

**Product number C10754_CUTE-3-SS**

Family Cute
Type Lens array
LED XM-L HVW
Color Clear
Diameter 35 mm
Height 15 mm
Style Round
Optic Material PMMA
Holder Material -
Fastening ["glue", "pin"]
Status Production ready

FWHM (simulated) 19
Efficiency 87 %
cd/Im -
Gerber File Available
Pin height 3 mm

**Product number C10755_CUTE-3-M**

Family Cute
Type Lens array
LED XM-L HVW
Color Clear
Diameter 35 mm
Height 15 mm
Style Round
Optic Material PMMA
Holder Material -
Fastening ["glue", "pin"]
Status Production ready

FWHM (simulated) 33
Efficiency 84 %
cd/Im -
Gerber File Available
Location pin total height 3 mm

**Product number C10756_CUTE-3-W**

Family Cute
Type Lens array
LED XM-L HVW
Color Clear
Diameter 35 mm
Height 15 mm
Style Round
Optic Material PMMA
Holder Material -
Fastening ["glue", "pin"]
Status Production ready

FWHM (simulated) 41
Efficiency 87 %
cd/Im -
Gerber File Available
Location pin height 1.5 mm

**Product number C11333_CUTE-3-SS**

Family Cute
Type Lens array
LED XM-L HVW
Color Clear
Diameter 35 mm
Height 15 mm
Style Round
Optic Material PMMA
Holder Material -
Fastening ["pin", "glue"]
Status Production ready

FWHM (simulated) 19
Efficiency 87 %
cd/Im -
Gerber File Available

**Product number** C11334_CUTE-3-M

Family	Cute	FWHM	(simulated) 33
Type	Lens array	Efficiency	84 %
LED	XM-L HVW	cd/lm	-
Color	Clear	Gerber File	Available
Diameter	35 mm		
Height	15 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	-		
Fastening	["pin", "glue"]		
Status	Production 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

Cute series

last update 7/3/2014

GENERAL INFORMATION

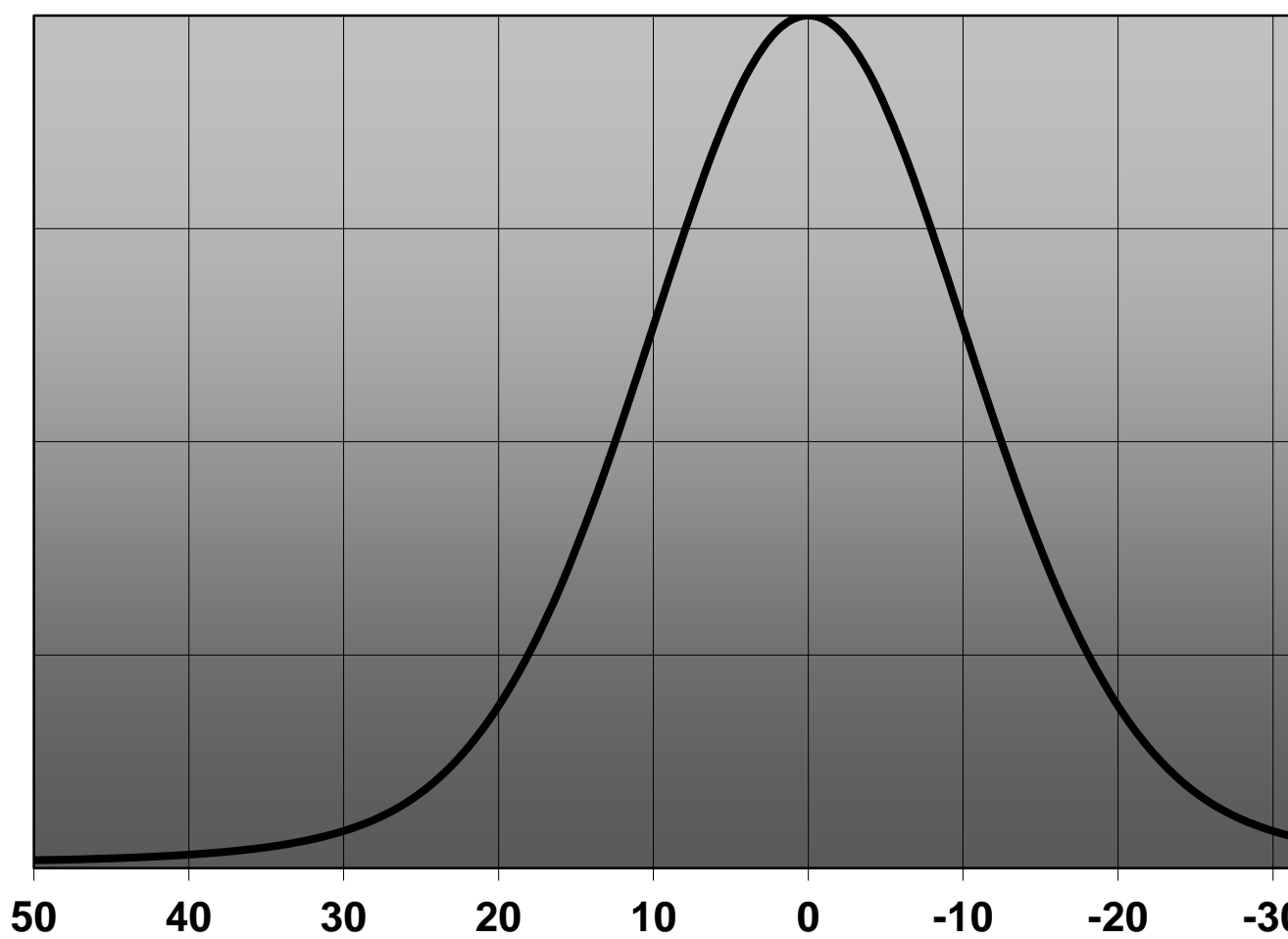
- Product series especially designed & optimized for XM-L HVW series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Lens material optical grade PMMA with high UV and temperature resistance. Allows use of high current and temperature conditions.

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>

Relative intensity of C11334_Cute-3-M-XM



D

C

B

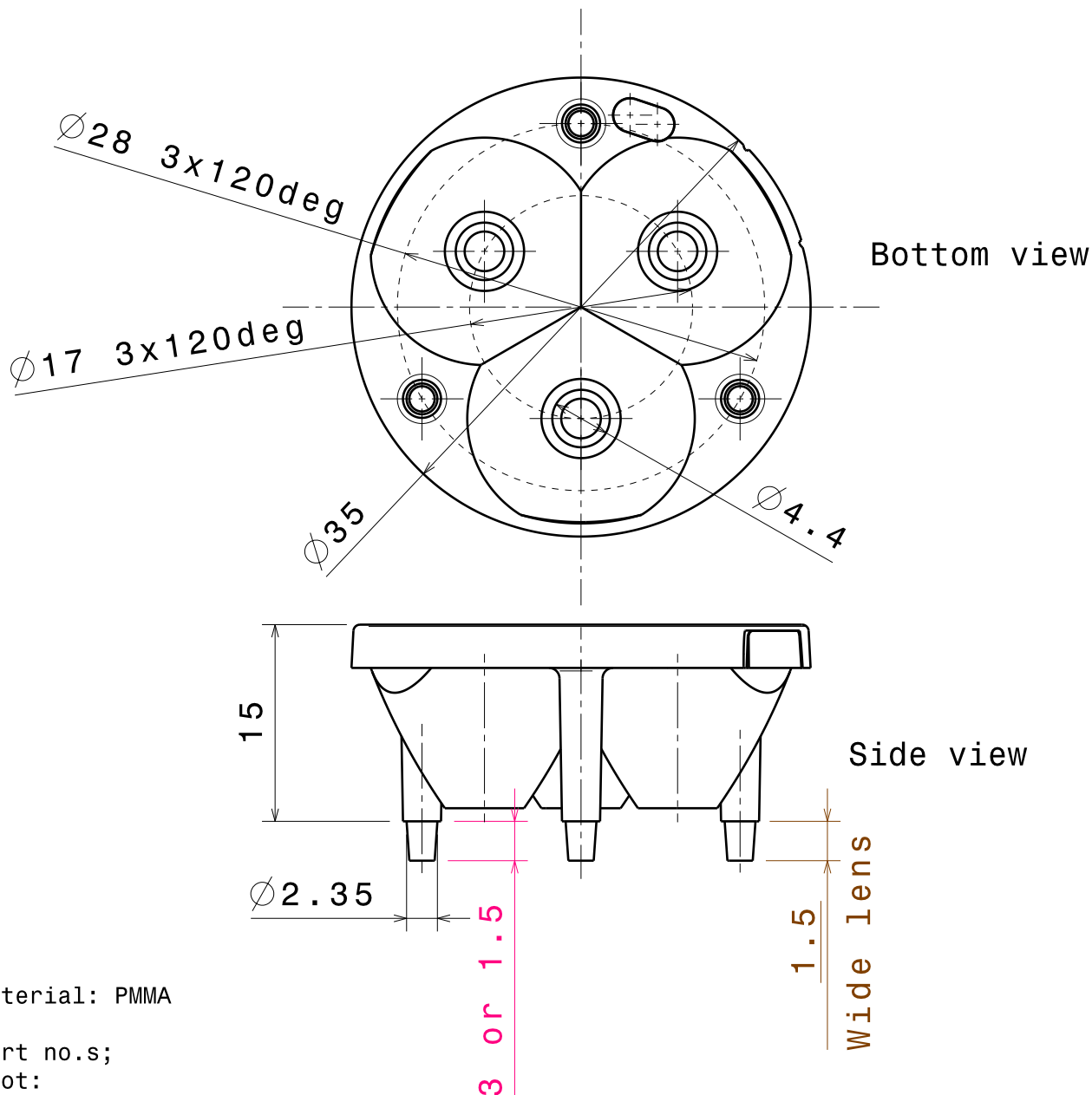
A

4

3

2

1



Material: PMMA

Part no.s;

Spot:

C10754_Cute-3-SS

C11333_Cute-3-SS, pin head length =1.5mm

Medium:

C10755_Cute-3-M

C11334_Cute-3-M, pin head length =1.5mm

Wide:

C10756_Cute-3-W

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Finland

DRAWING TITLE

Datasheet Cute-3 Lens Series

DRAWN BY

pv

DATE

08.02.2010

CHECKED BY

TK

DATE

09.09.2008

DESIGNED BY

HH

DATE

09.09.2008

SIZE

A4

DRAWING NUMBER

REV

1

SCALE

2:1

WEIGHT (g)

SHEET

1/1

D

A

1