

RGBX-O

~50°+ 25° oval beam optimized for Osram Ostar-SMT RGB. Assembly with colour mixing sublens and holder.

TECHNICAL SPECIFICATIONS:

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

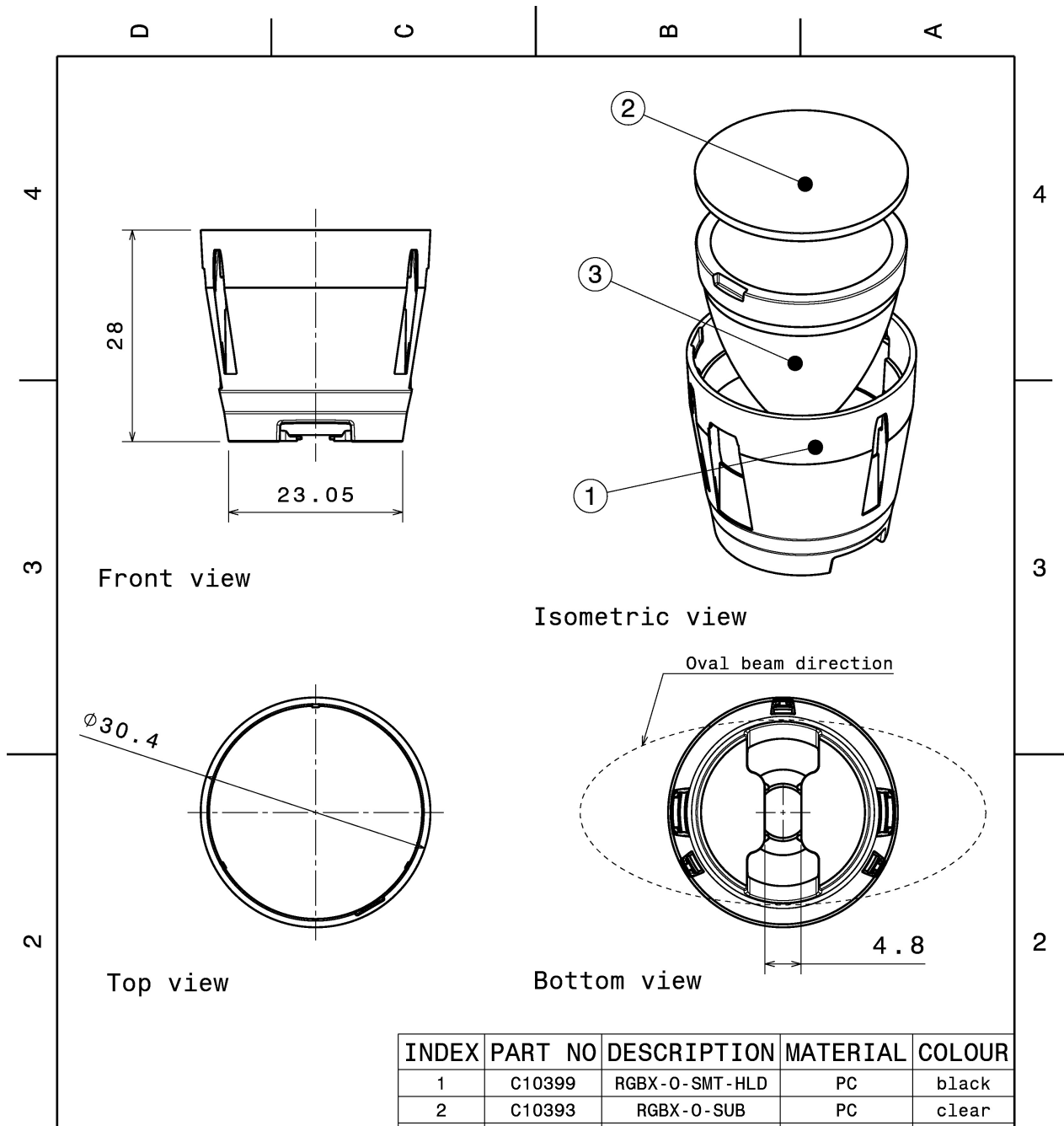


MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CP10767_RGBX-O	Single lens	486		54	7.5
» Box size: 480 x 280 x 300 mm					



INDEX	PART NO	DESCRIPTION	MATERIAL	COLOUR
1	C10399	RGBX-O-SMT-HLD	PC	black
2	C10393	RGBX-O-SUB	PC	clear
3	C10542	RGBX-SS	PMMA	clear

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

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THIRD ANGLE PROJECTION:

DRAWING TITLE

CP10767_RGBX-O

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SIZE PART NUMBER

A4

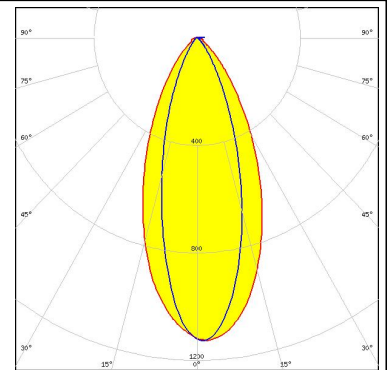
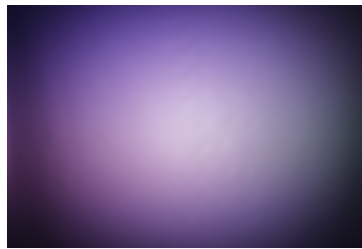
CP10767

SCALE 3:2 WEIGHT 12,7 g SHEET 1/1

PHOTOMETRIC DATA (MEASURED):

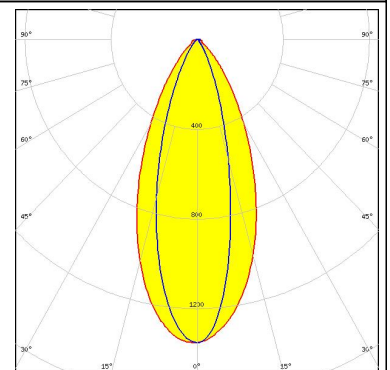
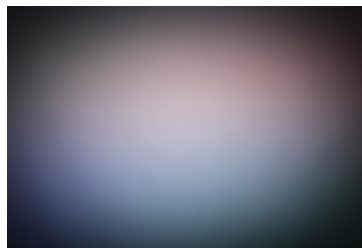
LUMILEDS

LED LUXEON C
 FWHM 47.0 + 32.0°
 Efficiency 65 %
 Peak intensity 1.100 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



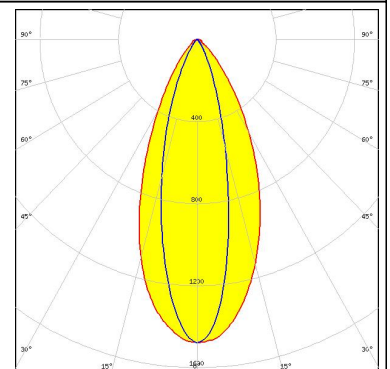
LUMILEDS

LED LUXEON CZ
 FWHM 47.0 + 29.0°
 Efficiency 70 %
 Peak intensity 1.400 cd/lm
 LEDs/each optic 4
 Light colour RGBW
 Required components:



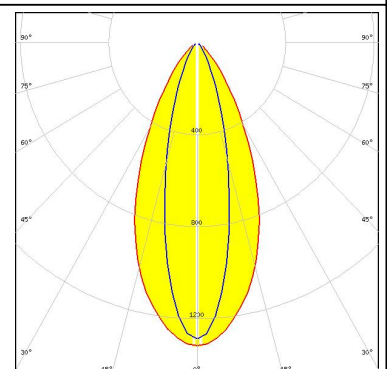
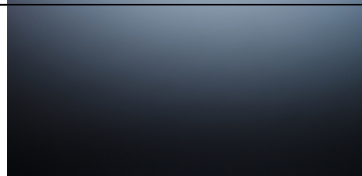
LUMINUS

LED SBM-40-RGBW
 FWHM 47.0 + 27.0°
 Efficiency 71 %
 Peak intensity 1.500 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors
 LED Ostar-SMT RGB
 FWHM 50.0 + 33.0°
 Efficiency 69 %
 Peak intensity cd/lm
 LEDs/each optic 1
 Light colour White
 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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