

## EMILY-D

~11° diffused spot beam. 14.74 mm high lens.

## SPECIFICATION:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 26.0 mm |
| Height         | 14.7 mm   |
| Fastening      | tape, pin |
| ROHS compliant | yes ⓘ     |

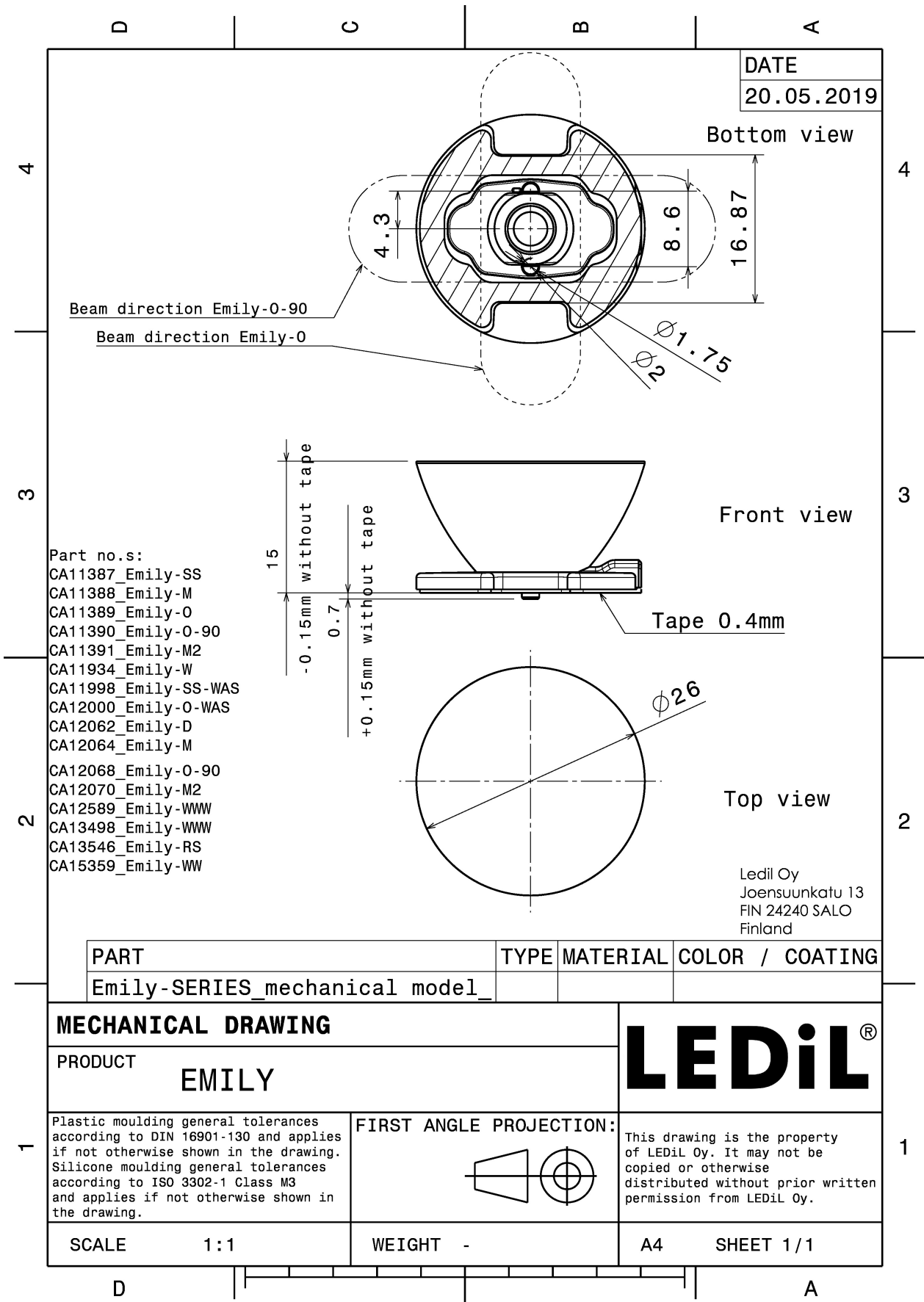
## MATERIALS:

| Component    | Type        | Material     | Colour | Finish |
|--------------|-------------|--------------|--------|--------|
| EMILY-D      | Single lens | PMMA         | clear  |        |
| SPUTNIK-TAPE | Tape        | Acrylic foam | black  |        |

## ORDERING INFORMATION:

| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA12062_EMILY-D                | Single lens | 1690       | 260 | 130 | 10.5            |
| » Box size: 480 x 280 x 300 mm |             |            |     |     |                 |



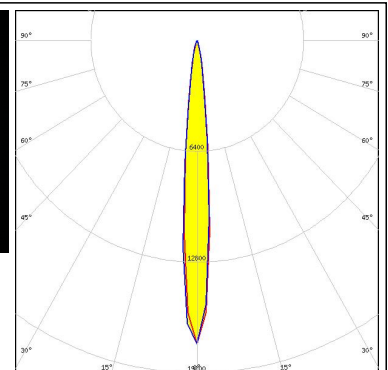


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

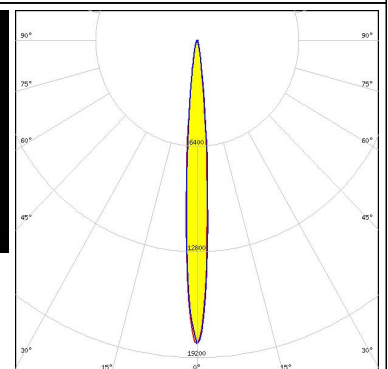
### OPTICAL RESULTS (MEASURED):



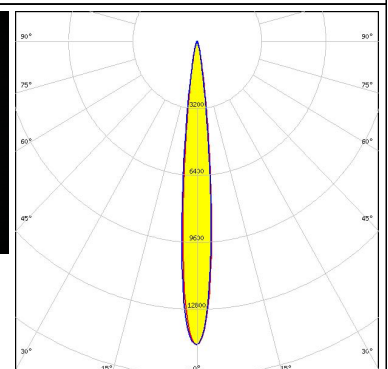
LED XB-H  
FWHM / FWTM 10.0° / 22.0°  
Efficiency 89 %  
Peak intensity 17.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



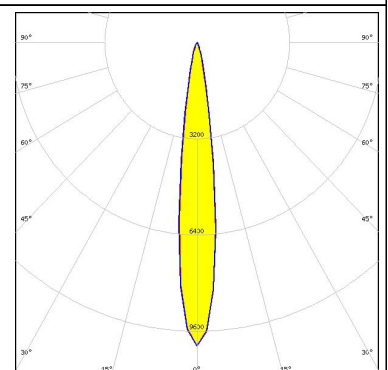
LED XD16  
FWHM / FWTM 8.0° / 18.0°  
Efficiency 92 %  
Peak intensity 18.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XHP35 HI  
FWHM / FWTM 11.0° / 22.0°  
Efficiency 92 %  
Peak intensity 14.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



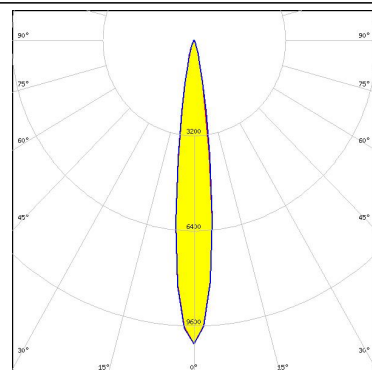
LED XM-L  
FWHM / FWTM 14.0° / 27.0°  
Efficiency 90 %  
Peak intensity 10.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



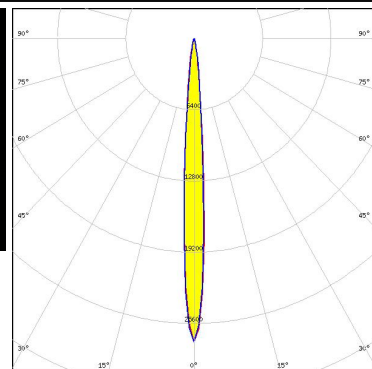
### OPTICAL RESULTS (MEASURED):



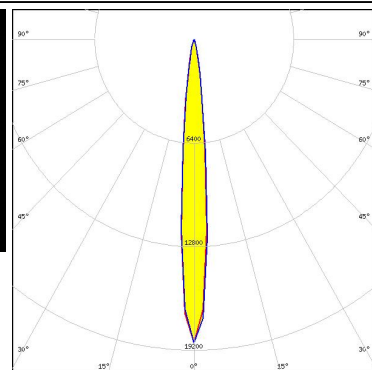
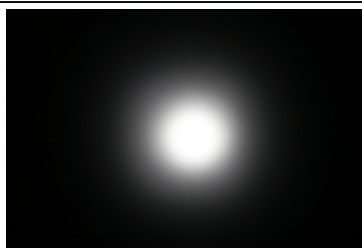
LED XM-L2  
FWHM / FWTM 14.0° / 27.0°  
Efficiency 90 %  
Peak intensity 10.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



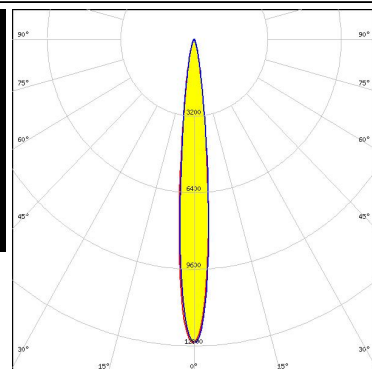
LED XP-E2  
FWHM / FWTM 8.0° / 18.0°  
Efficiency 87 %  
Peak intensity 27.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G2  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 90 %  
Peak intensity 20.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



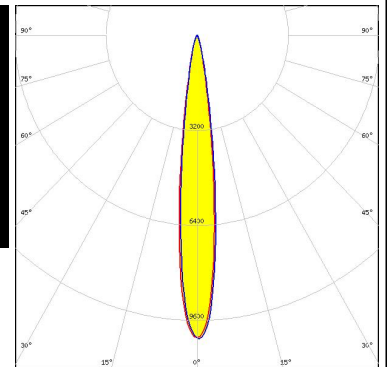
LED XP-G3  
FWHM / FWTM 11.0° / 24.0°  
Efficiency 94 %  
Peak intensity 13 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



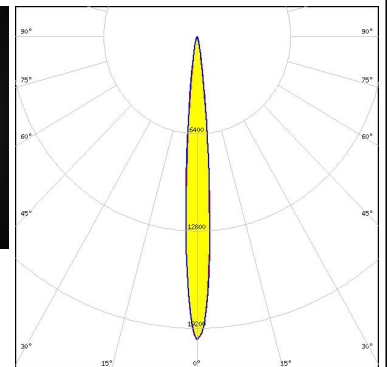
### OPTICAL RESULTS (MEASURED):



LED XP-L HD  
FWHM / FWTM 13.0° / 26.0°  
Efficiency 90 %  
Peak intensity 10.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-L HI  
FWHM / FWTM 9.0° / 19.0°  
Efficiency 87 %  
Peak intensity 20 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XT-E  
FWHM / FWTM 9.0°  
Efficiency %  
Peak intensity 14 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

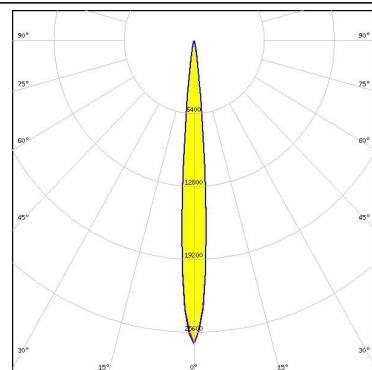


LED LUXEON A  
FWHM / FWTM 11.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour White  
Required components:

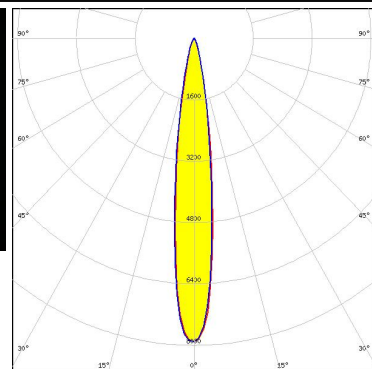
#### OPTICAL RESULTS (MEASURED):



LED LUXEON Rebel ES  
FWHM / FWTM 10.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour White  
Required components:



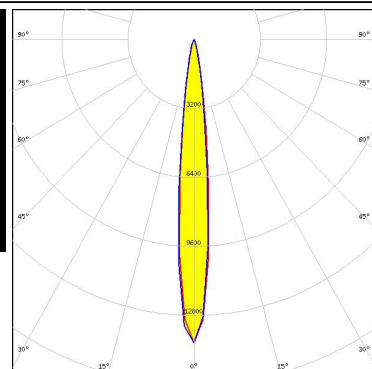
LED NS9x383  
FWHM / FWTM 14.0° / 30.0°  
Efficiency 90 %  
Peak intensity 7.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSLOM Square EC  
FWHM / FWTM 9.0° / 20.0°  
Efficiency 86 %  
Peak intensity 20.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



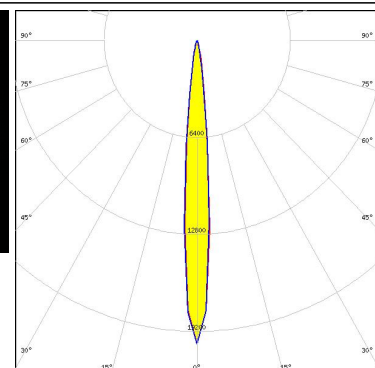
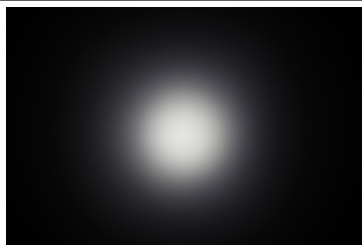
LED LH351B  
FWHM / FWTM 12.0° / 25.0°  
Efficiency 88 %  
Peak intensity 14 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (MEASURED):

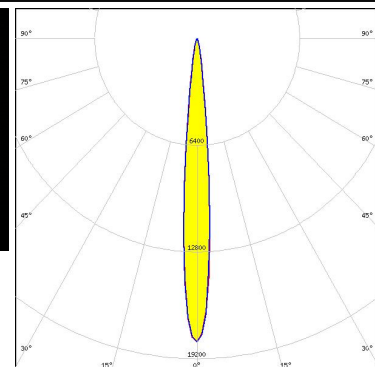
#### SAMSUNG

LED LH351Z  
FWHM / FWTM 10.0° / 21.0°  
Efficiency 88 %  
Peak intensity 20 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



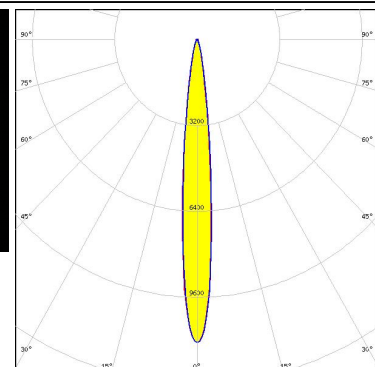
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 94 %  
Peak intensity 18.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

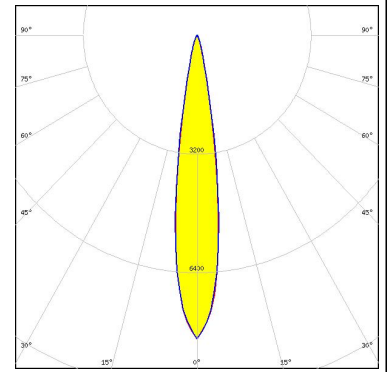
LED Z8Y22P  
FWHM / FWTM 11.0° / 24.0°  
Efficiency 93 %  
Peak intensity 11.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



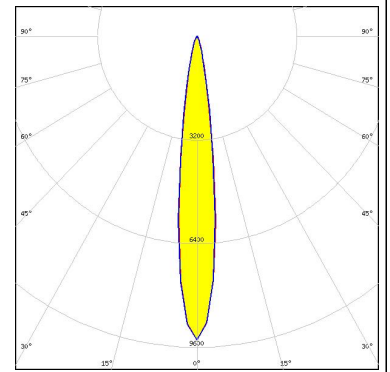
### OPTICAL RESULTS (SIMULATED):



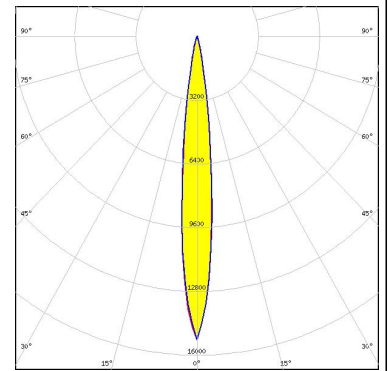
LED XHP35.2 HD  
FWHM / FWTM 16.0° / 30.0°  
Efficiency 93 %  
Peak intensity 8.2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



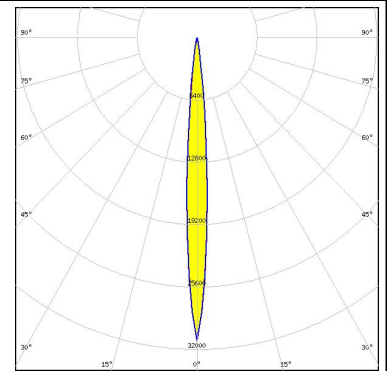
LED XM-L HVW  
FWHM / FWTM 14.0° / 27.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G2 HE  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 95 %  
Peak intensity 15.2 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



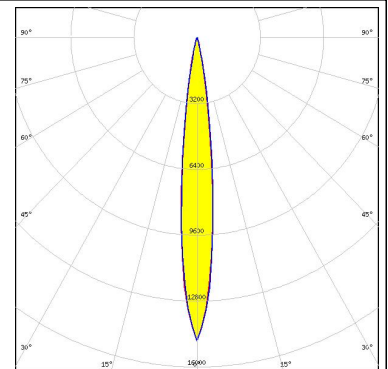
LED LUXEON C  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 91 %  
Peak intensity 31.1 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

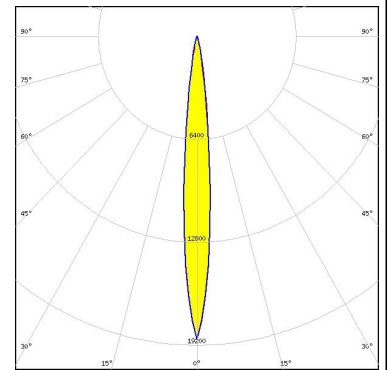
#### LUMILEDS

LED LUXEON HL2X  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 96 %  
Peak intensity 14.7 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



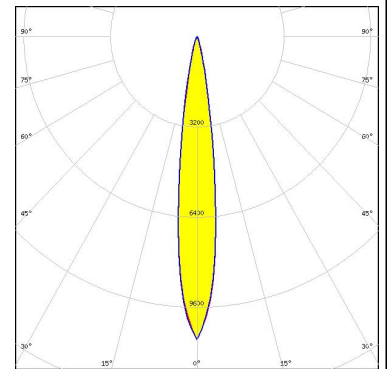
#### LUMILEDS

LED LUXEON HL2Z  
FWHM / FWTM 10.0° / 22.0°  
Efficiency 96 %  
Peak intensity 18.9 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



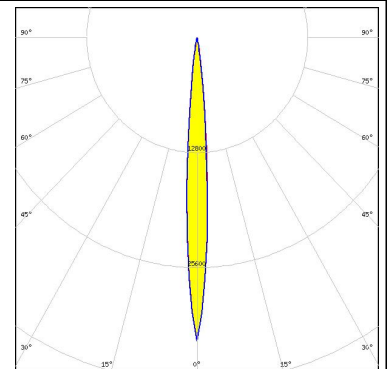
#### LUMILEDS

LED LUXEON MZ  
FWHM / FWTM 14.0° / 28.0°  
Efficiency 95 %  
Peak intensity 10.7 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



#### LUMILEDS

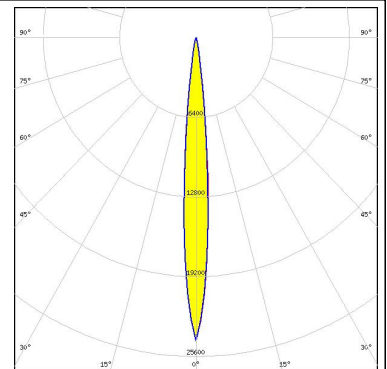
LED LUXEON SunPlus 20 Line (120 deg)  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 95 %  
Peak intensity 33.8 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (SIMULATED):

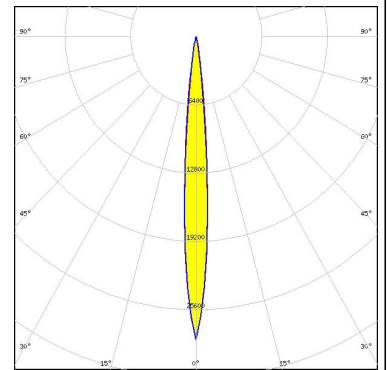
#### LUMILEDS

LED LUXEON TX  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 95 %  
Peak intensity 24.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



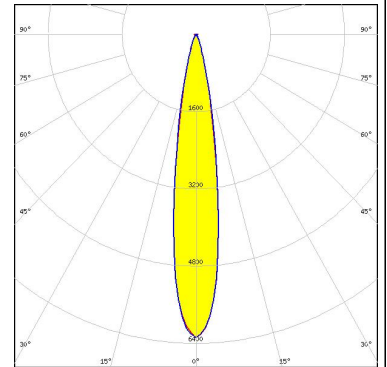
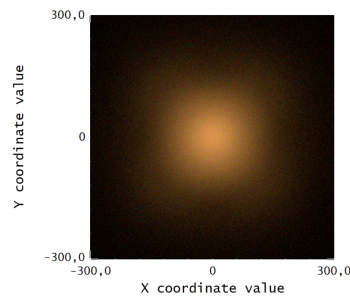
#### LUMILEDS

LED LUXEON Z ES  
FWHM / FWTM 9.0° / 18.0°  
Efficiency 96 %  
Peak intensity 28.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



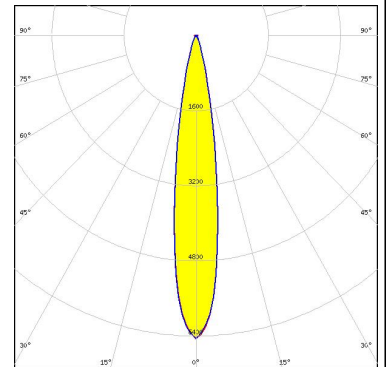
#### NICHIA

LED NCSxE17A  
FWHM / FWTM 16.0° / 34.0°  
Efficiency 89 %  
Peak intensity 6.3 cd/lm  
LEDs/each optic 4  
Light colour White  
Required components:



#### NICHIA

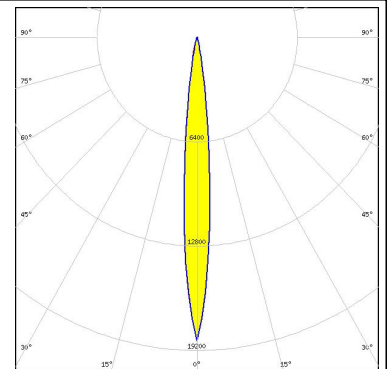
LED NCSxE17A  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 93 %  
Peak intensity 21.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



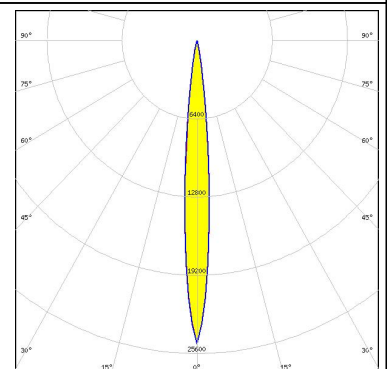
#### OPTICAL RESULTS (SIMULATED):



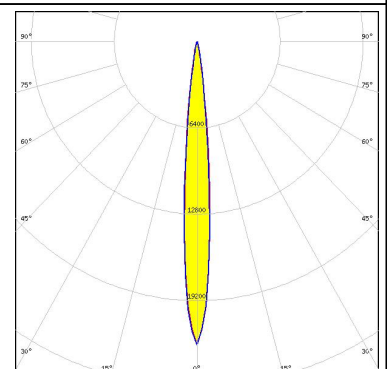
LED NVSxE21A  
FWHM / FWTM 10.0° / 22.0°  
Efficiency 94 %  
Peak intensity 18.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



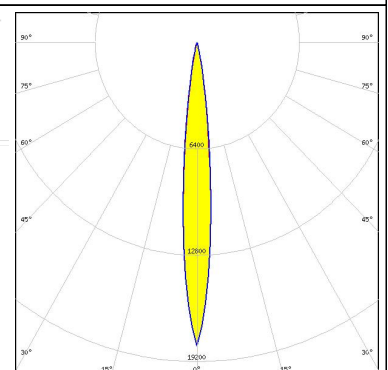
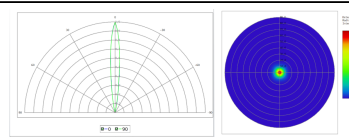
LED OSCONIQ C 2424  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 96 %  
Peak intensity 24.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



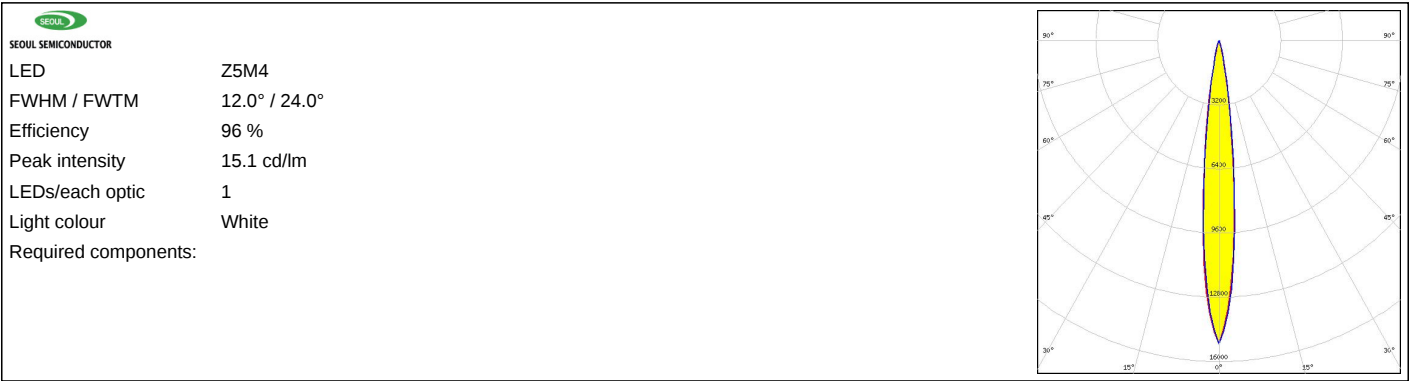
LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 9.9° / 20.0°  
Efficiency 94 %  
Peak intensity 22.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED SFH 4725AS  
FWHM / FWTM 11.0° / 22.0°  
Efficiency 95 %  
LEDs/each optic 1  
Light colour IR  
Required components:



OPTICAL RESULTS (SIMULATED):



### 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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