

## EMILY-O

~45° x 10° oval beam. 14.97 mm high lens.

### SPECIFICATION:

Dimensions	Ø 26.0
Height	15 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

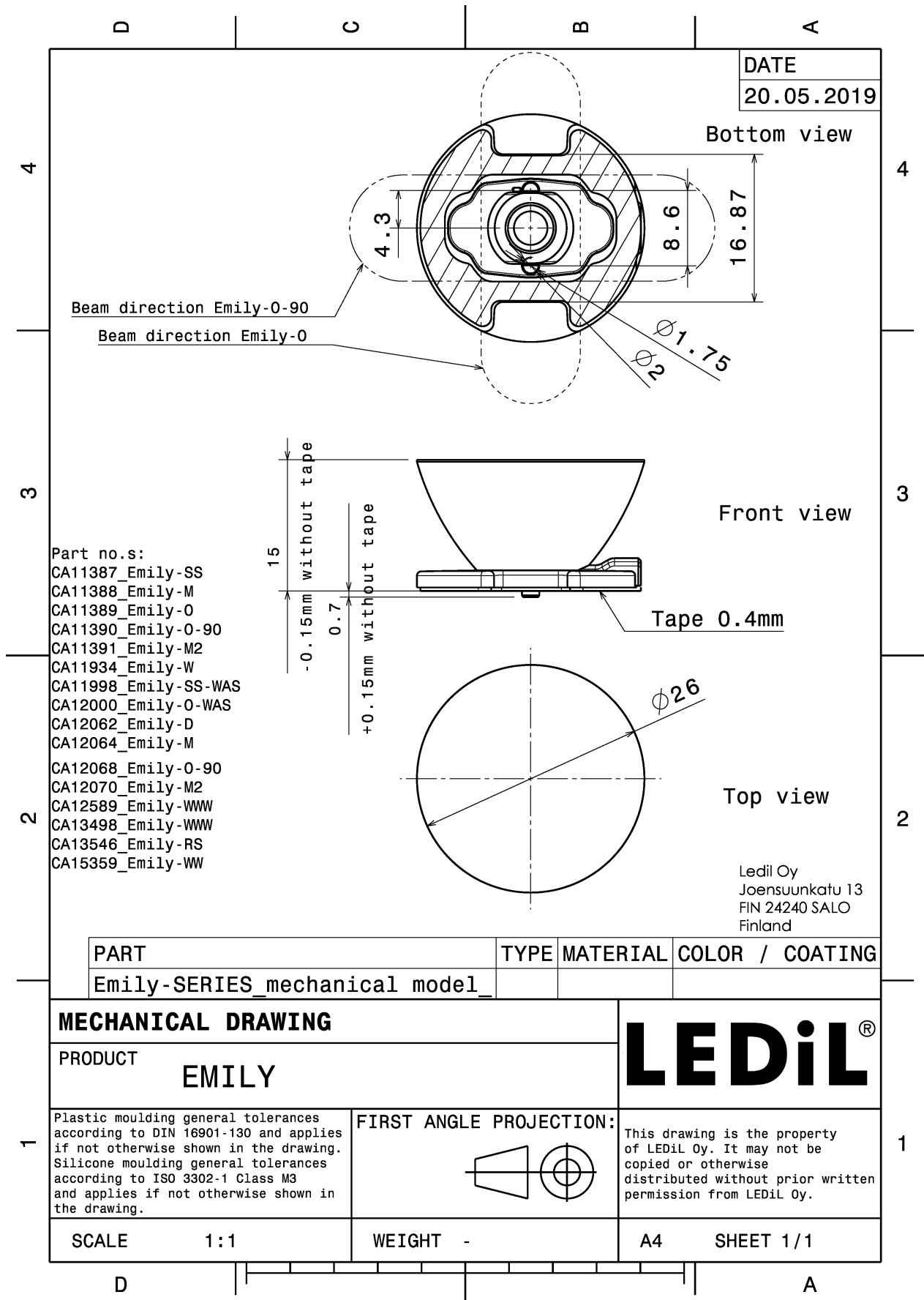


### MATERIALS:

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

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11389_EMILY-O	Single lens	1690	260	130	10.3
» Box size: 480 x 280 x 300 mm					

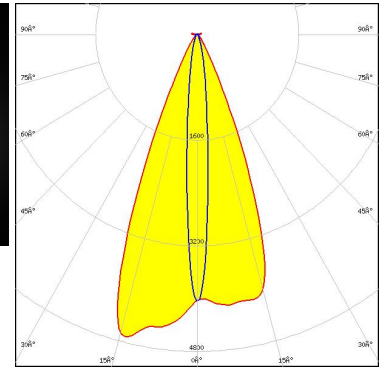


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



**LED** XD16  
**FWHM / FWTM** 43.0 + 9.0° / 60.0 + 27.0°  
**Efficiency** 92 %  
**Peak intensity** 4.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files

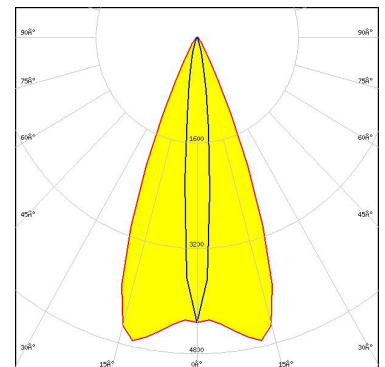


**LED** XP-E  
**FWHM / FWTM** 44.0 + 9.0°  
**Efficiency** 92 %  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**

Light distribution files



**LED** XP-G  
**FWHM / FWTM** 44.0 + 10.0° / 58.0 + 24.0°  
**Efficiency** 92 %  
**Peak intensity** 5.7 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files

### OPTICAL RESULTS (MEASURED):



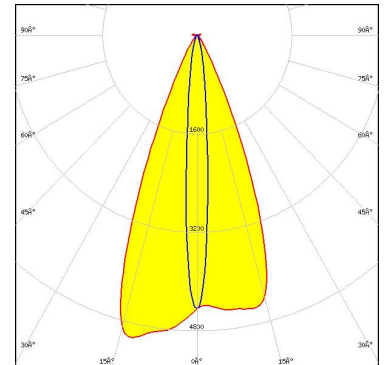
LED NVSxx19A  
FWHM / FWTM 45.0 + 13.0° / 62.0 + 28.0°  
Efficiency 87 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)



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LED OSLON Square EC  
FWHM / FWTM 43.0 + 9.0° / 60.0 + 25.0°  
Efficiency 93 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



[Light distribution files](#)




Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 44.0 + 10.0°  
Efficiency 85 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)

## OPTICAL RESULTS (MEASURED):

  
SEUL SEMICONDUCTOR

LED	Z5
FWHM / FWTM	44.0 + 10.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White

Required components:

Light distribution files

**SHARP**

LED	Double Dome (GM2BB)
FWHM / FWTM	44.0 + 10.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White

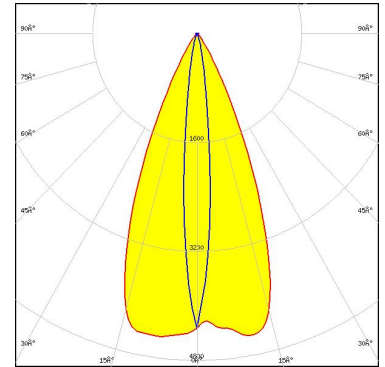
Required components:

Light distribution files

### OPTICAL RESULTS (SIMULATED):



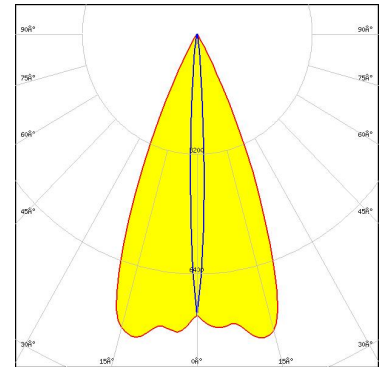
**LED** XP-G3  
**FWHM / FWTM** 46.0 + 10.0° / 64.0 + 24.0°  
**Efficiency** 91 %  
**Peak intensity** 4.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files



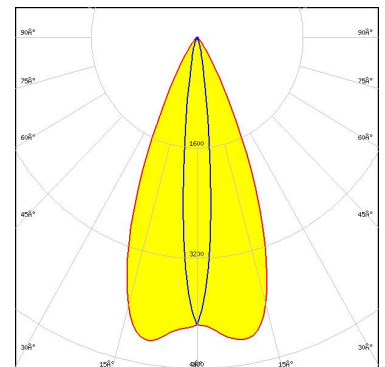
**LED** XQ-E HI  
**FWHM / FWTM** 45.0 + 7.0° / 58.0 + 15.0°  
**Efficiency** 94 %  
**Peak intensity** 8.3 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files

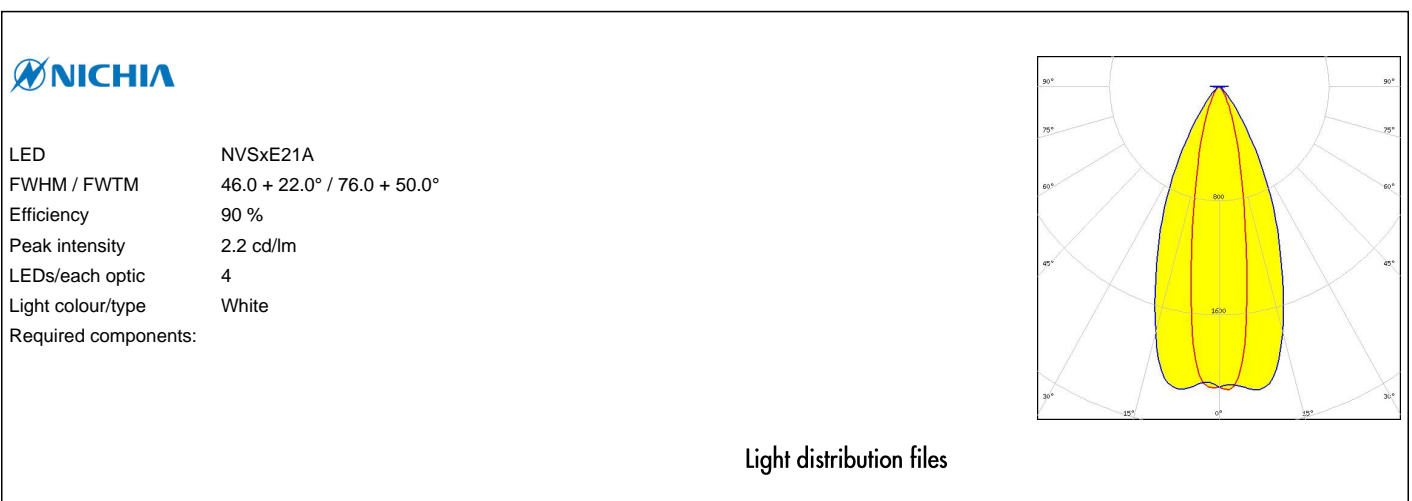
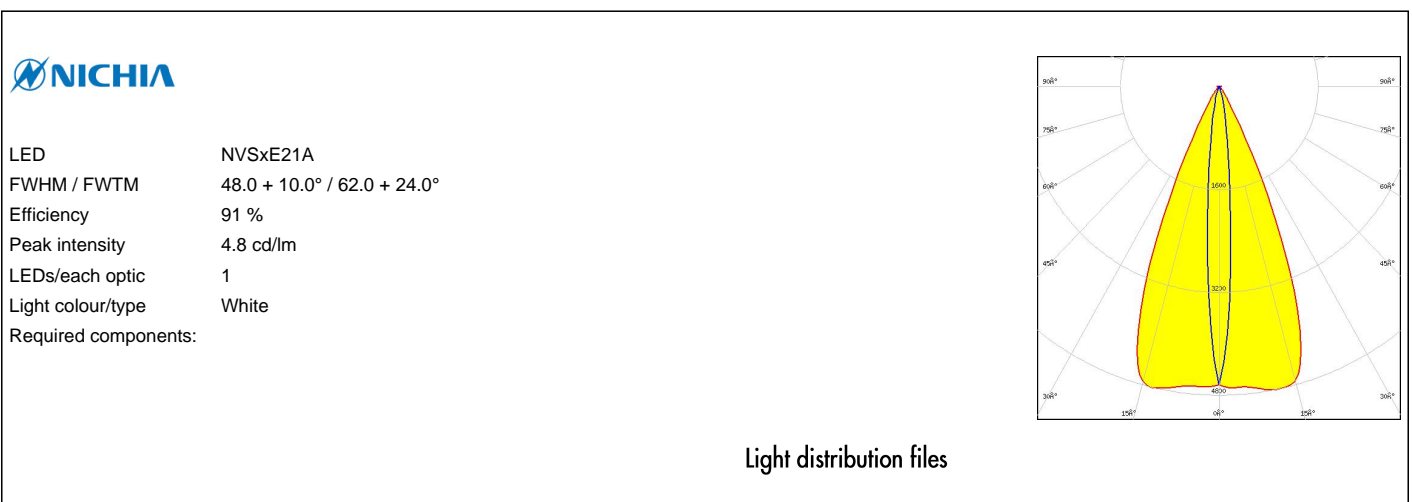
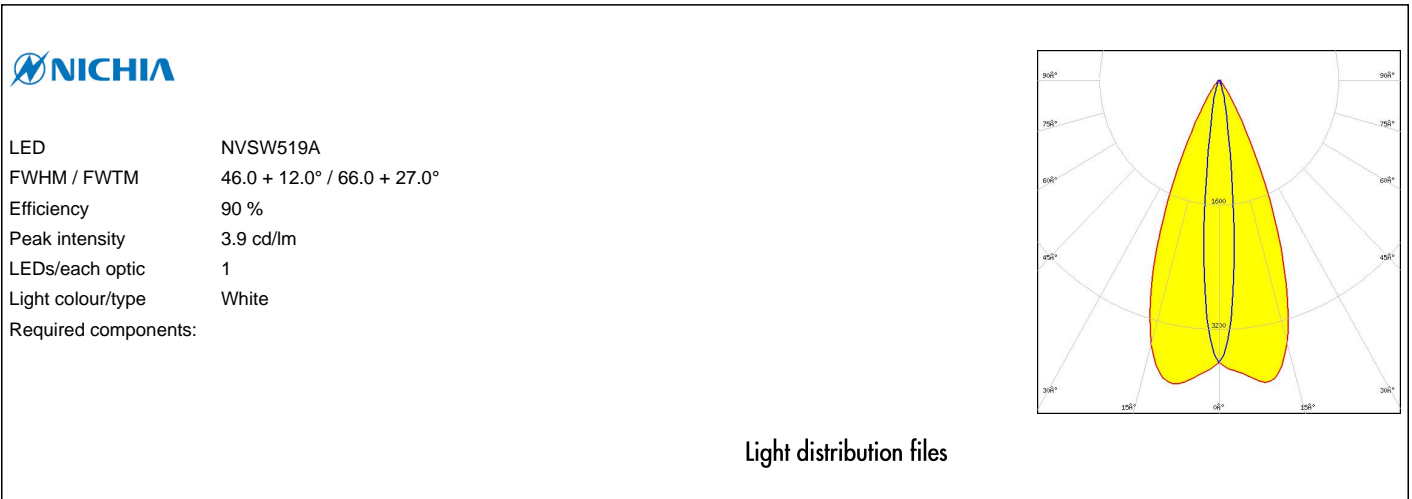


**LED** NVSW319B  
**FWHM / FWTM** 46.0 + 12.0° / 66.0 + 24.0°  
**Efficiency** 92 %  
**Peak intensity** 4.5 cd/lm  
**LEDs/each optic** 1  
**Light colour/type** White  
**Required components:**



Light distribution files

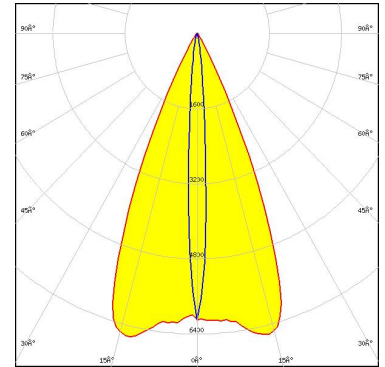
### OPTICAL RESULTS (SIMULATED):



#### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

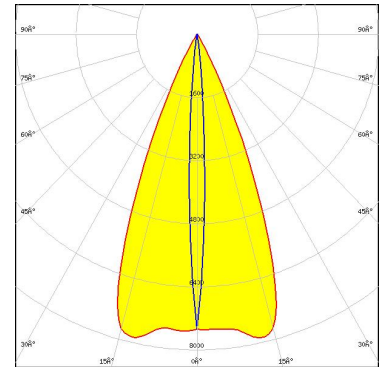
LED OSCONIQ P 3030  
 FWHM / FWTM 46.0 + 6.6° / 60.0 + 18.0°  
 Efficiency 93 %  
 Peak intensity 6.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

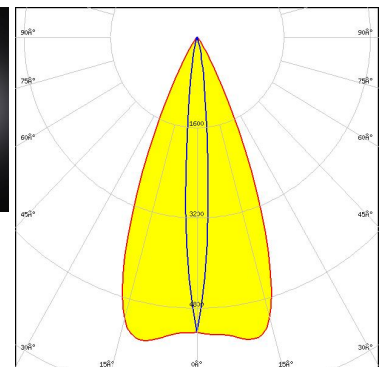
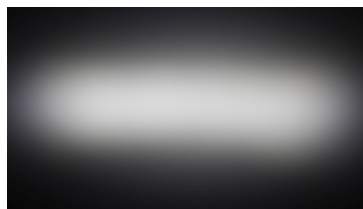
LED OSLON Pure 1414  
 FWHM / FWTM 44.0 + 6.0° / 58.0 + 14.0°  
 Efficiency 96 %  
 Peak intensity 7.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON Square CSSRM2/CSSRM3  
 FWHM / FWTM 45.0 + 9.0° / 62.0 + 21.0°  
 Efficiency 94 %  
 Peak intensity 5.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



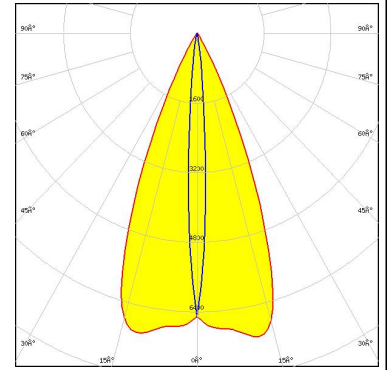
Light distribution files



### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	44.0 + 8.0° / 60.0 + 16.0°
Efficiency	94 %
Peak intensity	7.1 cd/lm
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.

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