

STRADA-SQ-T3

IESNA Type III (medium) beam for roads that are equal to or wider than mounting height. Version with location pins. Assembly with installation tape.

SPECIFICATION:

| | |
|----------------|----------------|
| Dimensions | 25.0 x 25.0 mm |
| Height | 8.4 mm |
| Fastening | tape, pin |
| ROHS compliant | yes ⓘ |

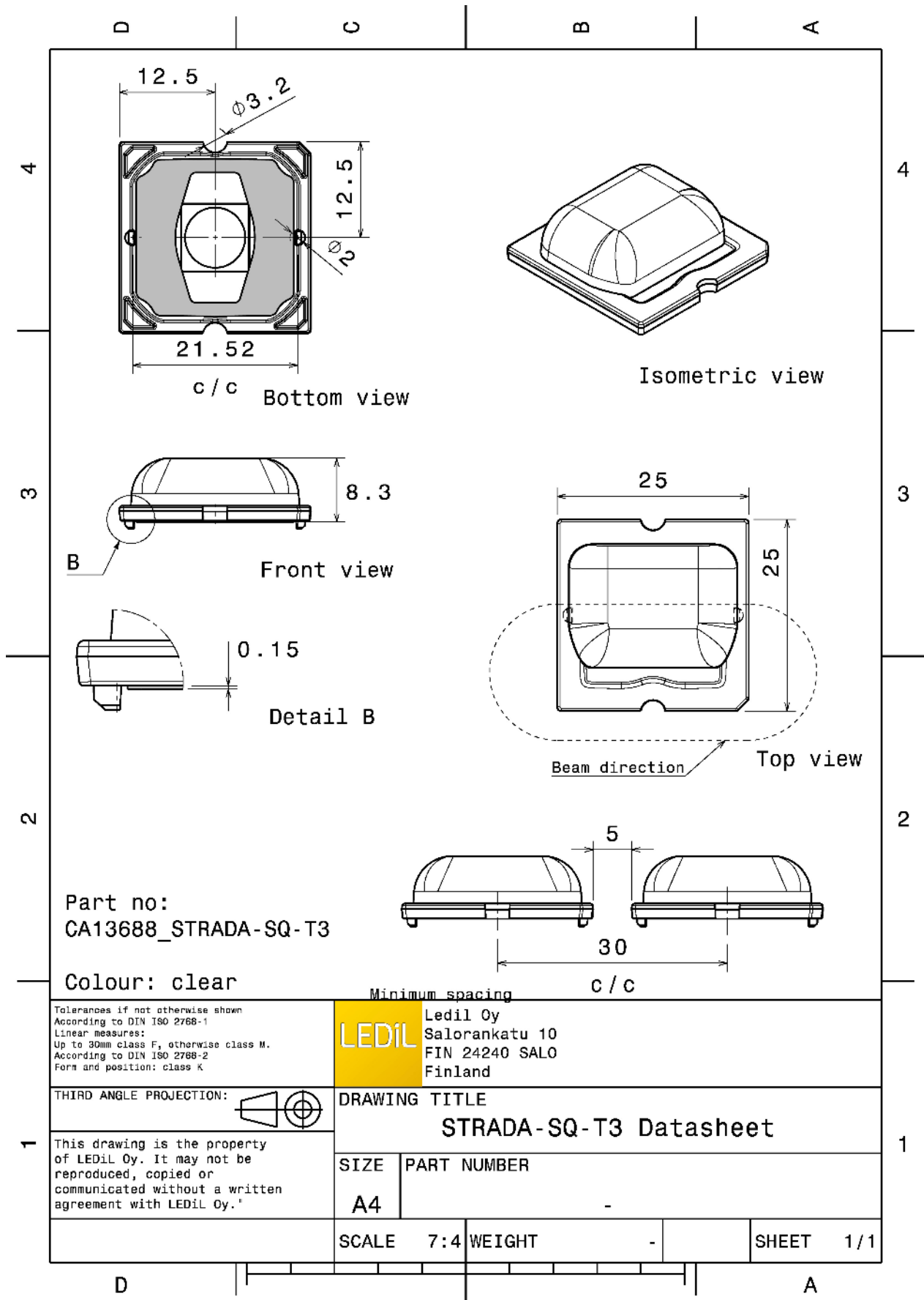


MATERIALS:

| Component | Type | Material | Colour | Finish |
|--------------|-------------|--------------|--------|--------|
| STRADA-SQ-T3 | Single lens | PMMA | clear | |
| ROSE-TAPE | Tape | Acrylic foam | black | |

ORDERING INFORMATION:

| Component | Type | Qty in box | MOQ | MPQ | Box weight (kg) |
|----------------------|-------------|------------|-----|-----|-----------------|
| CA13688_STRADA-SQ-T3 | Single lens | | | 98 | 7.8 |
| » Box size: | | | | | |



Tolerances if not otherwise shown
 According to DIN ISO 2768-1
 Linear measures:
 Up to 30mm class F, otherwise class M.
 According to DIN ISO 2768-2
 Form and position: class K

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 Finland

THIRD ANGLE PROJECTION:

DRAWING TITLE
STRADA-SQ-T3 Datasheet

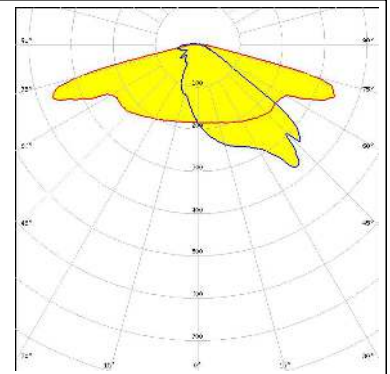
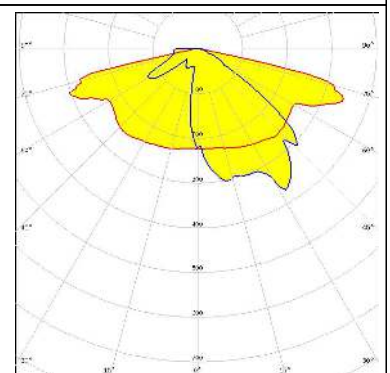
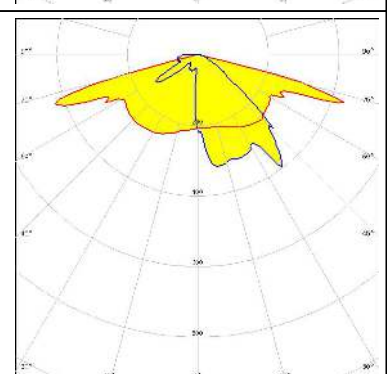
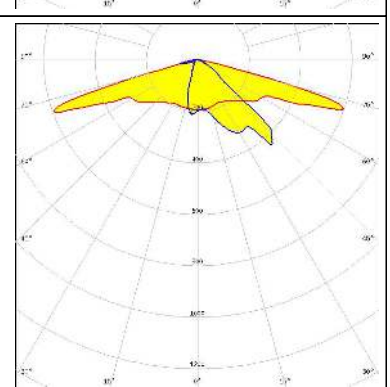
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| | |
|-------------|--------------------|
| SIZE | PART NUMBER |
| A4 | - |

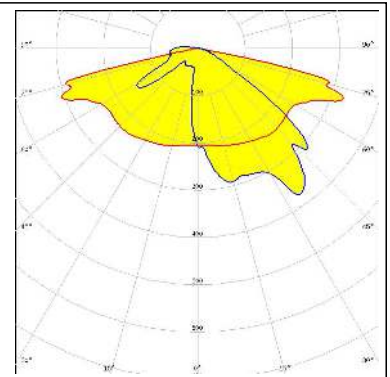
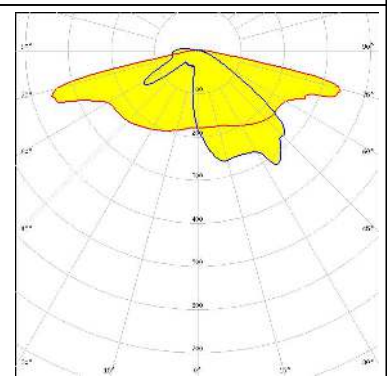
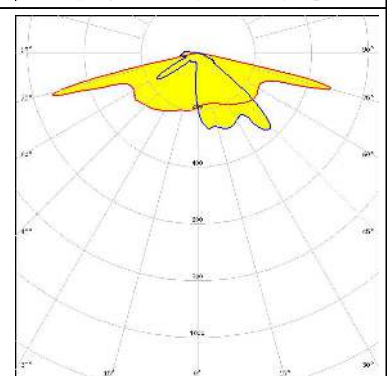
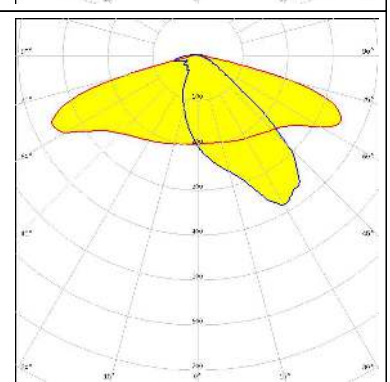
| | | | | | |
|--------------|-----|---------------|---|--------------|-----|
| SCALE | 7:4 | WEIGHT | - | SHEET | 1/1 |
|--------------|-----|---------------|---|--------------|-----|

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

OPTICAL RESULTS (MEASURED):

| | |
|--|---|
| <p>CREE → LED</p> <p>LED: XHP50 FWHM / FWTM: Asymmetric Efficiency: 94 % Peak intensity: 0.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>LUMILEDS</p> <p>LED: LUXEON M/MX FWHM / FWTM: Asymmetric Efficiency: 92 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>LUMILEDS</p> <p>LED: LUXEON MZ FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 0.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>LUMILEDS</p> <p>LED: LUXEON TX FWHM / FWTM: Asymmetric Efficiency: 93 % Peak intensity: 1.1 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |


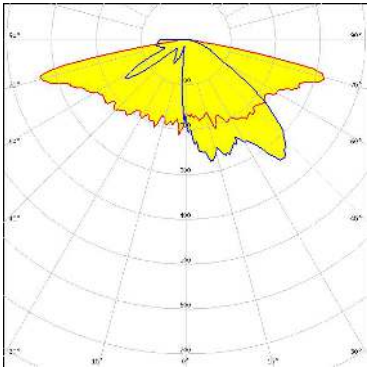

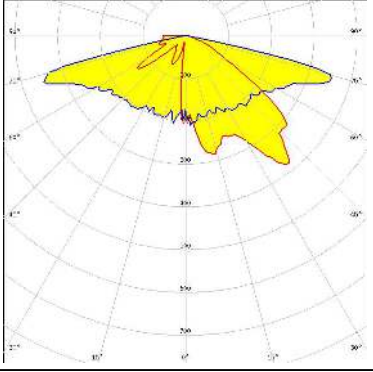

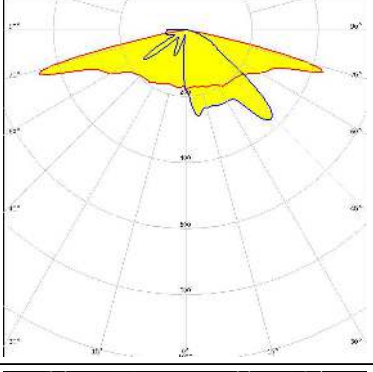

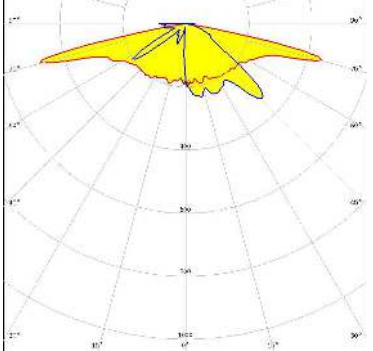
OPTICAL RESULTS (MEASURED):

| | |
|---|---|
| <p>LUMILEDS</p> <p>LED LUXEON XR-M Linear (L2M0-xxxx003MC3300)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 93 %</p> <p>Peak intensity 0.5 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| <p>NICHIA</p> <p>LED NV4x144A</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| <p>NICHIA</p> <p>LED NVSW319B</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 91 %</p> <p>Peak intensity 1 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED Duris S10</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 92 %</p> <p>Peak intensity 0.6 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |

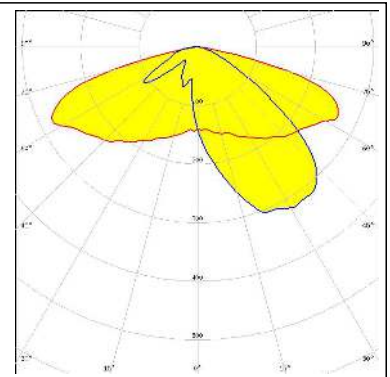
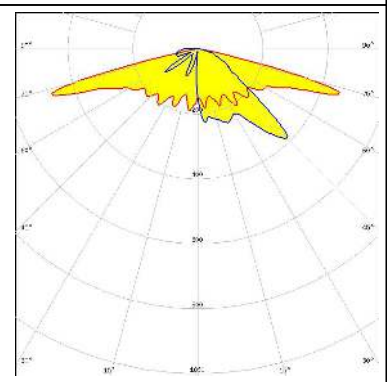
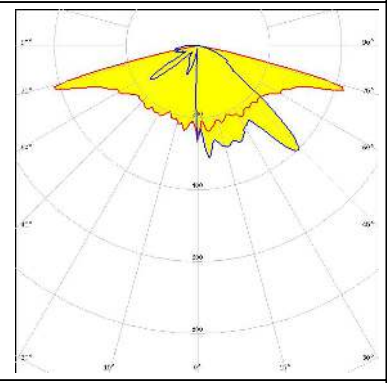
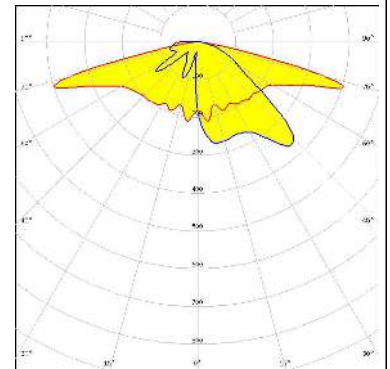
OPTICAL RESULTS (MEASURED):



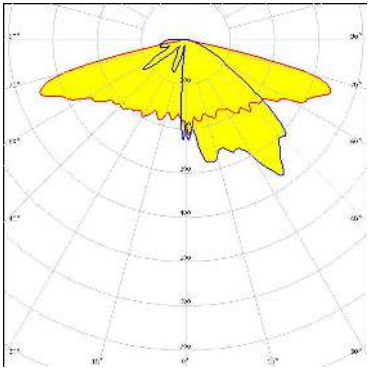
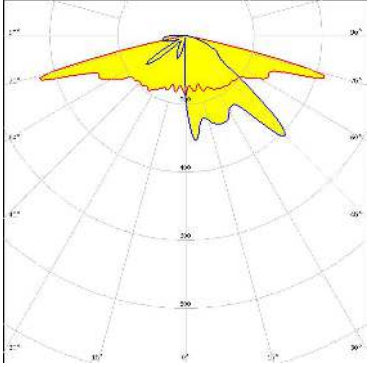
OPTICAL RESULTS (SIMULATED):

| | | |
|--|--|---|
|  | <p>LED: MHB-A/B FWHM / FWTM: Asymmetric Efficiency: 89 % Peak intensity: 0.5 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
|  | <p>LED: MK-R FWHM / FWTM: Asymmetric Efficiency: 90 % Peak intensity: 0.6 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
|  | <p>LED: XM-L2 FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 0.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
|  | <p>LED: XP-G3 FWHM / FWTM: Asymmetric Efficiency: 89 % Peak intensity: 0.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |

OPTICAL RESULTS (SIMULATED):

| | |
|--|---|
| <p>LUMILEDS</p> <p>LED: LUXEON 7070 FWHM / FWTM: Asymmetric Efficiency: 78 % Peak intensity: 0.4 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> <p>Protective plate, glass</p> |  |
| <p>NICHIA</p> <p>LED: NVSxx19B/NVSxx19C FWHM / FWTM: Asymmetric Efficiency: 90 % LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (2W version) FWHM / FWTM: Asymmetric Efficiency: 91 % Peak intensity: 0.8 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |
| <p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (3W version) FWHM / FWTM: Asymmetric Efficiency: 94 % Peak intensity: 0.7 cd/lm LEDs/each optic: 1 Light colour: White Required components:</p> |  |

OPTICAL RESULTS (SIMULATED):

| | | |
|-------------------------------------|----------------------------|--|
| OSRAM Opto Semiconductors | | |
| LED | OSCONIQ P 7070 |  |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 89 % | |
| Peak intensity | 0.6 cd/lm | |
| LEDs/each optic | 1 | |
| Light colour | White | |
| Required components: | | |
| OSRAM Opto Semiconductors | | |
| LED | OSLON Square CSSRM2/CSSRM3 |  |
| FWHM / FWTM | Asymmetric | |
| Efficiency | 91 % | |
| Peak intensity | 0.8 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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