

## 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 ⓘ

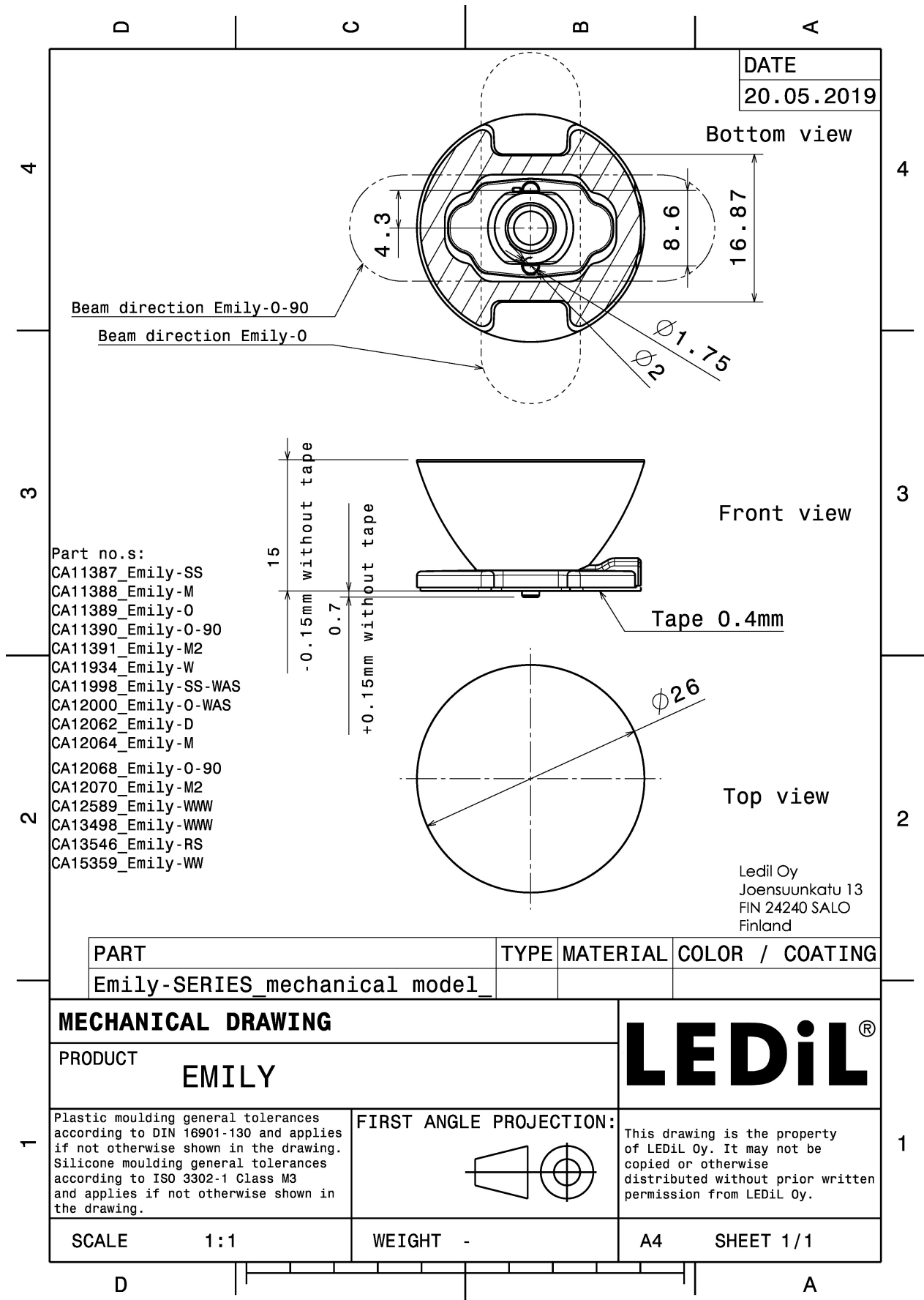
### MATERIALS:

Component	Type	Material	Colour	Finish	Length
EMILY-D	Single lens	PMMA	clear		26.0
SPUTNIK-TAPE	Tape	Acrylic foam	black		25.0

### 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					



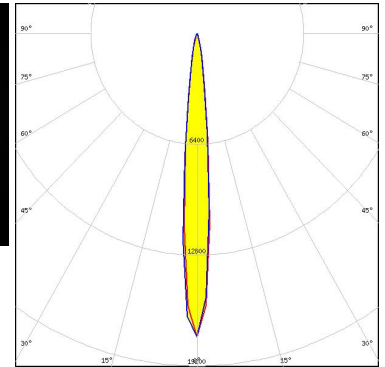


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



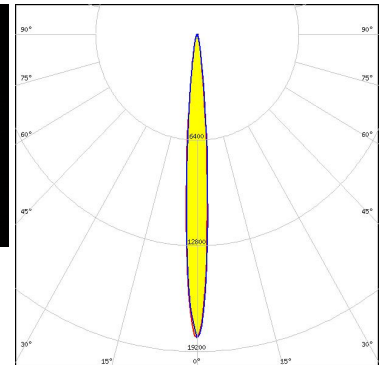
LED XB-H  
 FWHM / FWTM 10.0° / 22.0°  
 Efficiency 89 %  
 Peak intensity 17.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



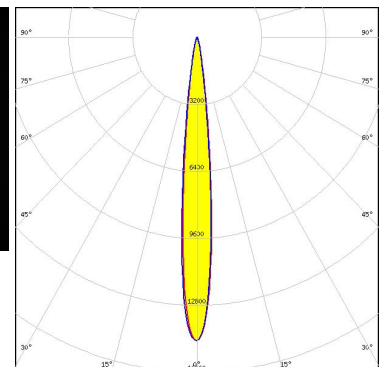
LED XD16  
 FWHM / FWTM 8.0° / 18.0°  
 Efficiency 92 %  
 Peak intensity 18.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

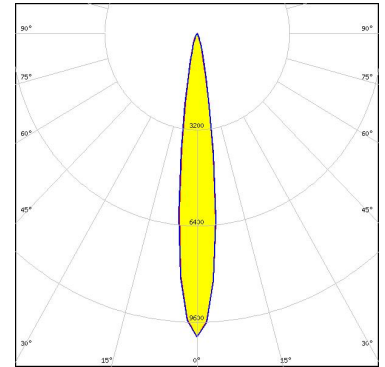


Light distribution files

### OPTICAL RESULTS (MEASURED):



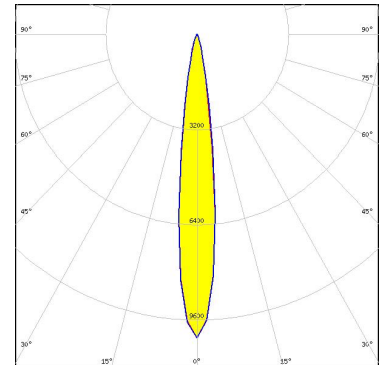
LED XM-L  
 FWHM / FWTM 14.0° / 27.0°  
 Efficiency 90 %  
 Peak intensity 10.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



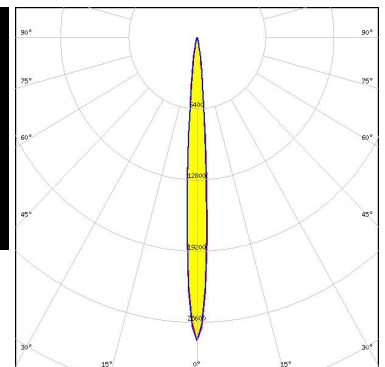
LED XM-L2  
 FWHM / FWTM 14.0° / 27.0°  
 Efficiency 90 %  
 Peak intensity 10.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

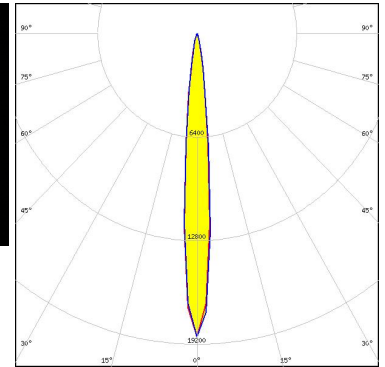
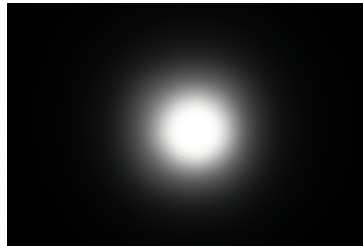


Light distribution files

### OPTICAL RESULTS (MEASURED):



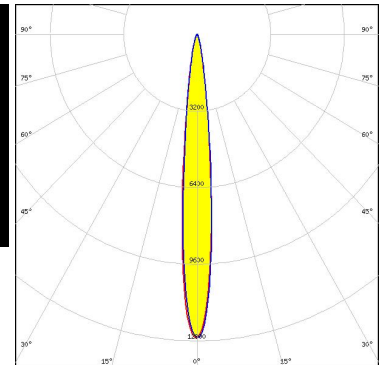
LED XP-G2  
 FWHM / FWTM 10.0° / 20.0°  
 Efficiency 90 %  
 Peak intensity 20.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



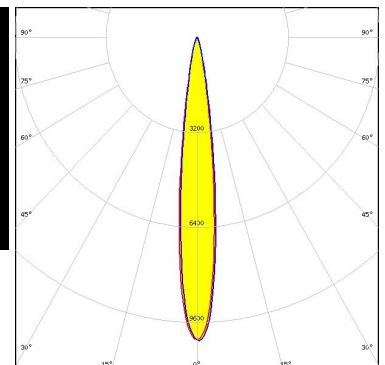
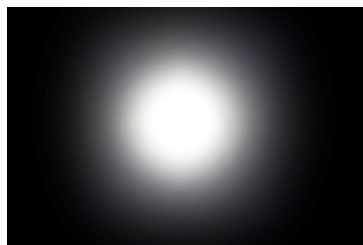
LED XP-G3  
 FWHM / FWTM 11.0° / 24.0°  
 Efficiency 94 %  
 Peak intensity 13 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

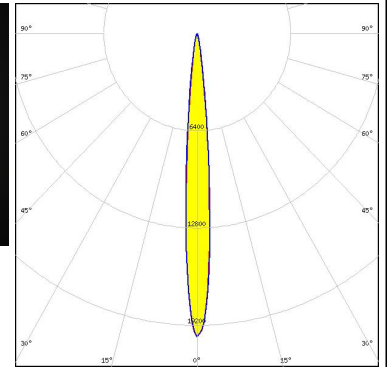


Light distribution files

## OPTICAL RESULTS (MEASURED):



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



Light distribution files



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

Light distribution files



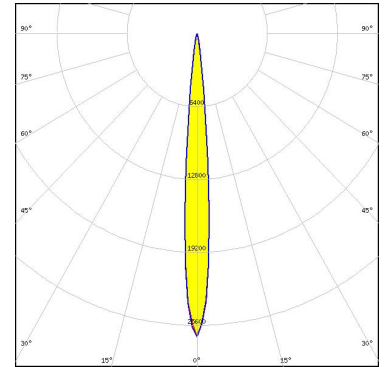
LED LUXEON A  
 FWHM / FWTM 11.0°  
 Efficiency 91 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

Light distribution files

### OPTICAL RESULTS (MEASURED):



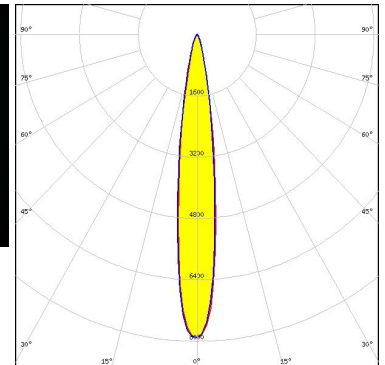
LED LUXEON Rebel ES  
 FWHM / FWTM 10.0°  
 Efficiency 91 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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



Light distribution files



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

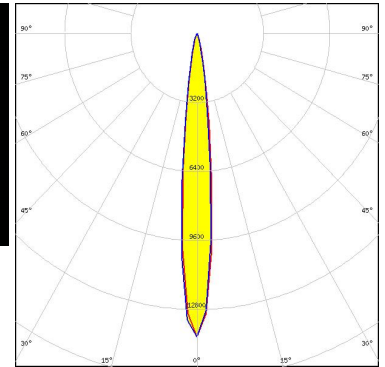


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

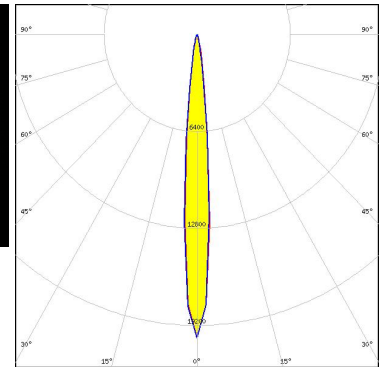
LED LH351B  
 FWHM / FWTM 12.0° / 25.0°  
 Efficiency 88 %  
 Peak intensity 14 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

#### SAMSUNG

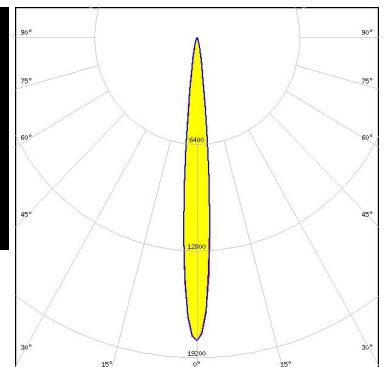
LED LH351Z  
 FWHM / FWTM 10.0° / 21.0°  
 Efficiency 88 %  
 Peak intensity 20 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files




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



Light distribution files



### OPTICAL RESULTS (MEASURED):

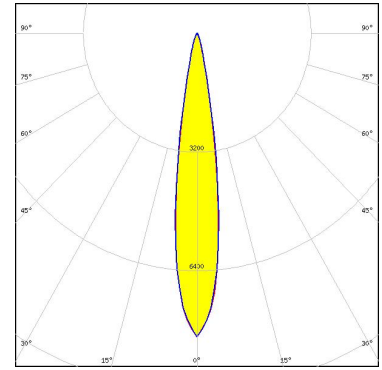
 SEOL SEMICONDUCTOR		
LED	Z8Y22P	
FWHM / FWTM	11.0° / 24.0°	
Efficiency	93 %	
Peak intensity	11.3 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

Light distribution files

### OPTICAL RESULTS (SIMULATED):



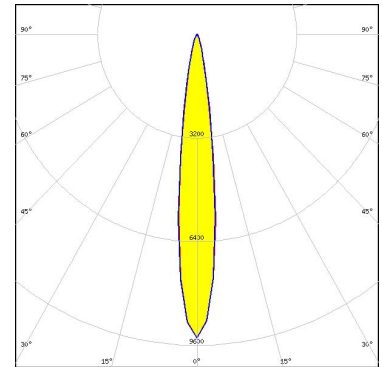
LED XHP35.2 HD  
 FWHM / FWTM 16.0° / 30.0°  
 Efficiency 93 %  
 Peak intensity 8.2 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



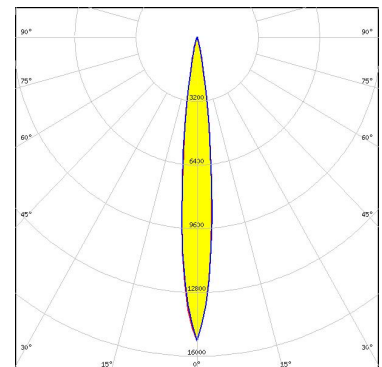
LED XM-L HWW  
 FWHM / FWTM 14.0° / 27.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

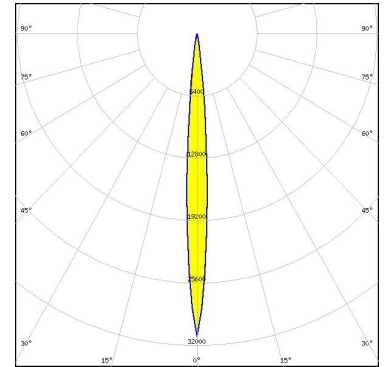


Light distribution files

### OPTICAL RESULTS (SIMULATED):



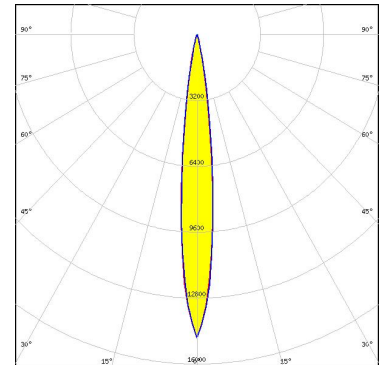
LED LUXEON C  
FWHM / FWTM 8.0° / 16.0°  
Efficiency 91 %  
Peak intensity 31.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



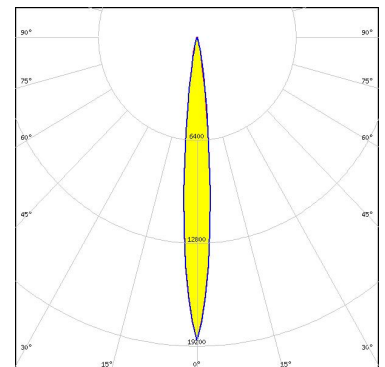
LED LUXEON HL2X  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 96 %  
Peak intensity 14.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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

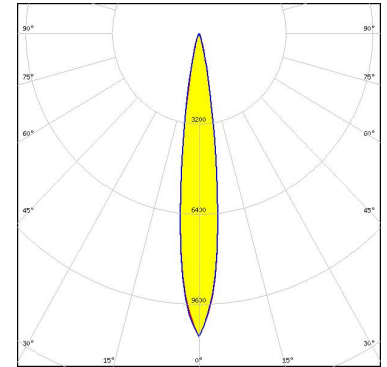


Light distribution files

### OPTICAL RESULTS (SIMULATED):



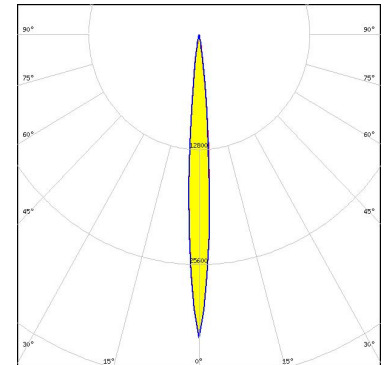
LED LUXEON MZ  
 FWHM / FWTM 14.0° / 28.0°  
 Efficiency 95 %  
 Peak intensity 10.7 cd/m  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



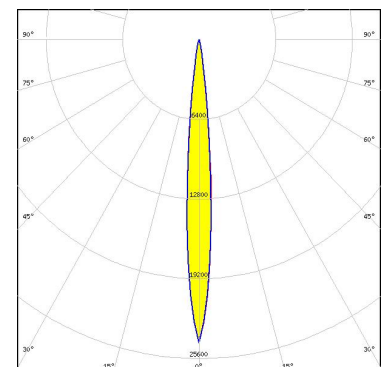
LED LUXEON SunPlus 20 Line (120 deg)  
 FWHM / FWTM 8.0° / 16.0°  
 Efficiency 95 %  
 Peak intensity 33.8 cd/m  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



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

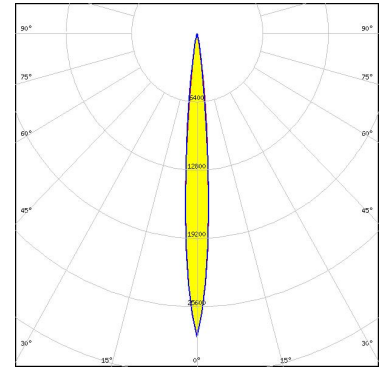


Light distribution files

### OPTICAL RESULTS (SIMULATED):



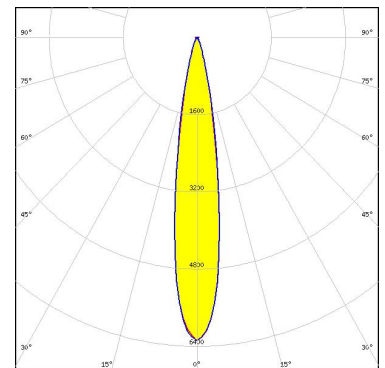
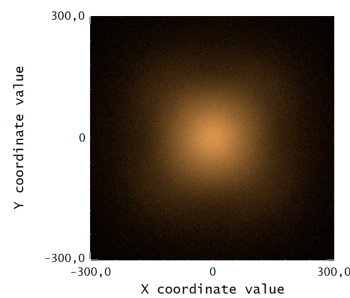
**LED** LUXEON Z ES  
**FWHM / FWTM** 9.0° / 18.0°  
**Efficiency** 96 %  
**Peak intensity** 28.4 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



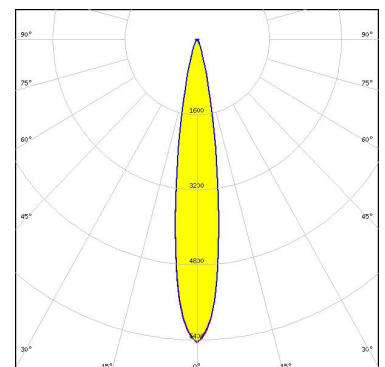
**LED** NCSxE17A  
**FWHM / FWTM** 16.0° / 34.0°  
**Efficiency** 89 %  
**Peak intensity** 6.3 cd/lm  
**LEDs/each optic** 4  
**Light colour/type** White  
**Required components:**



Light distribution files



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



Light distribution files

### OPTICAL RESULTS (SIMULATED):

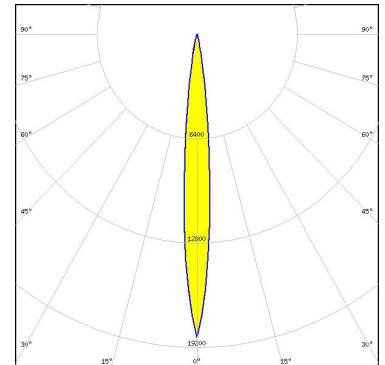


LED NF2x757G  
FWHM / FWTM 12.0° / 22.0°  
Efficiency 95 %  
Peak intensity 17.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



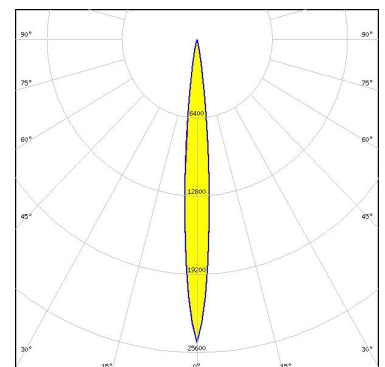
LED NVSxE21A  
FWHM / FWTM 10.0° / 22.0°  
Efficiency 94 %  
Peak intensity 18.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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

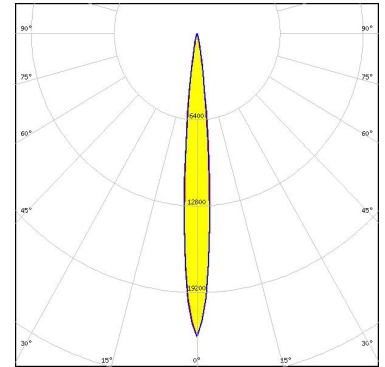


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

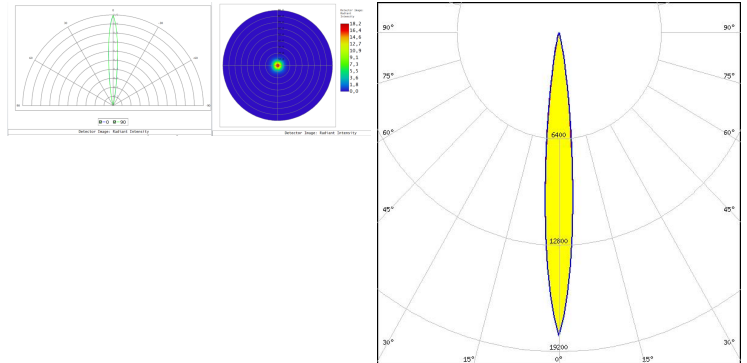
LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 9.9° / 20.0°  
 Efficiency 94 %  
 Peak intensity 22.5 cd/m  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

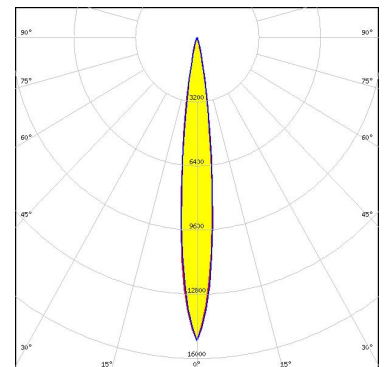
LED SFH 4725AS  
 FWHM / FWTM 11.0° / 22.0°  
 Efficiency 95 %  
 LEDs/each optic 1  
 Light colour/type IR  
 Required components:



Light distribution files

**SEOL**  
SEOUL SEMICONDUCTOR

LED Z5M4  
 FWHM / FWTM 12.0° / 24.0°  
 Efficiency 96 %  
 Peak intensity 15.1 cd/m  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

### 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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