

STRADA-IP-16MX-VSM

IESNA Type V (square) beam for wide areas lighting such as car parks.

SPECIFICATION:

| | |
|----------------------------|----------------|
| Dimensions | 90.0 x 90.0 mm |
| Height | 8.6 mm |
| Fastening | screw |
| Ingress protection classes | IP66, IP67 |
| ROHS compliant | yes ⓘ |

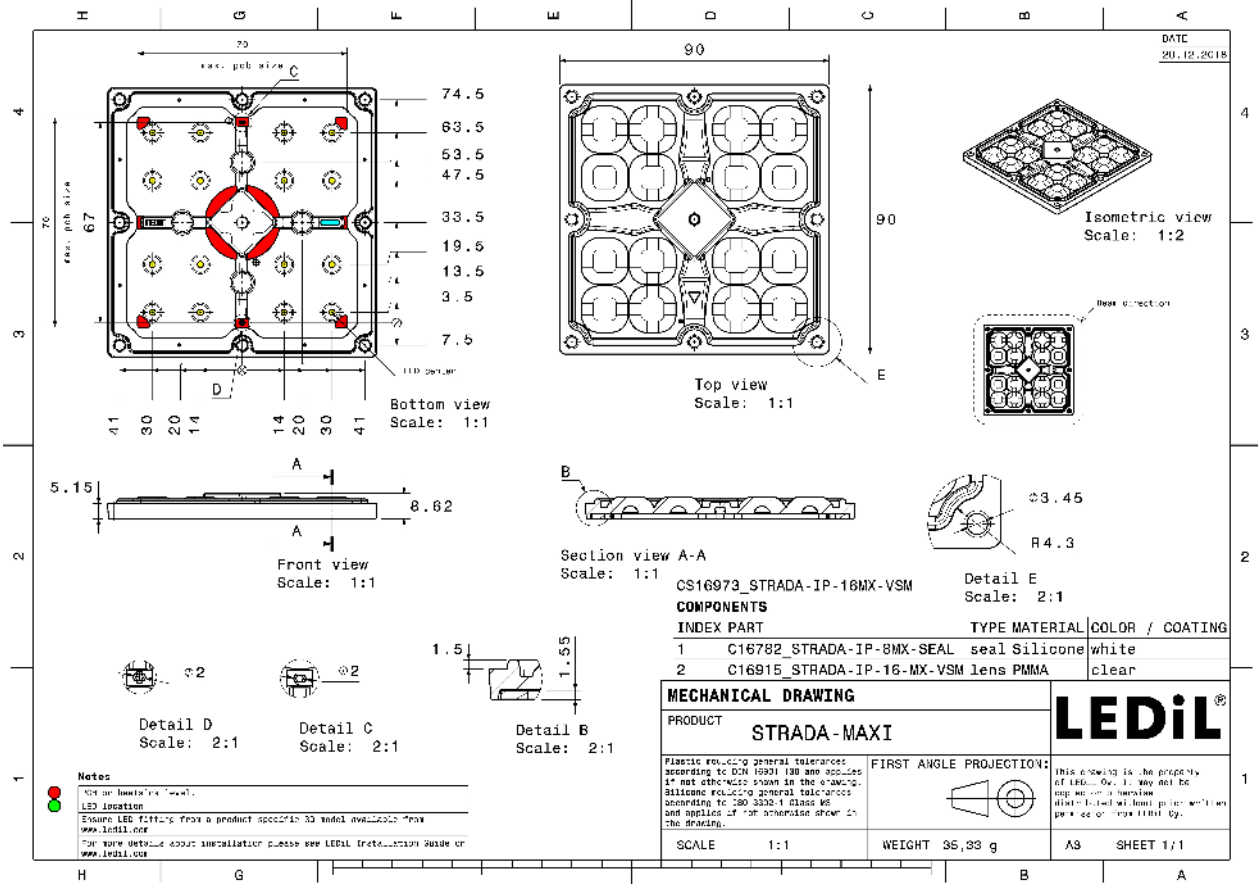
MATERIALS:

| Component | Type | Material | Colour | Finish |
|--------------------|------------|----------|--------|--------|
| STRADA-IP-16MX-VSM | Multi-lens | PMMA | clear | |
| STRADA-IP-8MX-SEAL | Seal | Silicone | clear | |

ORDERING INFORMATION:

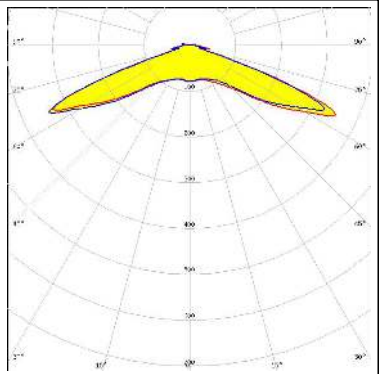
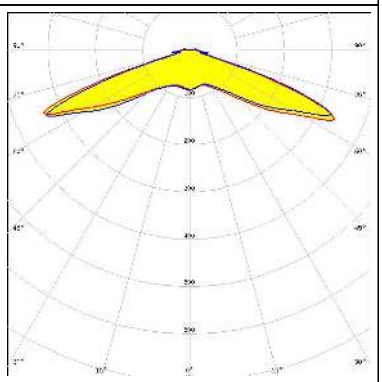
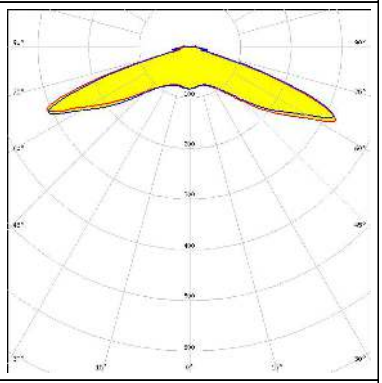
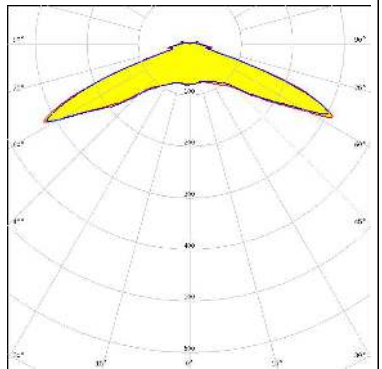
| Component | Type | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|------------|-----|-----|-----------------|
| CS16973_STRADA-IP-16MX-VSM » Box size: 480 x 280 x 300 mm | Multi-lens | 156 | 52 | 52 | 6.9 |





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

OPTICAL RESULTS (MEASURED):

| | |
|---|---|
| <p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 140.0° / 162.0° Efficiency 92 % Peak intensity 0.7 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>SAMSUNG</p> <p>LED HiLOM SC16 S1 (LH181B) FWHM / FWTM 142.0° / 162.0° Efficiency 93 % Peak intensity 0.7 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>SAMSUNG</p> <p>LED HiLOM SC16 S2 (LH231B) FWHM / FWTM 142.0° / 160.0° Efficiency 92 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>SEMI <small>SEOUL SEMICONDUCTOR</small></p> <p>LED Z8Y19 FWHM / FWTM 139.0° / 165.0° Efficiency 89 % Peak intensity 0.6 cd/m LEDs/each optic 1 Light colour White Required components:</p> |  |

OPTICAL RESULTS (MEASURED):



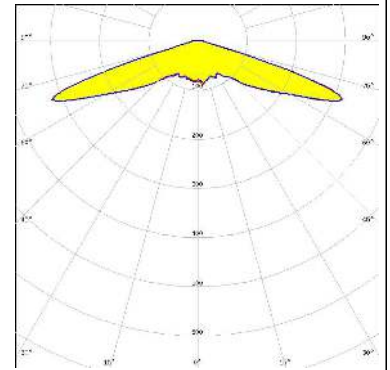
OPTICAL RESULTS (SIMULATED):

LUMILEDS

LED LUXEON HL2Z
FWHM / FWTM 146.0° / 166.0°
Efficiency 93 %
Peak intensity 0.6 cd/lm
LEDs/each optic 1
Light colour White
Required components:

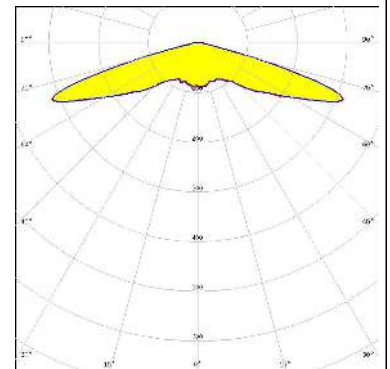
NICHIA

LED NCSxE17A
FWHM / FWTM 146.0° / 154.0°
Efficiency 86 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



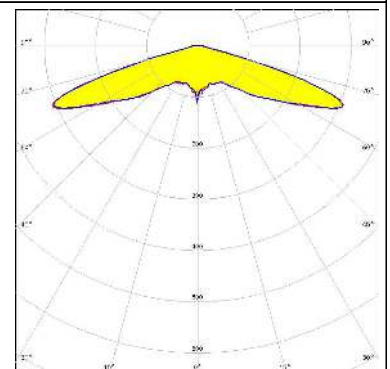
OSRAM

Opto Semiconductors
LED OSCONIQ C 2424
FWHM / FWTM 148.0° / 156.0°
Efficiency 91 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SAMSUNG

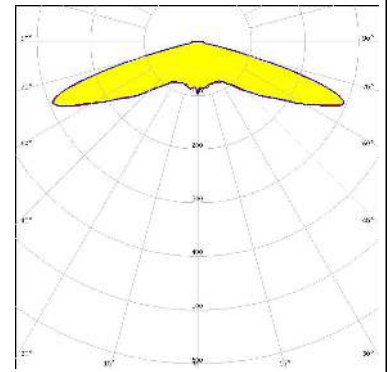
LED LH181B
FWHM / FWTM 146.0° / 156.0°
Efficiency 89 %
Peak intensity 0.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



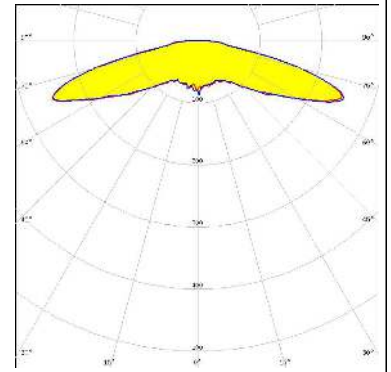
OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED LH231B
FWHM / FWTM 148.0° / 156.0°
Efficiency 90 %
Peak intensity 0.4 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED Z8Y22P
FWHM / FWTM 154.0° / 175.0°
Efficiency 89 %
Peak intensity 0.4 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:

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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