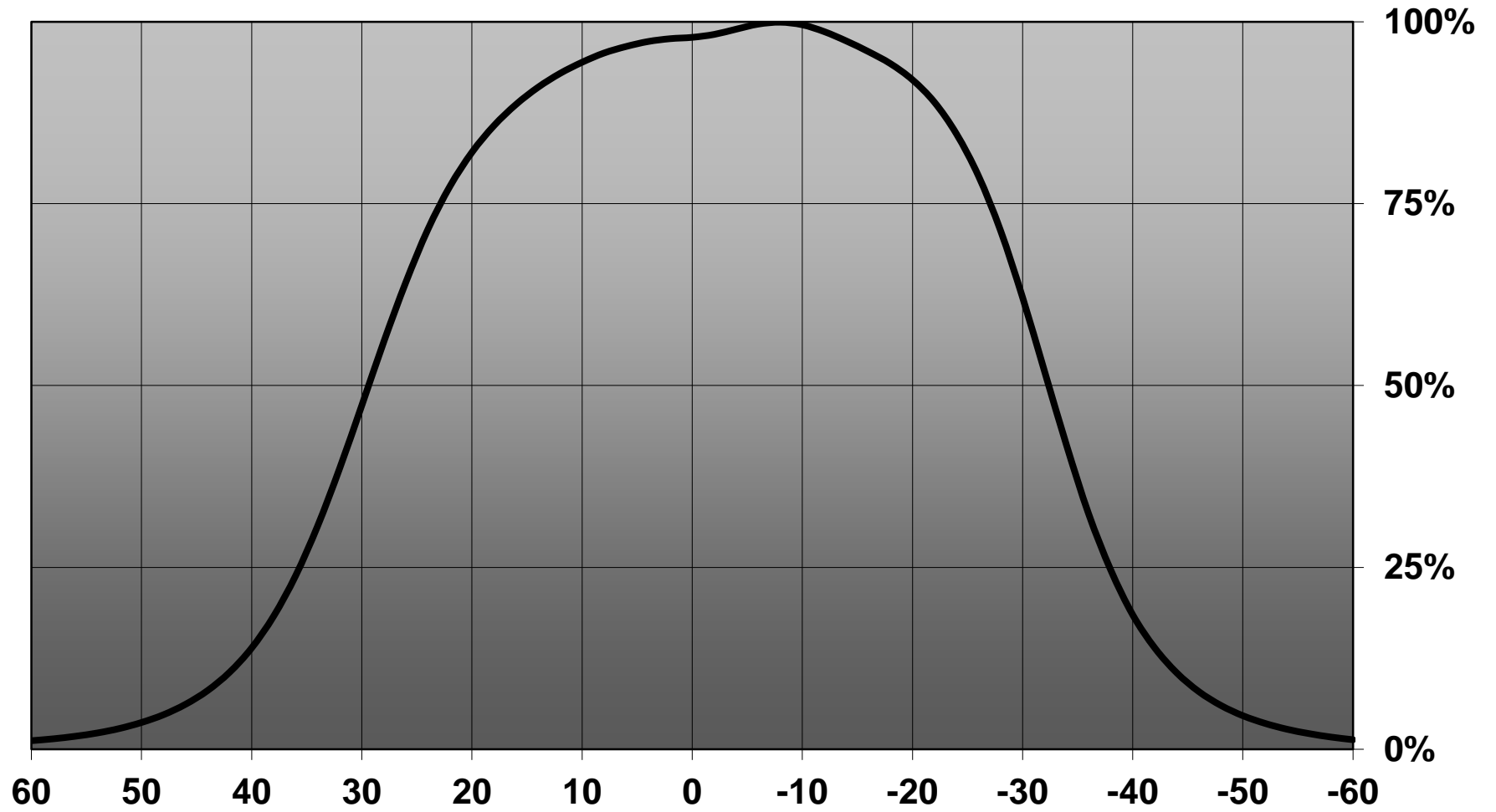
Relative intensity of CA12058_EVA-M_(XM-L2)



Relative intensity of CA12059_EVA-W_(XM-L2)



Relative intensity of CA12060_EVA-WW_(XM-L2)



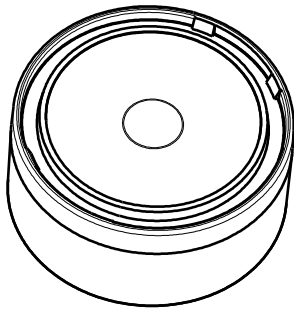
D

C

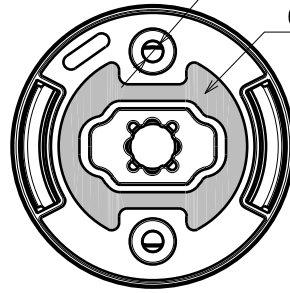
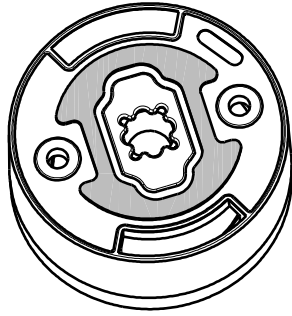
B

A

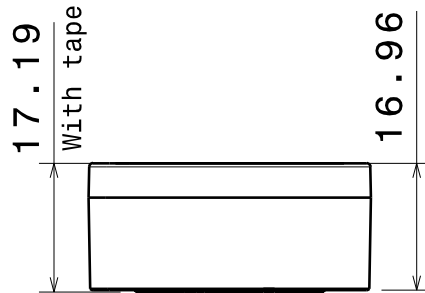
4



Isometric view



Bottom view



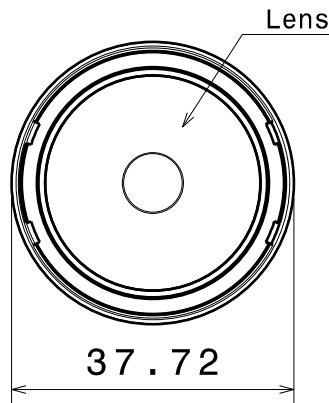
Front view

3

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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 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