

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 ⓘ |

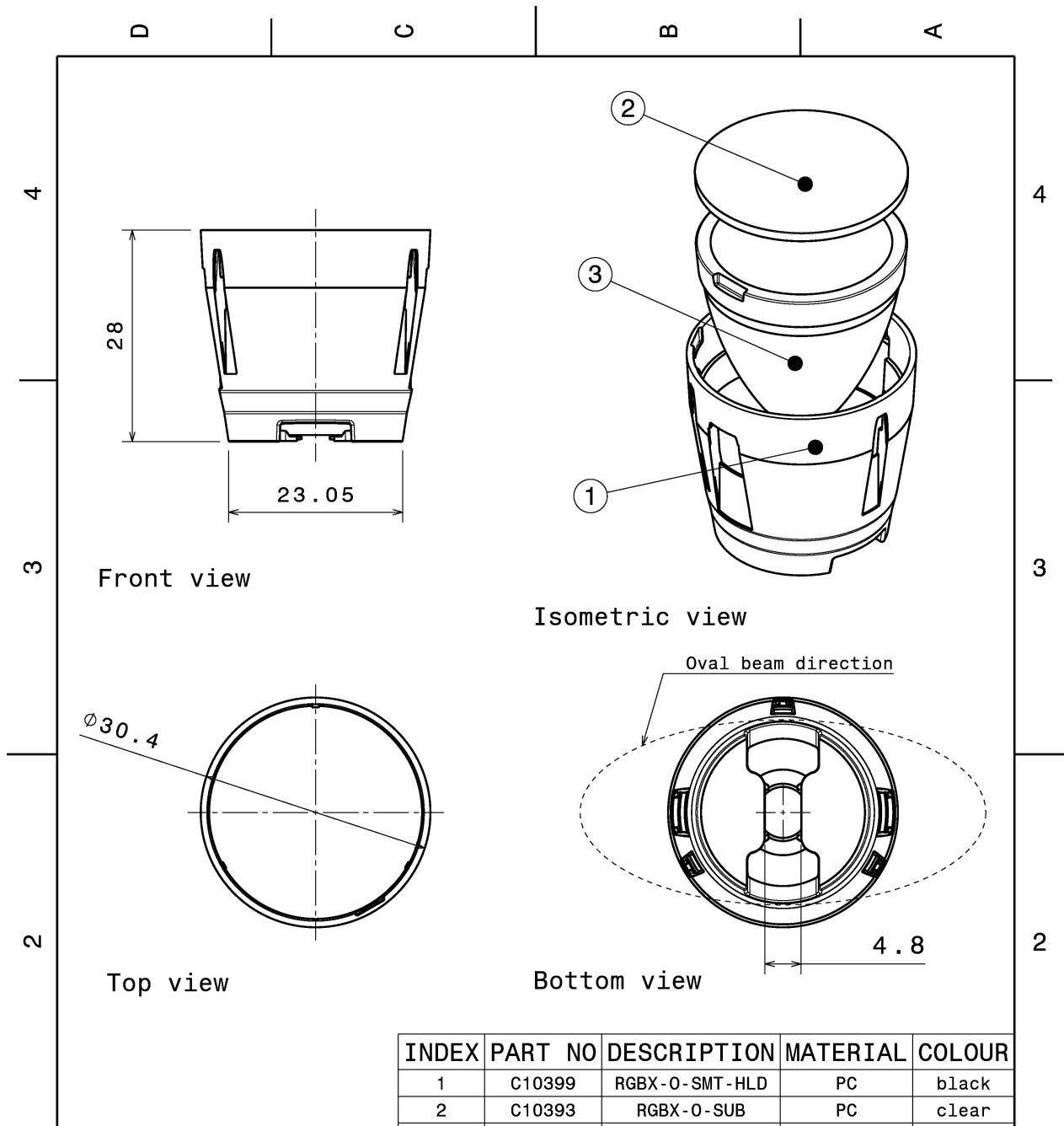


MATERIAL SPECIFICATIONS:

| 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-0

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SIZE PART NUMBER

A4

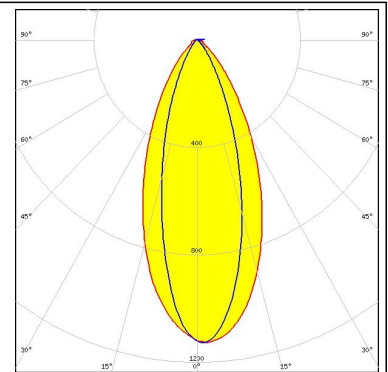
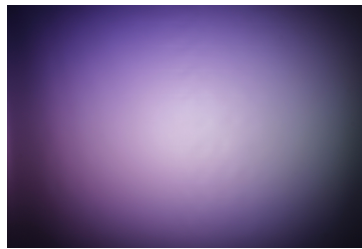
CP10767

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

PHOTOMETRIC DATA (MEASURED):

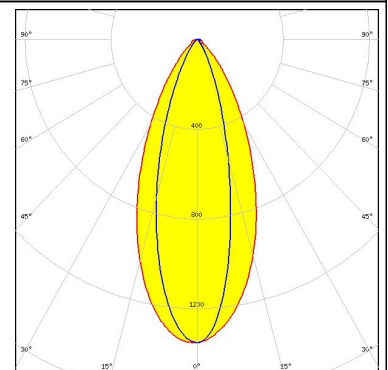
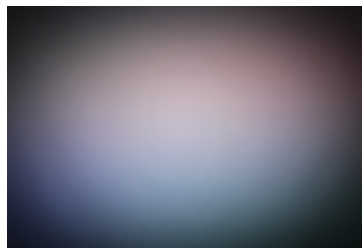
LUMILEDS

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:



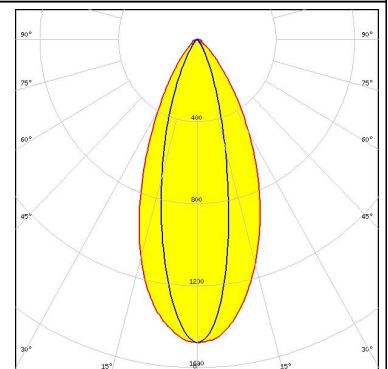
LUMILEDS

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:



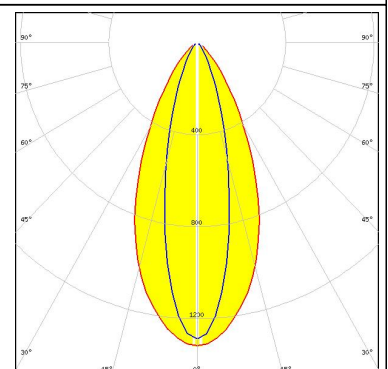
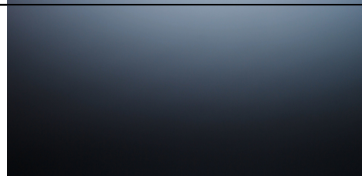
LUMINUS

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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- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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