

RGBX-SS

~20° smooth spot beam optimized for Osram Ostar-SMT RGB. Assembly with holder.

SPECIFICATION:

Dimensions	Ø 30.0 mm
Height	28 mm
Fastening	glue
ROHS compliant	yes ⓘ

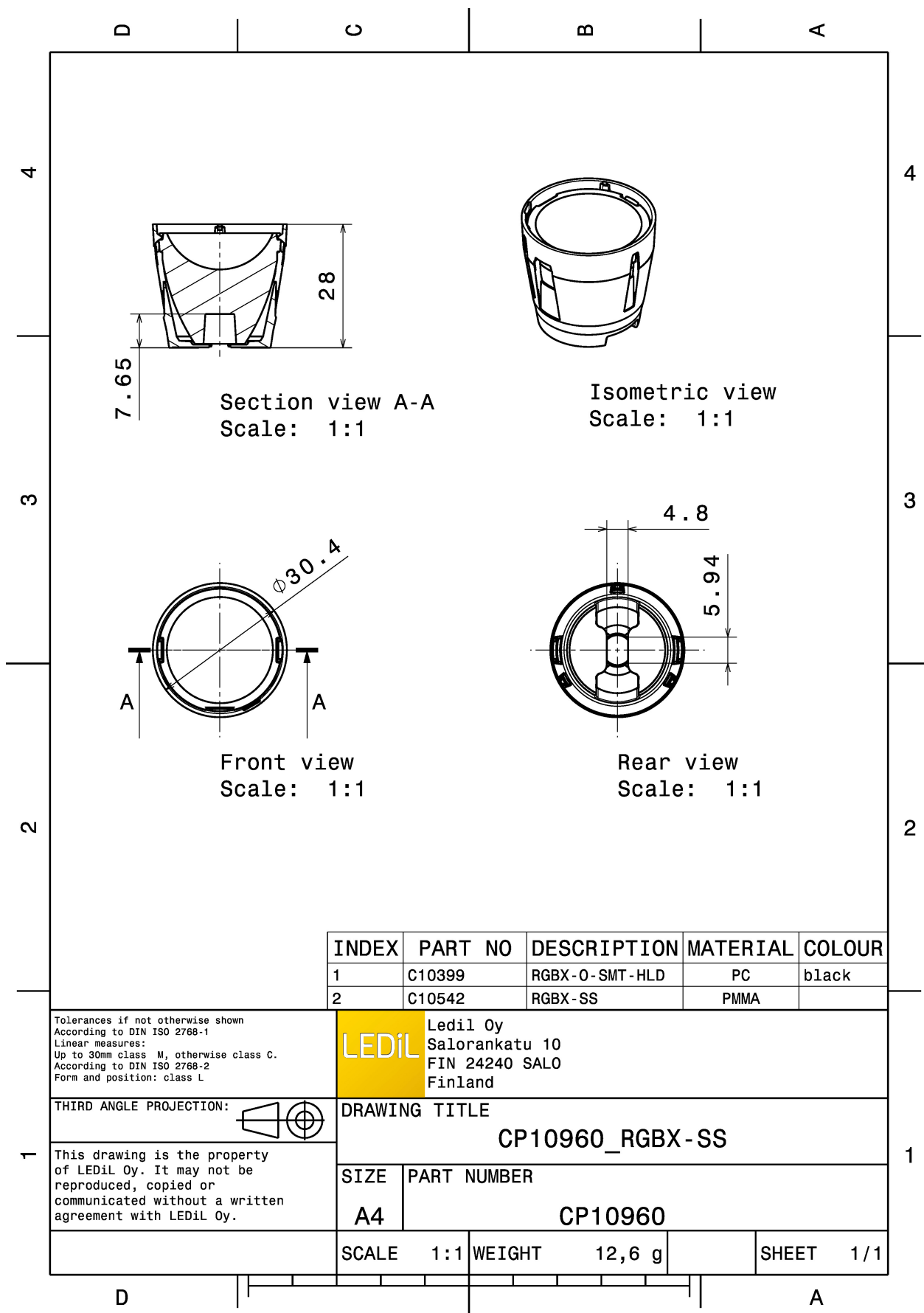
MATERIALS:

Component	Type	Material	Colour	Finish	Length
RGBX-SS	Single lens	PMMA	clear		30.4
RGBX-O-SMT-HLD	Holder	PC	black		30.4

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP10960_RGBX-SS	Single lens	486		54	7.5
» Box size: 480 x 280 x 300 mm					



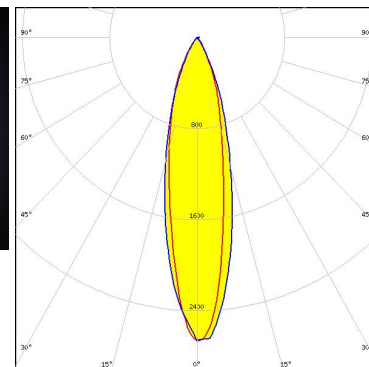
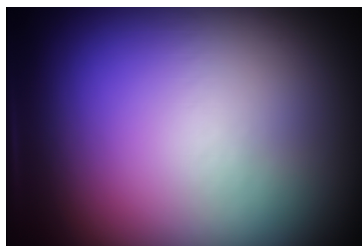


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



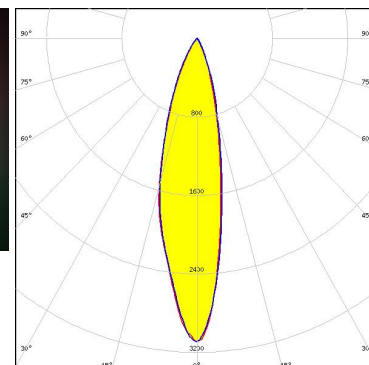
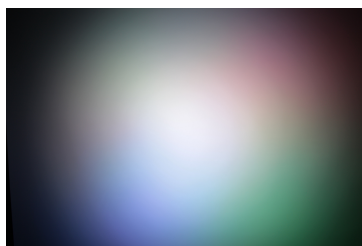
LED LUXEON C
FWHM / FWTM 22.0° / 56.0°
Efficiency 76 %
Peak intensity 2.7 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



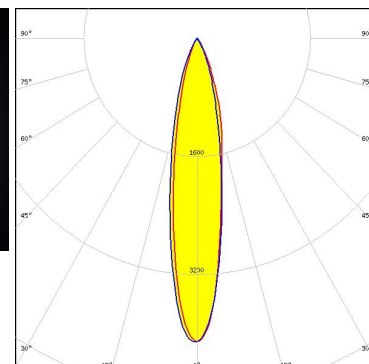
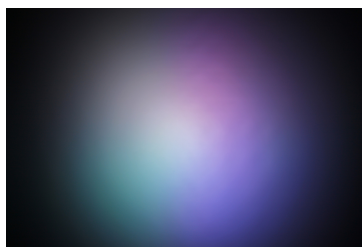
LED LUXEON CZ
FWHM / FWTM 24.0° / 52.0°
Efficiency 80 %
Peak intensity 3.1 cd/lm
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



LED SBM-40-RGBW
FWHM / FWTM 19.0° / 46.0°
Efficiency 83 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

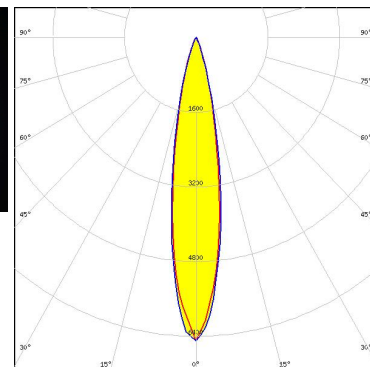
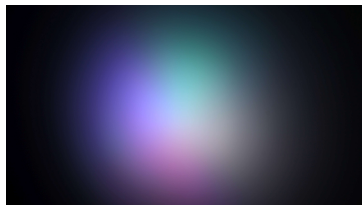


Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED Ostar-SMT RGB
FWHM / FWTM 18.0° / 45.0°
Efficiency 85 %
Peak intensity 4.4 cd/Im
LEDs/each optic 1
Light colour/type White
Required components:

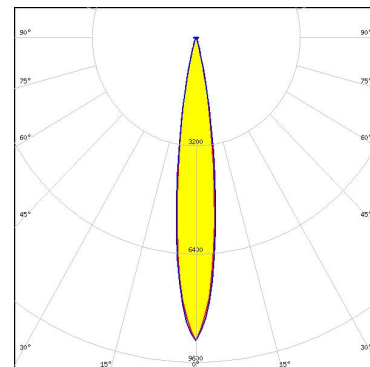


Light distribution files

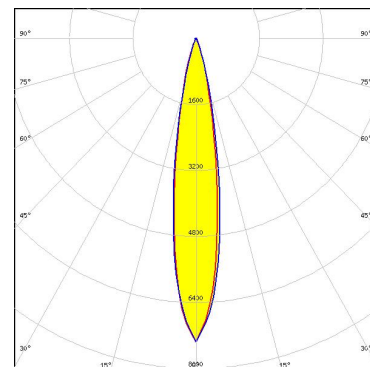
OPTICAL RESULTS (SIMULATED):



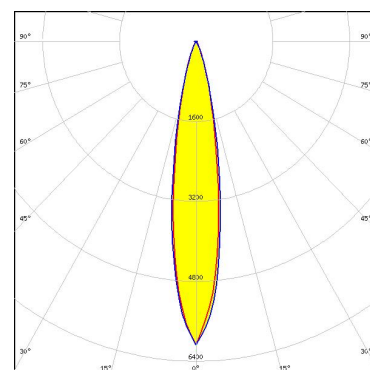
LED XB-D
FWHM / FWTM 15.0° / 28.0°
Efficiency 80 %
Peak intensity 9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



LED XP-G2
FWHM / FWTM 17.0° / 35.0°
Efficiency 91 %
Peak intensity 7.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



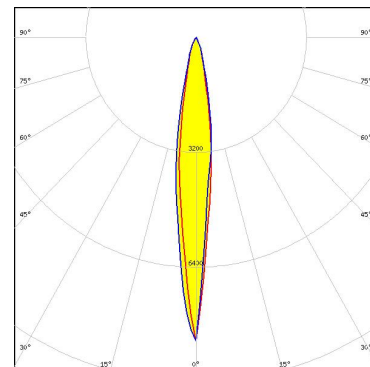
LED XP-G3
FWHM / FWTM 18.0° / 38.0°
Efficiency 88 %
Peak intensity 6.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



OPTICAL RESULTS (SIMULATED):



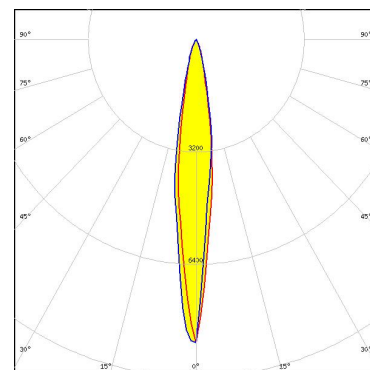
LED LUXEON Rubix
FWHM / FWTM 12.0 + 13.0° / 31.0 + 33.0°
Efficiency 90 %
Peak intensity 8.5 cd/Im
LEDs/each optic 4
Light colour/type RGBW
Required components:



Light distribution files



LED OSLO Pure 1414
FWHM / FWTM 13.0° / 31.0 + 33.0°
Efficiency 90 %
Peak intensity 8.6 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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