

## STRADA-SQ-VSM

IESNA Type V beam for wide areas such as car parks. Assembly with installation tape.

### SPECIFICATION:

|                |                |
|----------------|----------------|
| Dimensions     | 25.0 x 25.0 mm |
| Height         | 6.9 mm         |
| Fastening      | tape, screw    |
| ROHS compliant | yes ⓘ          |

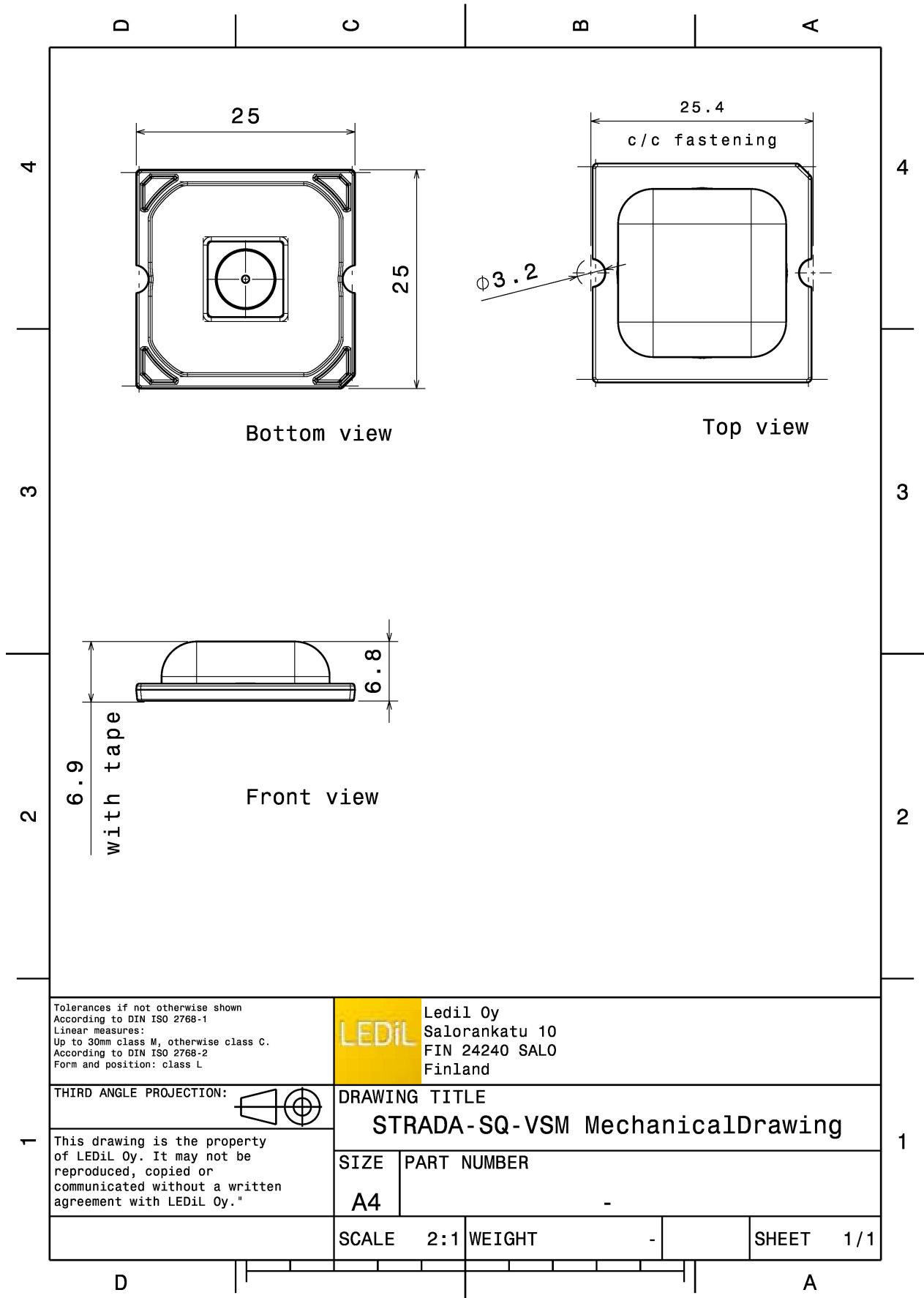


### MATERIALS:

| Component     | Type        | Material     | Colour | Finish | Length (mm) |
|---------------|-------------|--------------|--------|--------|-------------|
| STRADA-SQ-VSM | Single lens | PMMA         | clear  |        |             |
| ROSE-TAPE     | Tape        | Acrylic foam | black  |        |             |

### ORDERING INFORMATION:

| Component                            | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------------|------------|-----|-----|-----------------|
| CA13362_STRADA-SQ-VSM<br>» Box size: |            |     | 98  | 7.4             |

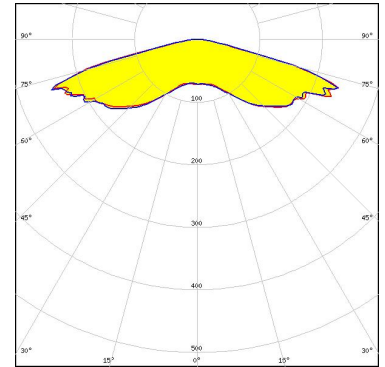


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



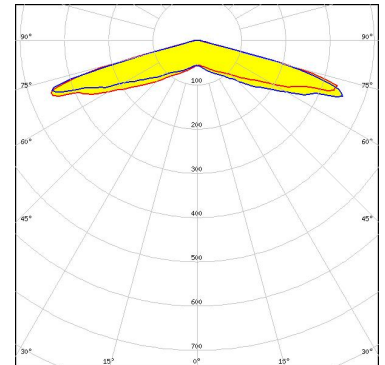
LED MK-R  
FWHM / FWTM 156.0° / 171.0°  
Efficiency 91 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



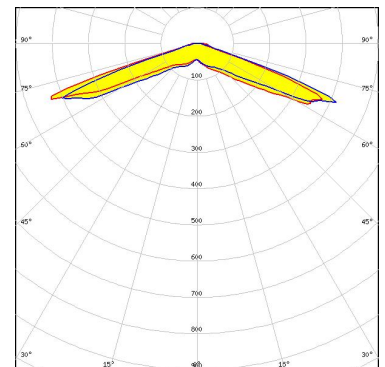
LED XM-L  
FWHM / FWTM 154.0°  
Efficiency 93 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XT-E  
FWHM / FWTM 151.0°  
Efficiency 93 %  
Peak intensity 0.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

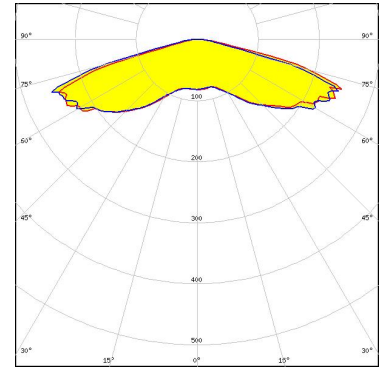


Light distribution files

#### OPTICAL RESULTS (MEASURED):



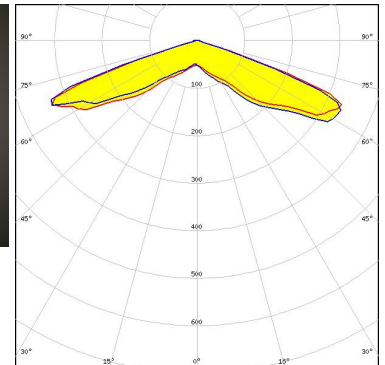
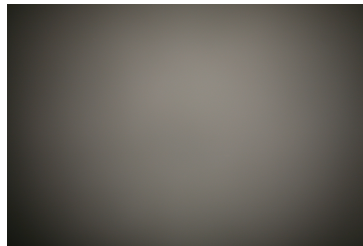
LED LUXEON M/MX  
 FWHM / FWTM 154.0°  
 Efficiency 93 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



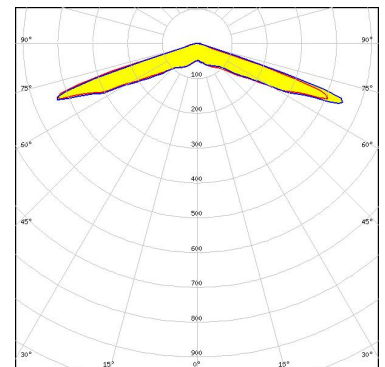
LED LUXEON MZ  
 FWHM / FWTM 149.0° / 156.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON T  
 FWHM / FWTM 145.0°  
 Efficiency 92 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

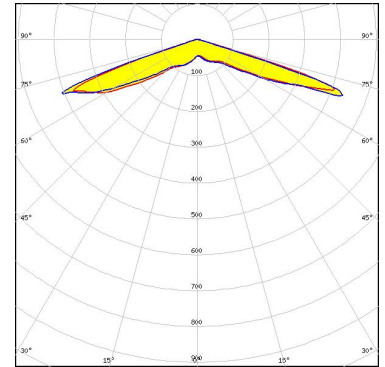


Light distribution files

#### OPTICAL RESULTS (MEASURED):



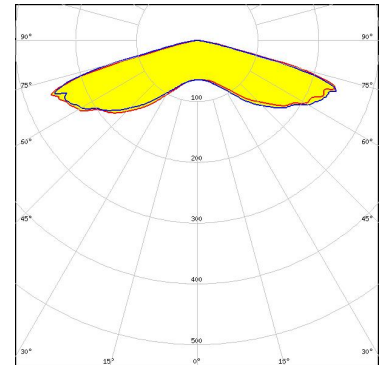
LED LUXEON TX  
FWHM / FWMTM 148.0° / 153.0°  
Efficiency 94 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



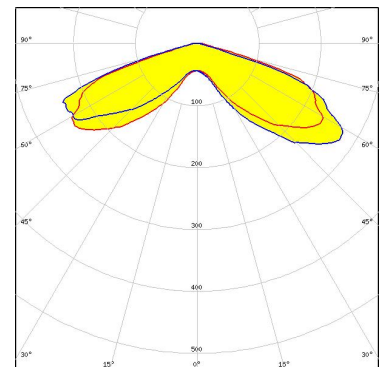
LED LUXEON XR-M Linear (L2M0-xxxx003MC3300)  
FWHM / FWMTM 151.0° / 162.0°  
Efficiency 92 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED Duris S10  
FWHM / FWMTM 149.0° / 159.0°  
Efficiency 93 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

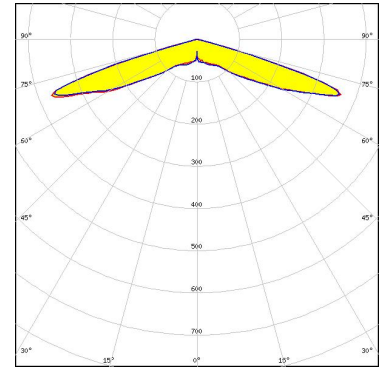


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



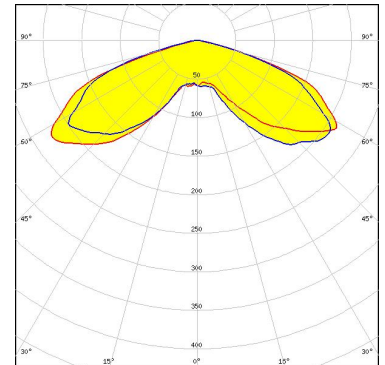
LED XM-L2  
FWHM / FWTM 146.0° / 152.0°  
Efficiency 92 %  
Peak intensity 0.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON 7070  
FWHM / FWTM 144.0° / 156.0°  
Efficiency 77 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

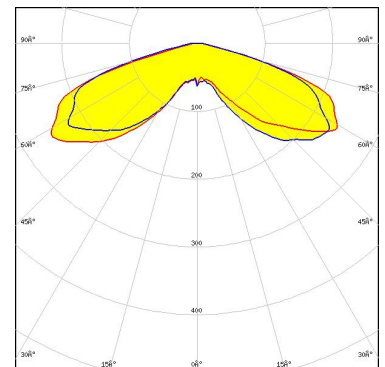


Protective plate, glass

Light distribution files



LED LUXEON 7070  
FWHM / FWTM 147.0° / 159.0°  
Efficiency 92 %  
Peak intensity 0.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

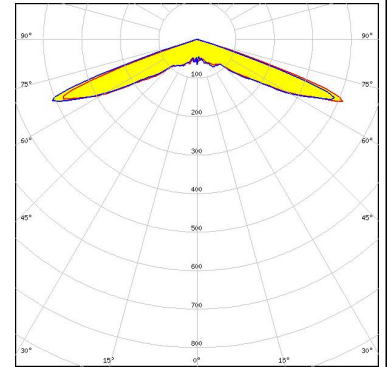


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



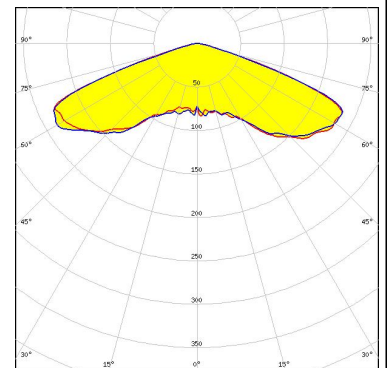
LED LUXEON H50-2  
 FWHM / FWTM 140.0° / 144.0°  
 Efficiency 90 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON M/MX  
 FWHM / FWTM 142.0° / 152.0°  
 Efficiency 68 %  
 Peak intensity 0.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

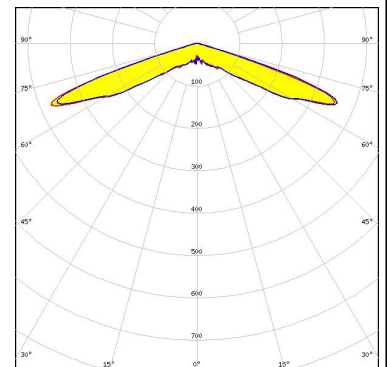


Protective plate, glass

Light distribution files



LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 143.0°  
 Efficiency %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

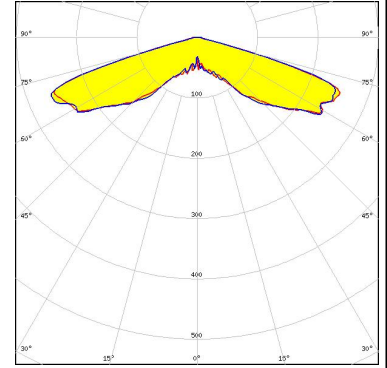


Light distribution files

#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

|                      |                 |
|----------------------|-----------------|
| LED                  | OSCONIQ P 7070  |
| FWHM / FWTM          | 151.0° / 160.0° |
| Efficiency           | 89 %            |
| Peak intensity       | 0.4 cd/lm       |
| LEDs/each optic      | 1               |
| Light colour/type    | White           |
| Required components: |                 |



Light distribution files



### 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:

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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