

TINA-D

~16° diffused spot beam optimized for CREE
XP-E

TECHNICAL SPECIFICATIONS:

| | |
|----------------|-----------|
| Dimensions | Ø 16.1 mm |
| Height | 9.7 mm |
| Fastening | tape |
| ROHS compliant | yes ⓘ |

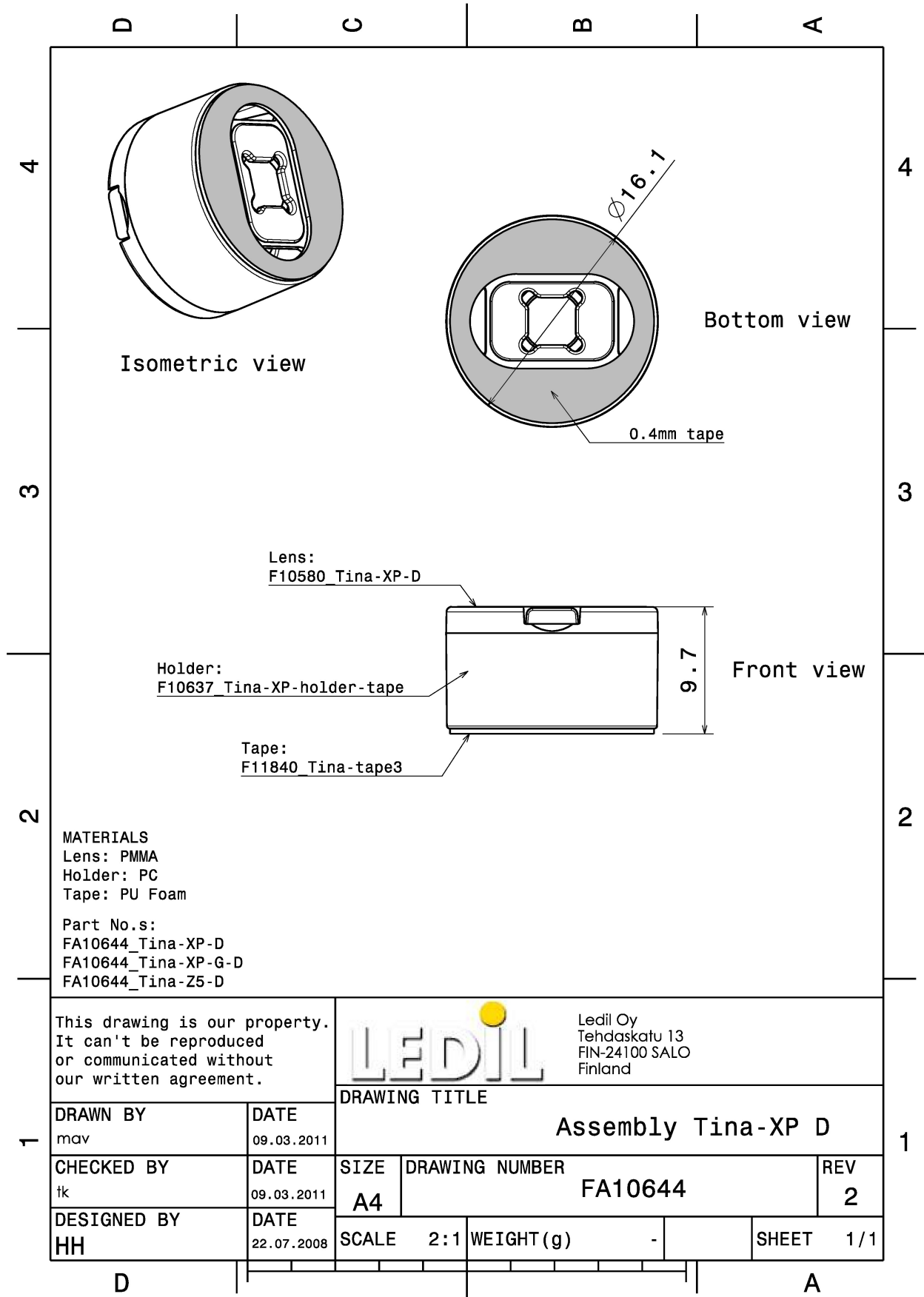
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|--------------------|-------------|----------|--------|--------|
| TINA-D | Single lens | PMMA | clear | |
| TINA-XP-H-TAPE-WHT | Holder | PC | white | |
| TINA-TAPE3 | Tape | PU tape | black | |



ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| FA10644_TINA-D | Single lens | 2016 | 288 | 144 | 4.2 |
| » Box size: 470 x 240 x 105 mm | | | | | |



PHOTOMETRIC DATA (MEASURED):

CREE ⇄

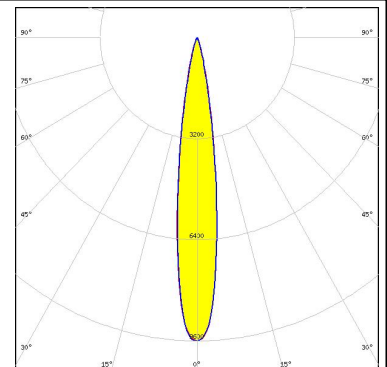
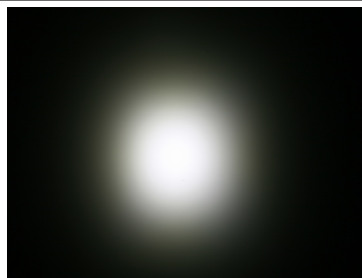
LED XP-E
FWHM 14.0°
Efficiency 93 %
Peak intensity 9.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE ⇄

LED XP-G
FWHM 20.0°
Efficiency 93 %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE ⇄



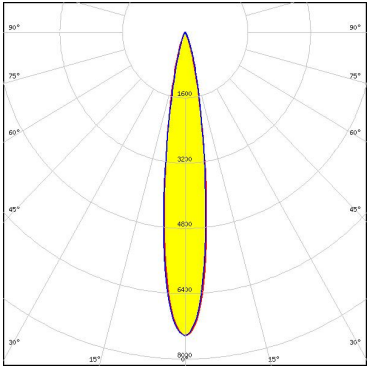

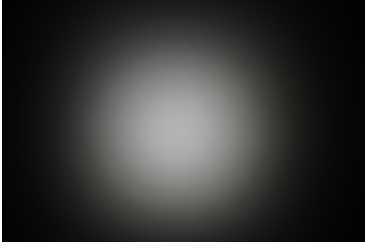
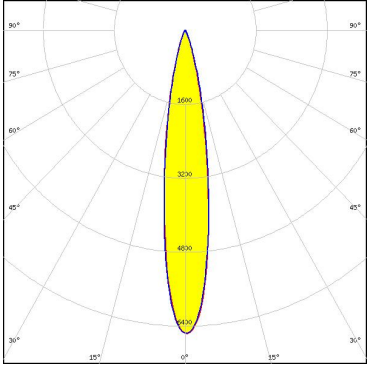
LED XT-E
FWHM 17.0°
Efficiency 94 %
Peak intensity 6.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z5
FWHM 12.0°
Efficiency %
LEDs/each optic 1
Light colour White
Required components:

PHOTOMETRIC DATA (MEASURED):

| | | | |
|--|-----------|---|--|
|  SEOUL SEMICONDUCTOR | |  |  |
| LED | Z5M1/Z5M2 | | |
| FWHM | 16.0° | | |
| Efficiency | 94 % | | |
| Peak intensity | 7.4 cd/lm | | |
| LEDs/each optic | 1 | | |
| Light colour | White | | |
| Required components: | | | |
|  Leading Innovation >>> | |  |  |
| LED | TL1L4 | | |
| FWHM | 17.0° | | |
| Efficiency | 94 % | | |
| Peak intensity | 6.6 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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