

IDA16-M

~40° medium beam

TECHNICAL SPECIFICATIONS:

| | |
|----------------|----------------|
| Dimensions | 49.3 x 49.5 mm |
| Height | 6 mm |
| Fastening | clips |
| ROHS compliant | yes ⓘ |

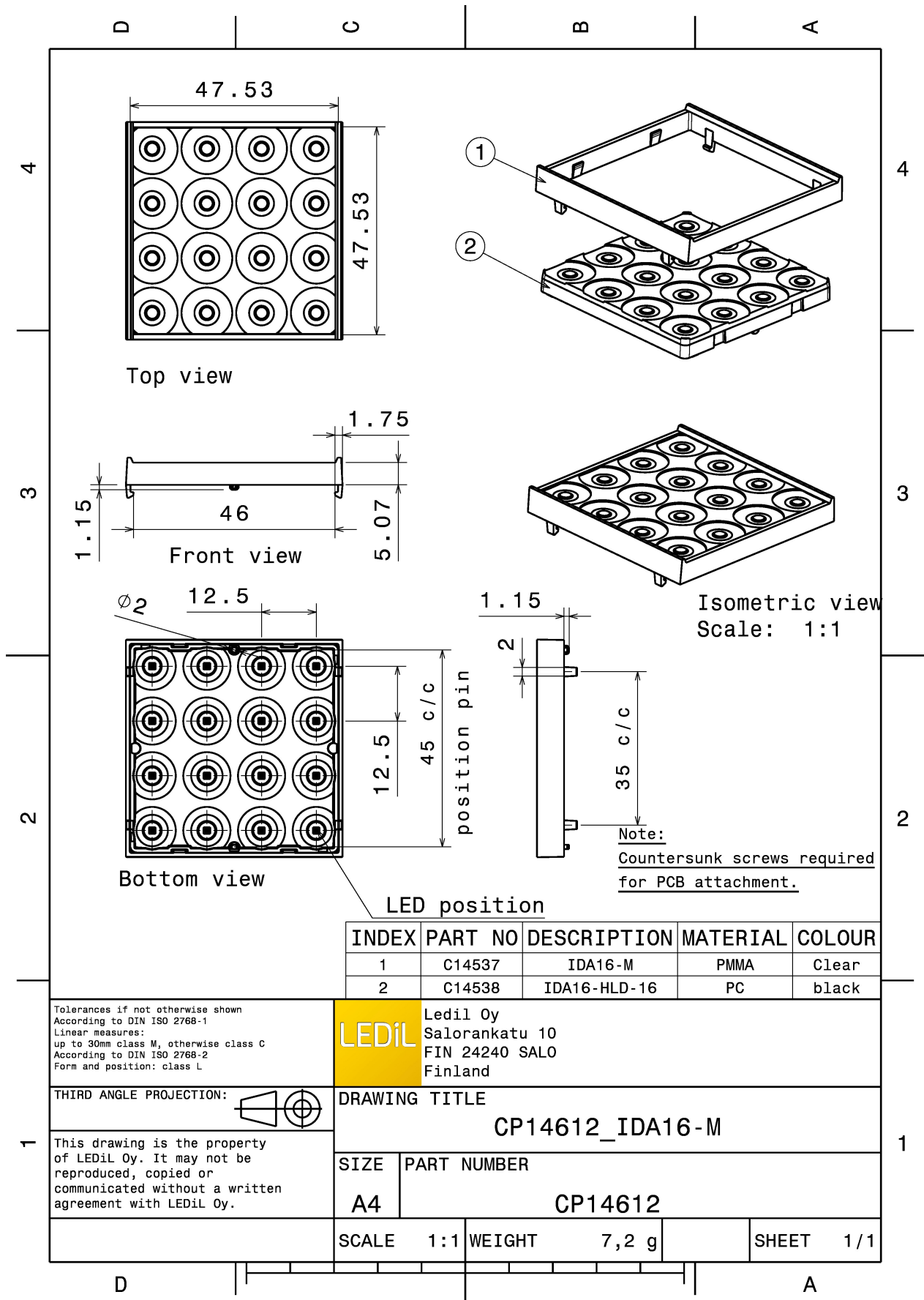
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|--------------|------------|----------|--------|--------|
| IDA16-M | Multi-lens | PMMA | clear | |
| IDA16-HLD-16 | Holder | PC | black | |



ORDERING INFORMATION:

| Component | Type | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|------------|-----|-----|-----------------|
| CP14612_IDA16-M » Box size: 480 x 280 x 300 mm | Multi-lens | 756 | 28 | 28 | 8.1 |



| INDEX | PART NO | DESCRIPTION | MATERIAL | COLOUR |
|-------|---------|--------------|----------|--------|
| 1 | C14537 | IDA16-M | PMMA | Clear |
| 2 | C14538 | IDA16-HLD-16 | 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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THIRD ANGLE PROJECTION:

DRAWING TITLE
CP14612_IDA16-M


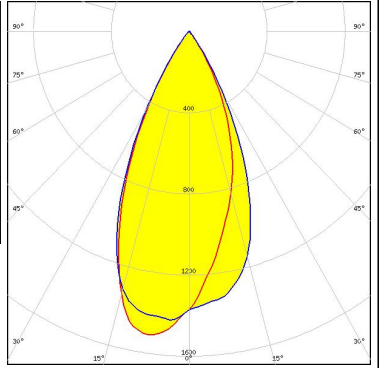

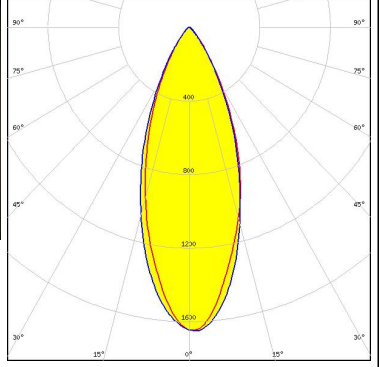
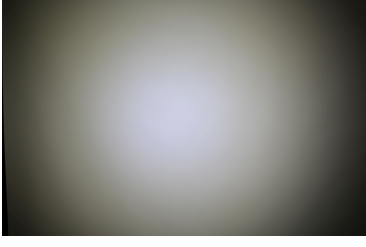
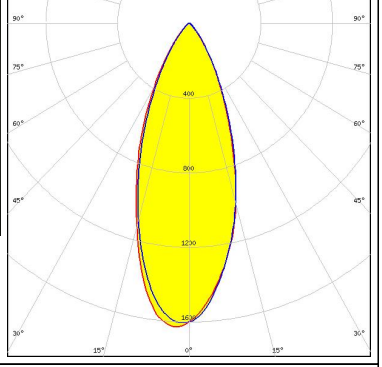
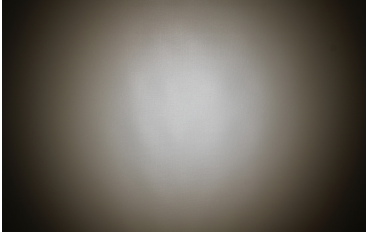
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| SIZE | PART NUMBER |
|------|-------------|
| A4 | CP14612 |

| SCALE | 1:1 | WEIGHT | 7,2 g | SHEET | 1/1 |
|-------|-----|--------|-------|-------|-----|
|-------|-----|--------|-------|-------|-----|

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

PHOTOMETRIC DATA (MEASURED):

| | | |
|---|--|---|
| <p>NICHIA</p> <p>LED NF2x757G FWHM / FWTM 49.0° / 82.0° Efficiency 91 % Peak intensity 1.3 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED Duris S5 (Single chip) FWHM / FWTM 38.0° / 72.0° Efficiency 88 % Peak intensity 1.7 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>SAMSUNG</p> <p>LED LM231 A/B FWHM / FWTM 39.0° / 73.0° Efficiency 89 % Peak intensity 1.6 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |  |
| <p>SAMSUNG</p> <p>LED LM301A FWHM / FWTM 41.0° / 75.0° Efficiency 87 % Peak intensity 1.6 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  | |

PHOTOMETRIC DATA (MEASURED):

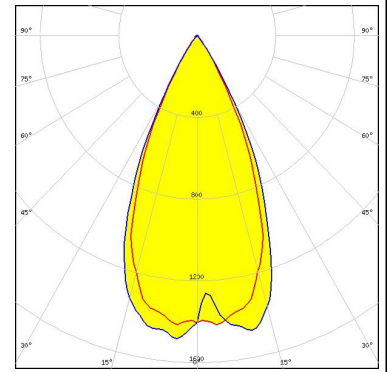


PHOTOMETRIC DATA (SIMULATED):

OSRAM

Opto Semiconductors

LED Duris S5 (2 chip)
 FWHM / FWTM 40.0° / 68.0 + 66.0°
 Efficiency 92 %
 Peak intensity 1.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

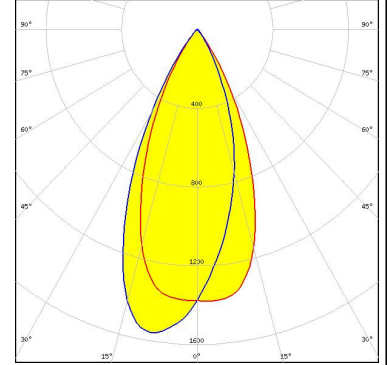


OSRAM

Opto Semiconductors

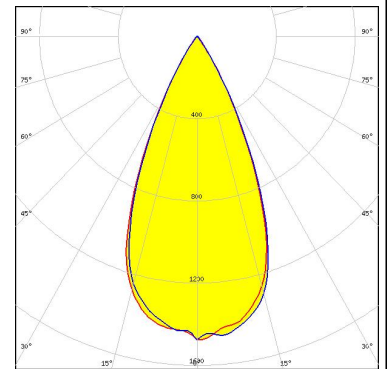
LED Duris S5 (Single chip)
 FWHM / FWTM 42.0° / 69.0°
 Efficiency 86 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

Protective plate, glass



SAMSUNG

LED LH181B
 FWHM / FWTM 47.0° / 67.0°
 Efficiency 91 %
 Peak intensity 1.5 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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