

DETAILS

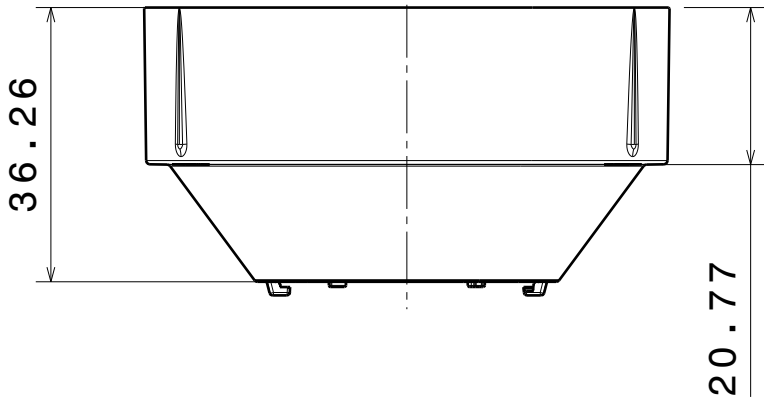
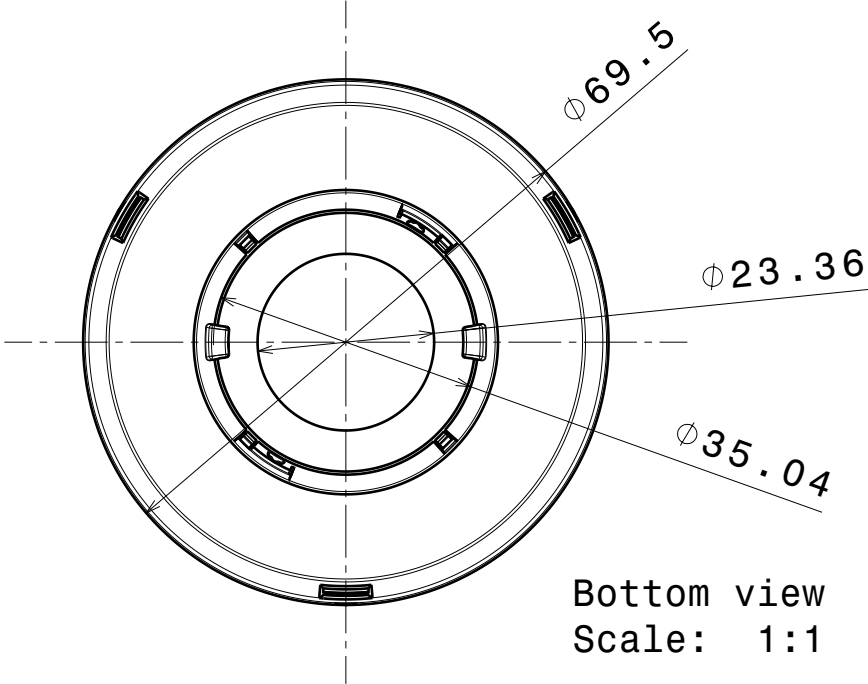
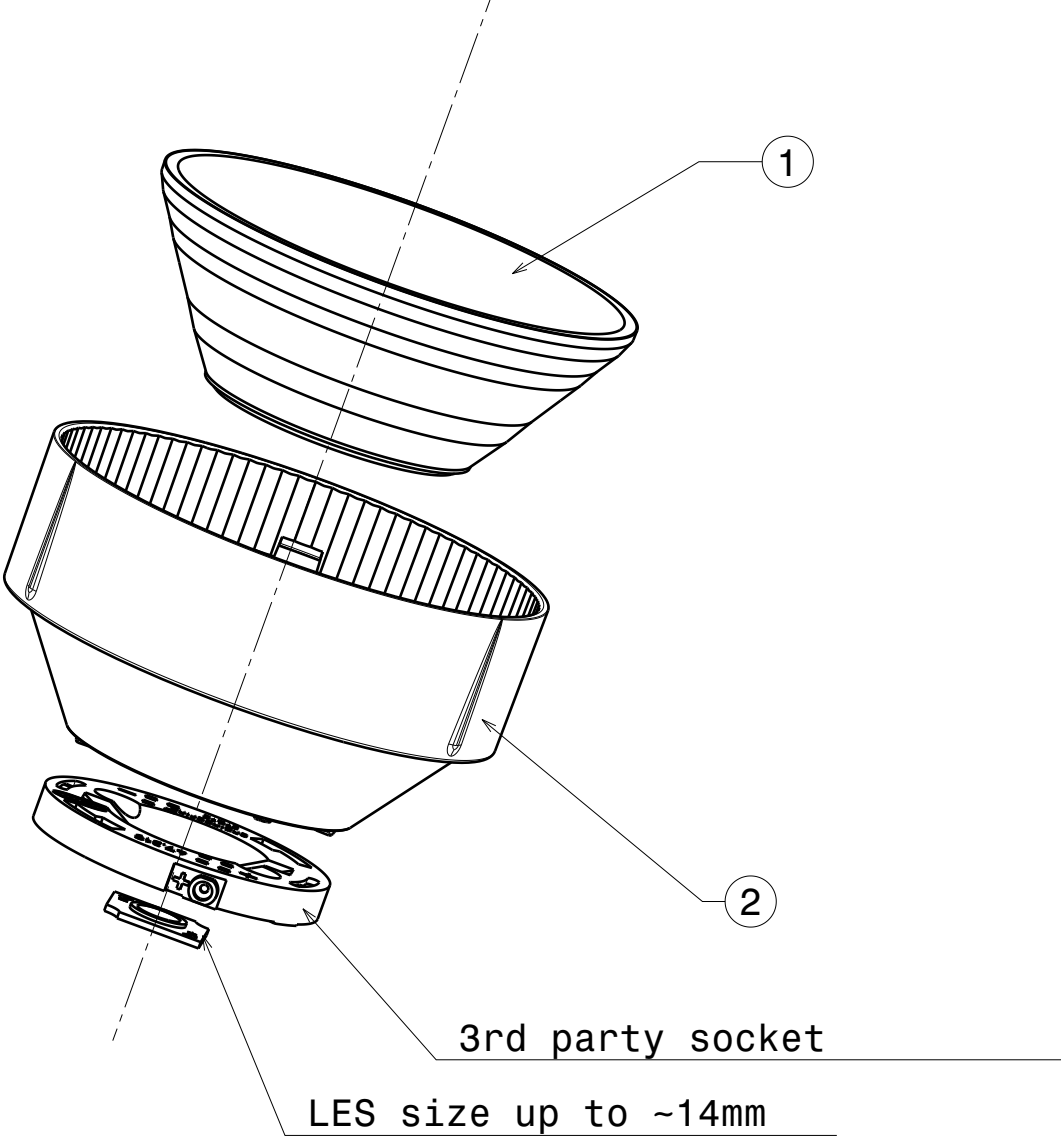
| | |
|-----------------|--------------------|
| Product Number | CP15215_CARMEN-M-B |
| Family | CARMEN |
| Type | Lens |
| Color | black |
| Diameter | 69,5 mm |
| Height | 36,26 mm |
| Style | round |
| Optic Material | PMMA |
| Holder Material | PC |
| Fastening | socket |
| Status | promotion |
| ROHS Compliant | Yes |
| Date Updated | 30/05/2016 |



OPTICAL PROPERTIES

| LED | Viewing | Light | Effi- | | |
|------------|---------|-------|-----------|------------|------------------|
| | Angle | Beam | ciency | cd/lm | Connector |
| | sim: 0 | Spot | - | sim: 0.000 | - |
| | sim: 0 | Spot | - | sim: 0.000 | - |
| CLU700 | sim: 34 | Spot | sim: 77 % | sim: 1.980 | - |
| CXA/B 13xx | sim: 31 | Spot | sim: 74 % | sim: 2.160 | BJB: 47.319.6120 |
| CXA/B 15xx | sim: 25 | Spot | sim: 74 % | sim: 2.340 | BJB: 47.319.6101 |

Example assembly:



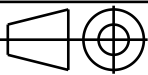
Side view A
Scale: 1:1

| INDEX | PART NO | MATERIAL | COLOUR |
|-------|---------------------|----------|--------|
| 1 | CARMEN-LENS | PMMA | |
| 2 | F15211_CARMEN-HLD-B | PC | BLACK |

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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FIN 24240 SALO
Finland

THIRD ANGLE PROJECTION:



DRAWING TITLE
CARMEN - B

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agreement with LEDiL Oy.

SIZE PART NUMBER
A3

SCALE 1:1 WEIGHT SHEET 1/1

NOTE: The typical divergence will be changed by different color, chip size and chip position tolerance. The typical total divergence is the full angle measured where the luminous intensity is half of the peak value.

GENERAL INFORMATION

- Product series especially designed & optimized for series of LEDs.
- Special care taken to make light distribution as uniform as possible.

Note! Due to use of high power COB's with this product, special attention to proper thermal design is highly recommended. LEDiL has no liability for direct, indirect or consecutive damages arising from the LEDiL products being used outside of the recommended temperature range.