RGBX-O

~50° 25° oval beam optimized for CREE MC-E RGB. Assembly with colour mixing sublens and holder.



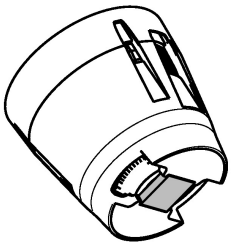
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 30.4 mm
Height	28.8 mm
Fastening	glue
Colour	black
Box size	480 x 280 x 300 mm
Box weight	7.5 kg
Quantity in Box	486 pcs
ROHS compliant	yes

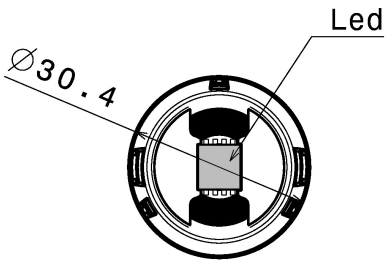
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
RGBX-O-SUB	Lens	PC	clear
RGBX-SS	Lens	PMMA	clear
RGBX-MC-HLD	Holder	PC	black

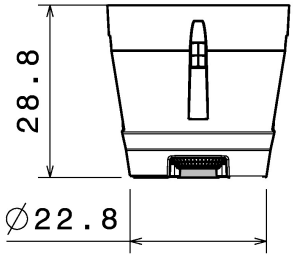
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Isometric view

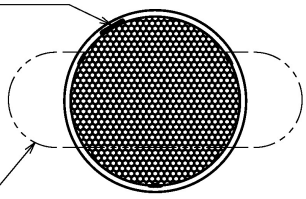


Bottom view



Front view

Note:
Sublens position guide



Top view

Materials:
Lens PMMA
Holder PC Black
Sublens PC

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DRAWN BY: pv	DATE: 15.11.2010	DRAWING TITLE: Datasheet RGBX-MC Assy			
CHECKED BY: tk	DATE: 02.04.2009	SIZE: A4	DRAWING NUMBER: -		REV: 0.1
DESIGNED BY: pv	DATE: 02.04.2009	SCALE: 1:1	WEIGHT(g):		SHEET: 1/1

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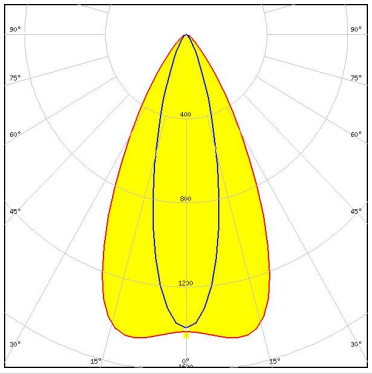
PHOTOMETRIC DATA (MEASURED):

CREE

LED	MC-E
FWHM	48.0 + 25.0°
Efficiency	%
Peak intensity	cd/lm
Required components:	

CREE

LED	MC-E RGB
FWHM	48.0 + 32.0°
Efficiency	70 %
Peak intensity	cd/lm
Required components:	



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GENERAL INFORMATION:

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

MATERIALS:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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