

## SITARA-T1-A

Asymmetric IESNA Type I (short) beam designed for tilted poles. Suitable for Indian EESL specification.

### TECHNICAL SPECIFICATIONS:

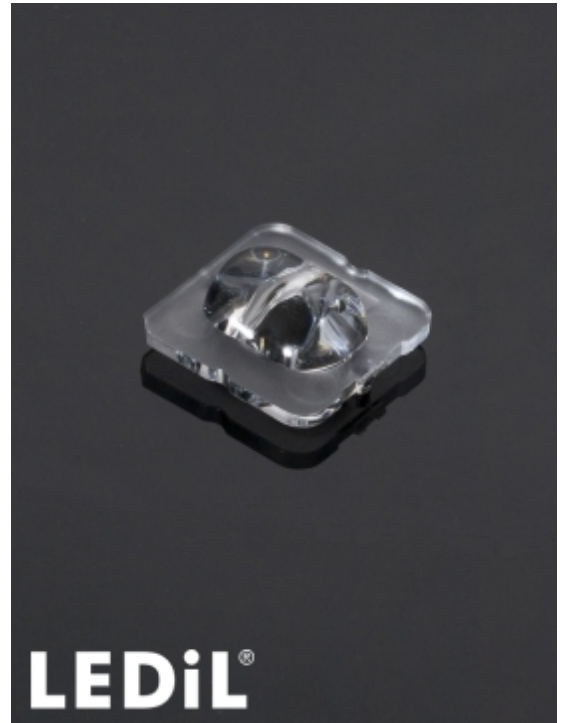
|                |           |
|----------------|-----------|
| Dimensions     | 18.0 mm   |
| Height         | 5.9 mm    |
| Fastening      | glue, pin |
| ROHS compliant | yes ⓘ     |

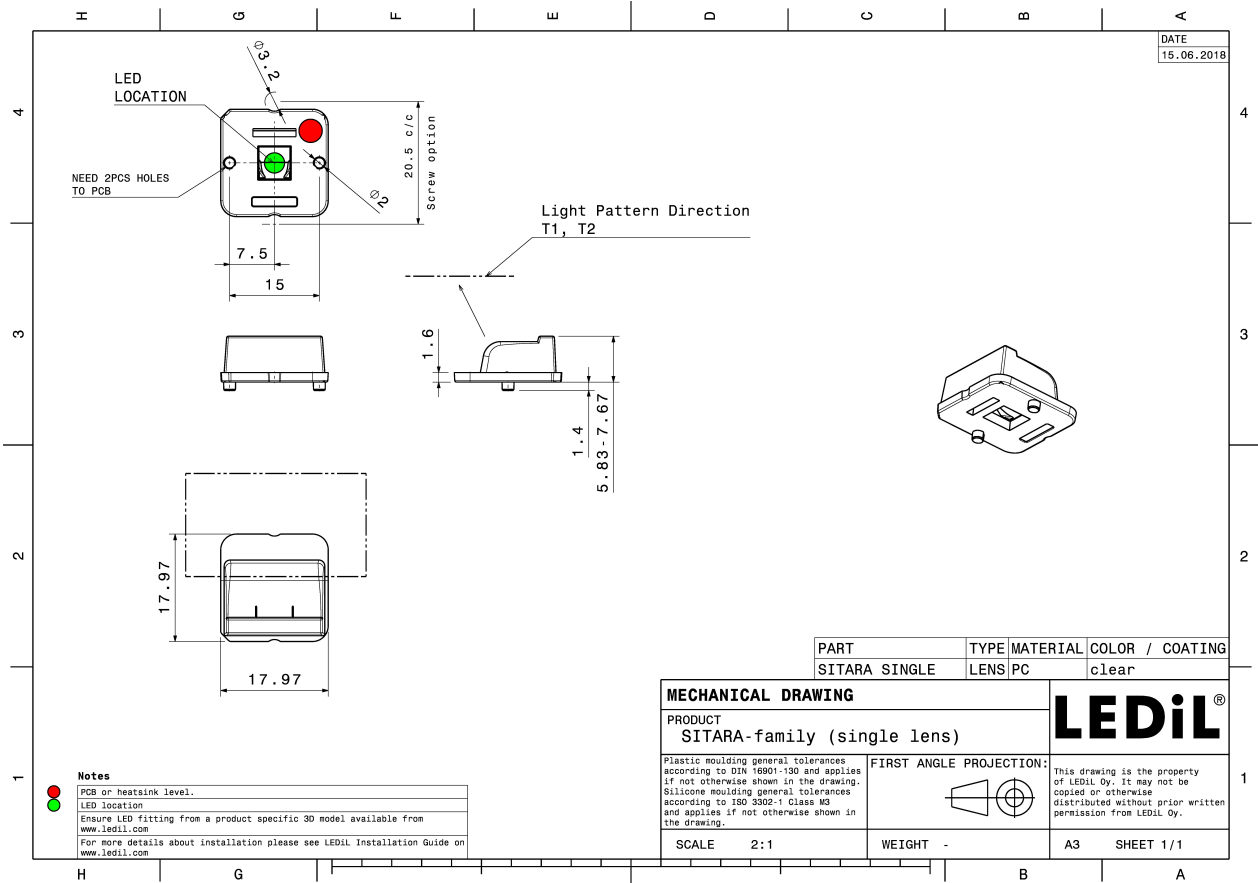
### MATERIAL SPECIFICATIONS:

| Component   | Type        | Material | Colour | Finish |
|-------------|-------------|----------|--------|--------|
| SITARA-T1-A | Single lens | PC       | clear  |        |

### ORDERING INFORMATION:

| Component  | Qty in box | MOQ  | MPQ  | Box weight (kg) |
|--|------------|------|------|-----------------|
| C16373_SITARA-T1-A<br>» Box size: 400 x 300 x 300 mm | 8000       | 2000 | 2000 | 8.4             |

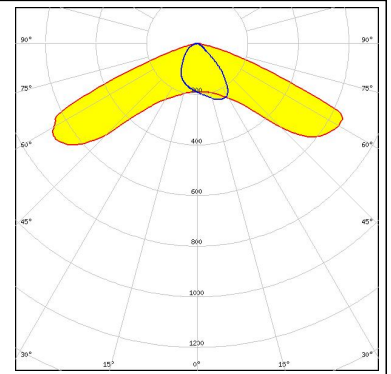





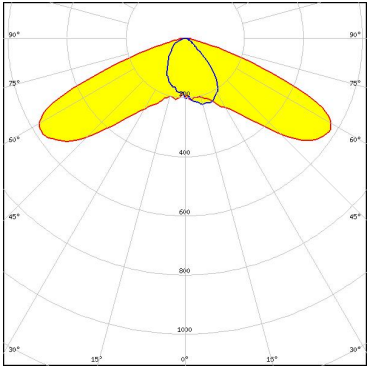

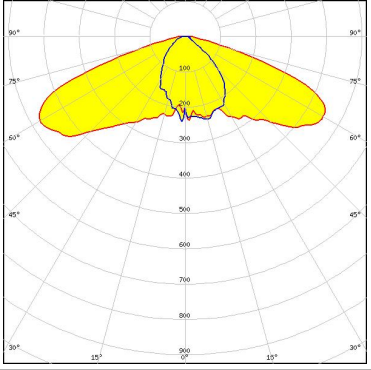

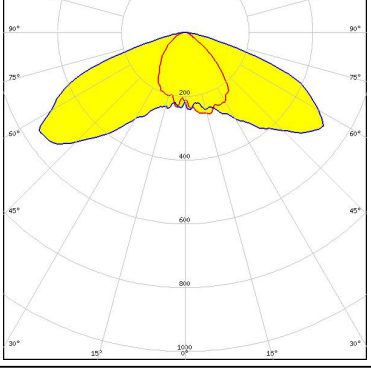

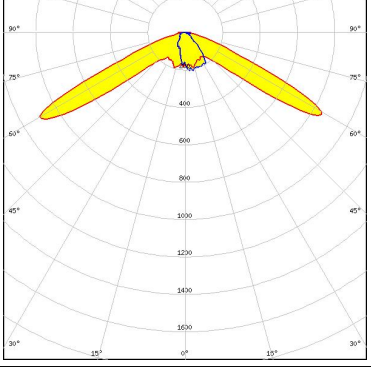
#### PHOTOMETRIC DATA (MEASURED):



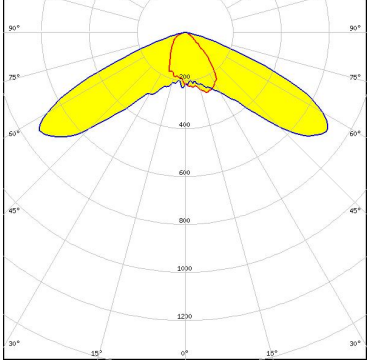
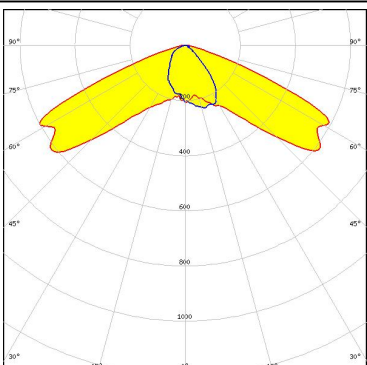
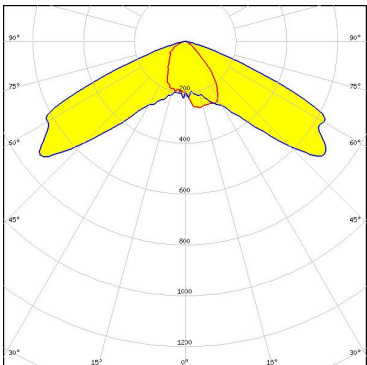
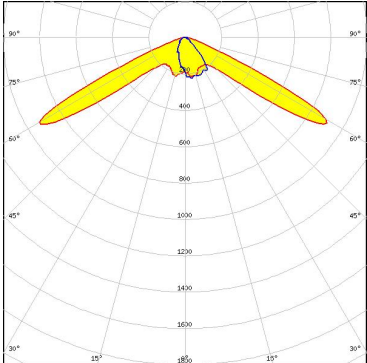
LED LUXEON 5050 Round LES  
FWHM Asymmetric  
Efficiency 93 %  
Peak intensity 0.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (SIMULATED):

|   |   |
|---|---|
| <p> <b>bridgelux</b></p> <p>LED: Bridgelux SMD 5050<br/>           FWHM: Asymmetric<br/>           Efficiency: 91 %<br/>           Peak intensity: 0.6 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p> |    |
| <p> <b>CREE</b></p> <p>LED: MHB-A/B<br/>           FWHM: Asymmetric<br/>           Efficiency: 91 %<br/>           Peak intensity: 0.5 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>                 |   |
| <p> <b>CREE</b></p> <p>LED: MHB-A/B<br/>           FWHM: Asymmetric<br/>           Efficiency: 86 %<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p> <p><b>Transparent protective cover</b></p>             |  |
| <p> <b>CREE</b></p> <p>LED: XT-E<br/>           FWHM: Asymmetric<br/>           Efficiency: 91 %<br/>           Peak intensity: 1 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>                    |  |

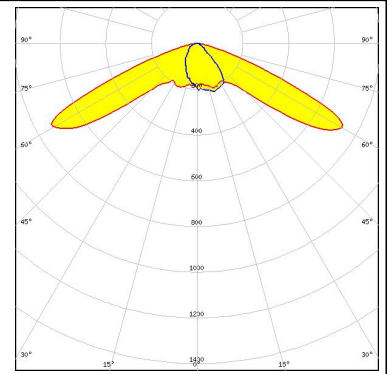
#### PHOTOMETRIC DATA (SIMULATED):

|   |   |
|---|---|
| <p><b>LUMILEDS</b></p> <p>LED: LUXEON 5050 Round LES<br/>           FWHM: Asymmetric<br/>           Efficiency: 88 %<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:<br/>           Transparent protective cover</p>                                       |    |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED: Duris S8<br/>           FWHM: Asymmetric<br/>           Efficiency: 92 %<br/>           Peak intensity: 0.6 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>                  |   |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED: Duris S8<br/>           FWHM: Asymmetric<br/>           Efficiency: 88 %<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:<br/>           Transparent protective cover</p>               |  |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED: OSCONIQ P 3737 (2W version)<br/>           FWHM: Asymmetric<br/>           Efficiency: 91 %<br/>           Peak intensity: 1 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p> |  |

#### PHOTOMETRIC DATA (SIMULATED):

**OSRAM**  
Opto Semiconductors

|                      |                             |
|----------------------|-----------------------------|
| LED                  | OSCONIQ P 3737 (3W version) |
| FWHM                 | Asymmetric                  |
| Efficiency           | 92 %                        |
| Peak intensity       | 0.7 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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<http://moschip.ru/get-element>

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

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На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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