

TINA3-WWW

~70° wide beam optimized for CREE XP-E.
Assembly with holder, installation tape and location pins.

TECHNICAL SPECIFICATIONS:

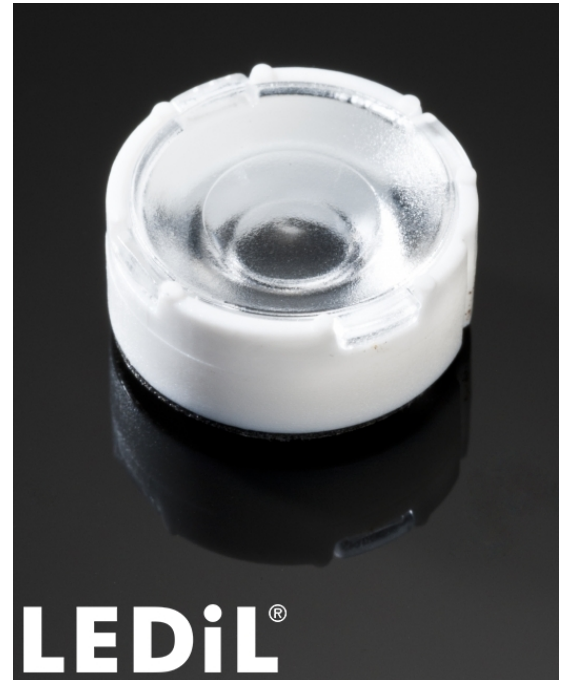
| | |
|----------------|-----------|
| Dimensions | Ø 16.1 mm |
| Height | 7 mm |
| Fastening | tape, pin |
| ROHS compliant | yes ⓘ |

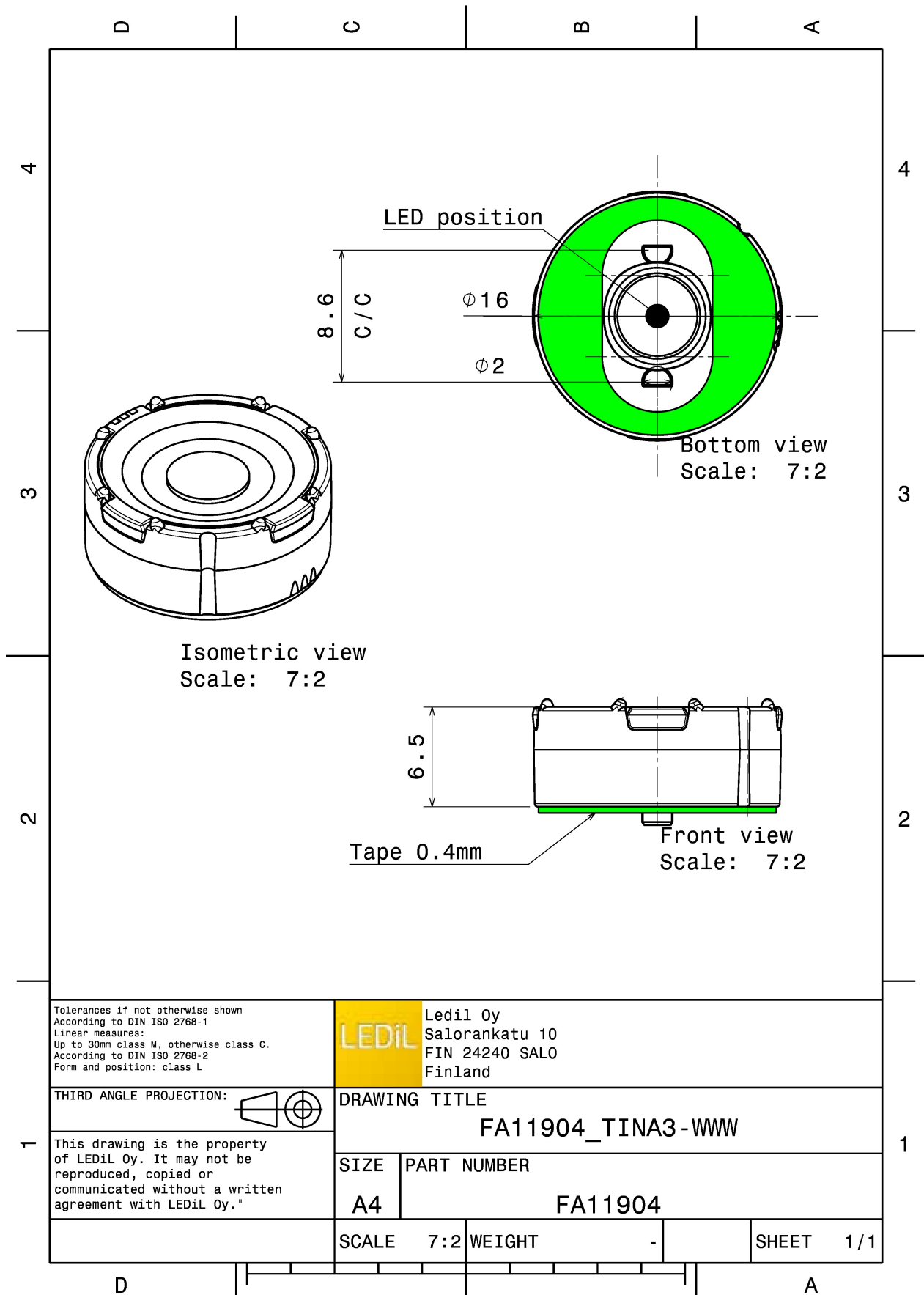
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|-----------------------|-------------|----------|--------|--------|
| TINA3-WWW | 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) |
|-------------------|-------------|------------|-----|-----|-----------------|
| FA11904_TINA3-WWW | Single lens | 2016 | 288 | 288 | 3.0 |
| » Box size: | | | | | |

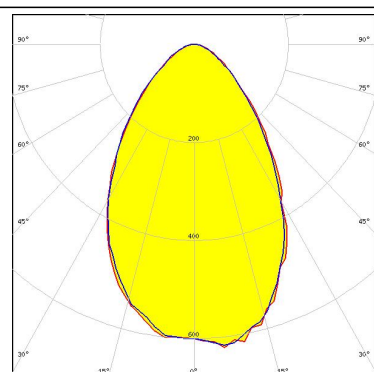




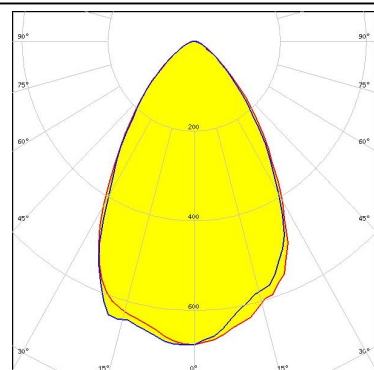
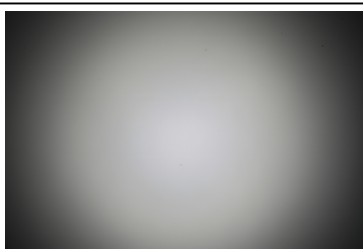
PHOTOMETRIC DATA (MEASURED):



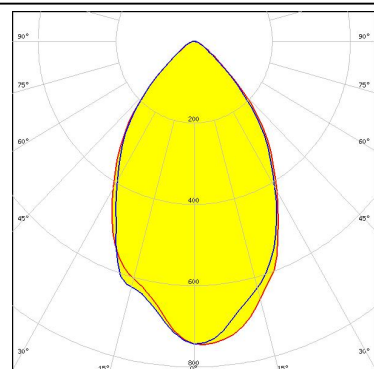
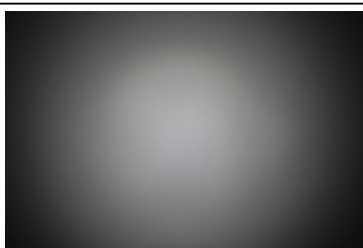
LED XM-L
FWHM 70.0°
Efficiency 89 %
Peak intensity 0.6 cd/Im
LEDs/each optic 1
Light colour White
Required components:



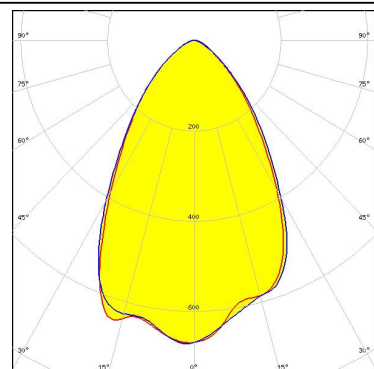
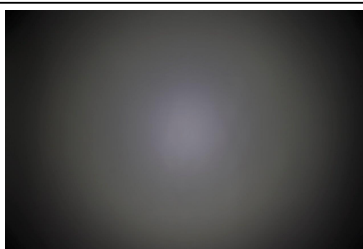
LED XM-L2
FWHM 71.0°
Efficiency 88 %
Peak intensity 0.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



LED XP-G2
FWHM 67.0°
Efficiency 90 %
Peak intensity 0.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



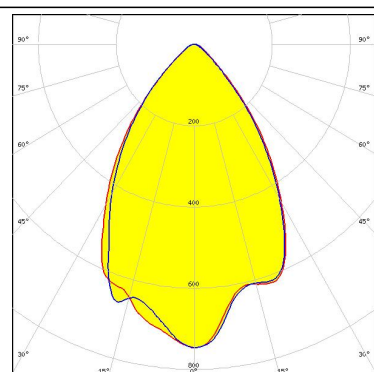
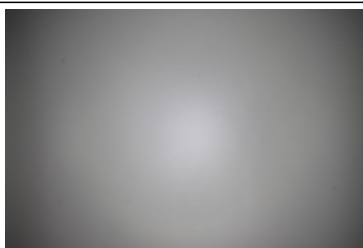
LED XP-L HD
FWHM 65.0°
Efficiency 89 %
Peak intensity 0.7 cd/Im
LEDs/each optic 1
Light colour White
Required components:



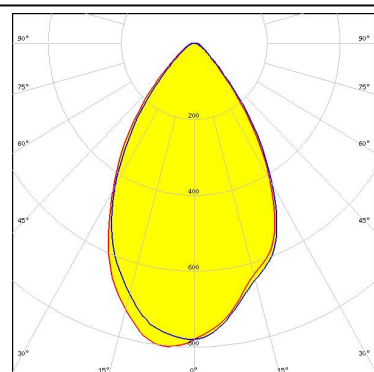
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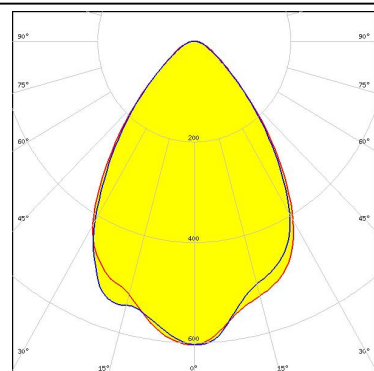
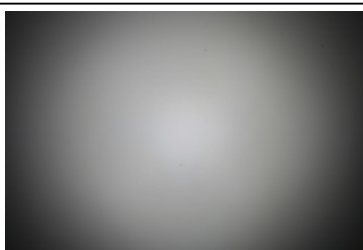
LED XP-L HI
FWHM 67.0°
Efficiency 90 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



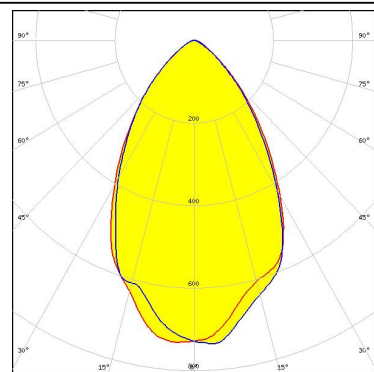
LED XT-E
FWHM 60.0°
Efficiency 88 %
Peak intensity 0.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NS9x383
FWHM 72.0°
Efficiency 87 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED NVSW219F
FWHM 64.0°
Efficiency 90 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



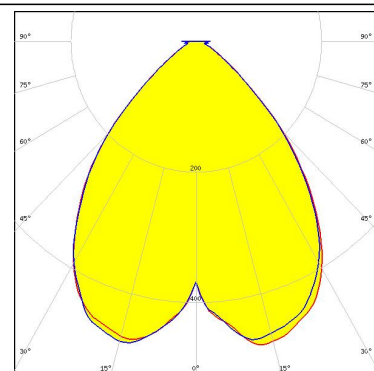
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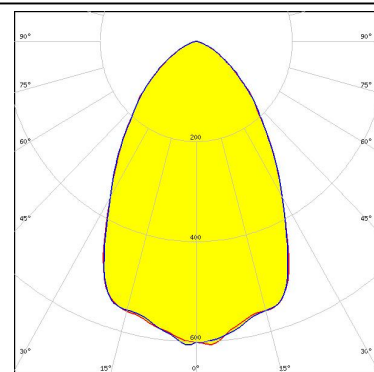
PHOTOMETRIC DATA (SIMULATED):



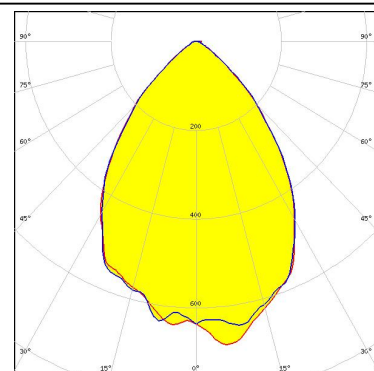
LED XD16
FWHM 77.0°
Efficiency 87 %
Peak intensity 0.5 cd/lm
LEDs/each optic 4
Light colour White
Required components:



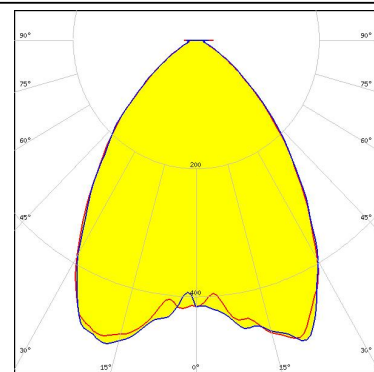
LED XHP35 HD
FWHM 67.0°
Efficiency 84 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35 HI
FWHM 75.0°
Efficiency 94 %
Peak intensity 0.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XHP35.2
FWHM 79.0°
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):



| | |
|----------------------|----------|
| LED | XM-L HVW |
| FWHM | 80.0° |
| Efficiency | % |
| LEDs/each optic | 1 |
| Light colour | White |
| Required components: | |



| | |
|----------------------|-----------|
| LED | NVSW3x9A |
| FWHM | 79.0° |
| Efficiency | 92 % |
| Peak intensity | 0.6 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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