

TINA3-WW

~55° wide beam optimized for CREE XP-E.
Assembly with holder, installation tape and
location pins.

TECHNICAL SPECIFICATIONS:

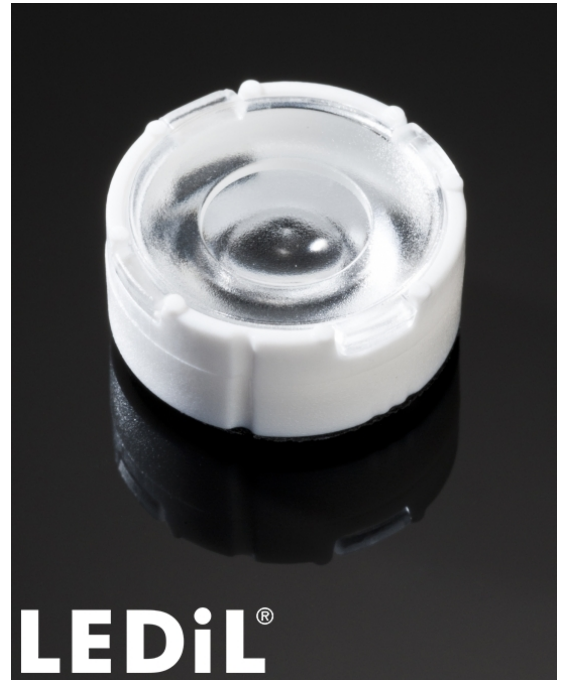
| | |
|----------------|-----------|
| Dimensions | Ø 16.1 mm |
| Height | 7.1 mm |
| Fastening | pin, tape |
| ROHS compliant | yes ⓘ |

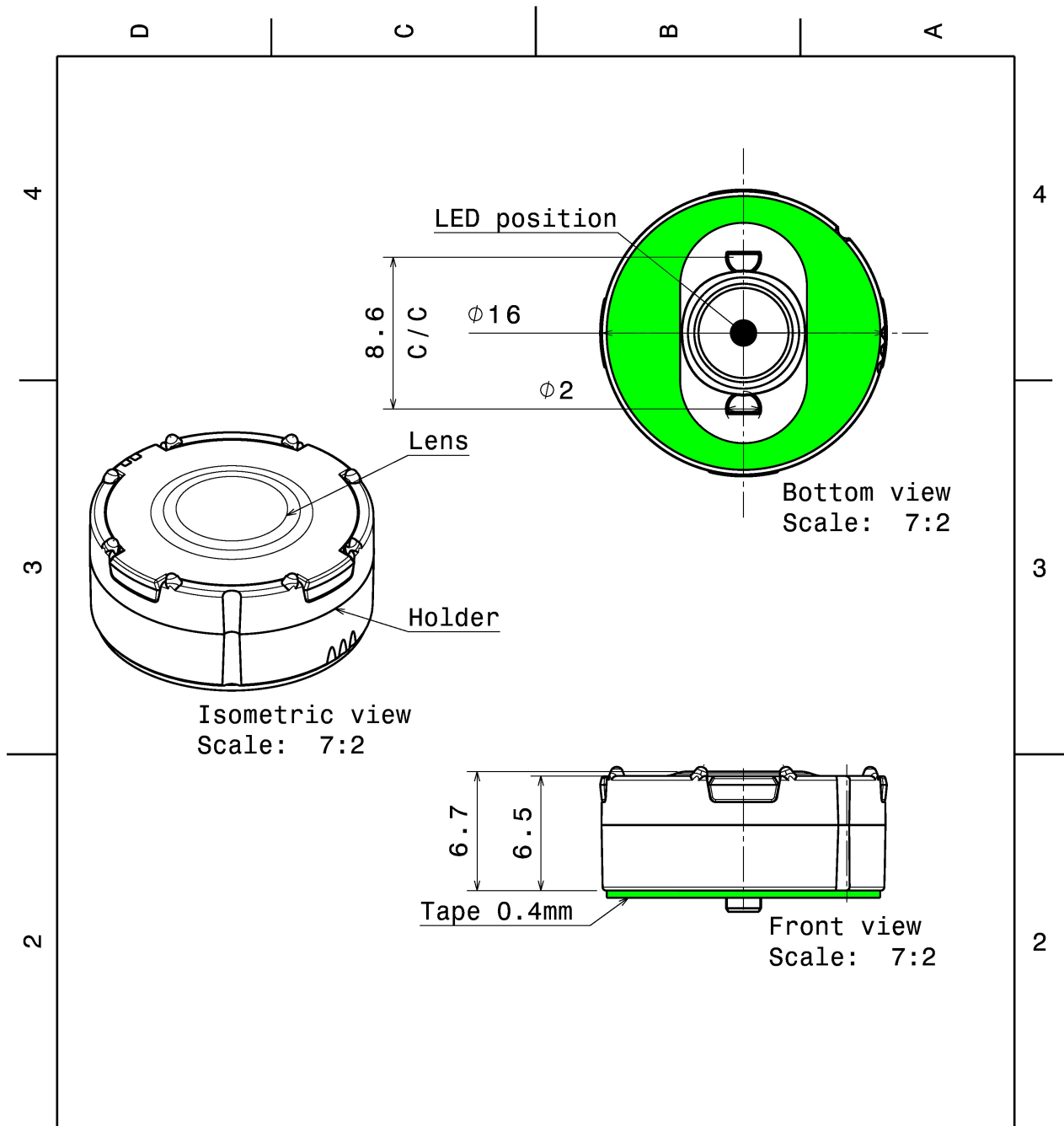
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|-----------------------|-------------|----------|--------|--------|
| TINA3-WW | Single lens | PMMA | clear | |
| TINA3-HLD-PIN-TAPE-XP | Holder | PC | white | |
| TINA-TAPE3 | Tape | PU tape | black | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| FA11903_TINA3-WW | Single lens | 2016 | 288 | 288 | 3.2 |
| » Box size: 470 x 240 x 105 mm | | | | | |





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 Ledil Oy
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Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
FA11903_TINA3-VV

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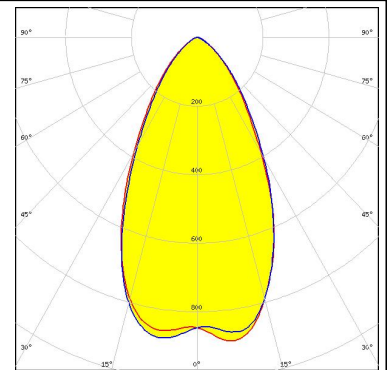
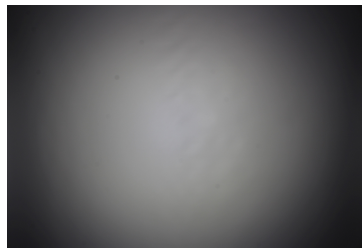
| | |
|------|-------------|
| SIZE | PART NUMBER |
| A4 | FA11903 |

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

PHOTOMETRIC DATA (MEASURED):

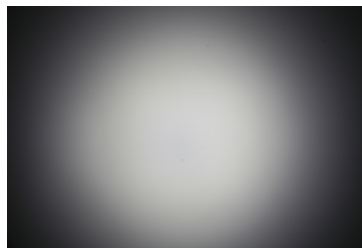
CREE

LED XM-L
 FWHM 56.0°
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



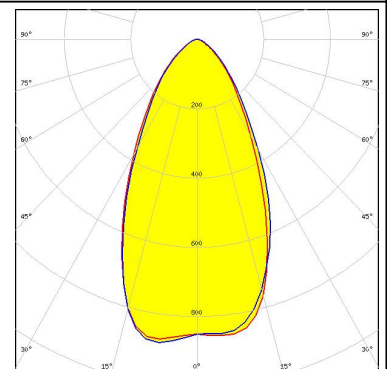
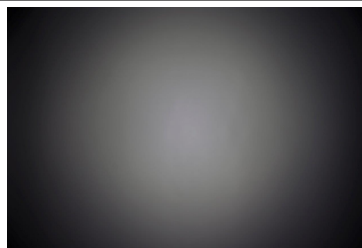
CREE

LED XM-L2
 FWHM 56.0°
 Efficiency 89 %
 LEDs/each optic 1
 Light colour White
 Required components:



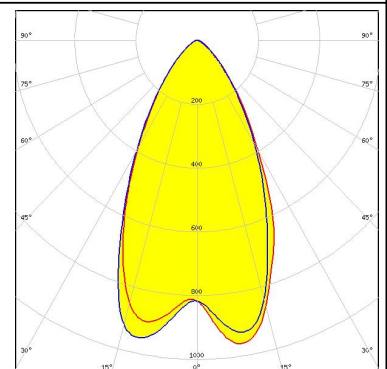
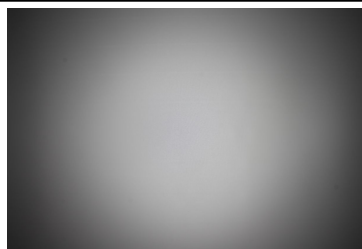
CREE

LED XP-L HD
 FWHM 53.0°
 Efficiency 91 %
 Peak intensity 0.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



CREE

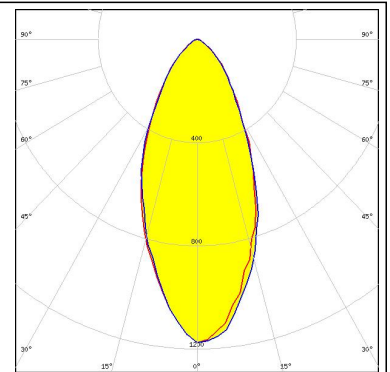
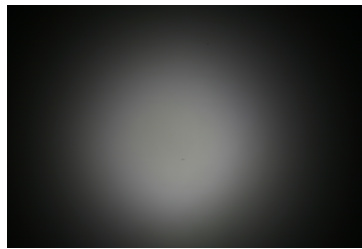
LED XP-L HI
 FWHM 54.0°
 Efficiency 91 %
 Peak intensity 1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



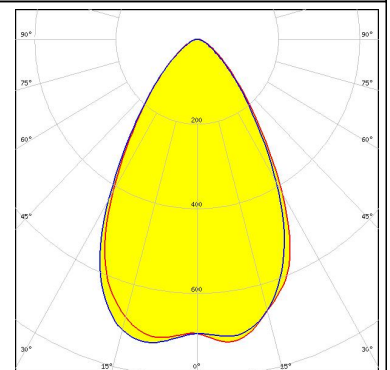
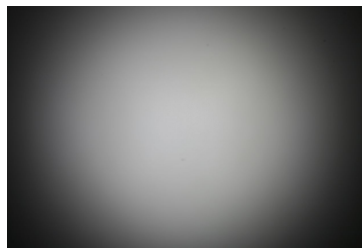
PHOTOMETRIC DATA (MEASURED):



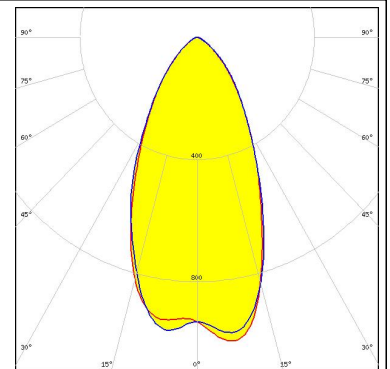
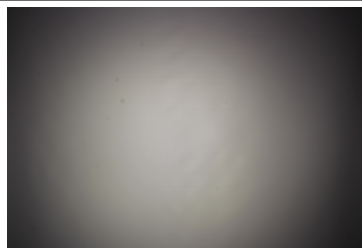
LED XT-E
FWHM 46.0°
Efficiency 92 %
Peak intensity 1.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NS9x383
FWHM 65.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



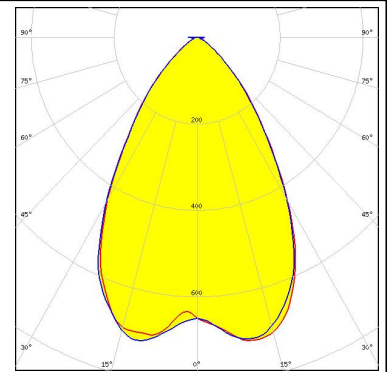
LED NVSW219F
FWHM 51.0°
Efficiency 92 %
Peak intensity 1 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



LED XD16
FWHM 61.0°
Efficiency 91 %
Peak intensity 0.8 cd/lm
LEDs/each optic 4
Light colour White
Required components:



LED XM-L HVW
FWHM 62.0°
Efficiency %
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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