

## EMILY-M

~20° medium beam. 14.85 mm high lens.

## SPECIFICATION:

Dimensions	Ø 26.0
Height	14.9 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

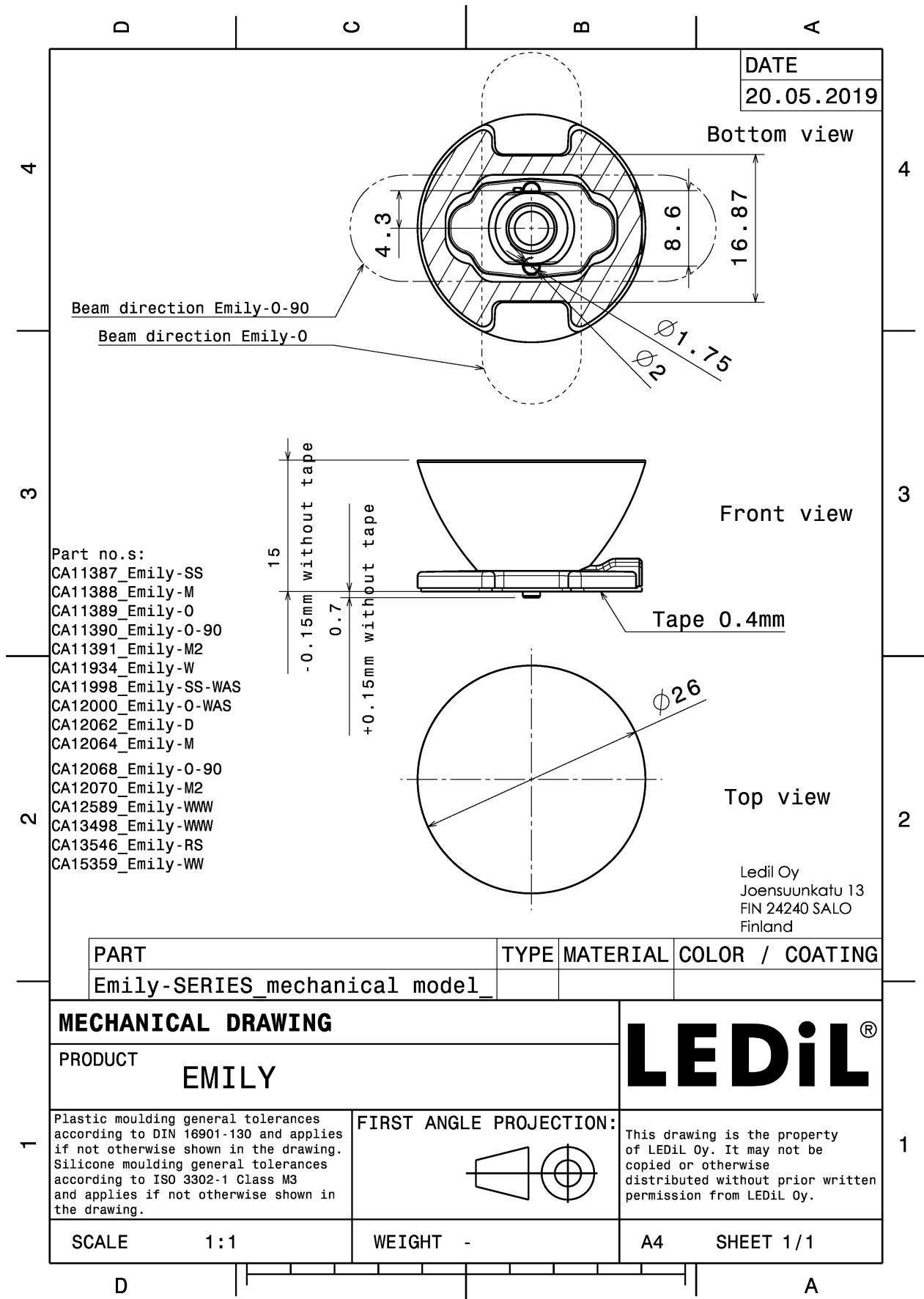


## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
EMILY-M	Single lens	PMMA	clear		
SPUTNIK-TAPE	Tape	Acryl tape	black		

## ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12064_EMILY-M	Single lens	1690	260	130	10.7
» 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):

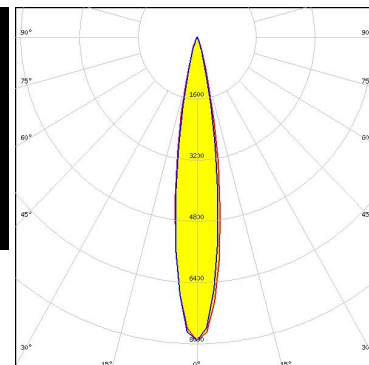


LED XM-L  
FWHM / FWTM 18.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



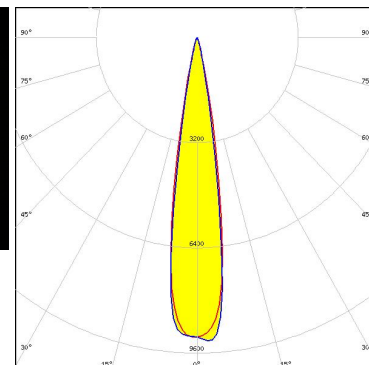
LED XM-L2  
FWHM / FWTM 18.0° / 33.0°  
Efficiency 90 %  
Peak intensity 7.9 cd/m  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-E2  
FWHM / FWTM 17.0° / 27.0°  
Efficiency 87 %  
Peak intensity 9.2 cd/m  
LEDs/each optic 1  
Light colour/type White  
Required components:

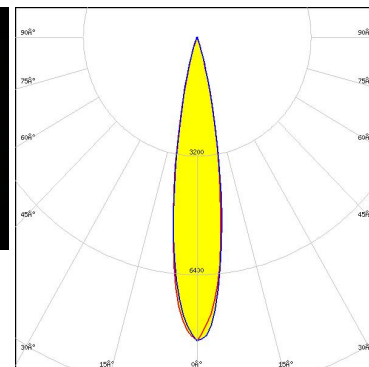
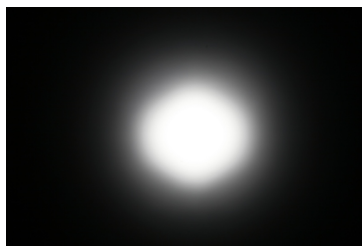


Light distribution files

#### OPTICAL RESULTS (MEASURED):



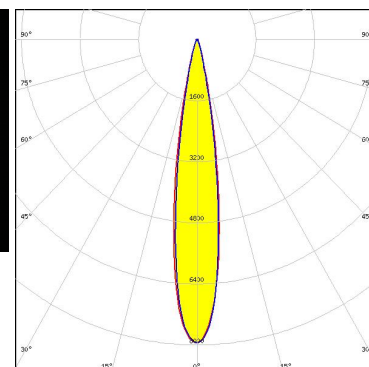
LED XP-G2  
 FWHM / FWTM 18.0° / 29.0°  
 Efficiency 90 %  
 Peak intensity 10.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



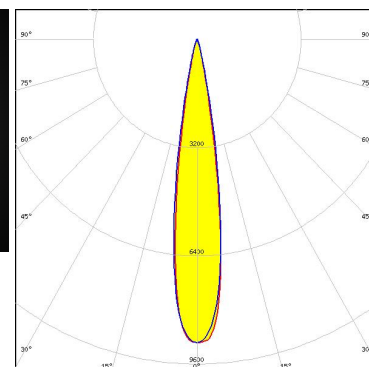
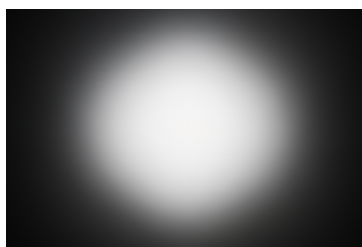
LED XP-G3  
 FWHM / FWTM 17.0° / 30.0°  
 Efficiency 94 %  
 Peak intensity 8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-L HI  
 FWHM / FWTM 17.0° / 27.0°  
 Efficiency 88 %  
 Peak intensity 9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



## OPTICAL RESULTS (MEASURED):



LED	XT-E
FWHM / FWTM	17.0°
Efficiency	%
Peak intensity	6.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



LED	LUXEON A
FWHM / FWTM	18.0°
Efficiency	90 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files



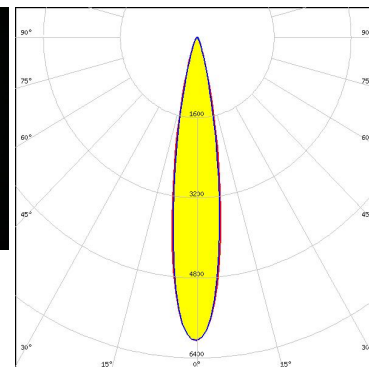
LED	LUXEON Rebel ES
FWHM / FWTM	18.0°
Efficiency	90 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

### OPTICAL RESULTS (MEASURED):



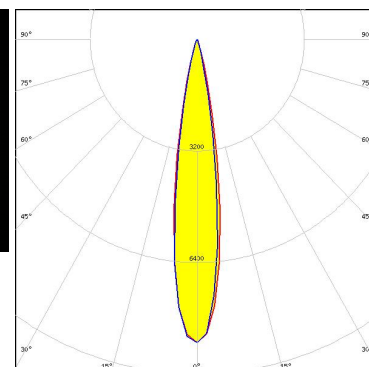
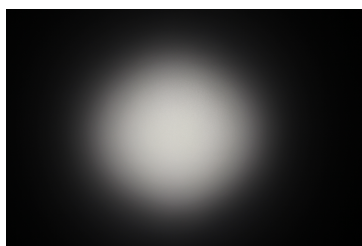
LED NS9x383  
FWHM / FWTM 18.0° / 35.0°  
Efficiency 90 %  
Peak intensity 6.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



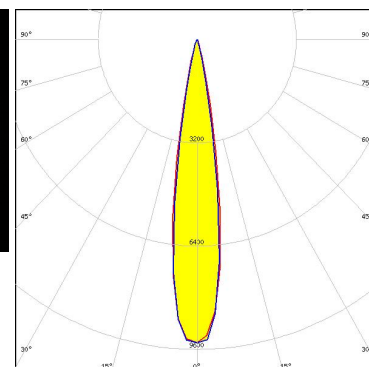
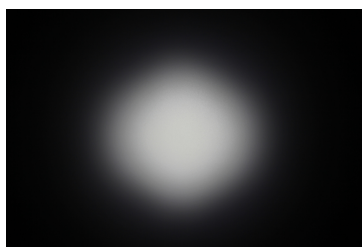
LED LH351B  
FWHM / FWTM 17.0° / 30.0°  
Efficiency 88 %  
Peak intensity 8.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LH351Z  
FWHM / FWTM 18.0° / 29.0°  
Efficiency 89 %  
Peak intensity 9.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

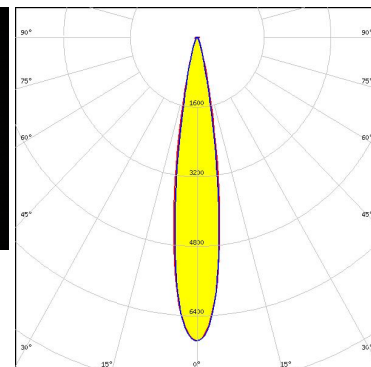
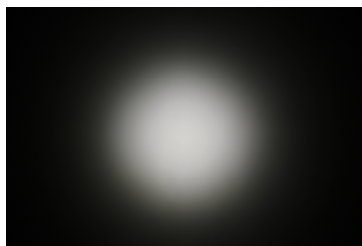


Light distribution files

## OPTICAL RESULTS (MEASURED):



LED Z8Y22P  
FWHM / FWTM 17.0° / 32.0°  
Efficiency 94 %  
Peak intensity 7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### OPTICAL RESULTS (SIMULATED):

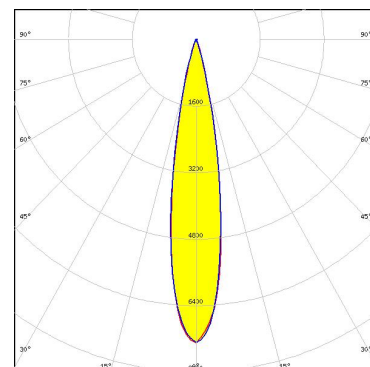


LED XM-L HVW  
FWHM / FWTM 19.0°  
Efficiency %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



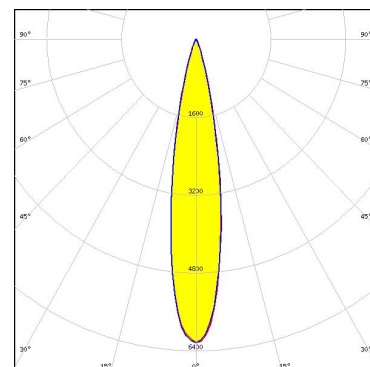
LED XP-G2 HE  
FWHM / FWTM 18.0° / 33.0°  
Efficiency 94 %  
Peak intensity 7.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-L2  
FWHM / FWTM 20.0° / 36.0°  
Efficiency 94 %  
Peak intensity 6.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

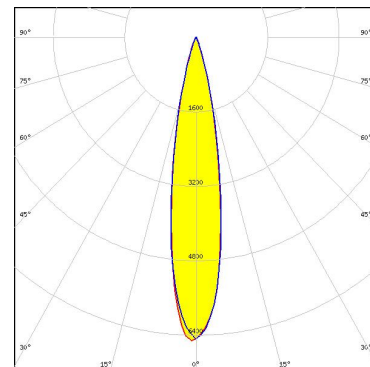


Light distribution files

### OPTICAL RESULTS (SIMULATED):



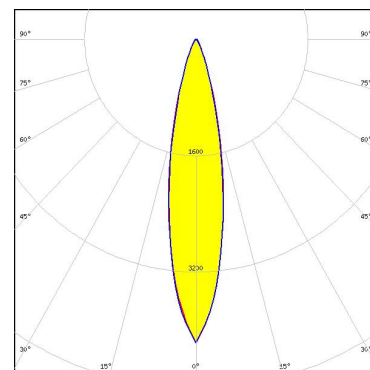
LED LUXEON MZ  
FWHM / FWTM 19.0° / 36.0°  
Efficiency 96 %  
Peak intensity 6.5 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



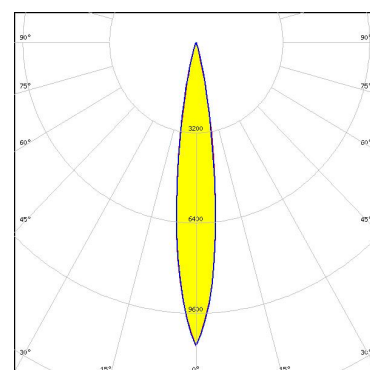
LED NVSxE21A  
FWHM / FWTM 22.0° / 44.0°  
Efficiency 94 %  
Peak intensity 4.2 cd/Im  
LEDs/each optic 4  
Light colour/type White  
Required components:



Light distribution files



LED OSLOM Black  
FWHM / FWTM 15.0° / 27.0°  
Efficiency 94 %  
Peak intensity 10.9 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:

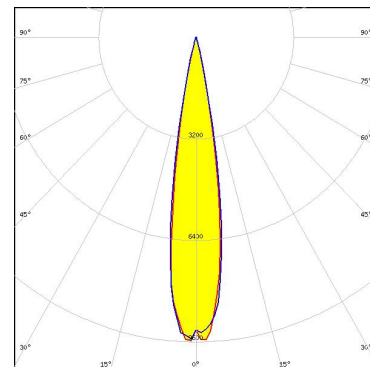


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

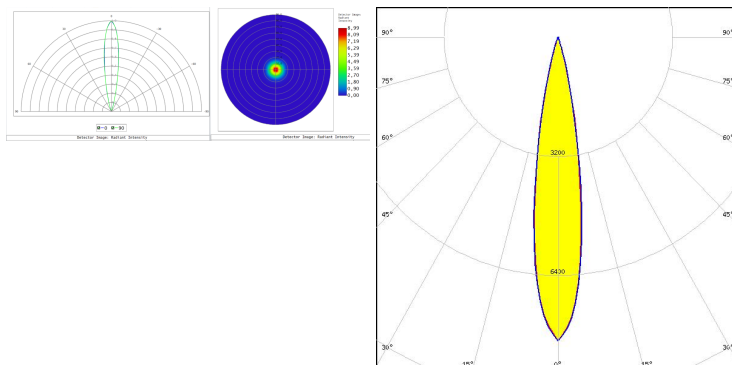
LED OSLON Black Flat (LUW HWQP)  
FWHM / FWTM 17.0° / 28.0°  
Efficiency 94 %  
Peak intensity 10 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED SFH 4725AS  
FWHM / FWTM 18.0° / 32.0°  
Efficiency 94 %  
LEDs/each optic 1  
Light colour/type IR  
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.

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