

## STRADELLA-16-T1-A-PC

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

### SPECIFICATION:

|                |                |
|----------------|----------------|
| Dimensions     | 49.5 x 49.5 mm |
| Height         | 4.3 mm         |
| Fastening      | pin, screw     |
| ROHS compliant | yes ⓘ          |

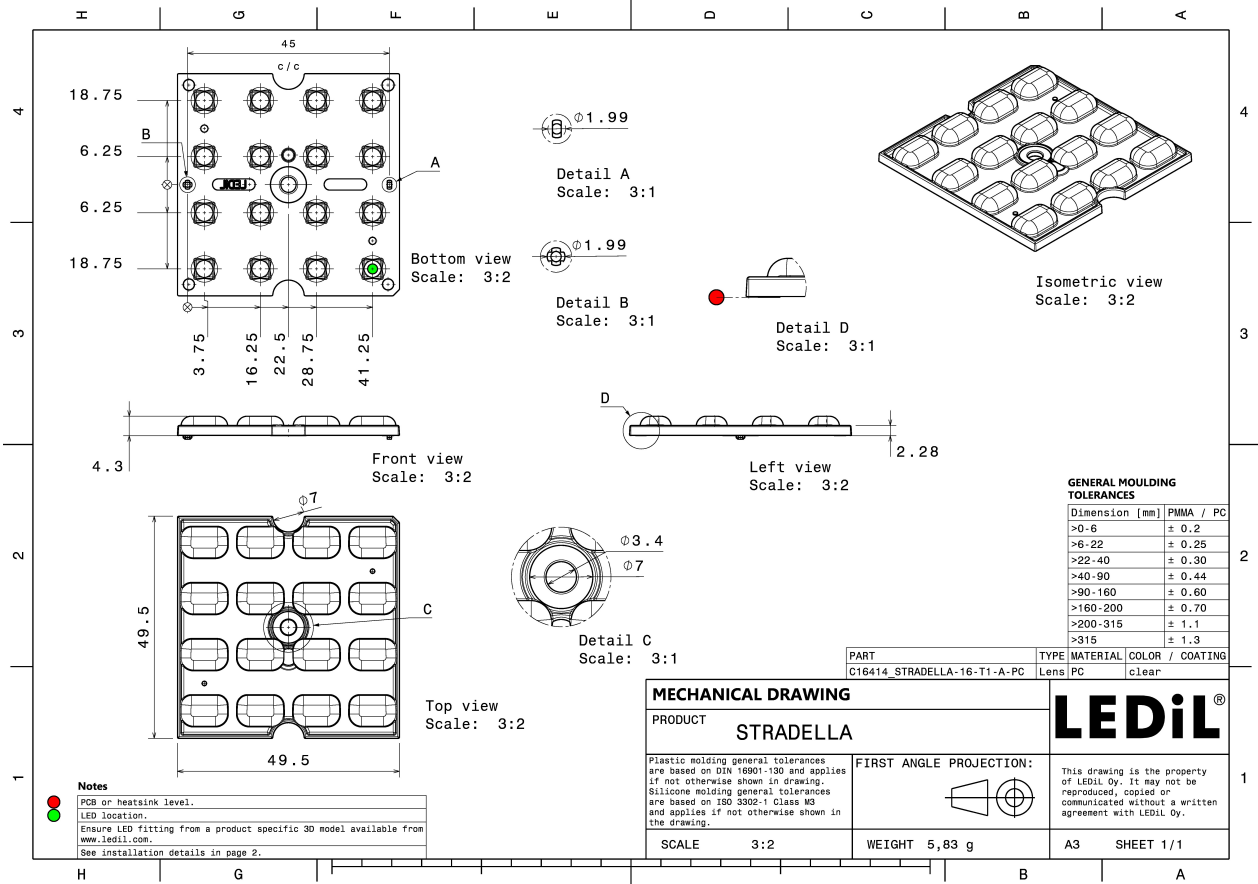


### MATERIALS:

| Component            | Type       | Material | Colour | Finish |
|----------------------|------------|----------|--------|--------|
| STRADELLA-16-T1-A-PC | Multi-lens | PC       | clear  |        |

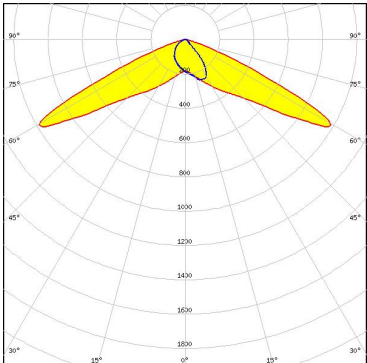
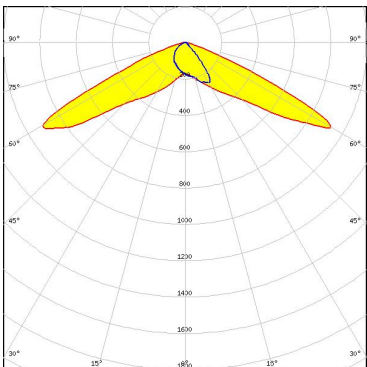
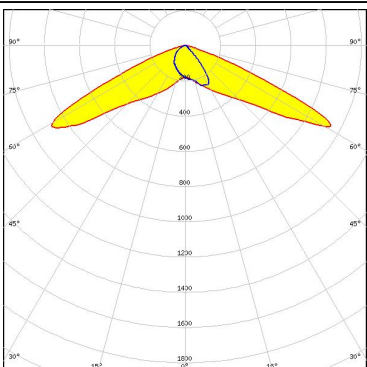
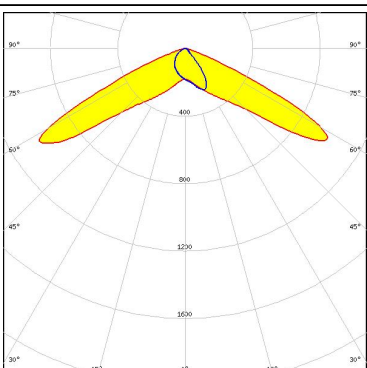
### ORDERING INFORMATION:

| Component   | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| C16414_STRADELLA-16-T1-A-PC<br>» Box size: 480 x 280 x 300 mm | 800        |     | 160 | 5.5             |



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

#### OPTICAL RESULTS (MEASURED):

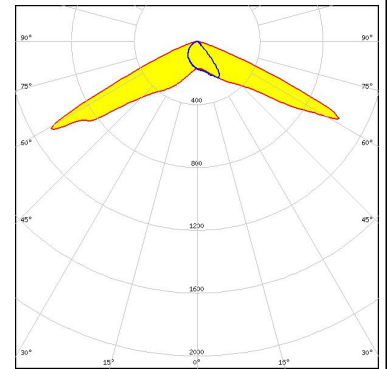
|  |   |
|--|---|
| <p><b>ELECTRIO</b><br/> <small>LED &amp; LIGHTING COMPANY</small></p> <p>LED: EHP-223.5x50-1604-xx-70-LS30-06-NTC<br/>           FWHM / FWTM: Asymmetric<br/>           Efficiency: 94 %<br/>           Peak intensity: 1 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p> |    |
| <p><b>NICHIA</b></p> <p>LED: NFSx757D<br/>           FWHM / FWTM: Asymmetric<br/>           Efficiency: 94 %<br/>           Peak intensity: 1.2 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>   |   |
| <p><b>NICHIA</b></p> <p>LED: NFSx757G<br/>           FWHM / FWTM: Asymmetric<br/>           Efficiency: 94 %<br/>           Peak intensity: 1.1 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 S5 (2 chip)<br/>           FWHM / FWTM: Asymmetric<br/>           Efficiency: 94 %<br/>           Peak intensity: 1.1 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: Purple<br/>           Required components:</p>                          |  |

### OPTICAL RESULTS (MEASURED):

#### OSRAM

Opto Semiconductors

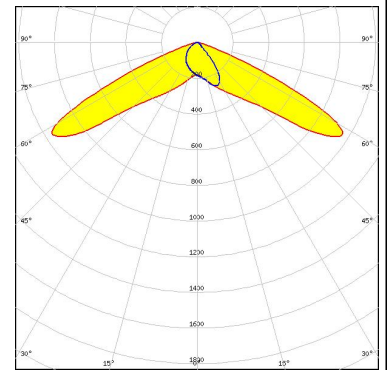
LED Duris S5 (Single chip)  
 FWHM / FWTM Asymmetric  
 Efficiency 93 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

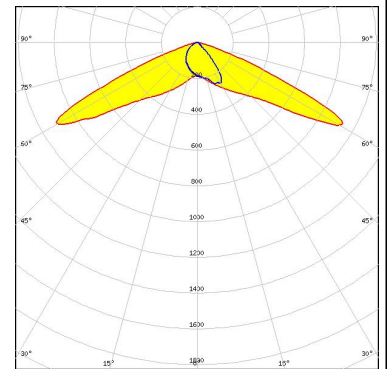
Opto Semiconductors

LED OSCONIQ S 3030 (QSLR31)  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



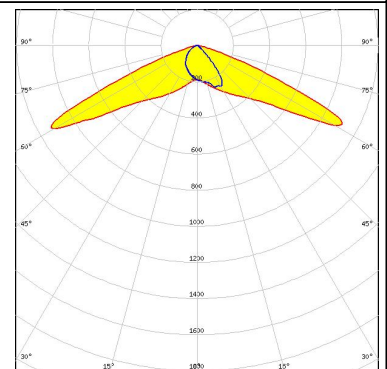
#### PHILIPS

LED Fortimo FastFlex LED 4x16 DHE G4  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

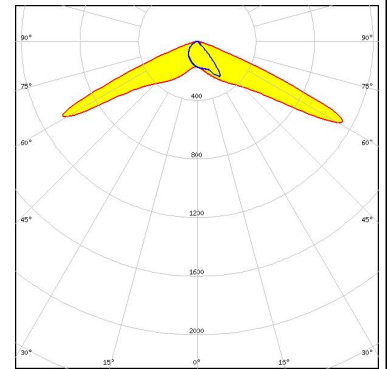
LED HiLOM RM64 (LM301B)  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

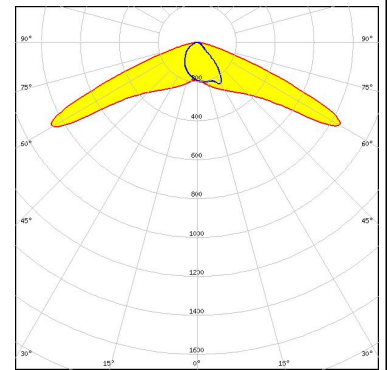
### SAMSUNG

LED LM231 A/B  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



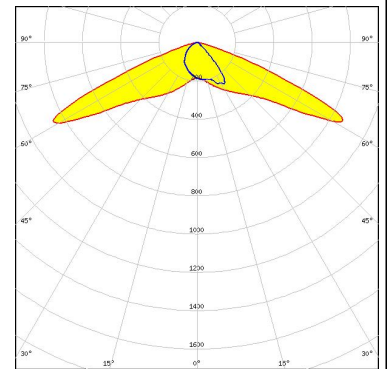
### SCIOLUX

LED XLE-S44XTEHE (XT-E HE)  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### TRIDONIC

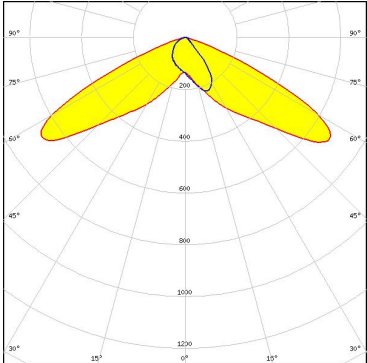
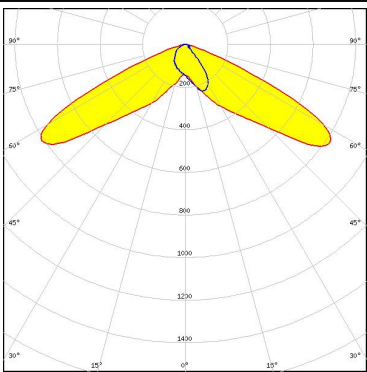
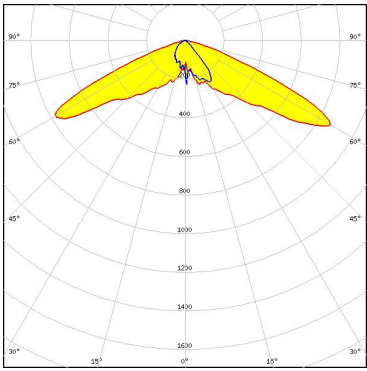
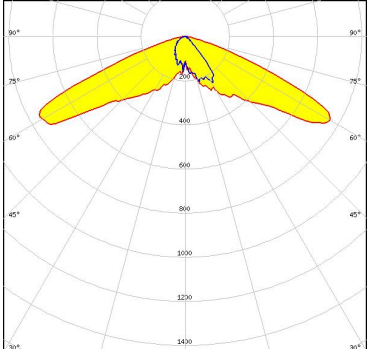
LED RLE 4x16 4000lm MP ADV2 OTD  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### TRIDONIC

LED RLE 4x8 2000lm MP ADV2 OTD  
 FWHM / FWTM Asymmetric  
 Efficiency 94 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

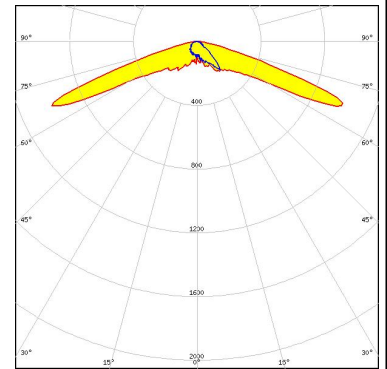
#### OPTICAL RESULTS (SIMULATED):

|   |   |
|---|---|
| <p><b>bridgelux.</b></p> <p>LED CSP 2727 (BXCP)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 81 %</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 style="background-color: #ADD8E6; padding: 2px;">Protective plate, glass</p> |    |
| <p><b>bridgelux.</b></p> <p>LED CSP 2727 (BXCP)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 90 %</p> <p>Peak intensity 0.8 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>   |   |
| <p><b>CREE</b><br/>LEDs</p> <p>LED J Series 3030</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><b>LUMILEDS</b></p> <p>LED LUXEON 3030 2D (Round LES)</p> <p>FWHM / FWTM Asymmetric</p> <p>Efficiency 0 %</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>   |  |

#### OPTICAL RESULTS (SIMULATED):

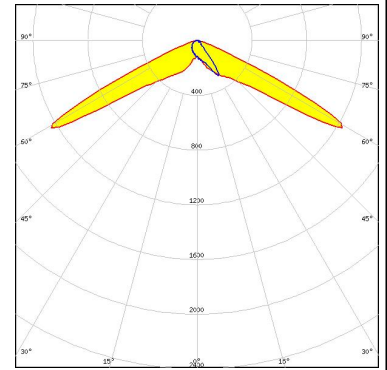
##### LUMILEDS

LED LUXEON C  
 FWHM / FWTM Asymmetric  
 Efficiency 89 %  
 Peak intensity 1.2 cd/lm  
 LEDs/each optic 1  
 Light colour RGBW  
 Required components:



##### NICHIA

LED NFSWE11A  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

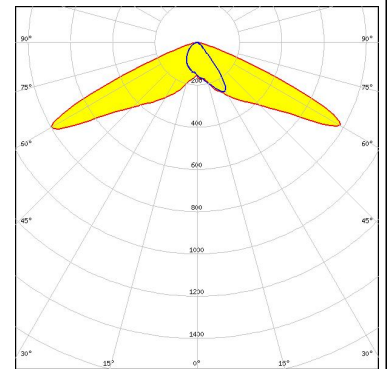


##### OSRAM

Opto Semiconductors

LED Duris S5 (Single chip)  
 FWHM / FWTM Asymmetric  
 Efficiency 83 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

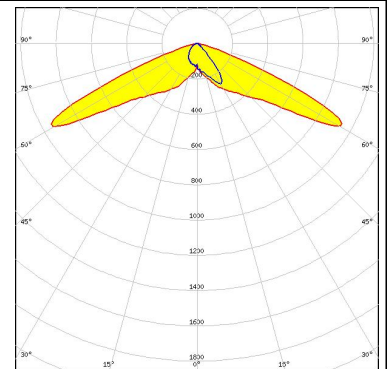
Protective plate, glass



##### OSRAM

Opto Semiconductors

LED OSCONIQ C 2424  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



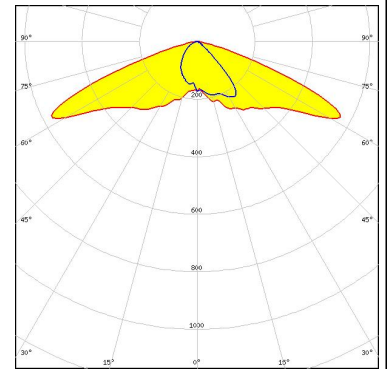
### OPTICAL RESULTS (SIMULATED):

#### OSRAM

Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM Asymmetric  
 Efficiency 82 %  
 Peak intensity 0.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

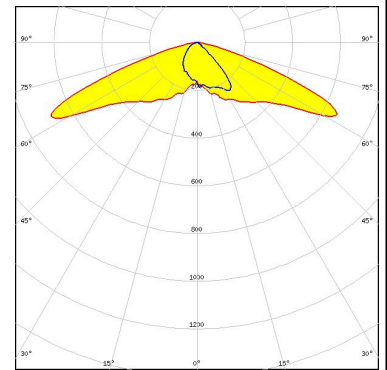
Protective plate, glass



#### OSRAM

Opto Semiconductors

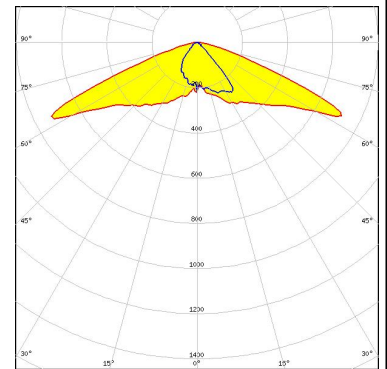
LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

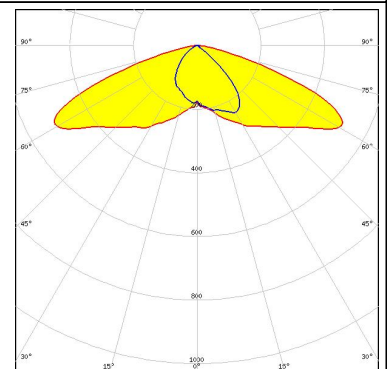
Opto Semiconductors

LED OSLON Square PC  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

LED LH351B  
 FWHM / FWTM Asymmetric  
 Efficiency 88 %  
 Peak intensity 0.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



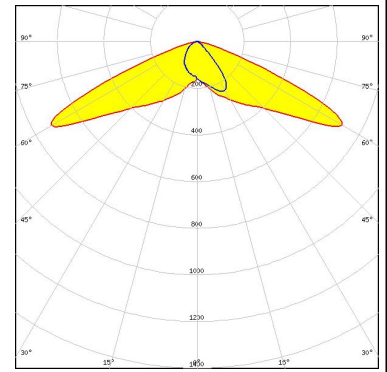


#### OPTICAL RESULTS (SIMULATED):

### SAMSUNG

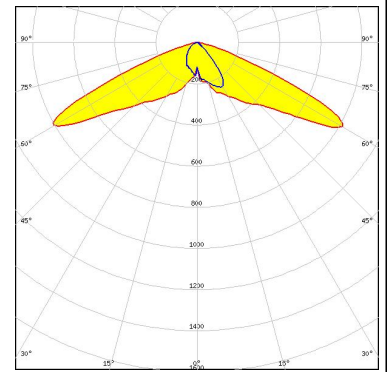
LED LM301B  
 FWHM / FWTM Asymmetric  
 Efficiency 85 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass

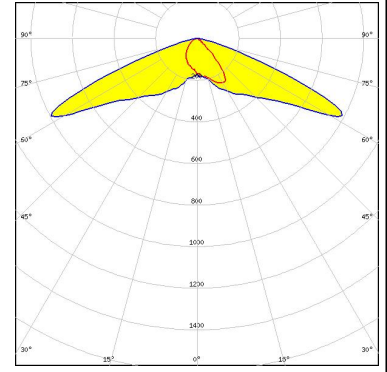


### SAMSUNG

LED LM301B  
 FWHM / FWTM Asymmetric  
 Efficiency 91 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED SEOUL DC 3030C  
 FWHM / FWTM Asymmetric  
 Efficiency 92 %  
 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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