RGBX-O

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



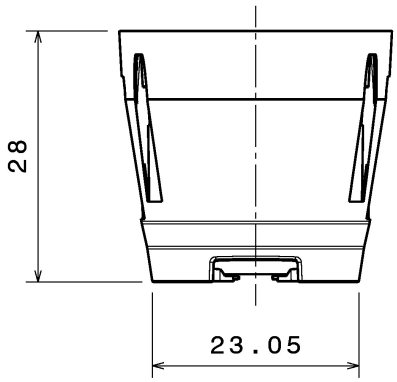
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 30 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

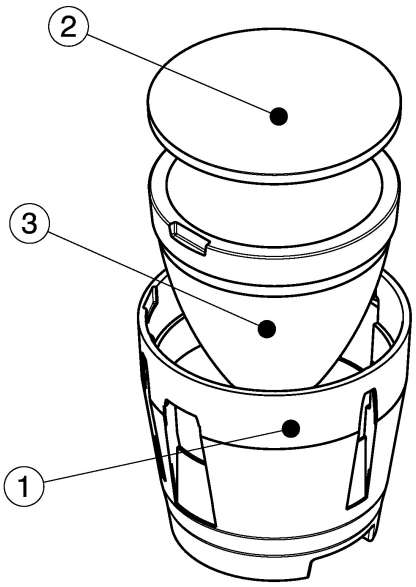
MATERIAL SPECIFICATIONS:

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

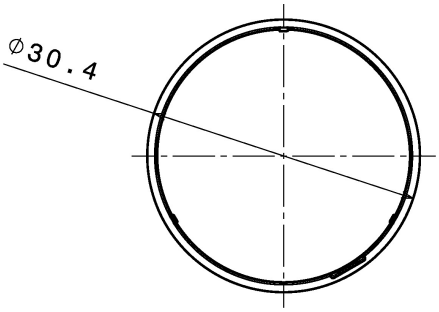
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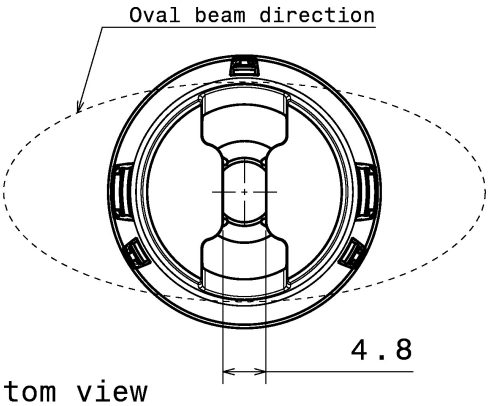
Front view



Isometric view



Top view



Bottom view

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

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THIRD ANGLE PROJECTION:

DRAWING TITLE
CP10767_RGBX-O

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SIZE A4

PART NUMBER
CP10767

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

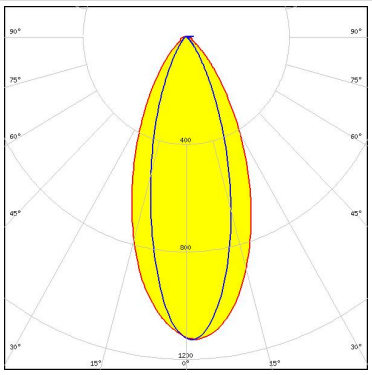
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PHOTOMETRIC DATA (MEASURED):

LUMILEDS

LED	LUXEON C RGBW
FWHM	47.0 + 32.0°
Efficiency	65 %
Peak intensity	1.100 cd/lm
Required components:	

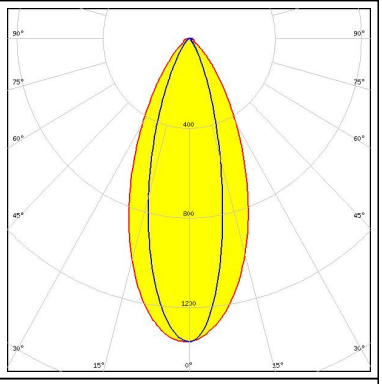




LUMILEDS

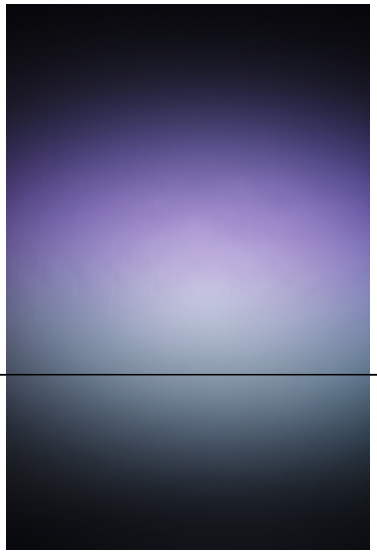
LED	LUXEON CZ RGBW
FWHM	47.0 + 29.0°
Efficiency	70 %
Peak intensity	1.400 cd/lm
Required components:	

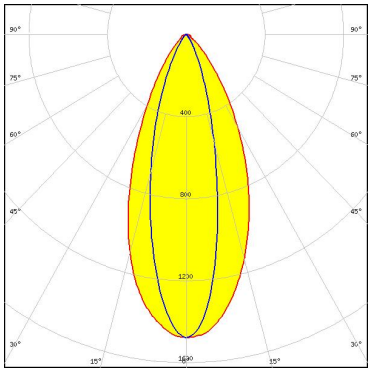




LUMINUS

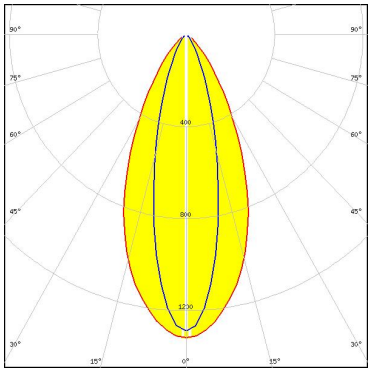
LED	SBM-40-RGBW
FWHM	47.0 + 27.0°
Efficiency	71 %
Peak intensity	1.500 cd/lm
Required components:	





OSRAM
Opto Semiconductors

LED	Ostar-SMT RGB
FWHM	50.0 + 33.0°
Efficiency	69 %
Peak intensity	cd/lm
Required components:	



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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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