

RGBX-O

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

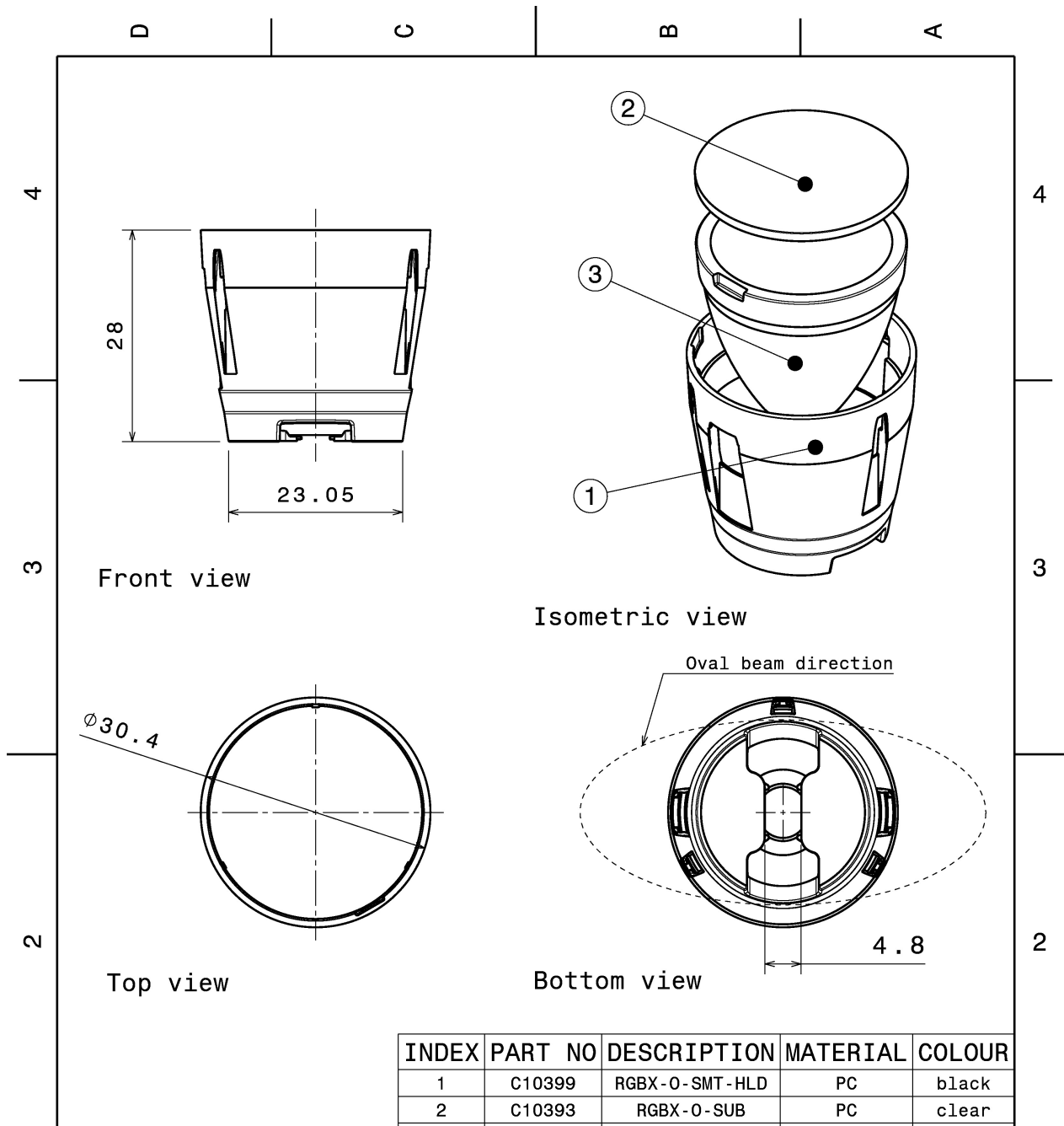
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 30.0 mm
Height	28 mm
Fastening	glue
Colour	black
Box size	480 x 280 x 300 mm
Box weight	7.5 kg
Quantity in Box	486 pcs
ROHS compliant	yes ⓘ



MATERIAL SPECIFICATIONS:

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



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

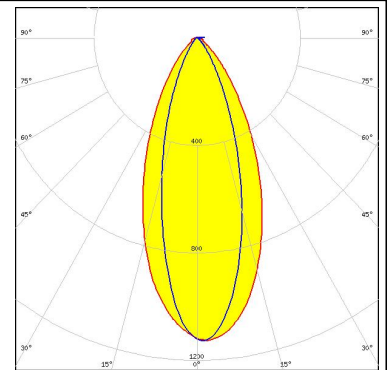
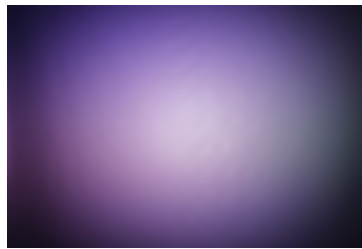
CP10767

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

PHOTOMETRIC DATA (MEASURED):

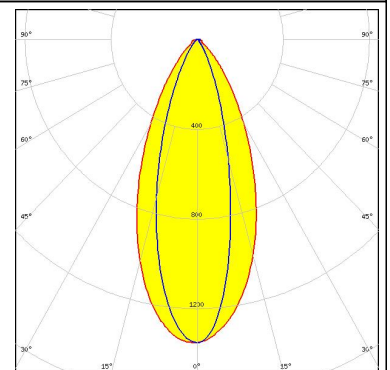
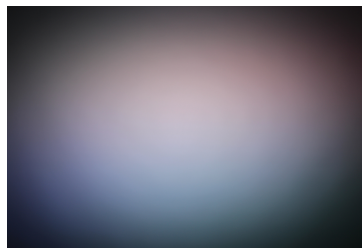
LUMILEDS

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:



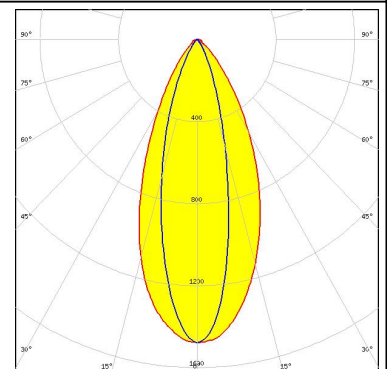
LUMILEDS

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:



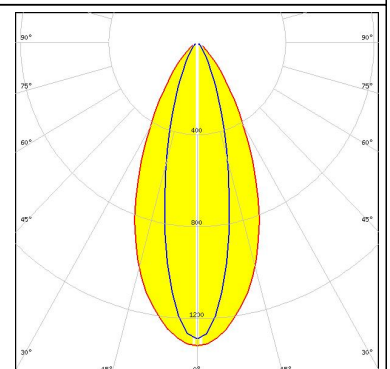
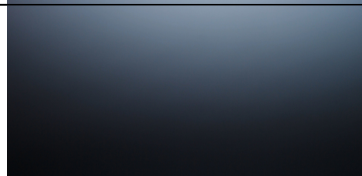
LUMINUS

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:

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