

## G2-LAURA-RS-P

~8° spot beam. Assembly with thinner white holder, installation tape and location pins.

### TECHNICAL SPECIFICATIONS:

|                |                |
|----------------|----------------|
| Dimensions     | 21.6 x 21.6 mm |
| Height         | 13.1 mm        |
| Fastening      | tape, pin      |
| ROHS compliant | yes ⓘ          |

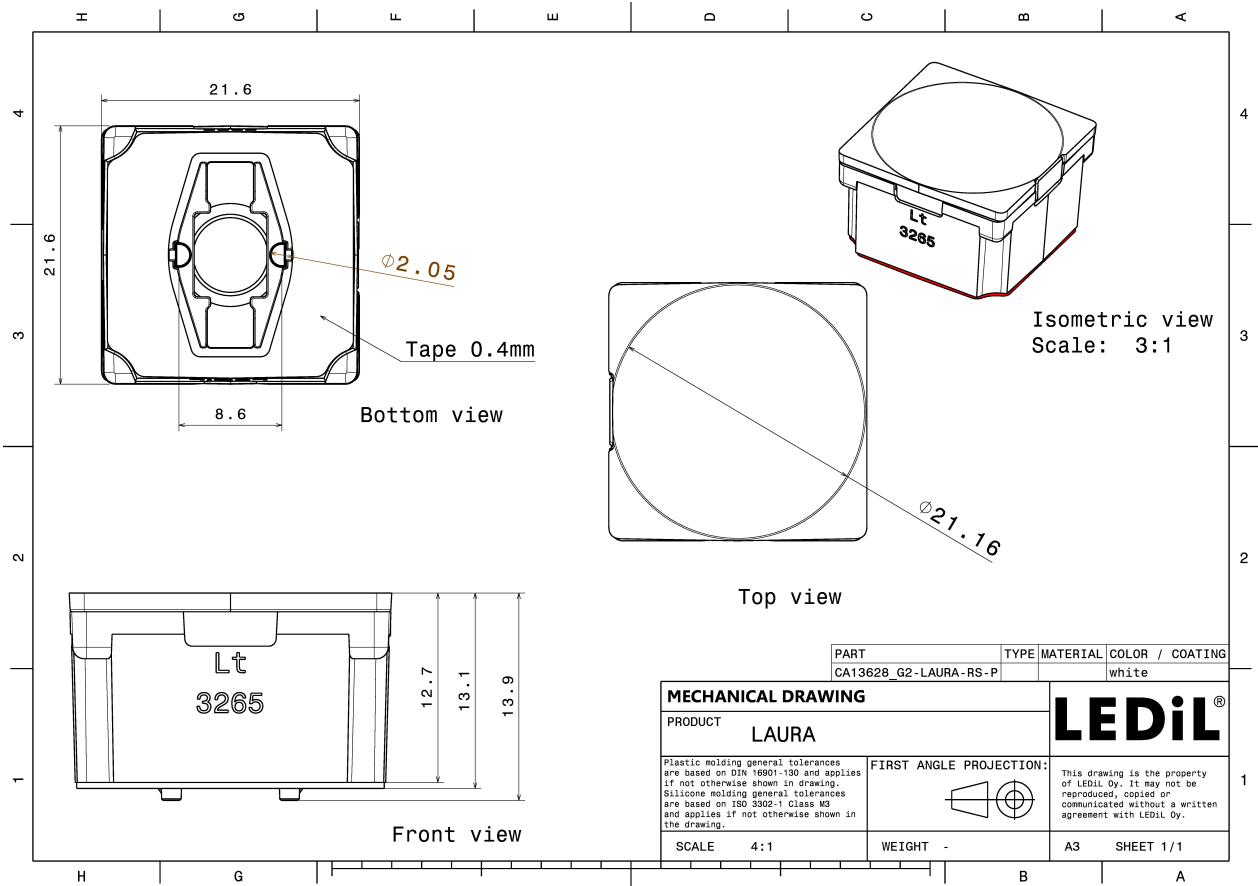
### MATERIAL SPECIFICATIONS:

| Component               | Type        | Material     | Colour | Finish |
|-------------------------|-------------|--------------|--------|--------|
| LAURA-RS                | Single lens | PMMA         | clear  |        |
| LAURA-LT-PIN-XP-HLD-WHT | Holder      | PC           | white  |        |
| ROSE-TAPE               | Tape        | Acrylic foam | black  |        |

### ORDERING INFORMATION:

| Component                            | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------------|------------|-----|-----|-----------------|
| CA13628_G2-LAURA-RS-P<br>» Box size: |            | 360 | 180 | 5.9             |



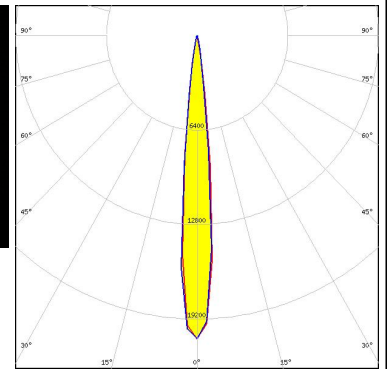


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

#### PHOTOMETRIC DATA (MEASURED):

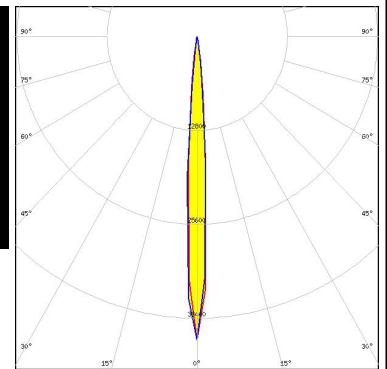
##### CREE LED

LED XB-H  
 FWHM / FWTM 11.0° / 20.0°  
 Efficiency 91 %  
 Peak intensity 20.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



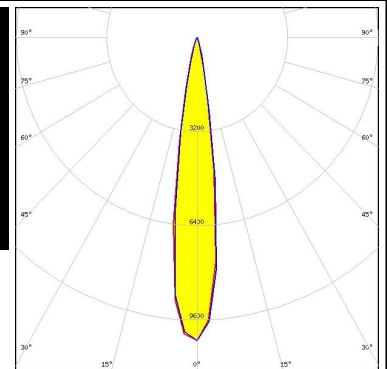
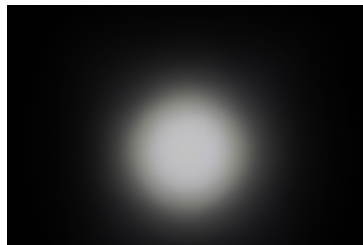
##### CREE LED

LED XP-E  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 93 %  
 Peak intensity 33.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### CREE LED

LED XP-E2  
 FWHM / FWTM 8.0° / 15.0°  
 Efficiency 91 %  
 Peak intensity 41.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



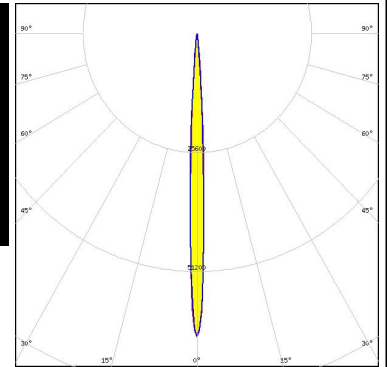
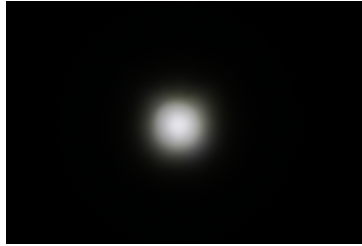
##### CREE LED

LED XP-L HD  
 FWHM / FWTM 16.0° / 27.0°  
 Efficiency 90 %  
 Peak intensity 10.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

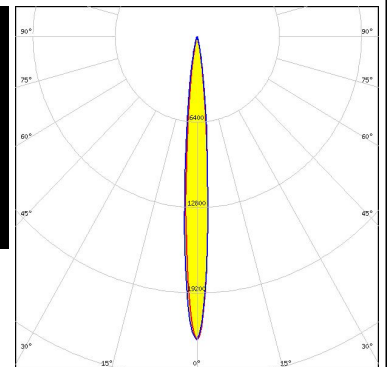
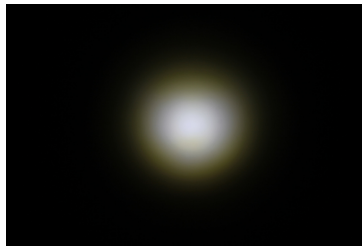
#### PHOTOMETRIC DATA (MEASURED):



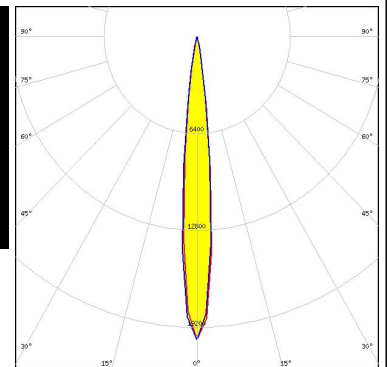
LED XQ-E HI  
 FWHM / FWTM 5.0° / 11.0°  
 Efficiency 94 %  
 Peak intensity 65.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



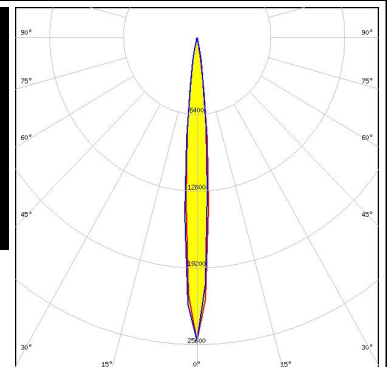
LED LUXEON 3030 2D (Round LES)  
 FWHM / FWTM 9.0° / 20.0°  
 Efficiency 92 %  
 Peak intensity 22.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON TX  
 FWHM / FWTM 11.0° / 21.0°  
 Efficiency 90 %  
 Peak intensity 20 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



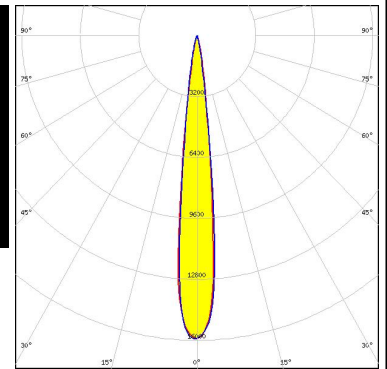
LED NCSxx19A  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 90 %  
 Peak intensity 25.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



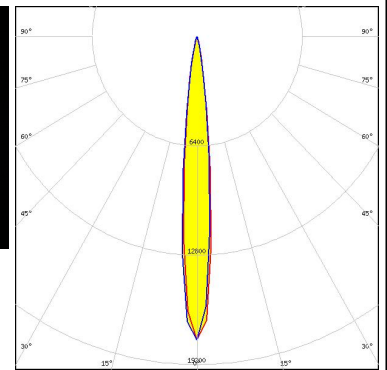
#### PHOTOMETRIC DATA (MEASURED):



LED NVSW219D  
 FWHM / FWTM 12.0° / 22.0°  
 Efficiency 94 %  
 Peak intensity 15.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSxx19A  
 FWHM / FWTM 12.0° / 23.0°  
 Efficiency 90 %  
 Peak intensity 17.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED NVSxx19B/NVSxx19C  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 90 %  
 Peak intensity 16.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

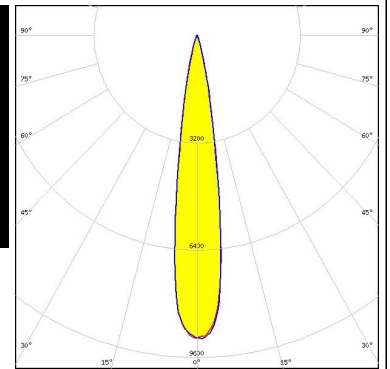
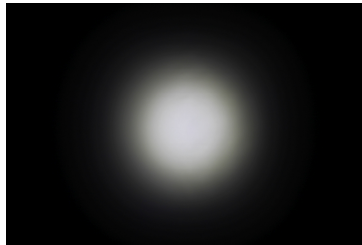


LED PLPVEC2 850A  
 FWHM / FWTM 6.0° / 14.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour IR  
 Required components:

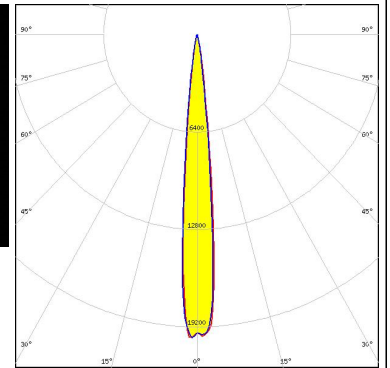
### PHOTOMETRIC DATA (MEASURED):

#### SAMSUNG

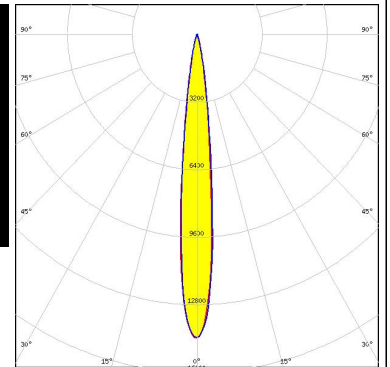
LED LH351D  
 FWHM / FWTM 16.0° / 29.0°  
 Efficiency 94 %  
 Peak intensity 9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**SEOUL SEMICONDUCTOR**  
 LED Z5M1/Z5M2  
 FWHM / FWTM 11.0° / 19.0°  
 Efficiency 91 %  
 Peak intensity 20 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



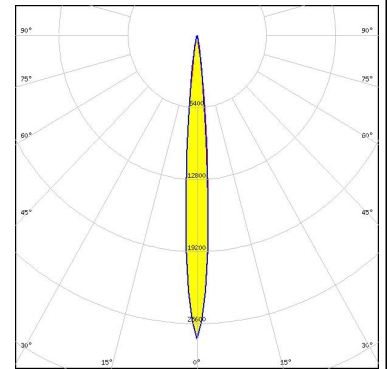
**SEOUL SEMICONDUCTOR**  
 LED Z5M3  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 94 %  
 Peak intensity 14.4 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



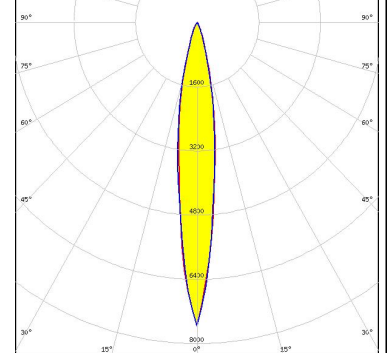
#### PHOTOMETRIC DATA (SIMULATED):



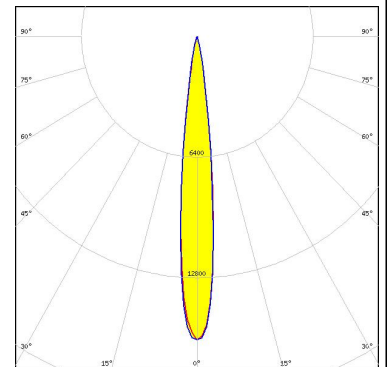
LED XD16  
 FWHM / FWTM 8.6° / 18.0°  
 Efficiency 93 %  
 Peak intensity 27 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



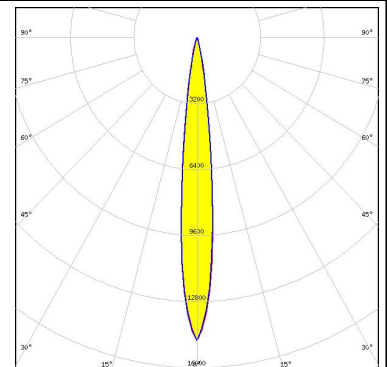
LED XHP35 HD  
 FWHM / FWTM 14.0° / 35.0°  
 Efficiency 94 %  
 Peak intensity 7.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




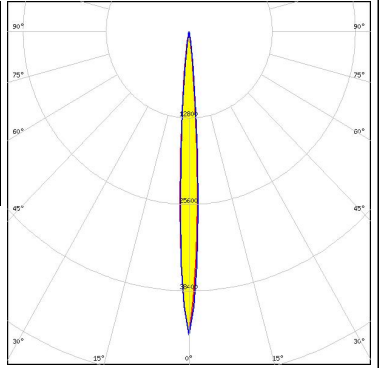
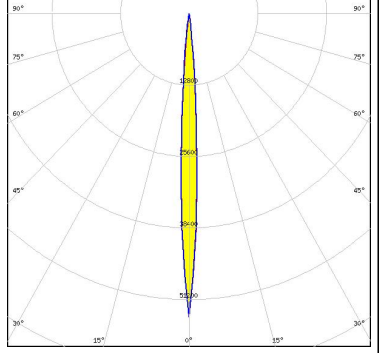
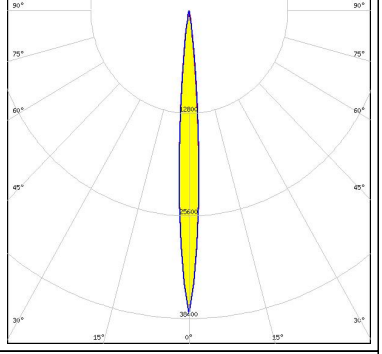
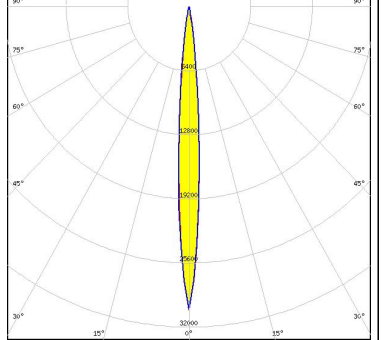
LED XHP35 HI  
 FWHM / FWTM 12.0° / 23.0°  
 Efficiency 94 %  
 Peak intensity 16.1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G3  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 92 %  
 Peak intensity 14.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (SIMULATED):

|  |  |   |
|--|--|---|
| <p><b>CREE</b> LED</p> <p>LED: XQ-E HD<br/>           FWHM / FWTM: 6.9° / 14.5°<br/>           Efficiency: 94 %<br/>           Peak intensity: 44.9 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>     |  |    |
| <p><b>LUMILEDS</b></p> <p>LED: LUXEON CZ<br/>           FWHM / FWTM: 6.0° / 13.0°<br/>           Efficiency: 95 %<br/>           Peak intensity: 54.3 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>   |  |   |
| <p><b>LUMILEDS</b></p> <p>LED: LUXEON Z ES<br/>           FWHM / FWTM: 8.0° / 16.0°<br/>           Efficiency: 95 %<br/>           Peak intensity: 37.8 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p> |  |  |
| <p><b>NICHIA</b></p> <p>LED: NCSxE17A<br/>           FWHM / FWTM: 8.0° / 18.0°<br/>           Efficiency: 95 %<br/>           Peak intensity: 30.3 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>      |  |  |



#### PHOTOMETRIC DATA (SIMULATED):

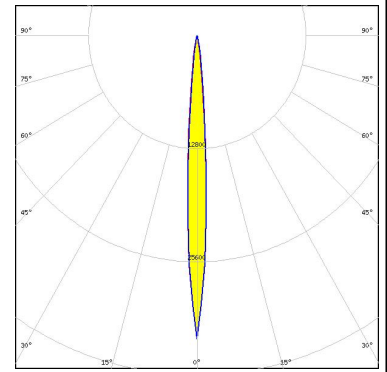
|  |  |
|--|--|
| <p><b>NICHIA</b></p> <p>LED: NVSxE21A<br/>           FWHM / FWTM: 10.0° / 21.0°<br/>           Efficiency: 94 %<br/>           Peak intensity: 21.1 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>                               |  |
| <p><b>OSRAM</b><br/>Opto Semiconductors</p> <p>LED: OSLOM Black<br/>           FWHM / FWTM: 9.5° / 20.0°<br/>           Efficiency: 97 %<br/>           Peak intensity: 23 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: OSLOM Black Flat<br/>           FWHM / FWTM: 6.8° / 14.0°<br/>           Efficiency: 94 %<br/>           Peak intensity: 48.3 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: OSLOM SSL 150<br/>           FWHM / FWTM: 8.0° / 16.0°<br/>           Efficiency: 95 %<br/>           Peak intensity: 37.9 cd/lm<br/>           LEDs/each optic: 1<br/>           Light colour: White<br/>           Required components:</p>    |  |

#### PHOTOMETRIC DATA (SIMULATED):

#### OSRAM

Opto Semiconductors

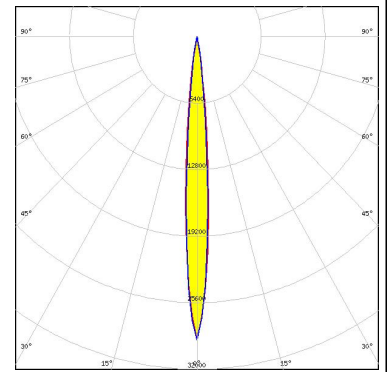
LED OSLON SSL 80  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 95 %  
 Peak intensity 34.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### OSRAM

Opto Semiconductors

LED SFH 4715S  
 FWHM / FWTM 9.0° / 18.0°  
 Efficiency 95 %  
 Peak intensity 29.2 cd/lm  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



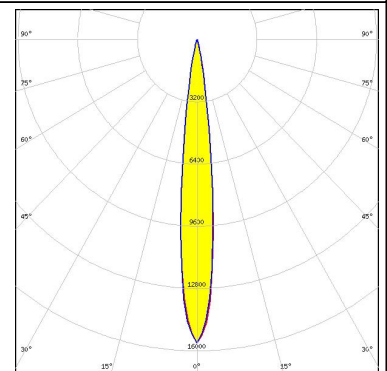
#### OSRAM

Opto Semiconductors

LED SFH 4770S  
 FWHM / FWTM 10.0° / 23.0°  
 Efficiency 94 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### SAMSUNG

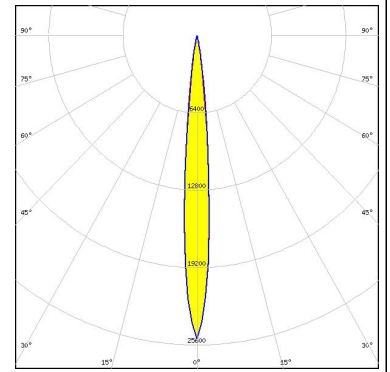
LED LH351B  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 95 %  
 Peak intensity 15.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**PHOTOMETRIC DATA (SIMULATED):**

## SAMSUNG

|                      |               |
|----------------------|---------------|
| LED                  | LH351Z        |
| FWHM / FWTM          | 10.0° / 18.0° |
| Efficiency           | 93 %          |
| Peak intensity       | 25 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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### PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

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[LL01CR-DF60L06-M2](#) [FN15993\\_RONDA-O](#) [FN15977\\_RONDA-WAS2](#) [CA14366\\_FLARE-MAXI-TAPE](#) [CA14442\\_VERONICA-SQ-W](#)  
[CA14509\\_G2-LXP2-M-P](#) [CA15231\\_VERONICA-SQ-MINI-W](#) [FP11002\\_LISA2-W-PIN](#)