PRODUCT DATASHEET
RGBX series
last update 26/7/2013

DETAILS

Product Number	CP13682_RGBX2-S
Family	RGBX
Type	Assembly
Color	clear
Diameter	30,4 mm
Height	28,2 mm
Style	round
Optic Material	PMMA
Holder Material	
Fastening	glue
Status	ready
ROHS Comliant	Yes
Date Updated	26/07/2013

OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Effi-ciency	cd/lm	Connector
XM-L RGB	20 deg	Spot	77 %	4.600	-

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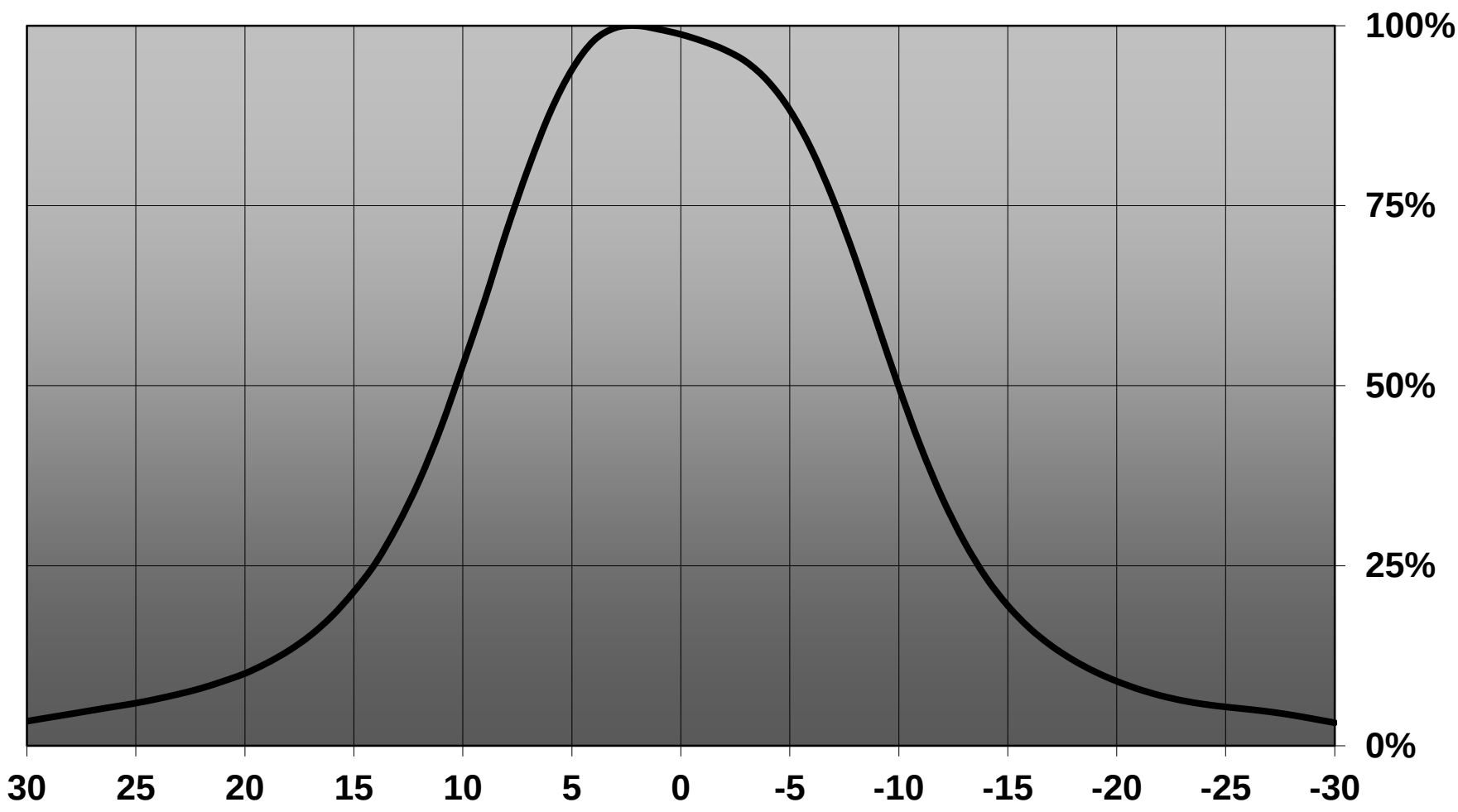
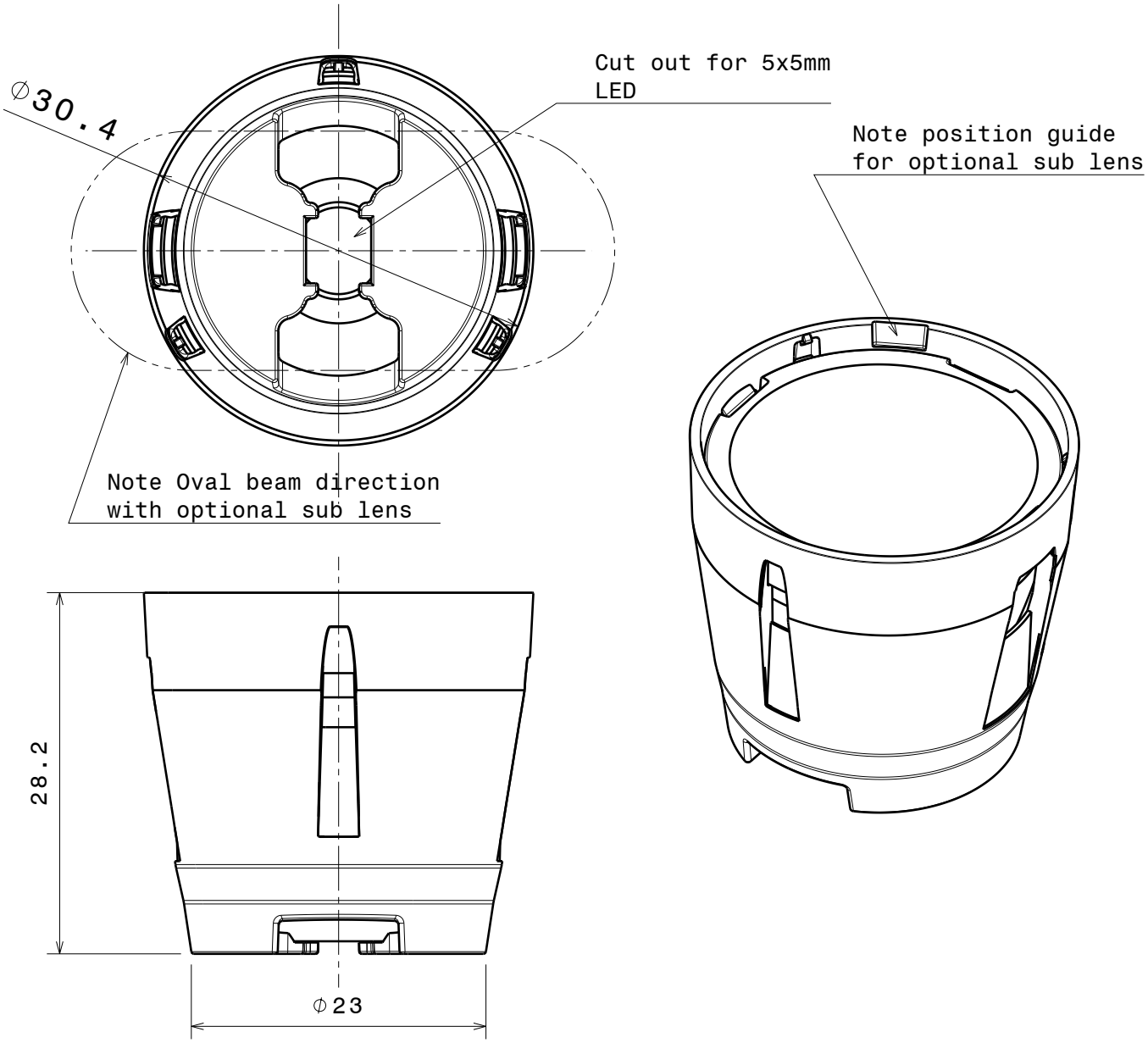
Relative intensity of CP13682_RGBX2-S_(XML RGBW)





Note:
Height of assy same also with SUB LENS.
Fastening with glue.

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	Holder	RGBX-HLD	PC	black
2	RGBX-Lens		PMMA	
3	SUB LENS		PC	

Tolerances if not otherwise shown
According to DIN ISO 2768-1
Linear measures:
Up to 30mm class M, otherwise class C.
According to DIN ISO 2768-2
Form and position: class L

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THIRD ANGLE PROJECTION:

DRAWING TITLE
Datasheet RGBX2 assembly

SIZE A4 | PART NUMBER

SCALE 2:1 | WEIGHT 12 g | SHEET 1/1

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.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.
http://www.ledil.com/datasheets/DataSheet_GLUES.pdf

NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit boar weaken the strength of the glue.

NOTE 2: All surfaces where glue is applied must be clean, dry and free from grease and dirt. If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer -this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.

Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.