

RGBX2-M

~30° medium beam optimized for CREE XM-L RGB. Assembly with colour mixing sublens and holder.

SPECIFICATION:

Dimensions	Ø 30.4 mm
Height	28.2 mm
Fastening	glue
ROHS compliant	yes ⓘ

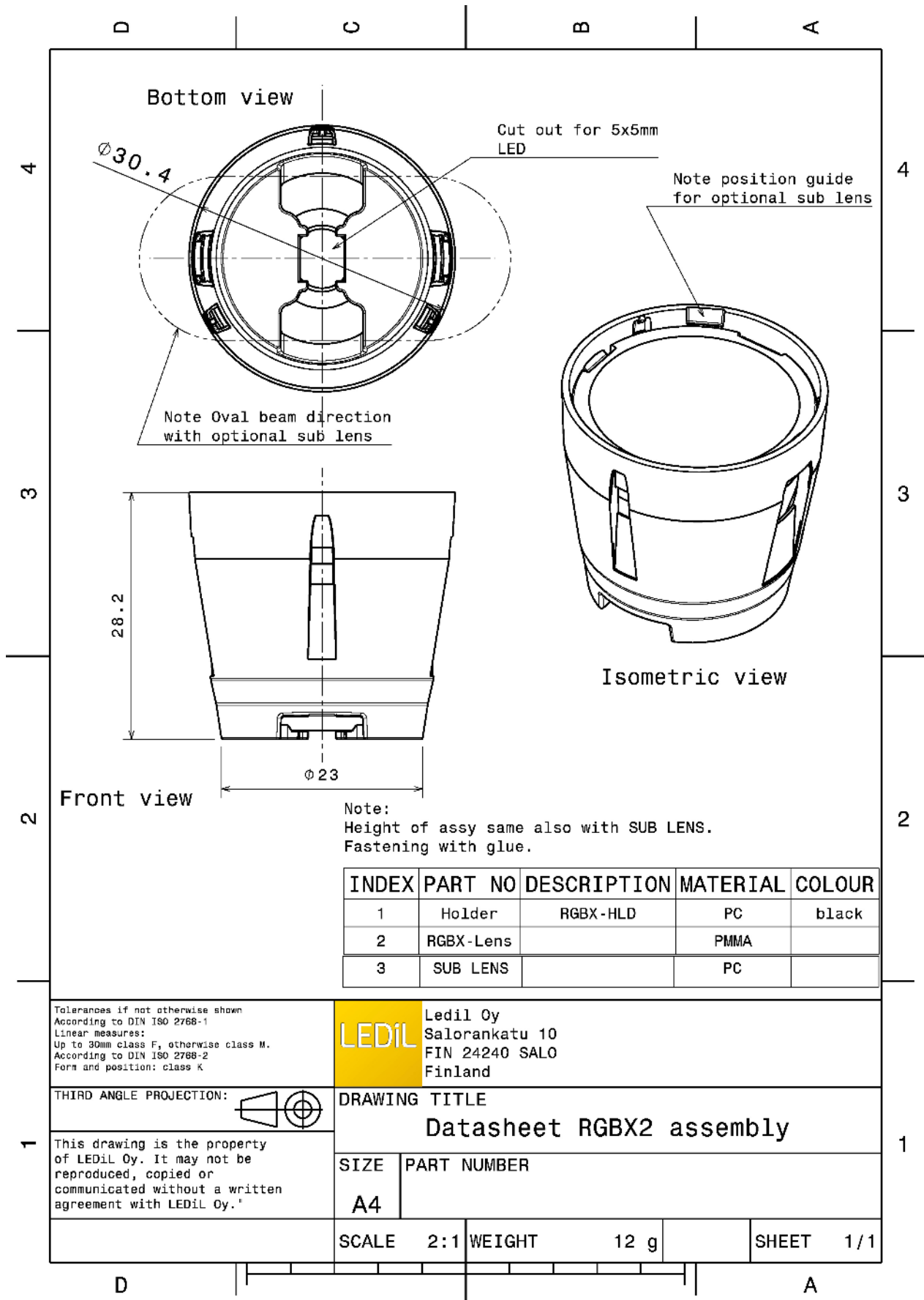


MATERIALS:

Component	Type	Material	Colour	Finish
RGBX2-S	Single lens	PMMA	clear	
RGBX-HLD	Holder	PC	black	
RGBX-M-SUB	Sublens	PC	clear	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP13938_RGBX2-M	Single lens	486	108	54	8.0
» Box size: 480 x 280 x 300 mm					

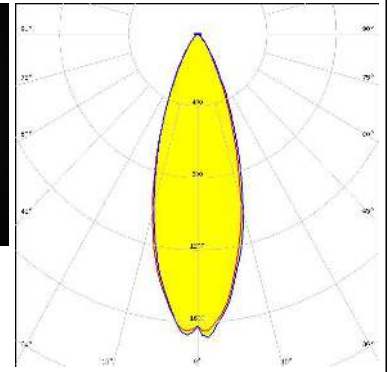
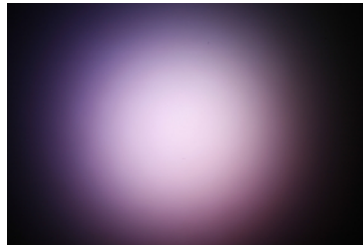


See also our general installation guide: www.ledil.com/installation_guide


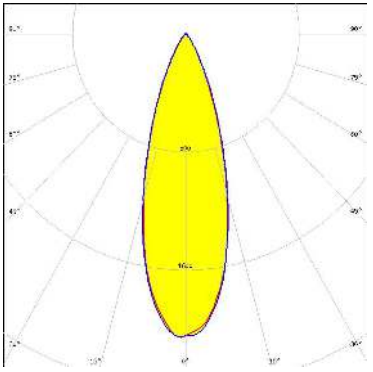

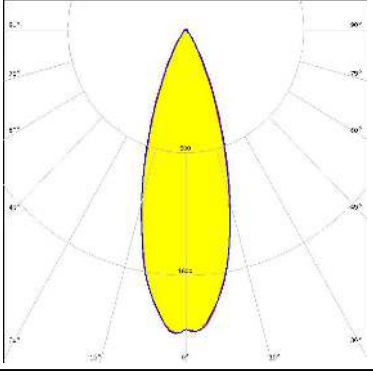

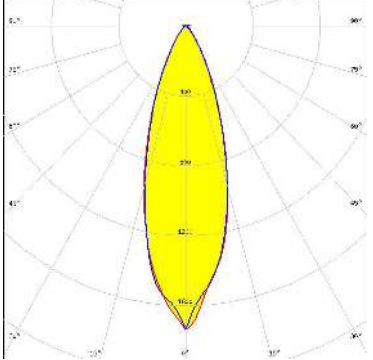
OPTICAL RESULTS (MEASURED):



LED	XM-L RGBW (XMLCTW)
FWHM / FWTM	34.0° / 67.0°
Efficiency	68 %
Peak intensity	1.5 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OPTICAL RESULTS (SIMULATED):

	<p>LED XM-L RGBW (XMLDCL HD)</p> <p>FWHM / FWTM 32.0° / 59.0 + 60.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2.1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>	
	<p>LED XM-L RGBW (XMLDCL HI)</p> <p>FWHM / FWTM 34.0° / 60.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour RGBW</p> <p>Required components:</p>	
	<p>LED XQ-E HI</p> <p>FWHM / FWTM 32.0° / 64.0°</p> <p>Efficiency 74 %</p> <p>Peak intensity 1.8 cd/lm</p> <p>LEDs/each optic 4</p> <p>Light colour RGBW</p> <p>Required components:</p>	

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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LEDiL Oy

Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.

228 West Page Street
Suite D
Sycamore IL 60178
USA

Ledil Optics Technology (Shenzhen) Co., Ltd.

405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

Local sales and technical support

[www.ledil.com/
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