

RGBX-M

~30° medium beam optimized for CREE MC-E RGB. Assembly with colour mixing sublens and holder.

TECHNICAL SPECIFICATIONS:

| | |
|----------------|-----------|
| Dimensions | Ø 30.4 mm |
| Height | 28.8 mm |
| Fastening | glue |
| ROHS compliant | yes ⓘ |

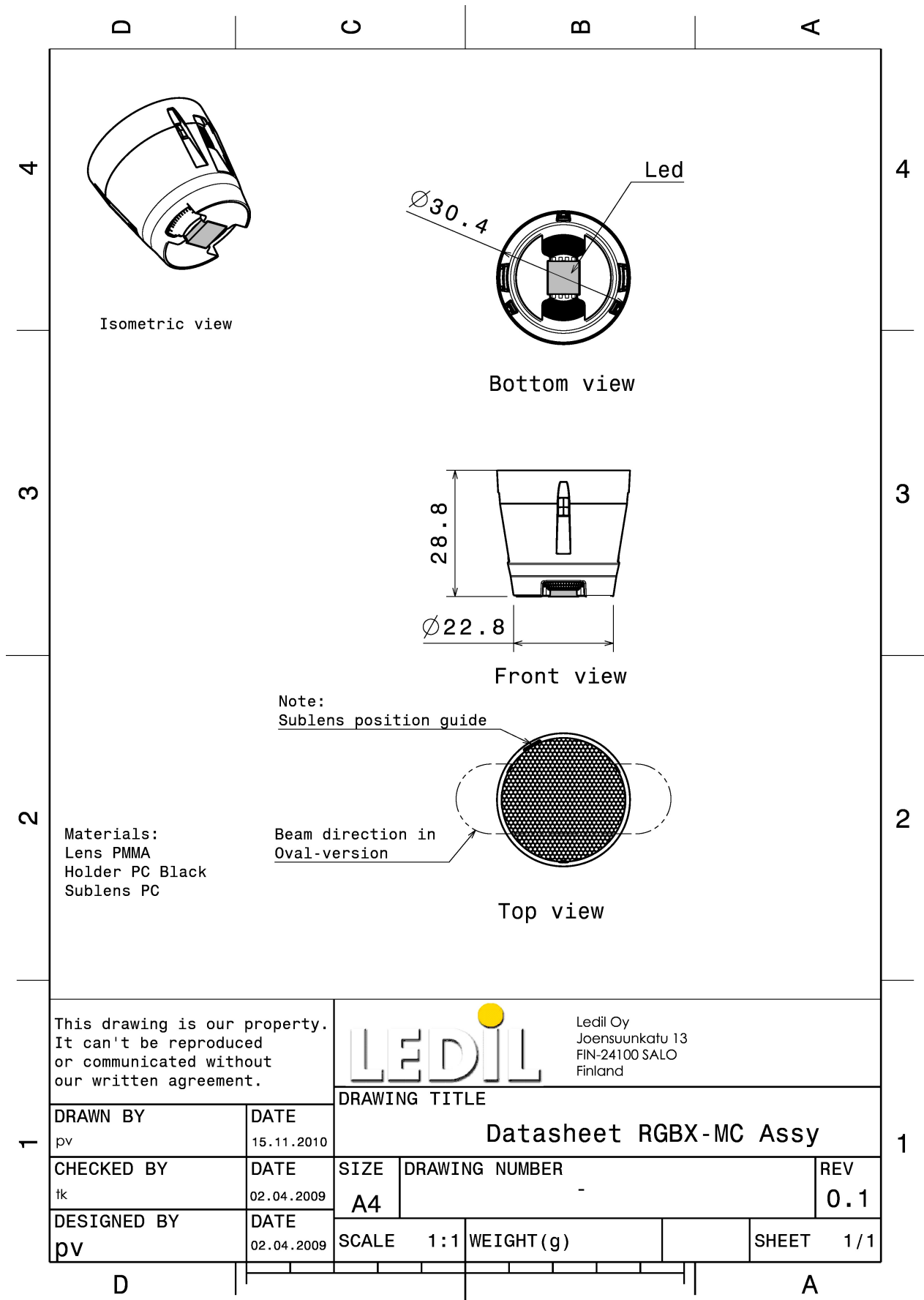


MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|-------------|-------------|----------|--------|--------|
| RGBX-SS | Single lens | PMMA | clear | |
| RGBX-MC-HLD | Holder | PC | black | |
| RGBX-M-SUB | Sublens | PC | clear | |

ORDERING INFORMATION:

| Component | Type | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CP10944_RGBX-M | Single lens | 486 | | 54 | 7.7 |
| » Box size: 480 x 280 x 300 mm | | | | | |



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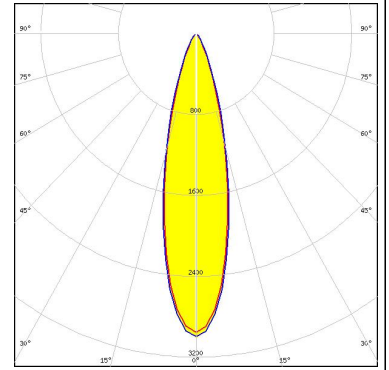
| | | | | | |
|-------------------|--------------------|--------------------|--|-----------|-------------------|
| DRAWN BY pv | | DATE 15.11.2010 | DRAWING TITLE Datasheet RGBX-MC Assy | | |
| CHECKED BY fk | DATE 02.04.2009 | SIZE A4 | DRAWING NUMBER - | | REV 0.1 |
| DESIGNED BY pv | DATE 02.04.2009 | SCALE 1:1 | WEIGHT (g) | SHEET 1/1 | |

See also our general installation guide: www.ledil.com/installation_guide

PHOTOMETRIC DATA (MEASURED):



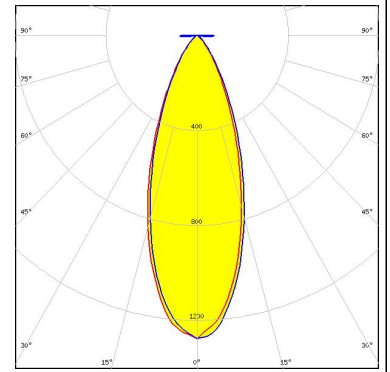
LED MC-E RGB
FWHM / FWTM 26.0°
Efficiency 72 %
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



| | |
|----------------------|---------------|
| LED | LUXEON C |
| FWHM / FWTM | 36.0° / 72.0° |
| Efficiency | 68 % |
| Peak intensity | 1.3 cd/lm |
| LEDs/each optic | 4 |
| Light colour | RGBW |
| 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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