

**Ordering number** C12361_HB-2X2-W

Family	High Bay	FWHM	57 degrees
Type	Lens	Efficiency	89 %
LED	XM-L	cd/Im	0.860
Color	Clear	Gerber File	Available
Diameter	50x50 mm		
Height	8.5 mm		
Style	Square		
Optic Material	PMMA		
Holder Material	-		
Fastening	Screw, pin, glue		
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

High Bay series

last update 13/11/2012

GENERAL INFORMATION

- Product series especially designed & optimized for XM-L 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>

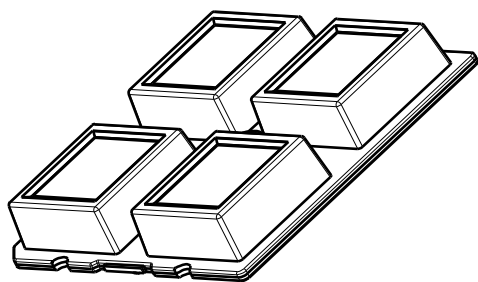
D

C

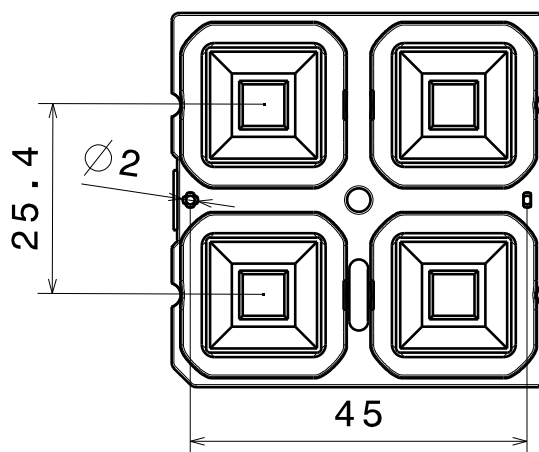
B

A

4

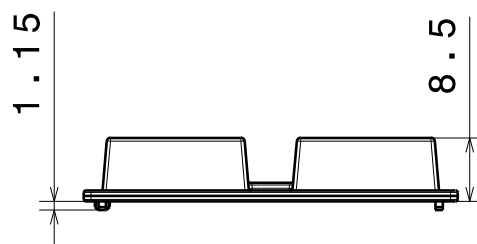


Isometric view



Bottom view

3



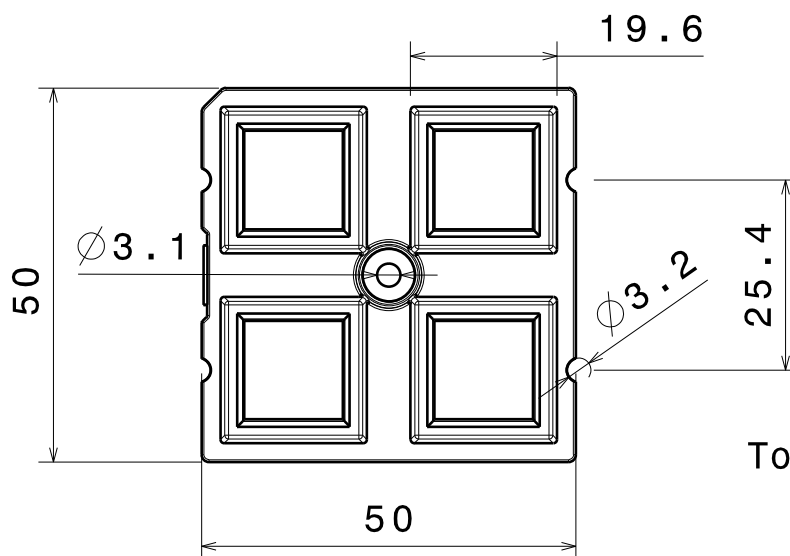
Front view

2

MATERIALS
Lens: PMMA

M3.5 screw
recommended for
fastening

Fastening also
with glue



Top view

4

3

2

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Ledil Oy
Tehdaskatu 13
FIN-24100 SALO
Finland

DRAWING TITLE

Datasheet HB-2x2 Lens module

DRAWN BY

mav

DATE

21.12.2011

CHECKED BY

pv

DATE

21.12.2011

SIZE

A4

DRAWING NUMBER

C12361

REV

2

DESIGNED BY

mav

DATE

18.10.2011

SCALE

1:1

WEIGHT (g)

SHEET

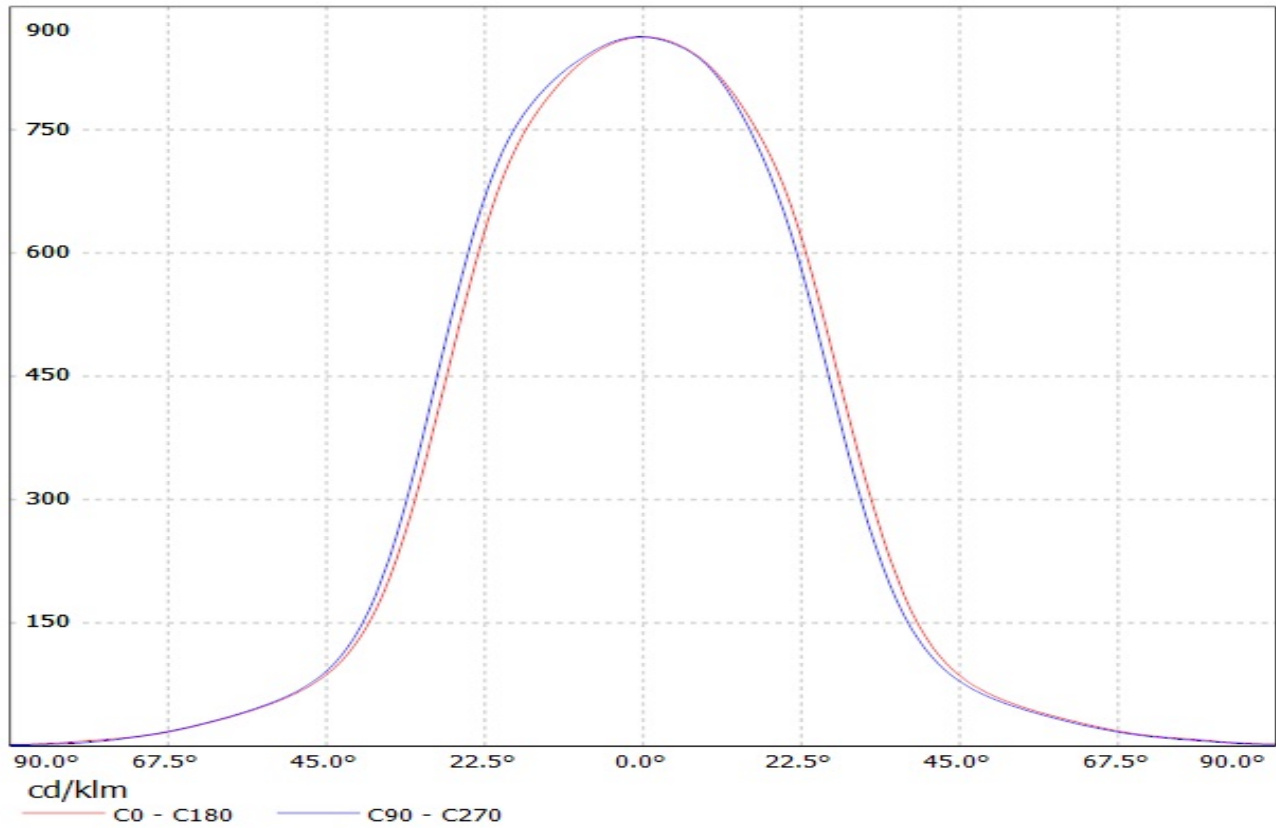
1/1

D

A

1

Luminaire: LEDIL OY C12361_HB-2X2 (XM-L) Efficiency=89%
Lamps: 1 x Cree XM-L (395lm @ 250mA)



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