

## STRADELLA-8-HV-CY

Beam for canopy lighting with batwing light distribution. Suitable for symmetrical tunnel lighting. Variant with improved creepage distance for high voltage circuit designs.

### SPECIFICATION:

|                |                |
|----------------|----------------|
| Dimensions     | 49.5 x 49.5 mm |
| Height         | 4.9 mm         |
| Fastening      | screw          |
| ROHS compliant | yes ⓘ          |

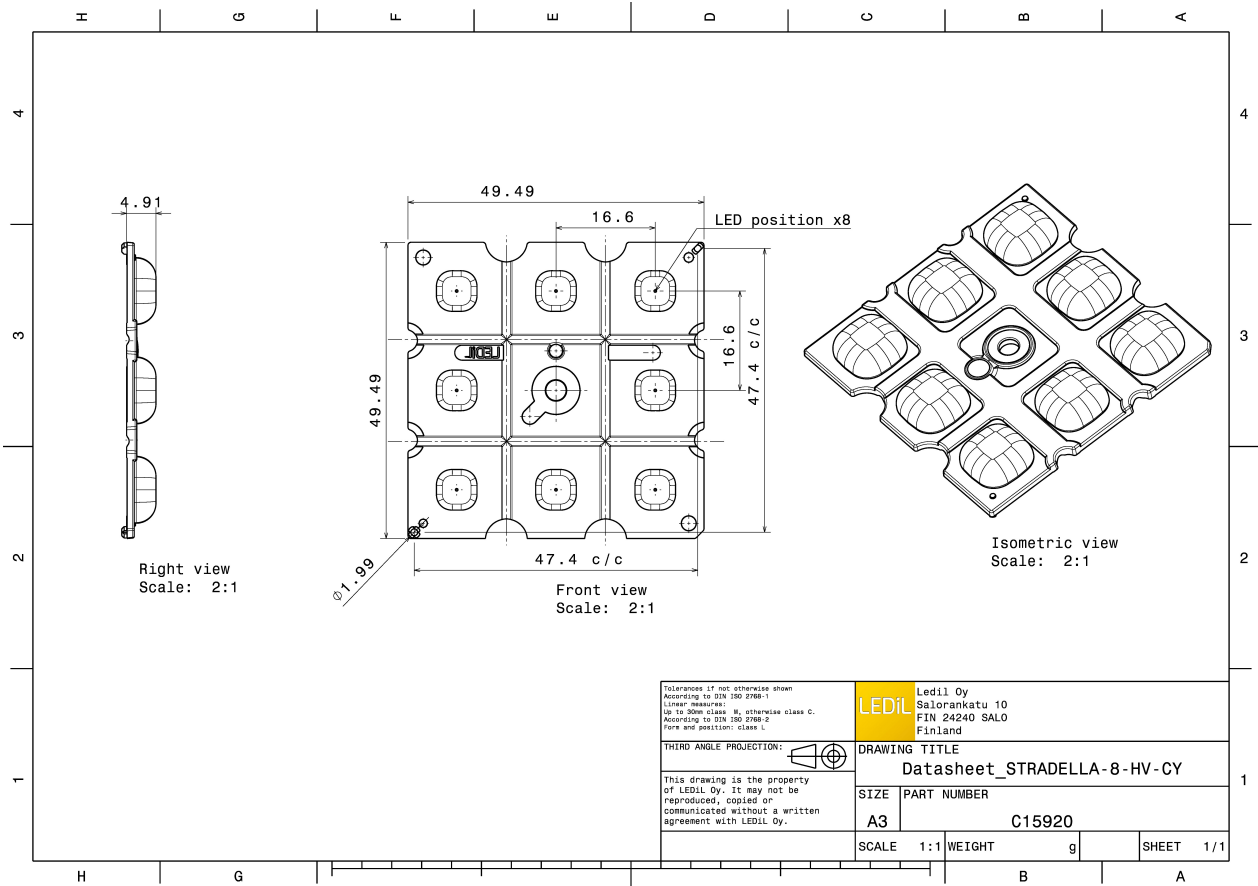


### MATERIALS:

| Component         | Type       | Material | Colour | Finish |
|-------------------|------------|----------|--------|--------|
| STRADELLA-8-HV-CY | Multi-lens | PMMA     | clear  |        |

### ORDERING INFORMATION:

| Component  | Qty in box | MOQ | MPQ | Box weight (kg) |
|--|------------|-----|-----|-----------------|
| C15920_STRADELLA-8-HV-CY<br>» Box size: 480 x 280 x 300 mm | 800        | 160 | 160 | 4.8             |

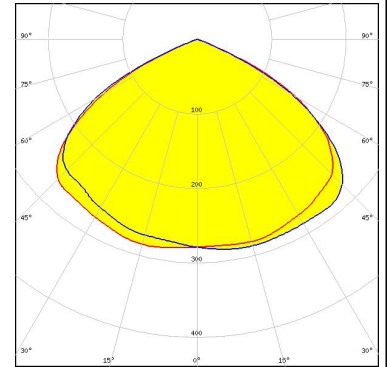


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### OPTICAL RESULTS (MEASURED):

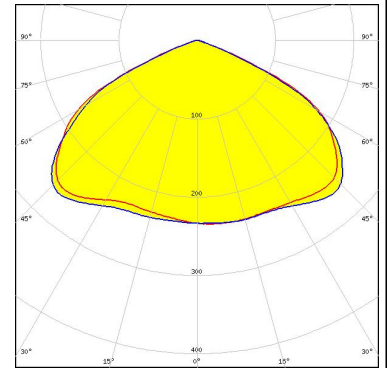
##### CREE LED

LED J Series 3030  
 FWHM / FWTM 121.0° / 136.0°  
 Efficiency 98 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



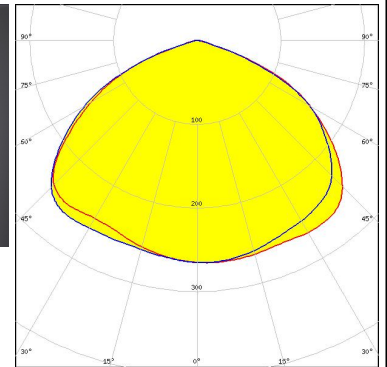
##### CREE LED

LED XD16  
 FWHM / FWTM 129.0° / 142.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



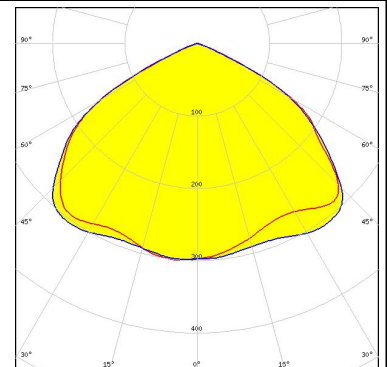
##### CREE LED

LED XT-E  
 FWHM / FWTM 125.0 + 126.0° / 146.0°  
 Efficiency 94 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

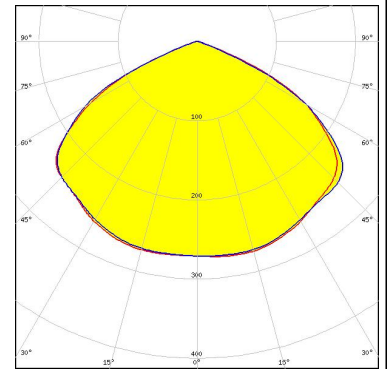
LED LUXEON 3030 2D (Round LES)  
 FWHM / FWTM 120.0° / 135.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

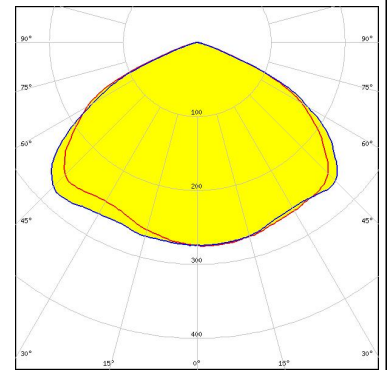
##### LUMILEDS

LED LUXEON V2  
 FWHM / FWTM 124.0° / 140.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



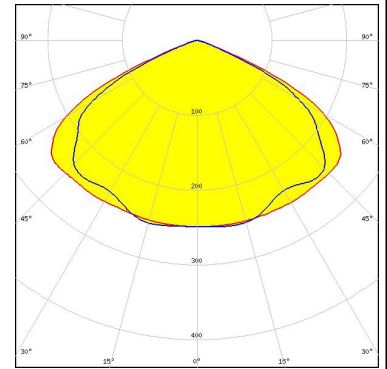
##### LUMINUS

LED SST-10-B130  
 FWHM / FWTM 126.0° / 144.0°  
 Efficiency 97 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour Deep Red  
 Required components:



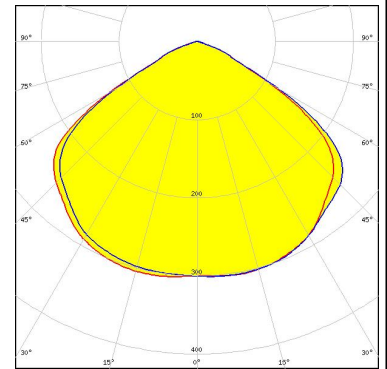
##### NICHIA

LED NF2W585AR  
 FWHM / FWTM 130.0° / 143.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

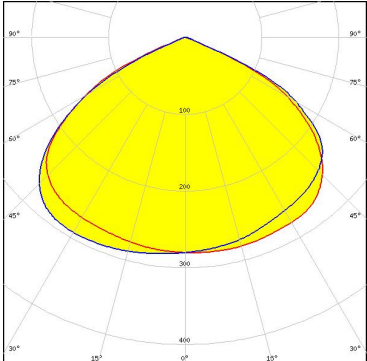
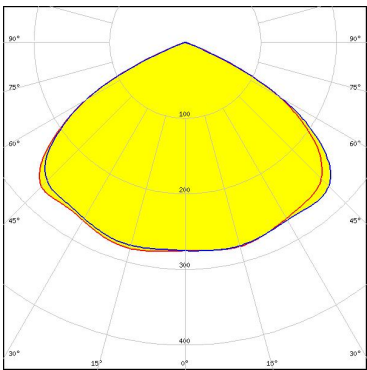
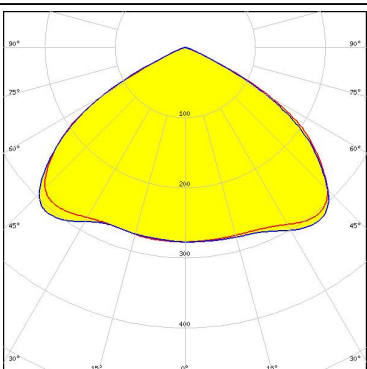
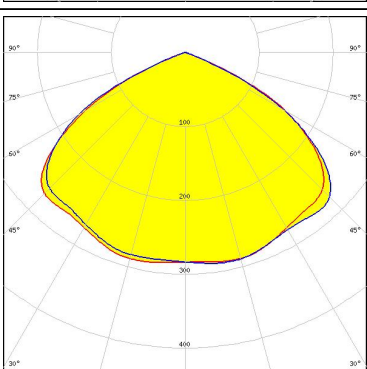


##### NICHIA


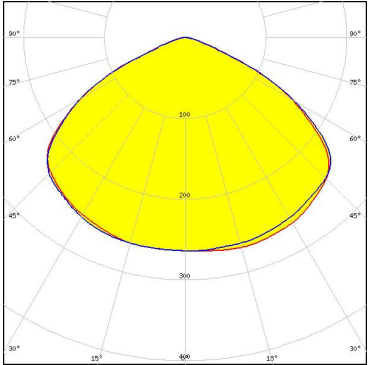

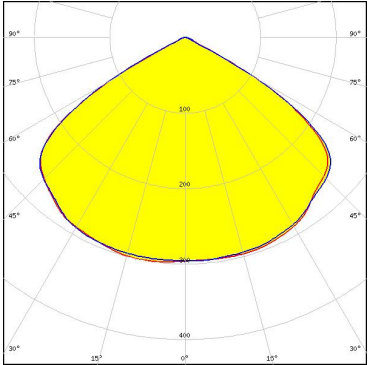
LED NVSW219D  
 FWHM / FWTM 116.0° / 140.0 + 139.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OPTICAL RESULTS (MEASURED):

|   |   |
|---|---|
| <p><b>NICHIA</b></p> <p>LED NVSW319B<br/>           FWHM / FWTM 122.0° / 136.0°<br/>           Efficiency 94 %<br/>           Peak intensity 0.4 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 OSCONIQ S 3030 (QSLR31)<br/>           FWHM / FWTM 121.0° / 136.0°<br/>           Efficiency 94 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |   |
| <p><b>PHILIPS</b></p> <p>LED Fortimo FastFlex LED 4x8up PR G5<br/>           FWHM / FWTM 120.0° / 134.0°<br/>           Efficiency 94 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>                              |  |
| <p><b>SEOUL</b><br/> <small>SEOUL SEMICONDUCTOR</small></p> <p>LED SEOUL DC 3030C<br/>           FWHM / FWTM Asymmetric<br/>           Efficiency 94 %<br/>           Peak intensity 0.4 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>               |  |

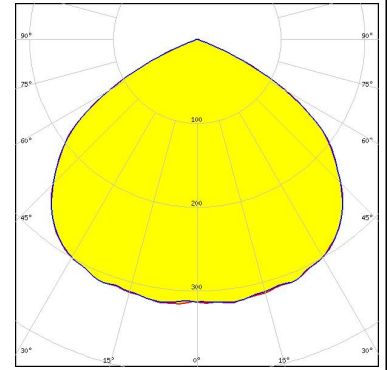
#### OPTICAL RESULTS (MEASURED):

|  |                 |  |
|--|-----------------|--|
| <br>SEOUL SEMICONDUCTOR |                 |   |
| LED  | Z5M3            |  |
| FWHM / FWTM  | 124.0° / 144.0° |  |
| Efficiency   | 94 %            |  |
| Peak intensity   | 0.4 cd/lm       |  |
| LEDs/each optic  | 1               |  |
| Light colour   | White           |  |
| Required components:   |                 |  |
| <br>SEOUL SEMICONDUCTOR |                 |  |
| LED  | Z5M4            |  |
| FWHM / FWTM  | 117.0° / 127.0° |  |
| Efficiency   | 98 %            |  |
| Peak intensity   | 0.4 cd/lm       |  |
| LEDs/each optic  | 1               |  |
| Light colour   | White           |  |
| Required components:   |                 |  |

#### OPTICAL RESULTS (SIMULATED):

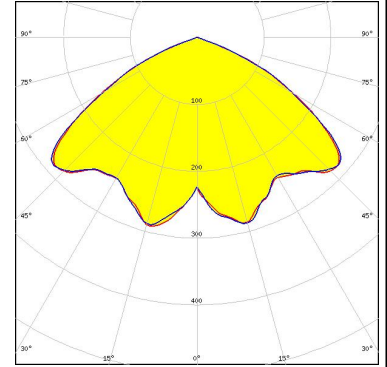
##### LUMILEDS

LED LUXEON 5050 Square LES  
 FWHM / FWTM 114.0° / 136.0°  
 Efficiency 96 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



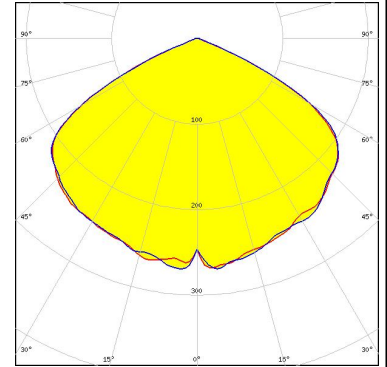
##### LUMILEDS

LED LUXEON CZ  
 FWHM / FWTM 123.0° / 140.0°  
 Efficiency 96 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### NICHIA

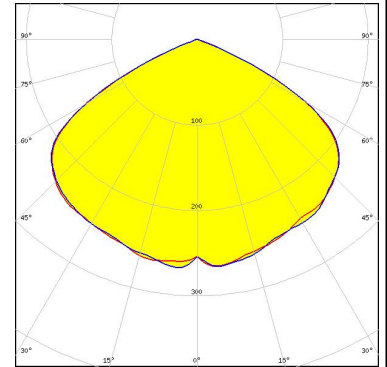
LED NVSW519A  
 FWHM / FWTM 123.0° / 136.0°  
 Efficiency 92 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



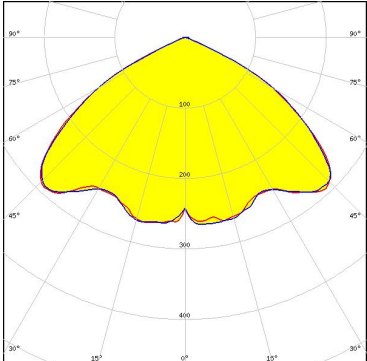
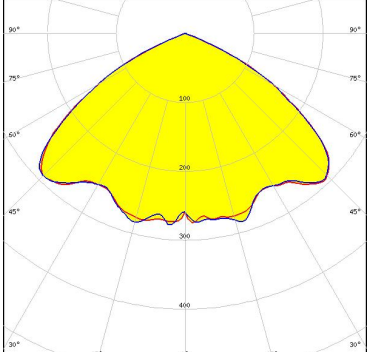
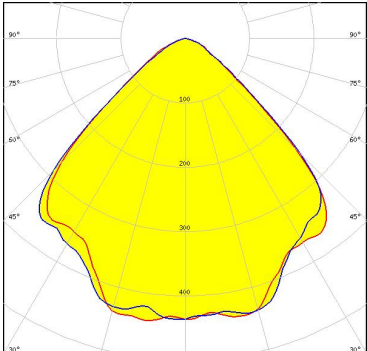
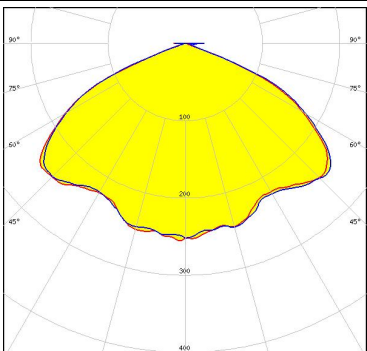
##### NICHIA

LED NVSW519A  
 FWHM / FWTM 122.0° / 136.0°  
 Efficiency 89 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



#### OPTICAL RESULTS (SIMULATED):

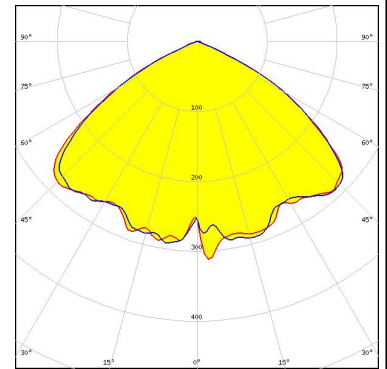
|  |   |
|--|---|
| <p><b>NICHIA</b></p> <p>LED: NVSxE21A<br/>           FWHM / FWTM: 120.0° / 133.0°<br/>           Efficiency: 94 %<br/>           Peak intensity: 0.4 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>                              |    |
| <p><b>OSRAM</b><br/>Opto Semiconductors</p> <p>LED: OSCONIQ C 2424<br/>           FWHM / FWTM: 120.0° / 136.0°<br/>           Efficiency: 96 %<br/>           Peak intensity: 0.4 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p> |   |
| <p><b>OSRAM</b><br/>Opto Semiconductors</p> <p>LED: SFH 4715AS<br/>           FWHM / FWTM: 93.0° / 124.0°<br/>           Efficiency: 96 %<br/>           Peak intensity: 0.5 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: IR<br/>           Required components:</p>         |  |
| <p><b>SAMSUNG</b></p> <p>LED: LH181A<br/>           FWHM / FWTM: 130.0° / 138.0°<br/>           Efficiency: 94 %<br/>           Peak intensity: 0.4 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>                               |  |



#### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

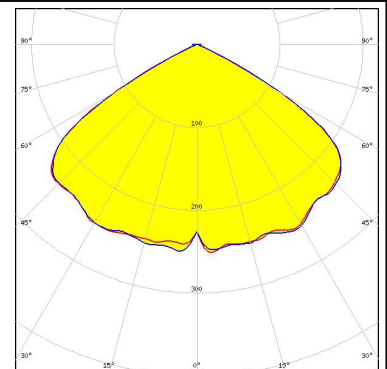
LED LH181B  
 FWHM / FWTM 128.0° / 132.0°  
 Efficiency 94 %  
 Peak intensity 0.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### SAMSUNG

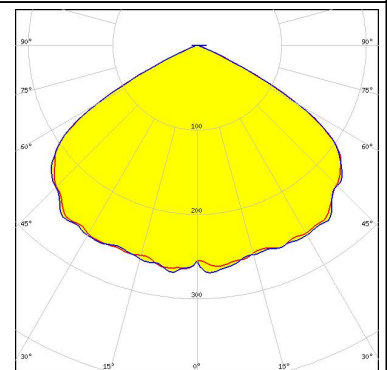
LED LH351C  
 FWHM / FWTM 118.0° / 130.0°  
 Efficiency 85 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

Protective plate, glass



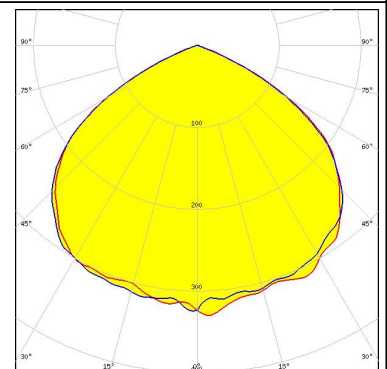
#### SAMSUNG

LED LH351D  
 FWHM / FWTM 120.0° / 134.0°  
 Efficiency 91 %  
 Peak intensity 0.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED SEOUL DC 5050 6V  
 FWHM / FWTM 113.0° / 136.0°  
 Efficiency 94 %  
 Peak intensity 0.3 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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#### Shipping locations

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Hong Kong, China

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