



# PRODUCT DATASHEET

## RGBX series

last update 12/11/2013

### DETAILS

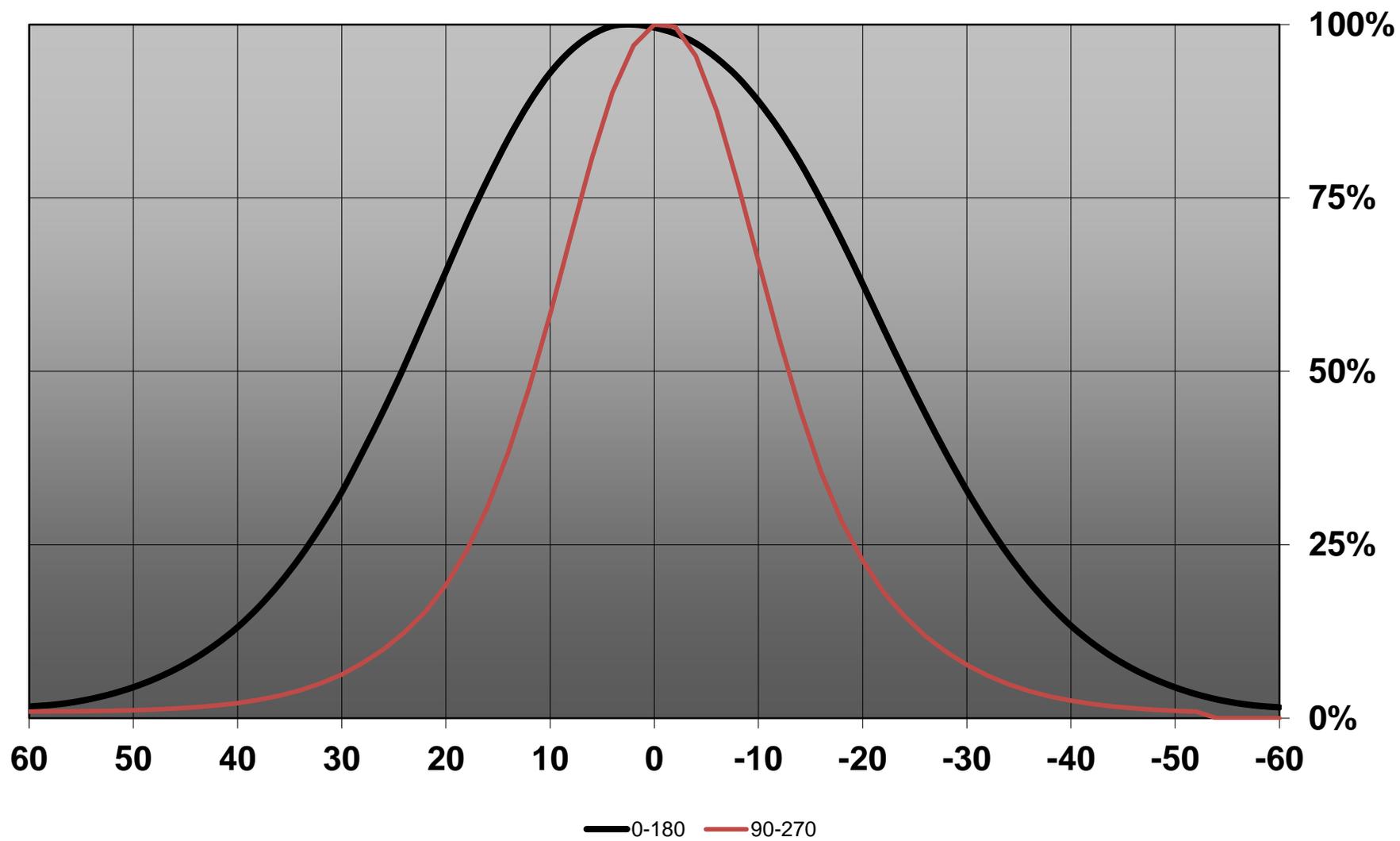
<b>Product Number</b>	CP13939_RGBX2-O
<b>Family</b>	RGBX
<b>Type</b>	Assembly
<b>Color</b>	clear
<b>Diameter</b>	30,4 mm
<b>Height</b>	28,2 mm
<b>Style</b>	round
<b>Optic Material</b>	PMMA
<b>Holder Material</b>	
<b>Fastening</b>	
<b>Status</b>	ready
<b>ROHS Compliant</b>	Yes
<b>Date Updated</b>	12/11/2013



### OPTICAL PROPERTIES

LED	Viewing Angle	Light Beam	Efficiency	cd/lm	Connector
XM-L RGB	48+24 deg	Oval	66 %	1.480	-

Relative intensity of CP13939\_RGBX2-O\_(XM-L RGBW)



D

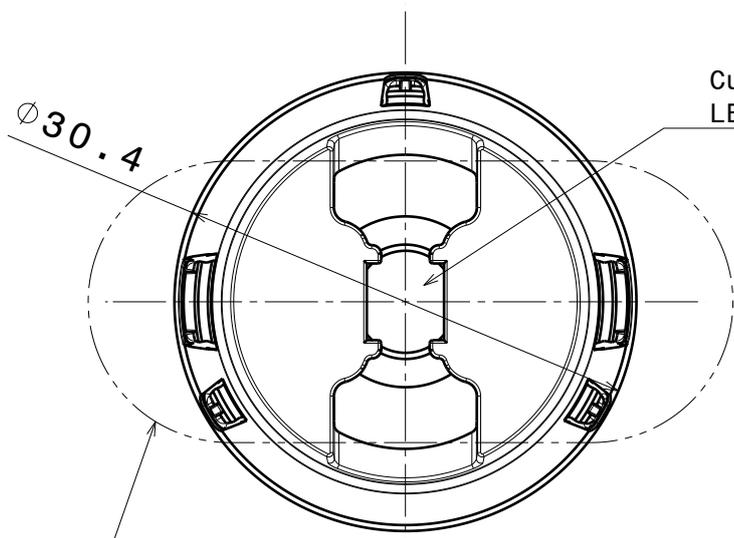
C

B

A

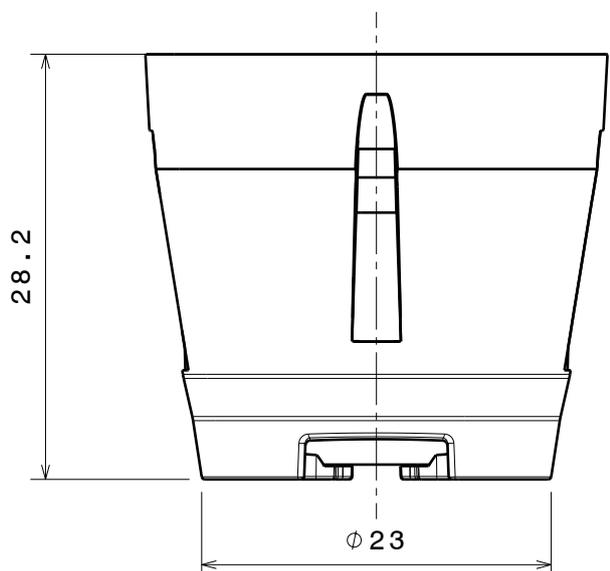
4

4

Cut out for 5x5mm  
LEDNote position guide  
for optional sub lensNote Oval beam direction  
with optional sub lens

3

3



28.2

Ø 23

2

2

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

LEDiL

Ledil Oy  
Salorankatu 10  
FIN 24240 SALO  
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE

Datasheet RGBX2 assembly

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SIZE PART NUMBER

A4

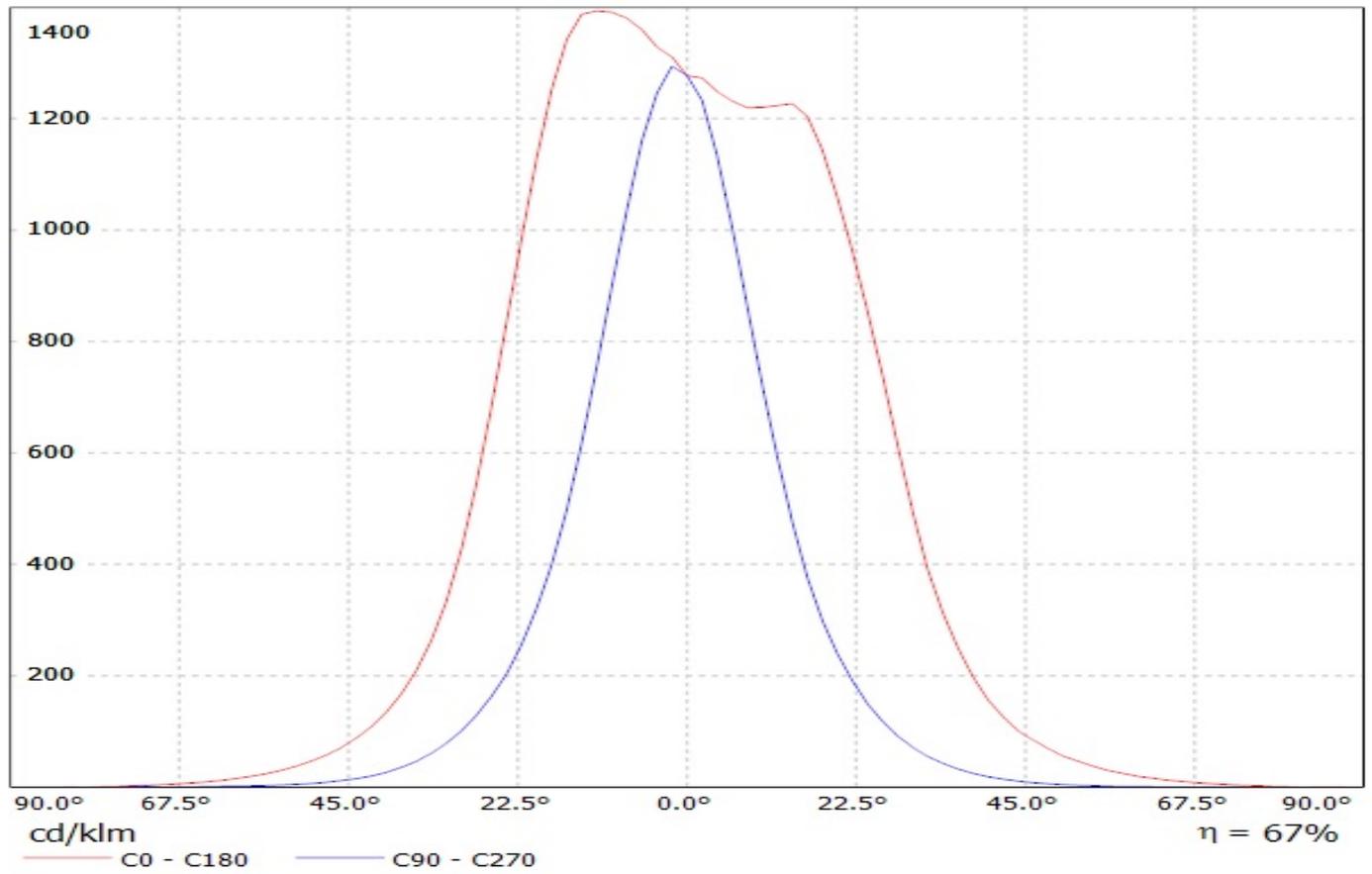
SCALE 2:1 WEIGHT 12 g SHEET 1/1

D

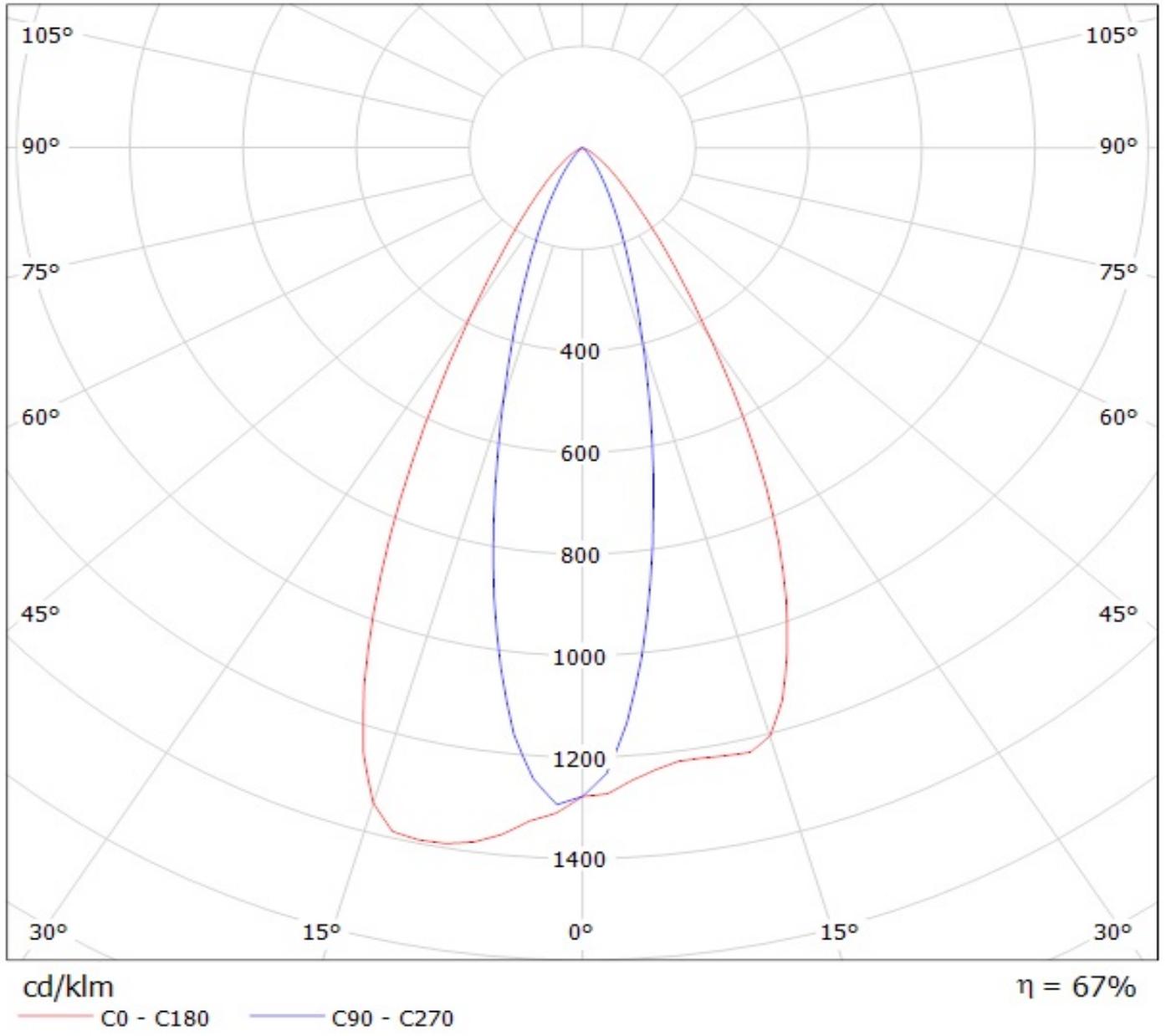
A

1

Luminaire: LEDil Oy CP13939\_RGBX2-O\_(XM-L\_RGBW) Efficiency=66%  
Lamps: 1 x Cree Xm-L\_RGBW (204lm @ 250mA) CCT=n/a P=2.8W I=250mA



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**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.**