

## EMILY-O

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

### TECHNICAL SPECIFICATIONS:

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

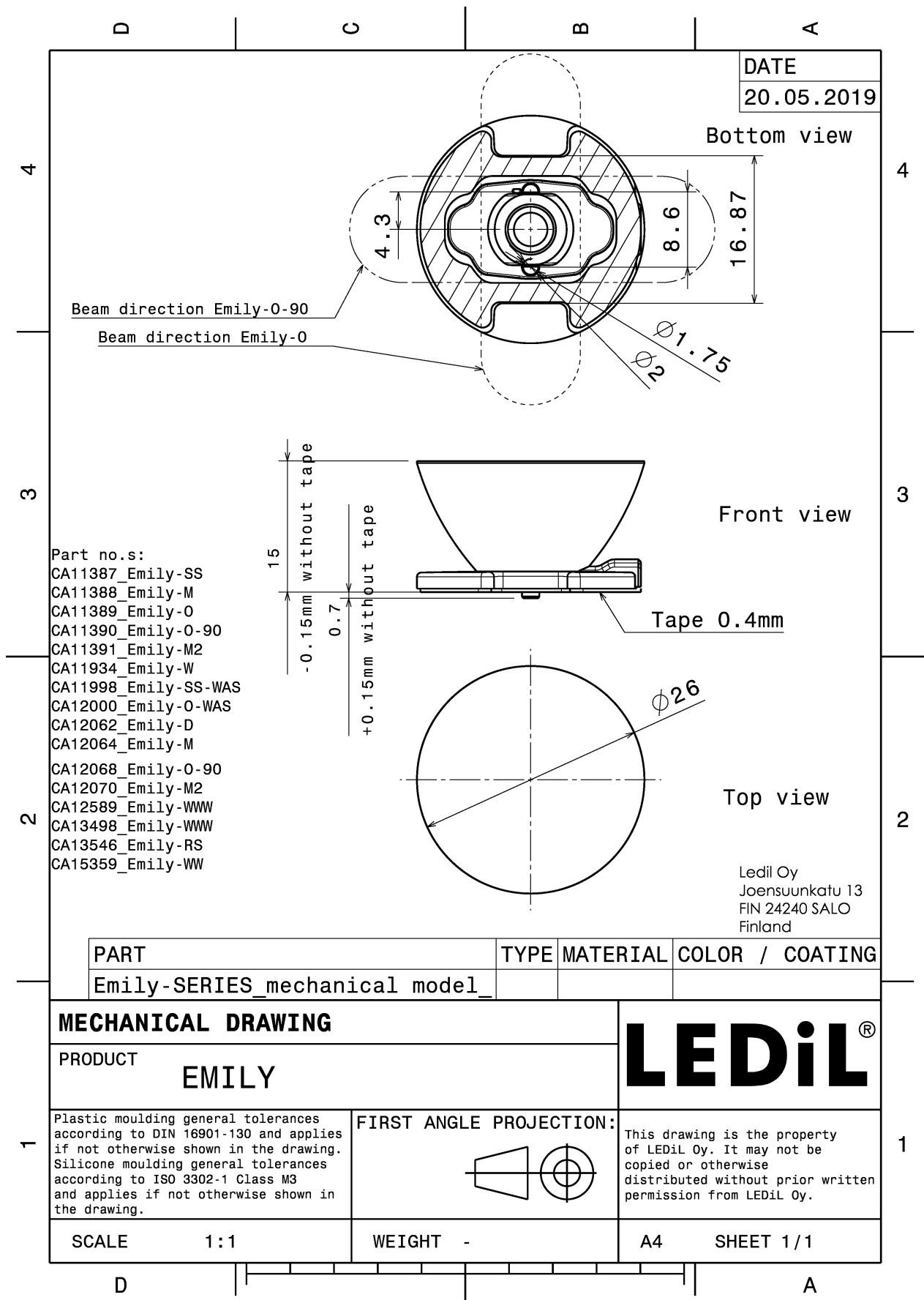
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
EMILY-O	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	PU 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					

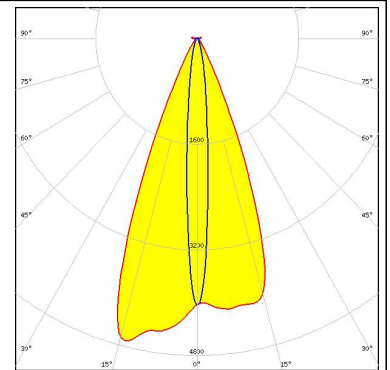




#### PHOTOMETRIC DATA (MEASURED):

#### CREE

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

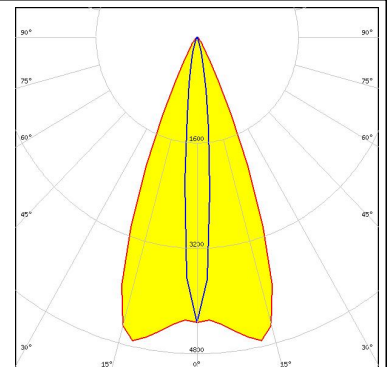


#### CREE

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

#### CREE

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



#### LUMILEDS

LED LUXEON Rebel  
FWHM 44.0 + 10.0°  
Efficiency 89 %  
LEDs/each optic 1  
Light colour White  
Required components:

### PHOTOMETRIC DATA (MEASURED):



LED NCSxx19A  
FWHM 44.0 + 10.0°  
Efficiency 87 %  
LEDs/each optic 1  
Light colour White  
Required components:

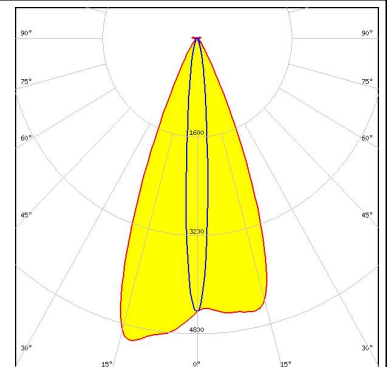


LED NVSxx19A  
FWHM 45.0 + 13.0°  
Efficiency 87 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



Opto Semiconductors

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



Opto Semiconductors

LED OSOLON SSL 150  
FWHM 44.0 + 12.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

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

  
SEOUL SEMICONDUCTOR

LED Z5  
FWHM 44.0 + 10.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

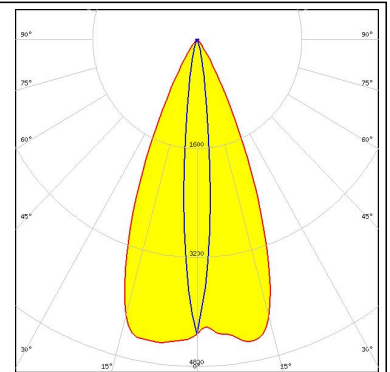
**SHARP**

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

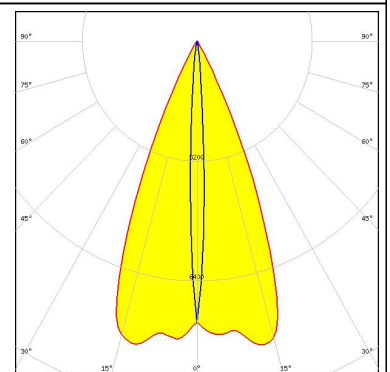
#### PHOTOMETRIC DATA (SIMULATED):



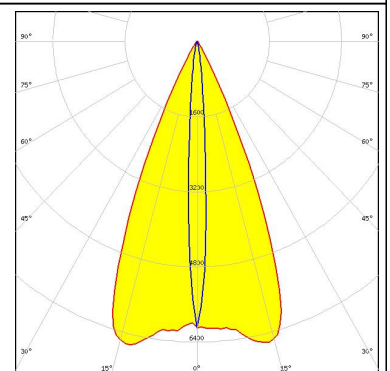
LED XP-G3  
 FWHM 46.0 + 10.0°  
 Efficiency 91 %  
 Peak intensity 4.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



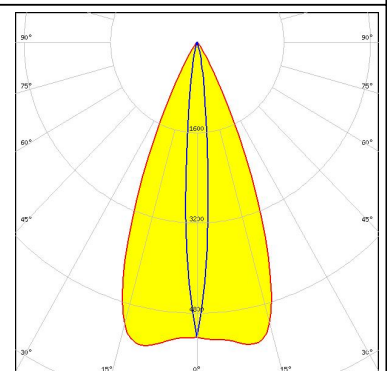
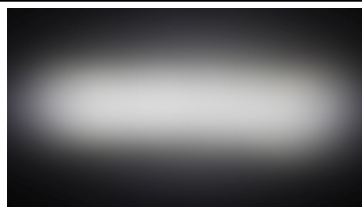
LED XQ-E HI  
 FWHM 45.0 + 7.0°  
 Efficiency 94 %  
 Peak intensity 8.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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



LED OSLOM Square CSSRM2/CSSRM3  
 FWHM 45.0 + 9.0°  
 Efficiency 94 %  
 Peak intensity 5.5 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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