

RGBX2-S

~20° spot beam optimized for CREE XM-L RGB.
Assembly with holder.

SPECIFICATION:

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

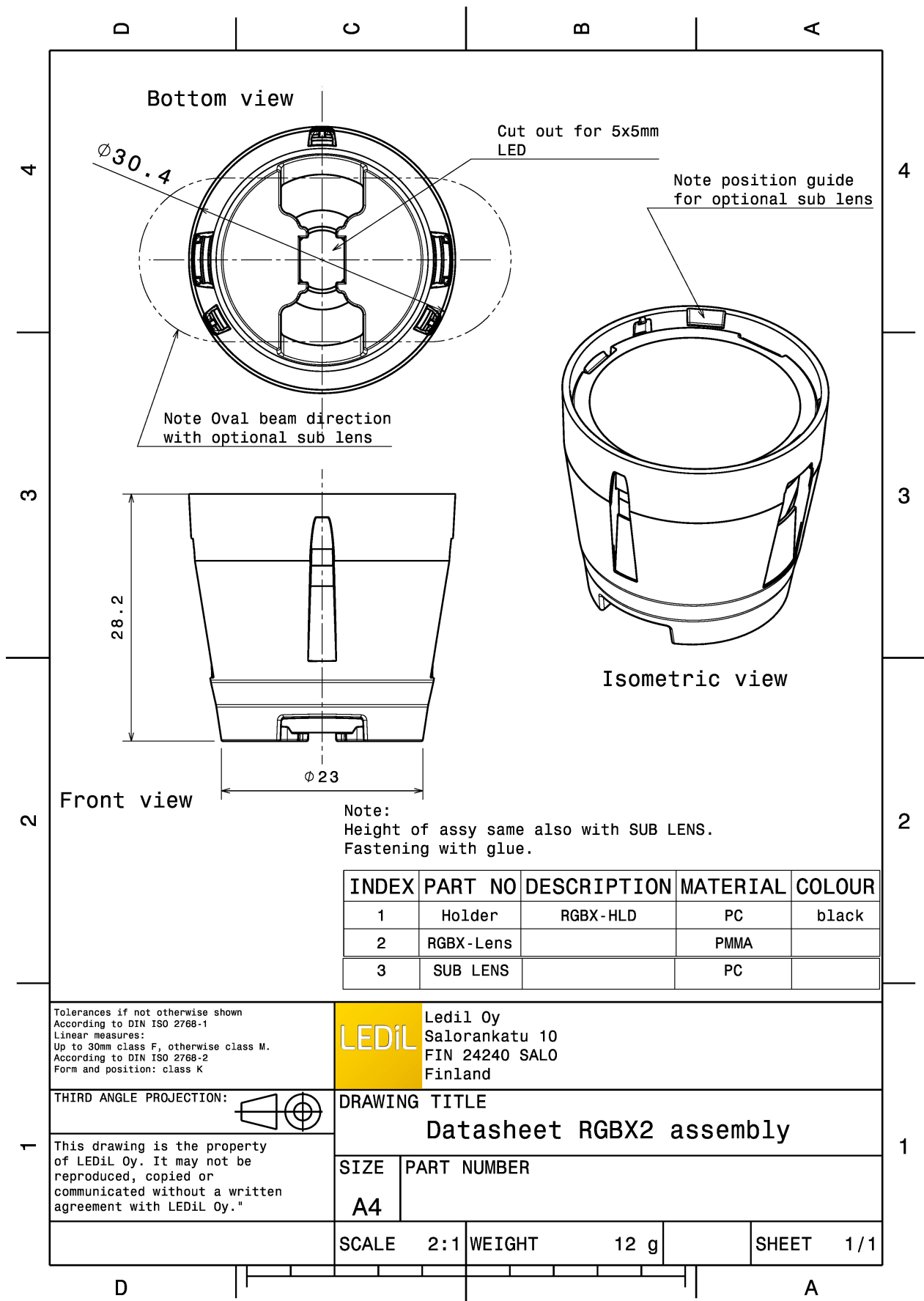


MATERIALS:

Component	Type	Material	Colour	Finish	Length
RGBX2-S	Single lens	PMMA	clear		28.0
RGBX-HLD	Holder	PC	black		30.4

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP13682_RGBX2-S	Single lens	486	108	54	6.8
» Box size: 480 x 280 x 300 mm					

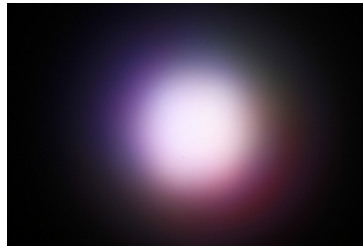


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



LED	XM-L RGBW (XMLCTW)
FWHM / FWTM	20.0° / 40.0°
Efficiency	77 %
Peak intensity	4.6 cd/m
LEDs/each optic	1
Light colour/type	RGBW
Required components:	

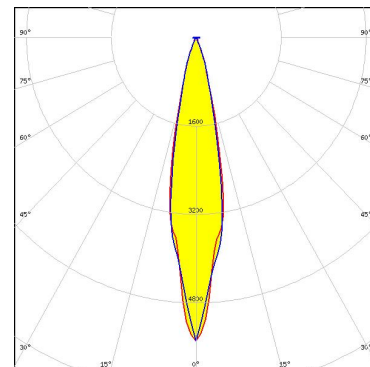


Light distribution files

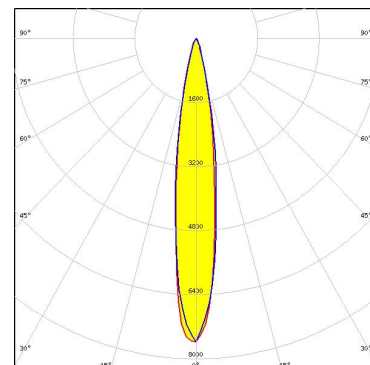
OPTICAL RESULTS (SIMULATED):



LED XB-D
FWHM / FWTM 21.0° / 38.0°
Efficiency 81 %
Peak intensity 5.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



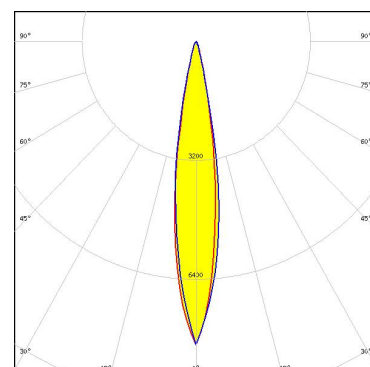
LED XM-L RGBW (XMLCTW)
FWHM / FWTM 16.0° / 33.0°
Efficiency 94 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:



Light distribution files



LED XM-L RGBW (XMLDCL HD)
FWHM / FWTM 16.0 + 17.0° / 30.0°
Efficiency 88 %
Peak intensity 8.2 cd/lm
LEDs/each optic 1
Light colour/type RGBW
Required components:

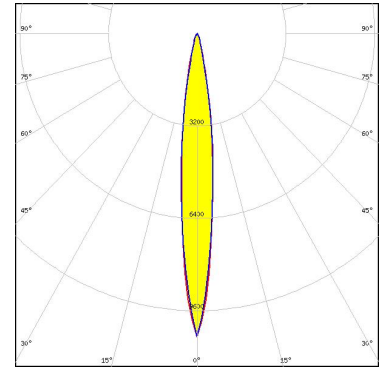


Light distribution files

OPTICAL RESULTS (SIMULATED):



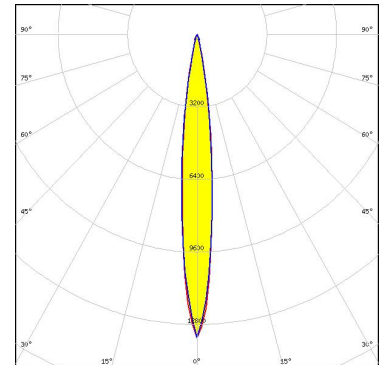
LED XM-L RGBW (XMLDCL HI)
 FWHM / FWTM 12.0° / 28.0°
 Efficiency 88 %
 Peak intensity 10.5 cd/lm
 LEDs/each optic 1
 Light colour/type RGBW
 Required components:



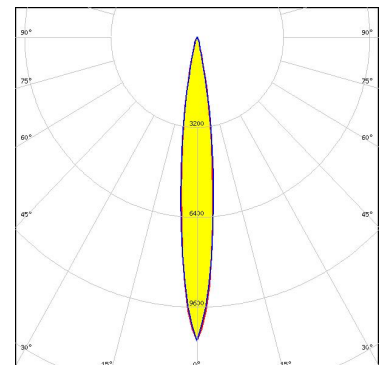
Light distribution files



LED XP-G2
 FWHM / FWTM 12.0° / 24.0°
 Efficiency 88 %
 Peak intensity 13.4 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



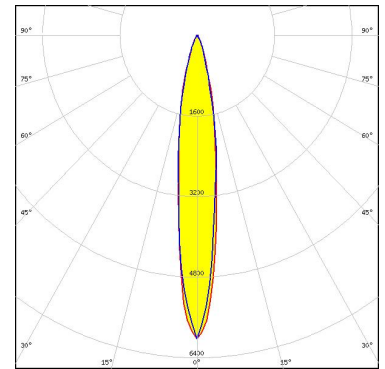
LED XP-G3
 FWHM / FWTM 12.0° / 26.0°
 Efficiency 83 %
 Peak intensity 10.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



OPTICAL RESULTS (SIMULATED):



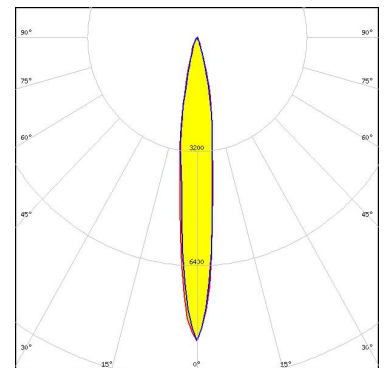
LED XQ-E HI
FWHM / FWTM 15.0° / 37.0°
Efficiency 83 %
Peak intensity 6 cd/Im
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



LED OSLO Pure 1414
FWHM / FWTM 13.0 + 12.0° / 32.0°
Efficiency 87 %
Peak intensity 8.5 cd/Im
LEDs/each optic 4
Light colour/type RGBW
Required components:



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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