

RGBX-O

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

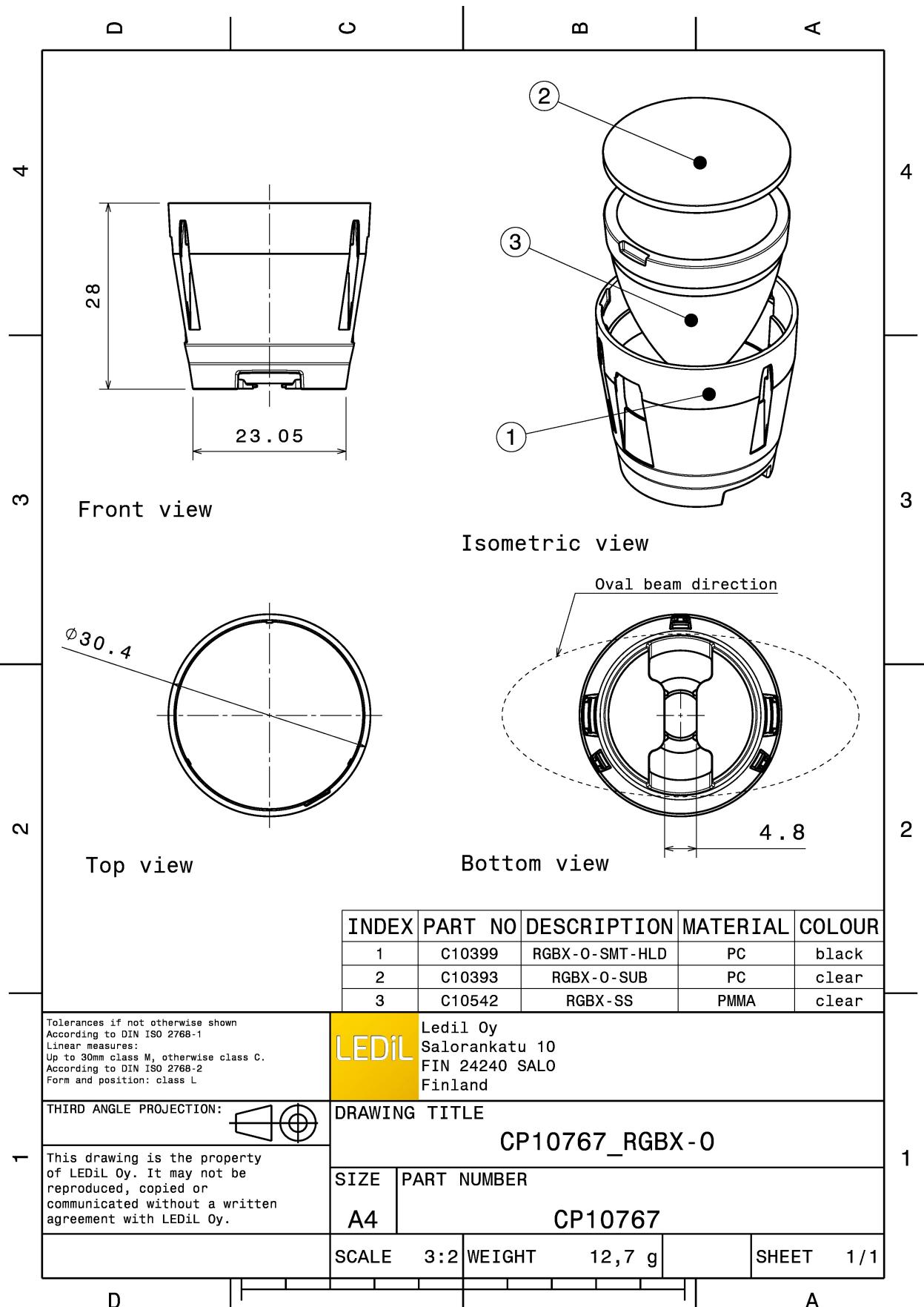


TECHNICAL SPECIFICATIONS:

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:

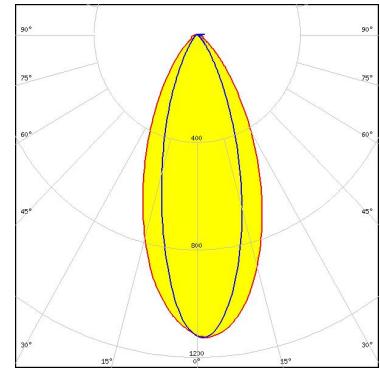
Component	Type	Material	Colour
RGBX-SS	Single lens	PMMA	clear
RGBX-O-SMT-HLD	Holder	PC	black
RGBX-O-SUB	Sublens	PC	clear



PHOTOMETRIC DATA (MEASURED):

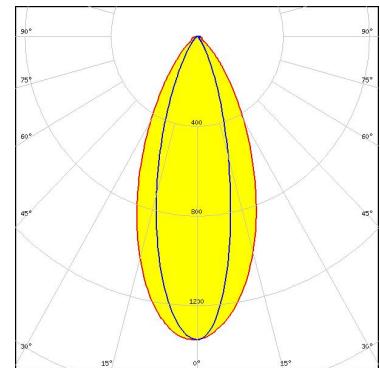
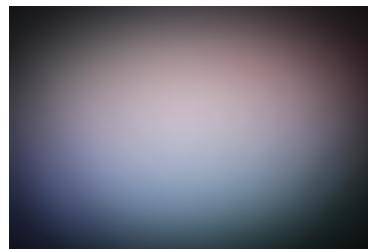
LUMILEDS

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:



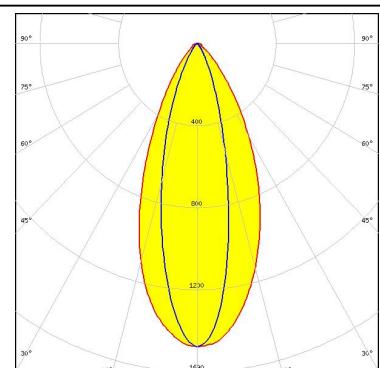
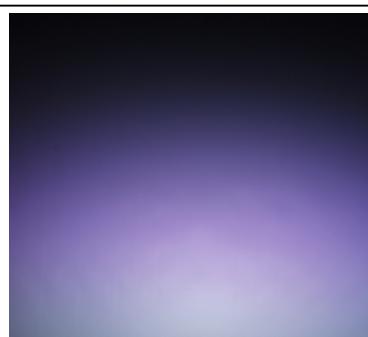
LUMILEDS

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:



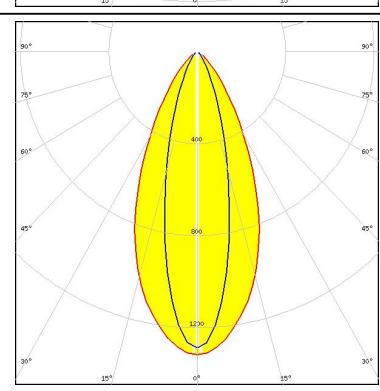
LUMINUS

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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LEDiL Oy
Joensuunkatu 13
FI-24240 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

Local sales and technical support
[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

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