

TINA-M

~30° medium beam. Assembly with holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

| | |
|----------------|-----------|
| Dimensions | Ø 16.1 mm |
| Height | 9.5 mm |
| Fastening | pin, tape |
| ROHS compliant | yes ⓘ |

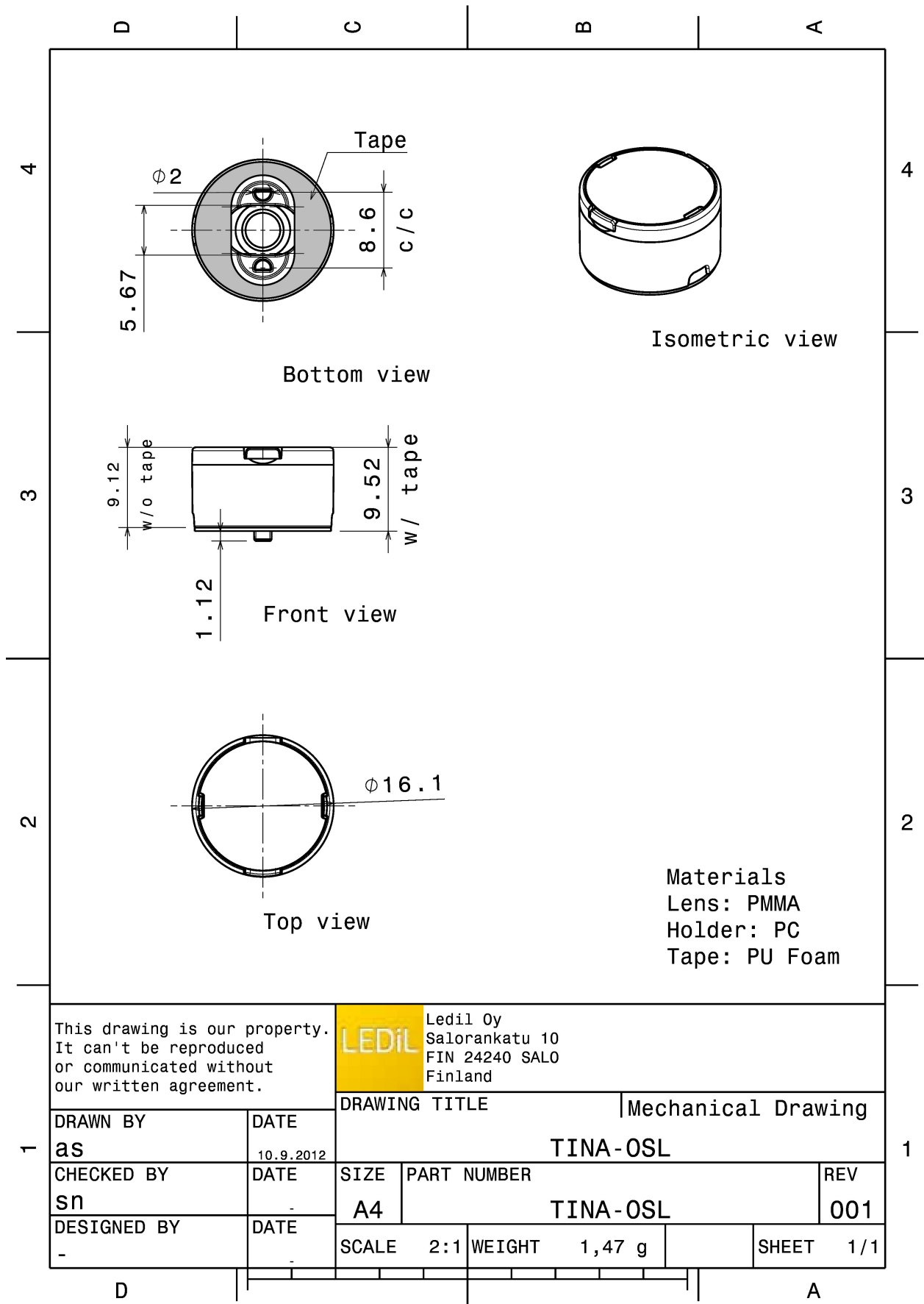


MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|------------------|-------------|--------------|--------|--------|
| TINA-M | Single lens | PMMA | clear | |
| TINA-HLD-PIN-BLK | Holder | PC | black | |
| TINA-TAPE3 | Tape | Acrylic foam | black | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|----------------|-------------|------------|-----|-----|-----------------|
| FA11206_TINA-M | Single lens | 2016 | 288 | 144 | 4.1 |
| » Box size: | | | | | |

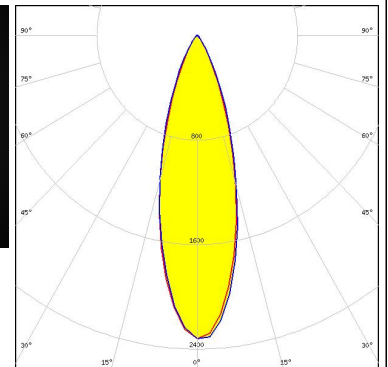
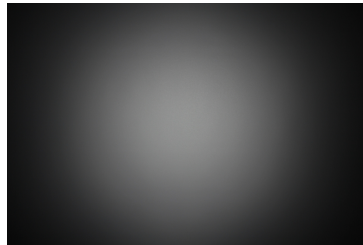


See also our general installation guide: www.ledil.com/installation_guide

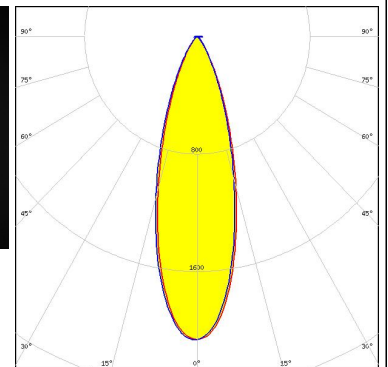
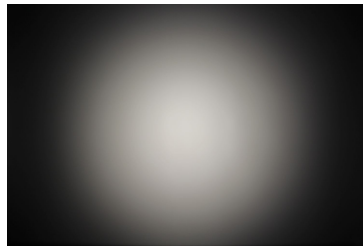
PHOTOMETRIC DATA (MEASURED):



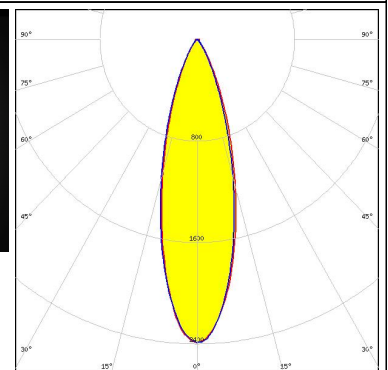
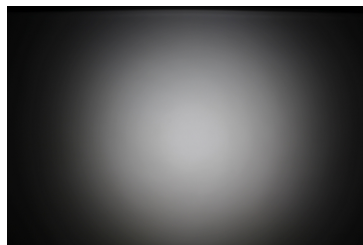
LED XB-H
FWHM / FWTM 31.0° / 58.0°
Efficiency 80 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW3x9A
FWHM / FWTM 31.0° / 60.0°
Efficiency 78 %
Peak intensity 2.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Duris S5 (2 chip)
FWHM / FWTM 29.0° / 58.0°
Efficiency 82 %
Peak intensity 2.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED OSLOM SSL 150
FWHM / FWTM 30.0° / 54.0°
Efficiency 85 %
Peak intensity 2 cd/lm
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 24.0° / 56.0°
Efficiency 83 %
Peak intensity 2.3 cd/lm
LEDs/each optic 1
Light colour White
Required components:

OSRAM

Opto Semiconductors

LED SFH 4715S
FWHM / FWTM 28.0° / 56.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

OSRAM

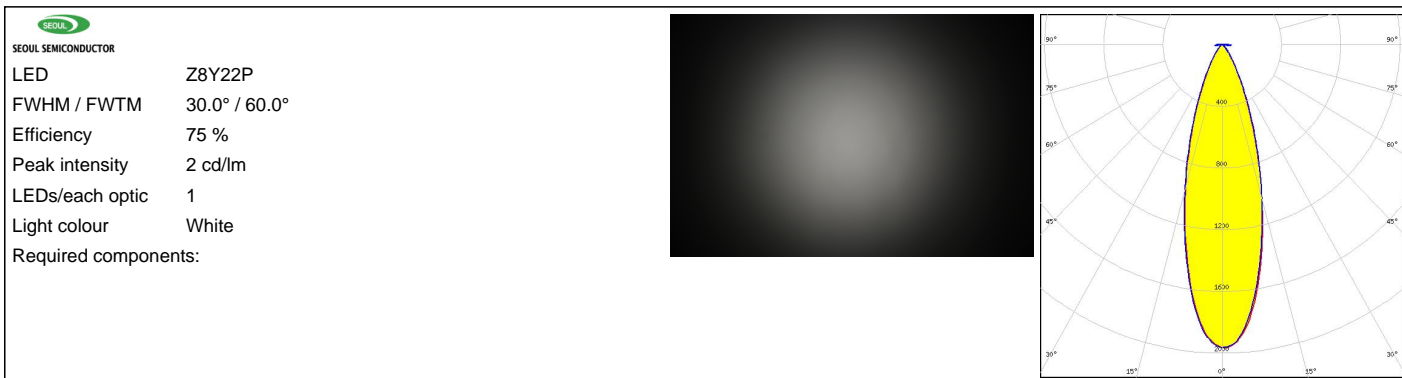
Opto Semiconductors

LED SFH 4725S
FWHM / FWTM 27.0° / 58.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

SAMSUNG

LED LH351A
FWHM / FWTM 32.0° / 60.0°
Efficiency 91 %
Peak intensity 1.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:

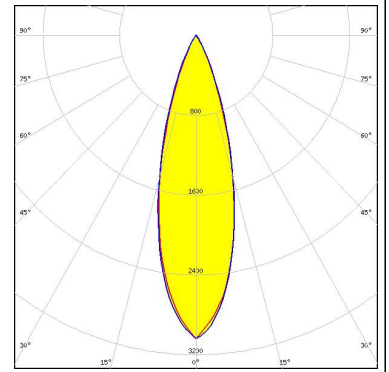
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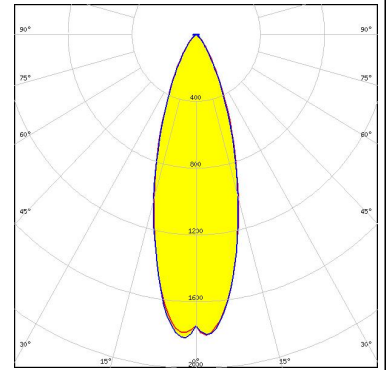
PHOTOMETRIC DATA (SIMULATED):



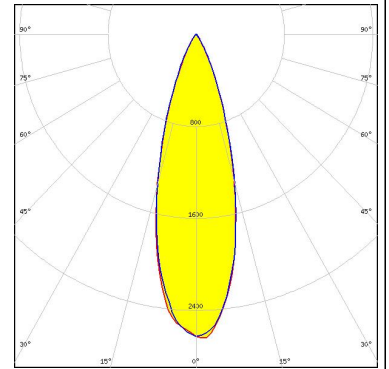
LED LUXEON SunPlus 20 Line (150 deg)
FWHM / FWTM 30.0° / 53.0°
Efficiency 89 %
Peak intensity 3 cd/lm
LEDs/each optic 1
Light colour White
Required components:



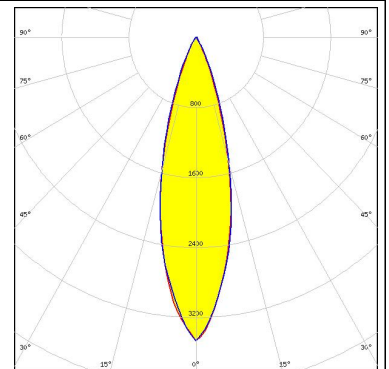
LED NCSxE17A
FWHM / FWTM 33.0° / 65.0°
Efficiency 79 %
Peak intensity 1.8 cd/lm
LEDs/each optic 4
Light colour White
Required components:



LED NVSxx19B/NVSxx19C
FWHM / FWTM 30.0°
Efficiency 86 %
Peak intensity 2.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED SYNIOS S2222 (KW DDLM31)
FWHM / FWTM 28.0° / 50.0 + 52.0°
Efficiency 97 %
Peak intensity 3.5 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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