

## STRADELLA-IP-16-T2-PC

IESNA Type II (medium) beam applicable for European P-class standard pedestrian lighting and M-class roads. Variant made from PC.

### SPECIFICATION:

|                            |                 |
|----------------------------|-----------------|
| Dimensions                 | 100.0 x 60.0 mm |
| Height                     | 8.9 mm          |
| Fastening                  | pin, screw      |
| Ingress protection classes | IP67            |
| ROHS compliant             | yes ⓘ           |

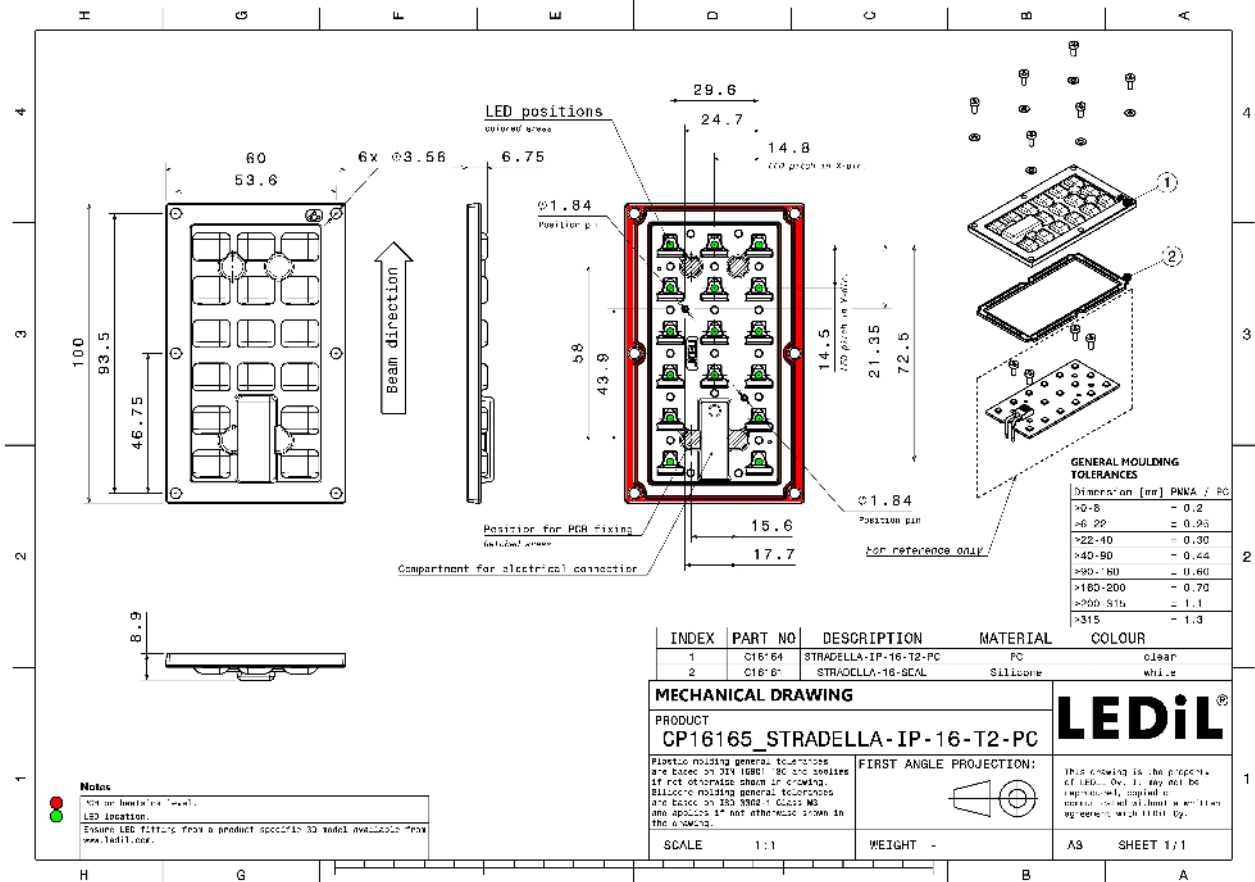


### MATERIALS:

| Component             | Type       | Material | Colour | Finish |
|-----------------------|------------|----------|--------|--------|
| STRADELLA-IP-16-T2-PC | Multi-lens | PC       | clear  |        |
| STRADELLA-16-SEAL     | Seal       | Silicone | white  |        |

### ORDERING INFORMATION:

| Component   | Type       | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|------------|-----|-----|-----------------|
| CP16165_STRADELLA-IP-16-T2-PC<br>» Box size: 476 x 273 x 292 mm | Multi-lens | 416        | 104 | 104 | 12.1            |

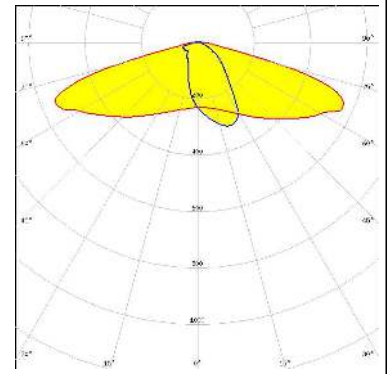


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)


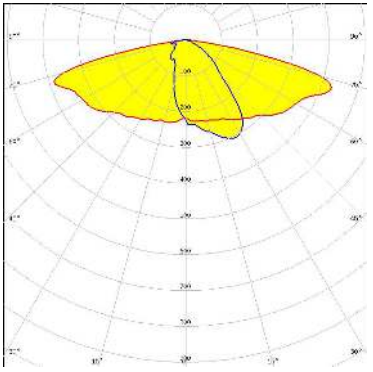

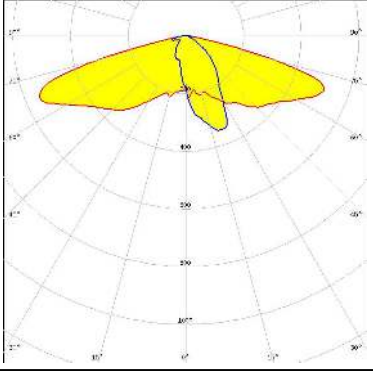

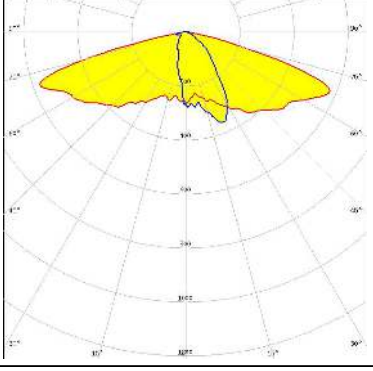

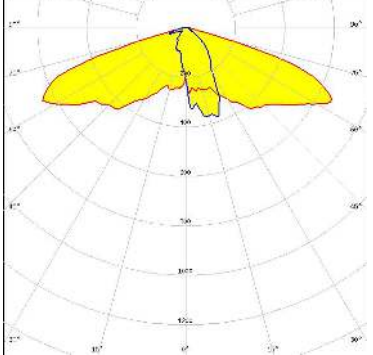
#### OPTICAL RESULTS (MEASURED):



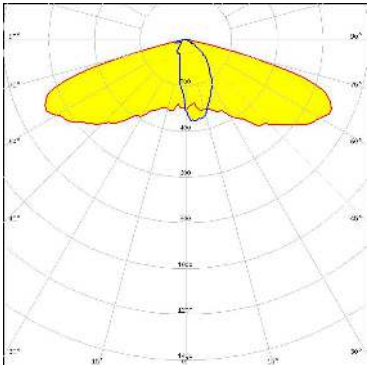
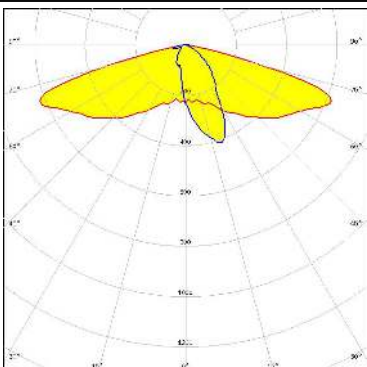
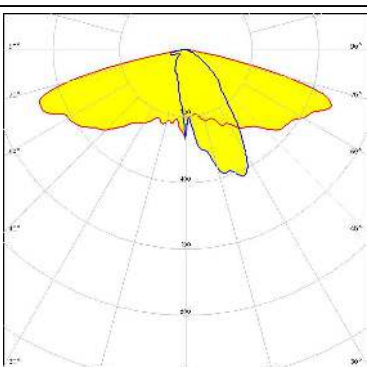
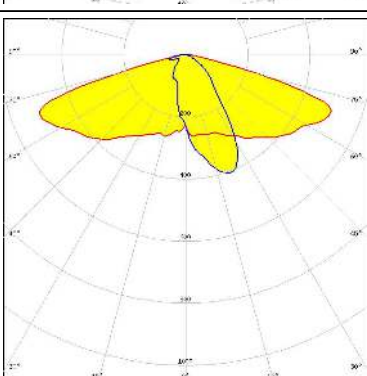
|                      |            |
|----------------------|------------|
| LED                  | XP-G3      |
| FWHM / FWTM          | Asymmetric |
| Efficiency           | 90 %       |
| Peak intensity       | 0.6 cd/lm  |
| LEDs/each optic      | 1          |
| Light colour         | White      |
| Required components: |            |



#### OPTICAL RESULTS (SIMULATED):

|  |   |   |
|--|---|---|
|    | <p>LED XP-G2 HE<br/>           FWHM / FWTM Asymmetric<br/>           Efficiency 85 %<br/>           Peak intensity 0.5 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |    |
|    | <p>LED NCSxx19B<br/>           FWHM / FWTM Asymmetric<br/>           Efficiency 85 %<br/>           Peak intensity 0.7 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |   |
|  | <p>LED NF2x757G<br/>           FWHM / FWTM Asymmetric<br/>           Efficiency 89 %<br/>           Peak intensity 0.7 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |  |
|  | <p>LED NVSxE21A<br/>           FWHM / FWTM Asymmetric<br/>           Efficiency 87 %<br/>           Peak intensity 0.8 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |  |

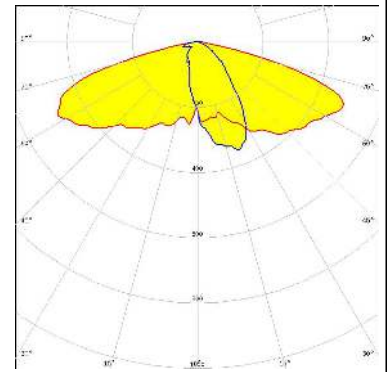
#### OPTICAL RESULTS (SIMULATED):

|   |   |
|---|---|
| <p><b>OSRAM</b><br/>Opto Semiconductors</p> <p>LED Duris S5 (2 chip)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 88 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>          |    |
| <p><b>OSRAM</b><br/>Opto Semiconductors</p> <p>LED OSCONIQ C 2424</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.7 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>             |   |
| <p><b>OSRAM</b><br/>Opto Semiconductors</p> <p>LED OSLON Square CSSRM2/CSSRM3</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</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><b>OSRAM</b><br/>Opto Semiconductors</p> <p>LED OSLON Square PC</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 89 %</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 (SIMULATED):

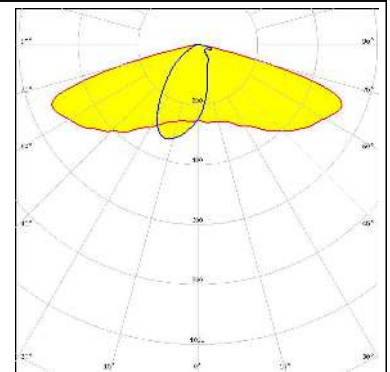
#### SAMSUNG

LED LH351B  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



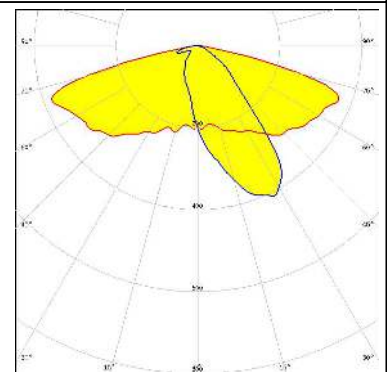
#### SAMSUNG

LED LM301B  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 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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#### LEDiL Oy

Joensuunkatu 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Ledil Optics Technology (Shenzhen) Co., Ltd.

# 405 , Block B  
Casic Motor Building  
Shenzhen 518057  
P.R.CHINA

#### Local sales and technical support

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