RGBX-SS

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

TECHNICAL SPECIFICATIONS:

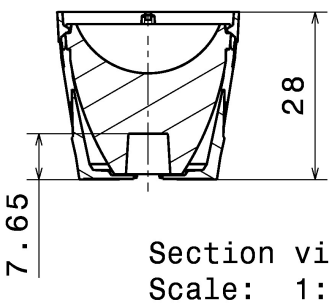
Dimensions	Ø 30.0 mm
Height	28 mm
Fastening	glue
ROHS compliant	yes

MATERIAL SPECIFICATIONS:

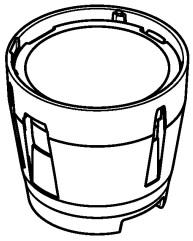
Component	Type	Material	Colour	Finish
RGBX-SS	Single lens	PMMA	clear	
RGBX-O-SMT-HLD	Holder	PC	black	

ORDERING INFORMATION:

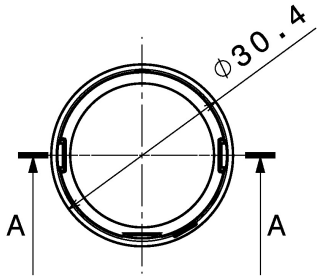
Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP10960_RGBX-SS	Single lens	486		54	7.5
» Box size: 480 x 280 x 300 mm					



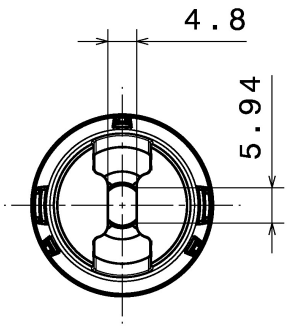
Section view A-A
Scale: 1:1



Isometric view
Scale: 1:1



Front view
Scale: 1:1



Rear view
Scale: 1:1

INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C10399	RGBX-O-SMT-HLD	PC	black
2	C10542	RGBX-SS	PMMA	

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 Oy
Salorankatu 10
FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
CP10960_RGBX-SS

SIZE: A4
PART NUMBER: CP10960

SCALE 1:1 | WEIGHT 12,6 g | SHEET 1/1

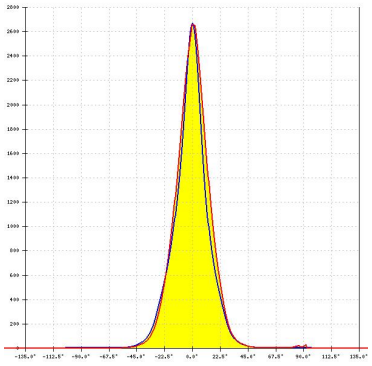
See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):

LUMILEDS

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

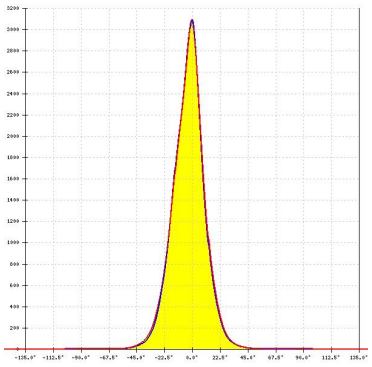
Required components:



LUMILEDS

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

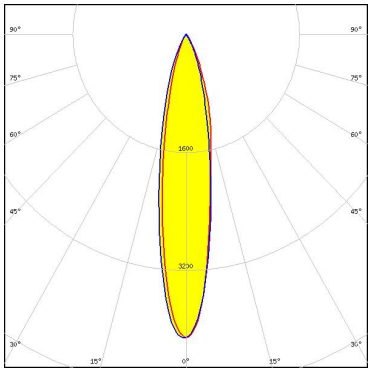
Required components:



LUMINUS

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

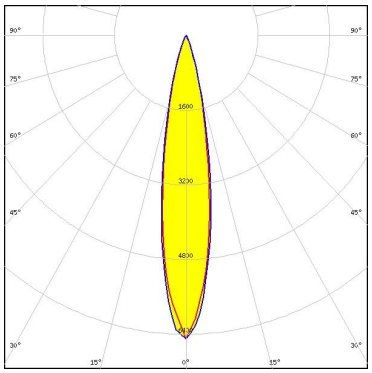
Required components:



OSRAM
Opto Semiconductors

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

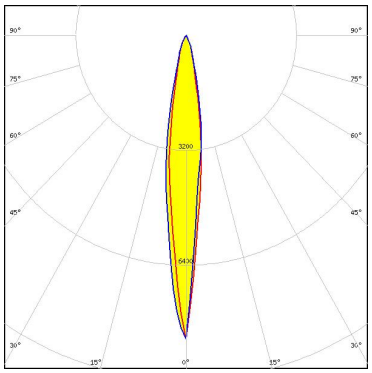
Required components:



PHOTOMETRIC DATA (SIMULATED):

LUMILEDS

LED	LUXEON Rubix
FWHM / FWTM	12.0 + 13.0° / 31.0 + 33.0°
Efficiency	90 %
Peak intensity	8.5 cd/lm
LEDs/each optic	4
Light colour	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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