

## FLARE-MAXI-TAPE

34 x 33 mm lens with ~100° x 15° oval beam.  
Assembly with installation tape.

### SPECIFICATION:

|                |                |
|----------------|----------------|
| Dimensions     | 33.9 x 33.3 mm |
| Height         | 16.9 mm        |
| Fastening      | tape, pin      |
| ROHS compliant | yes ⓘ          |

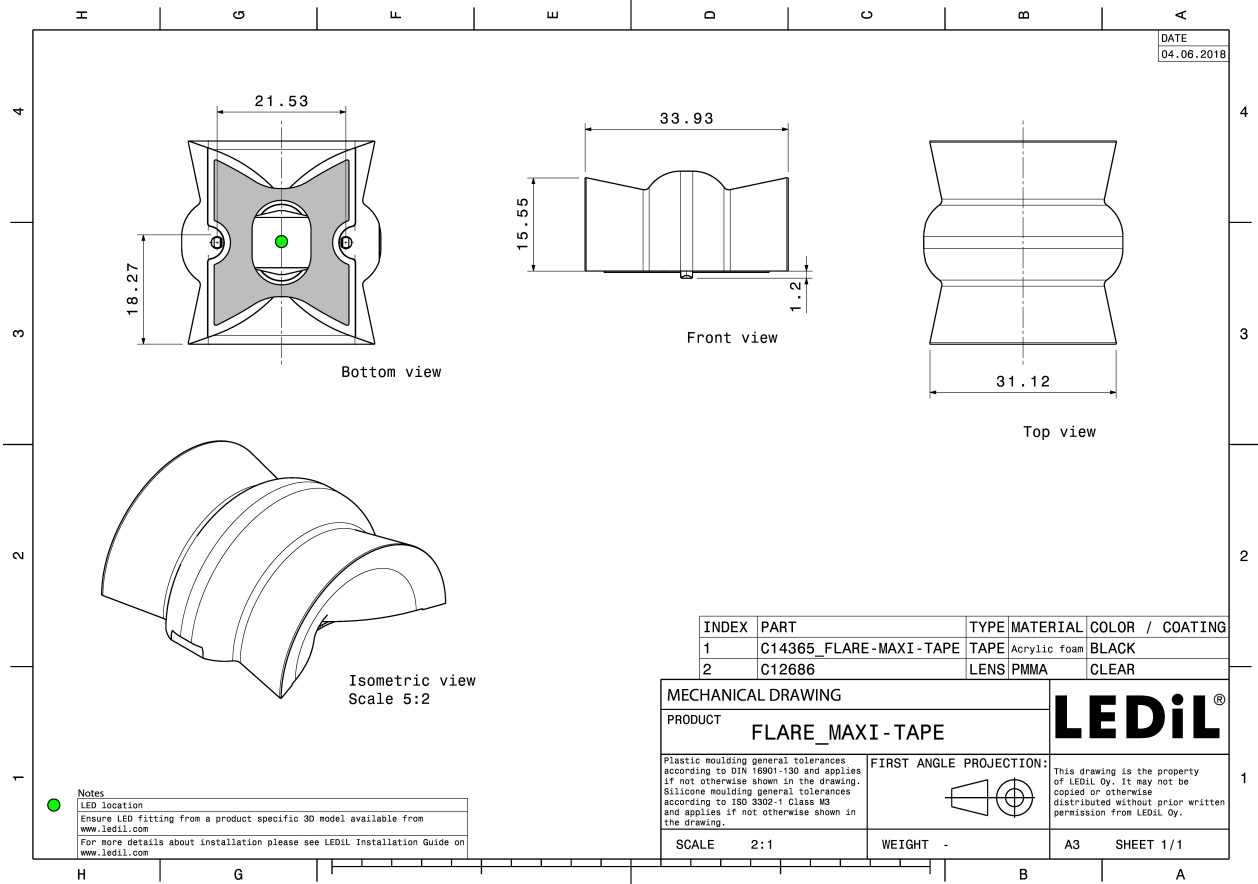


### MATERIALS:

| Component       | Type        | Material     | Colour | Finish |
|-----------------|-------------|--------------|--------|--------|
| FLARE-MAXI      | Single lens | PMMA         | clear  |        |
| FLARE-MAXI-TAPE | Tape        | Acrylic foam | clear  |        |

### ORDERING INFORMATION:

| Component               |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|-------------------------|-------------|------------|-----|-----|-----------------|
| CA14366_FLARE-MAXI-TAPE | Single lens | 864        | 144 | 72  | 9.7             |
| » Box size:             |             |            |     |     |                 |



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

#### OPTICAL RESULTS (MEASURED):



LED XM-L  
FWHM / FWTM 96.0 + 15.0° / 175.0°  
Efficiency 94 %  
Peak intensity 2.1 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



LED XM-L2  
FWHM / FWTM 105.0 + 13.0°  
Efficiency 96 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G  
FWHM / FWTM 105.0 + 11.0° / 174.0°  
Efficiency 94 %  
Peak intensity 2.5 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

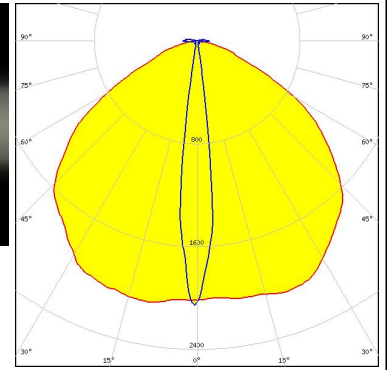


LED XP-G2  
FWHM / FWTM 96.0 + 10.0° / 162.0°  
Efficiency 94 %  
Peak intensity 3.1 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

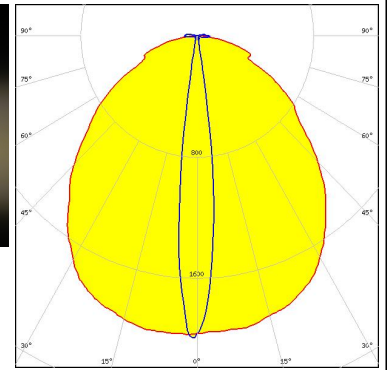
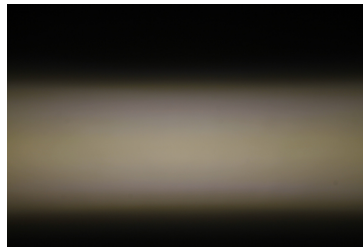
#### OPTICAL RESULTS (MEASURED):



LED XP-L HD  
 FWHM / FWTM 115.0 + 13.0° / 149.0 + 19.0°  
 Efficiency 94 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-L2  
 FWHM / FWTM 99.0 + 13.0° / 158.0 + 21.0°  
 Efficiency 94 %  
 Peak intensity 2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E  
 FWHM / FWTM 96.0 + 10.0° / 183.0°  
 Efficiency 94 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Rebel ES  
 FWHM / FWTM 91.0 + 10.0° / 164.0°  
 Efficiency 94 %  
 Peak intensity 2.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

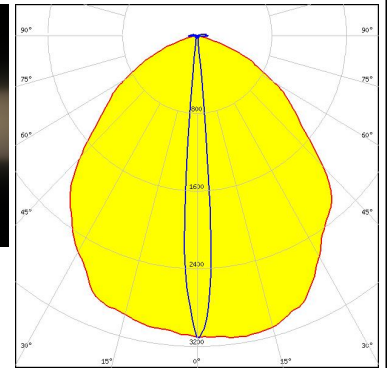
#### OPTICAL RESULTS (MEASURED):

##### LUMILEDS

LED LUXEON T  
FWHM / FWTM 96.0 + 10.0° / 262.0°  
Efficiency 92 %  
Peak intensity 2.9 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

##### LUMILEDS

LED LUXEON TX  
FWHM / FWTM 96.0 + 9.0° / 141.0°  
Efficiency 94 %  
Peak intensity 3.2 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:



##### NICHIA

LED NCSxx19B  
FWHM / FWTM 98.0 + 9.0° / 170.0°  
Efficiency 94 %  
Peak intensity 3.5 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

##### NICHIA

LED NVSxx19B/NVSxx19C  
FWHM / FWTM 98.0 + 11.0° / 176.0°  
Efficiency 94 %  
Peak intensity 2.4 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

#### OPTICAL RESULTS (MEASURED):

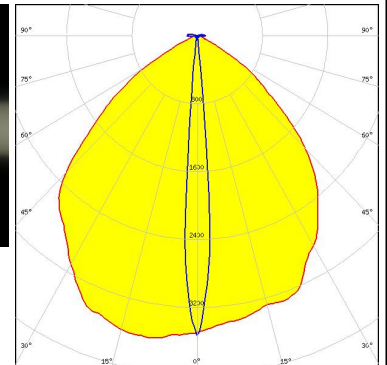
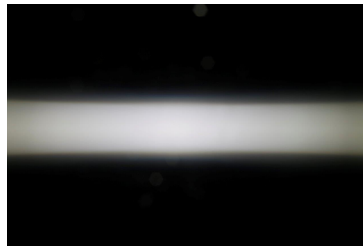
#### OSRAM

Opto Semiconductors

LED OSLON Square PC  
 FWHM / FWTM 98.0 + 13.0° / 178.0°  
 Efficiency 94 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

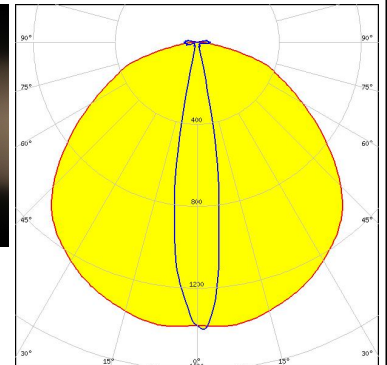
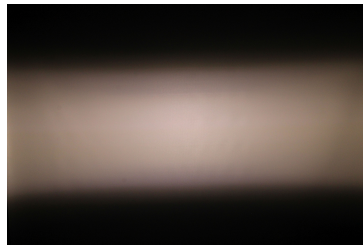
#### SAMSUNG

LED LH351Z  
 FWHM / FWTM 94.0 + 8.8° / 125.0 + 13.0°  
 Efficiency 94 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



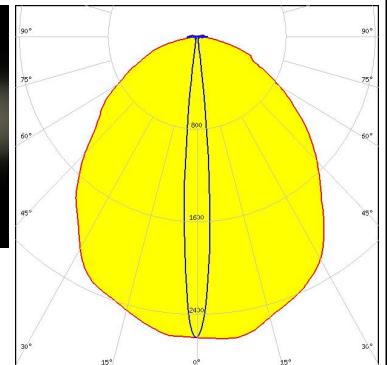
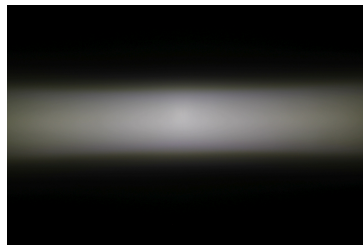
#### SEOUL SEMICONDUCTOR

LED WICOP 5050  
 FWHM / FWTM 112.0 + 17.0° / 158.0 + 27.0°  
 Efficiency 93 %  
 Peak intensity 1.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



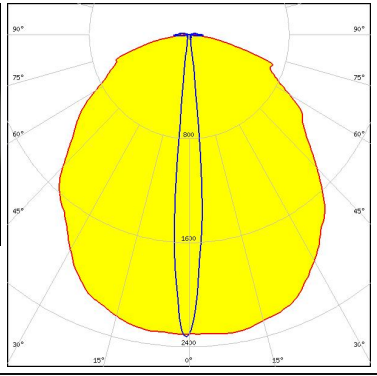

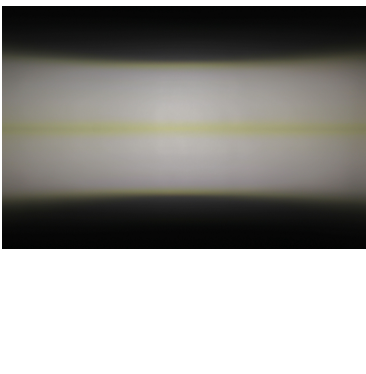
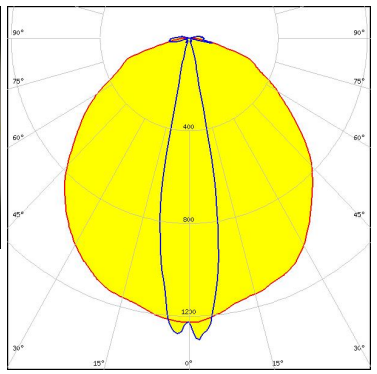


#### SEOUL SEMICONDUCTOR

LED Z5M3  
 FWHM / FWTM 97.0 + 10.0° / 154.0 + 17.0°  
 Efficiency 94 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



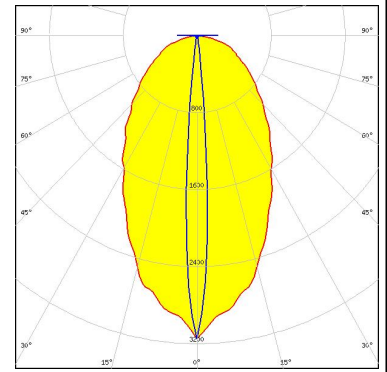
#### OPTICAL RESULTS (MEASURED):

|  |   |  |
|--|---|--|
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y22P</p> <p>FWHM / FWTM 104.0 + 10.0° / 160.0 + 17.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 2.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |   |   |
| <p> SEUL SEMICONDUCTOR</p> <p>LED Z8Y50P</p> <p>FWHM / FWTM 105.0 + 21.0° / 155.0 + 29.0°</p> <p>Efficiency 93 %</p> <p>Peak intensity 1.3 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |

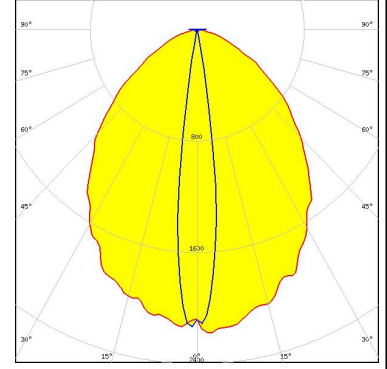
#### OPTICAL RESULTS (SIMULATED):



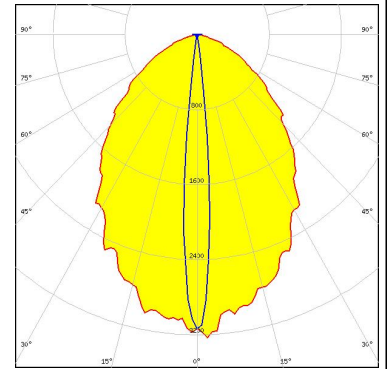
LED XD16  
 FWHM / FWTM 62.0 + 8.0° / 146.0 + 15.0°  
 Efficiency 94 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



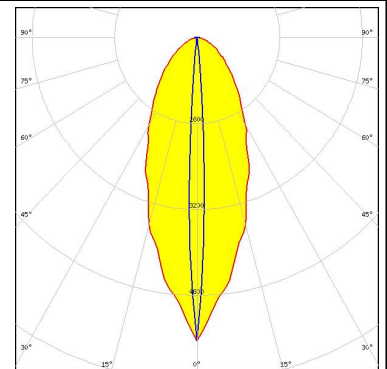
LED XHP35 HD  
 FWHM / FWTM 89.0 + 14.0° / 139.0 + 20.0°  
 Efficiency 91 %  
 Peak intensity 2.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XHP35 HI  
 FWHM / FWTM 82.0 + 10.0° / 136.0 + 15.0°  
 Efficiency 93 %  
 Peak intensity 3.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-E2  
 FWHM / FWTM 6.0 + 41.0° / 13.0 + 109.0°  
 Efficiency 94 %  
 Peak intensity 5.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

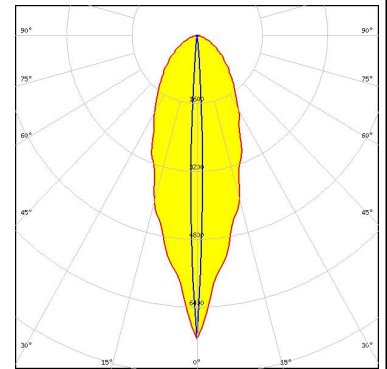




#### OPTICAL RESULTS (SIMULATED):

##### LUMILEDS

LED LUXEON CZ  
 FWHM / FWTM 4.0 + 34.0° / 10.0 + 107.0°  
 Efficiency 95 %  
 Peak intensity 7.1 cd/lm  
 LEDs/each optic 1  
 Light colour Red  
 Required components:

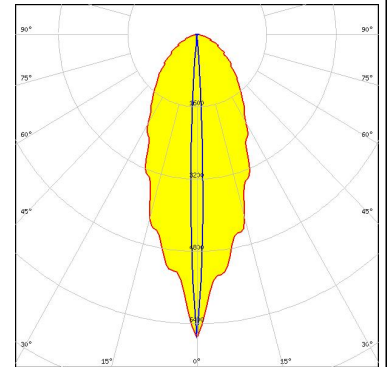


##### LUMILEDS

LED LUXEON H50-2  
 FWHM / FWTM 9.5 + 64.0° / 137.0°  
 Efficiency 92 %  
 Peak intensity 3.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

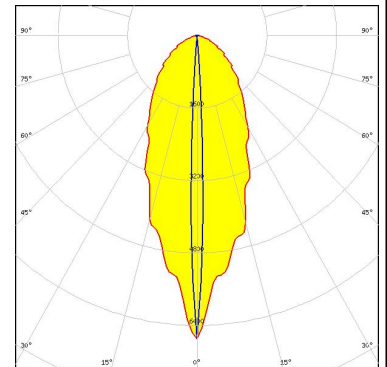
##### LUMILEDS

LED LUXEON Rubix  
 FWHM / FWTM 40.0 + 4.0° / 117.0 + 10.0°  
 Efficiency 96 %  
 Peak intensity 6.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

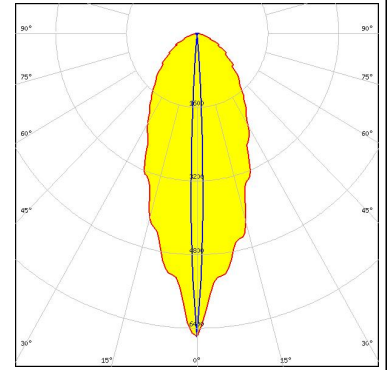
LED LUXEON Rubix  
 FWHM / FWTM 41.0 + 4.0° / 118.0 + 10.0°  
 Efficiency 96 %  
 Peak intensity 6.7 cd/lm  
 LEDs/each optic 1  
 Light colour Blue  
 Required components:



#### OPTICAL RESULTS (SIMULATED):

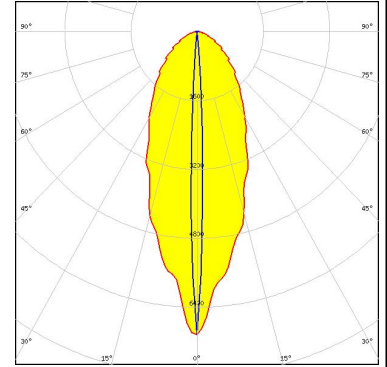
##### LUMILEDS

LED LUXEON Rubix  
 FWHM / FWTM 41.0 + 4.0° / 118.0 + 10.0°  
 Efficiency 96 %  
 Peak intensity 6.6 cd/lm  
 LEDs/each optic 1  
 Light colour Green  
 Required components:



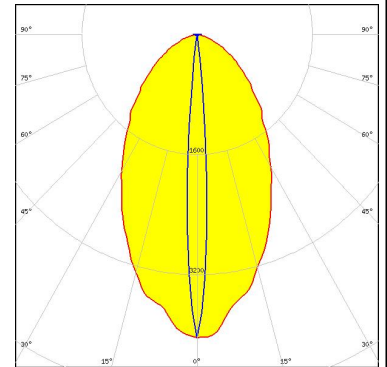
##### LUMILEDS

LED LUXEON Rubix  
 FWHM / FWTM 39.0 + 4.0° / 114.0 + 10.0°  
 Efficiency 96 %  
 Peak intensity 7 cd/lm  
 LEDs/each optic 1  
 Light colour Red  
 Required components:



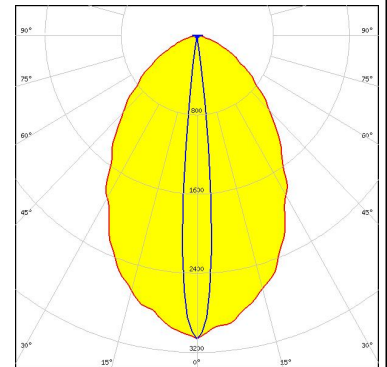
##### LUMINUS

LED SFT-40-WCS  
 FWHM / FWTM 61.0 + 8.0° / 129.0 + 14.0°  
 Efficiency 96 %  
 Peak intensity 4.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMINUS

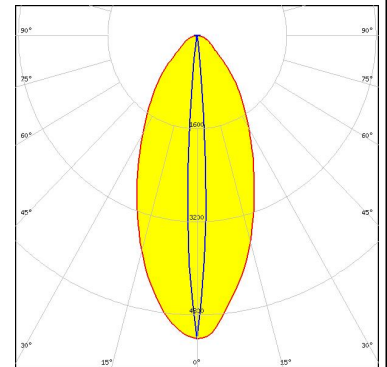
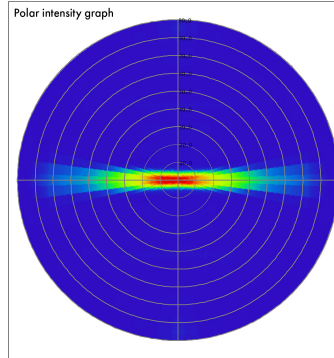
LED SFT-70X-WCS  
 FWHM / FWTM 72.0 + 10.0° / 132.0 + 16.0°  
 Efficiency 96 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



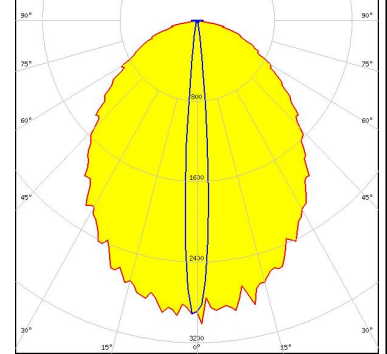
#### OPTICAL RESULTS (SIMULATED):



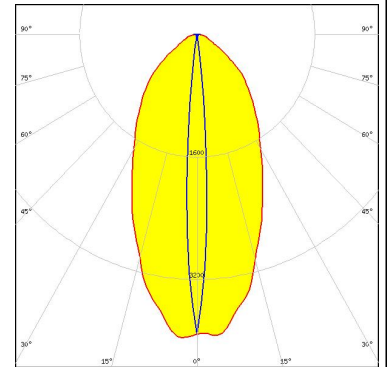
**LED** SST-IRD-B90  
**FWHM / FWTM** 55.0 + 8.0° / 104.0 + 12.0°  
**Efficiency** 95 %  
**LEDs/each optic** 1  
**Light colour** IR  
**Required components:**



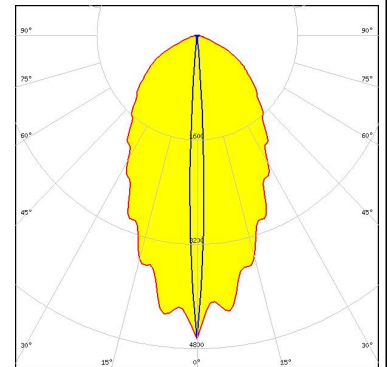
**LED** NCSxE17A  
**FWHM / FWTM** 90.0 + 9.0° / 150.0 + 18.0°  
**Efficiency** 94 %  
**Peak intensity** 3.1 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** OSOLON Square EC  
**FWHM / FWTM** 8.0 + 53.0° / 116.0 + 15.0°  
**Efficiency** 94 %  
**Peak intensity** 4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



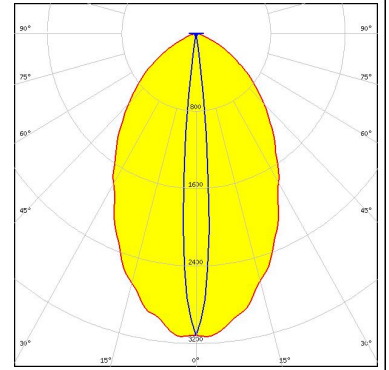
**LED** OSOLON SSL 150  
**FWHM / FWTM** 6.0 + 58.0° / 12.0 + 131.0°  
**Efficiency** 94 %  
**Peak intensity** 4.7 cd/lm  
**LEDs/each optic** 1  
**Light colour** Red  
**Required components:**



#### OPTICAL RESULTS (SIMULATED):

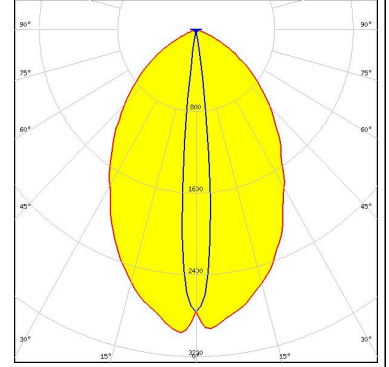
### SAMSUNG

LED LH351B  
 FWHM / FWTM 67.0 + 10.0° / 126.0 + 17.0°  
 Efficiency 94 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



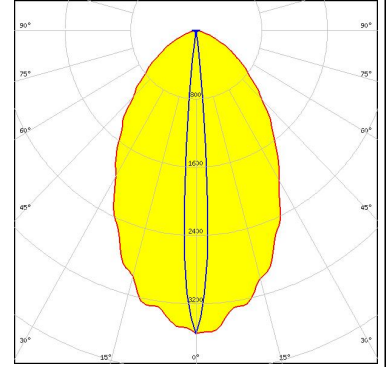
### SAMSUNG

LED LH351C  
 FWHM / FWTM 71.0 + 11.0° / 126.0 + 18.0°  
 Efficiency 94 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
 FWHM / FWTM 67.0 + 8.0° / 127.0 + 14.0°  
 Efficiency 94 %  
 Peak intensity 3.6 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:

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.

### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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where\\_to\\_buy](http://www.ledil.com/where_to_buy)

#### Shipping locations

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Hong Kong, China

#### Distribution Partners

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