

RGBX-O

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

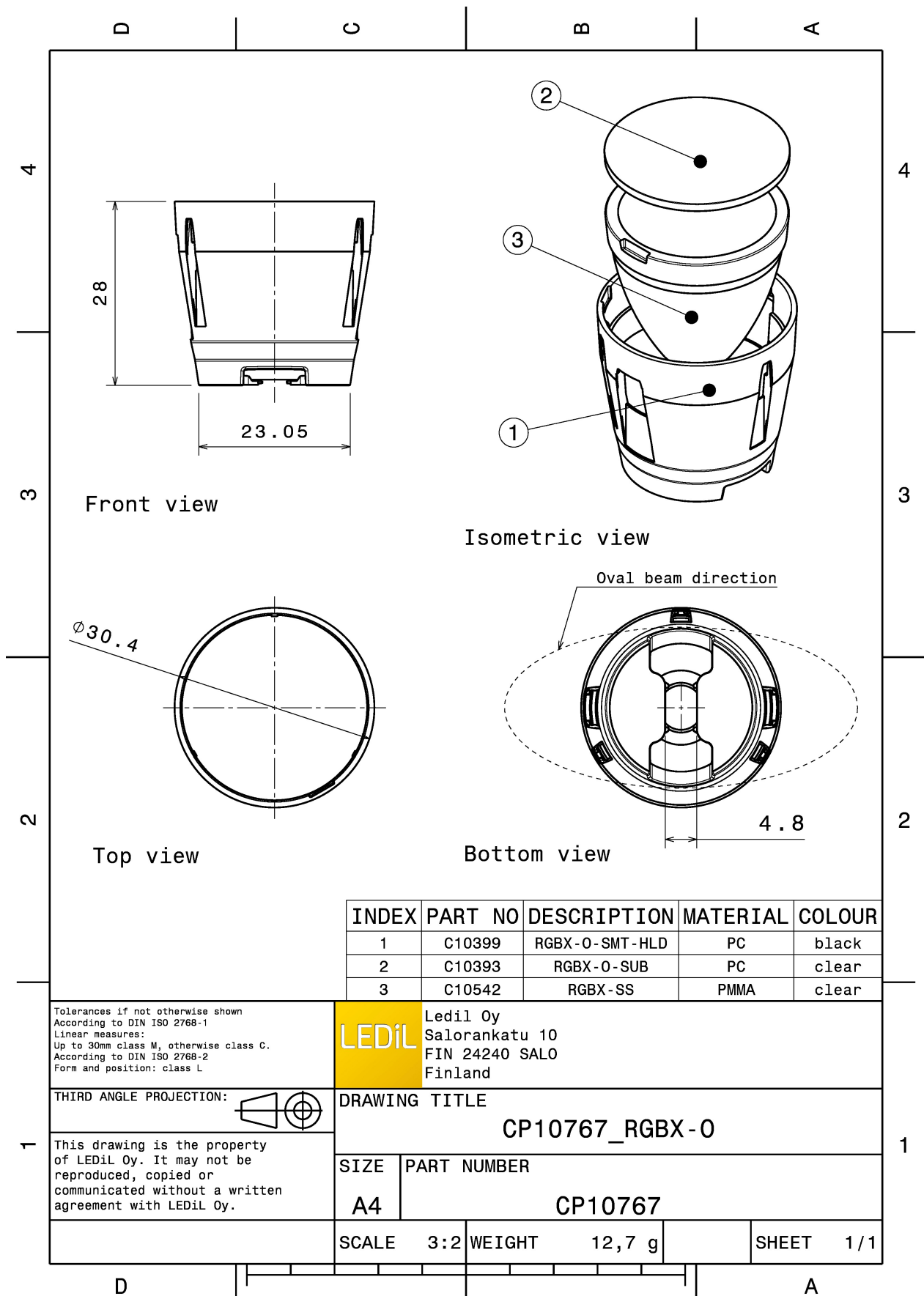
TECHNICAL SPECIFICATIONS:

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:

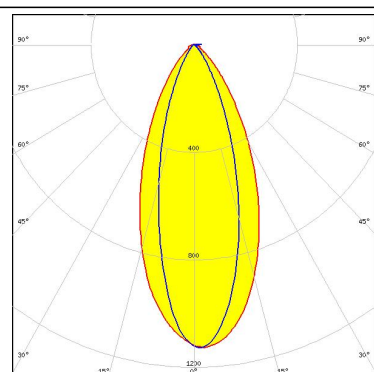
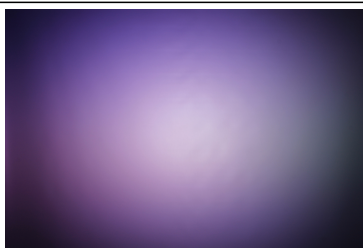
Component	Type	Material	Colour
RGBX-SS	Single lens	PMMA	clear
RGBX-O-SMT-HLD	Holder	PC	black
RGBX-O-SUB	Sublens	PC	clear



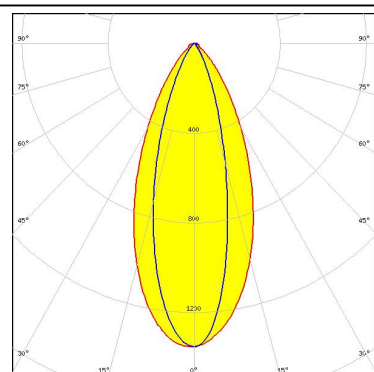
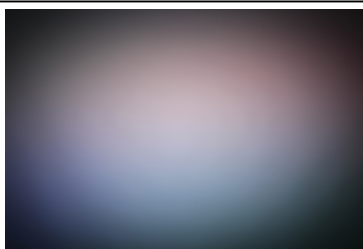
PHOTOMETRIC DATA (MEASURED):



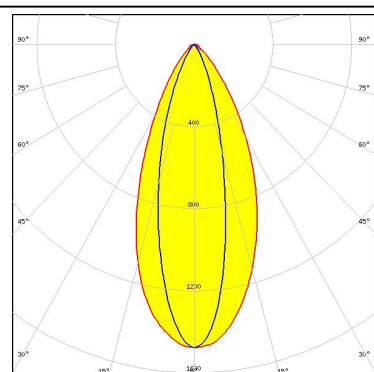
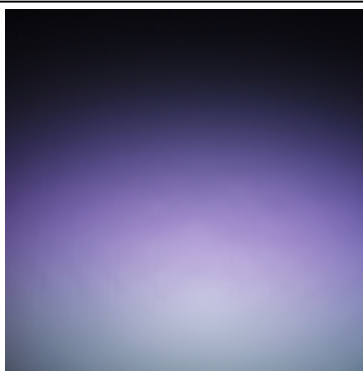
LED LUXEON C
FWHM 47.0 + 32.0°
Efficiency 65 %
Peak intensity 1.100 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



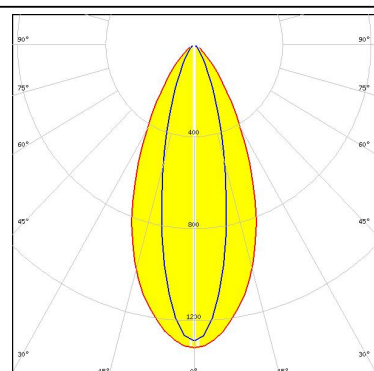
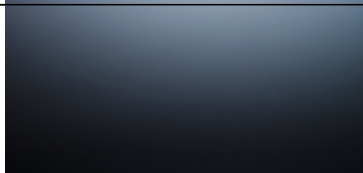
LED LUXEON CZ
FWHM 47.0 + 29.0°
Efficiency 70 %
Peak intensity 1.400 cd/lm
LEDs/each optic 4
Light colour RGBW
Required components:



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:



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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

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)

Shipping locations

Salo, Finland
Hong Kong, China

Distribution Partners

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ledil:

[CP10767_RGBX-O](#)