

## EMILY-WWW

~60° wide beam. 13.43 mm high lens. Modified version to fit CREE XM-L LEDs.

### SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	13.4 mm
Fastening	tape
ROHS compliant	yes ⓘ

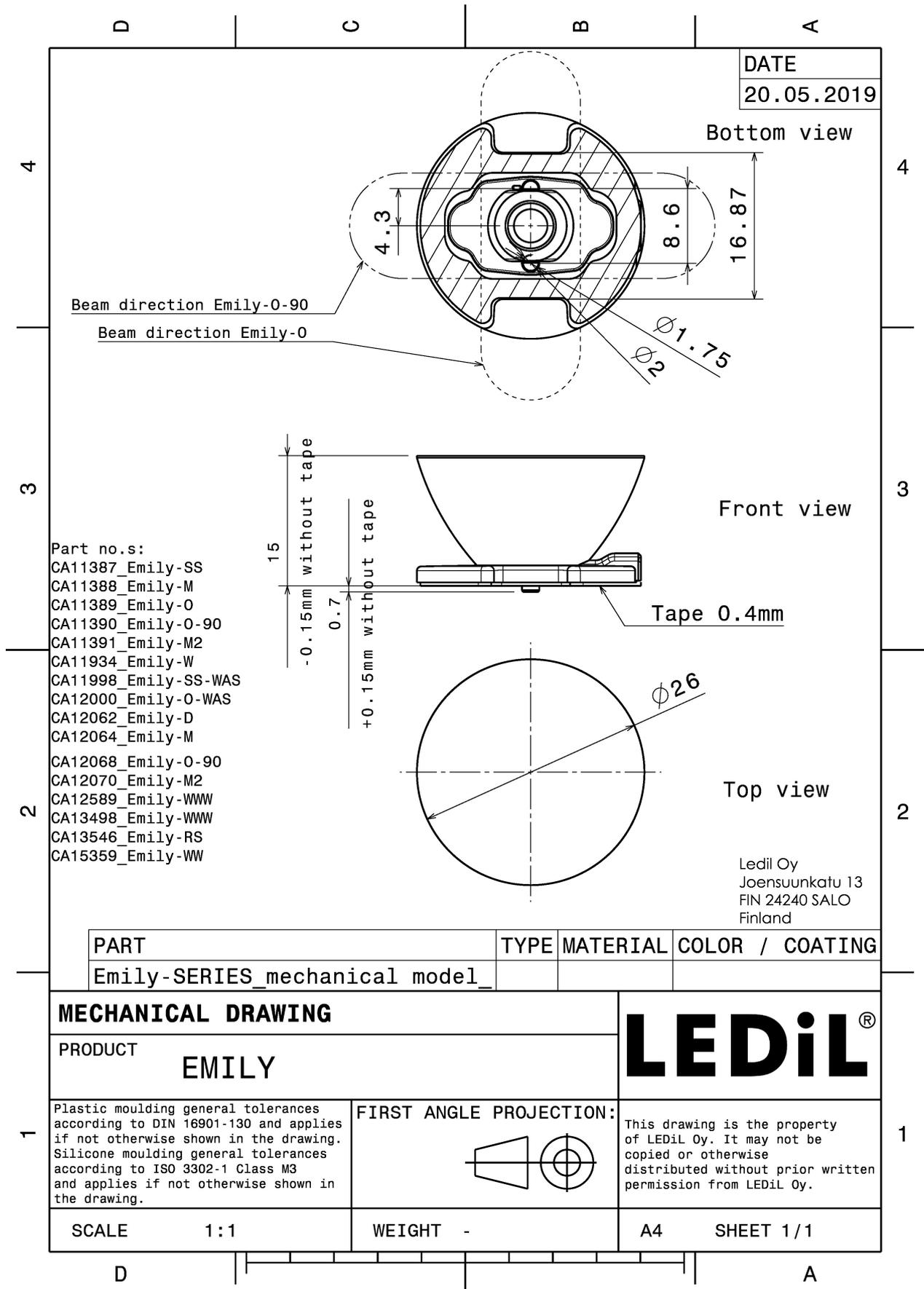


### MATERIALS:

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

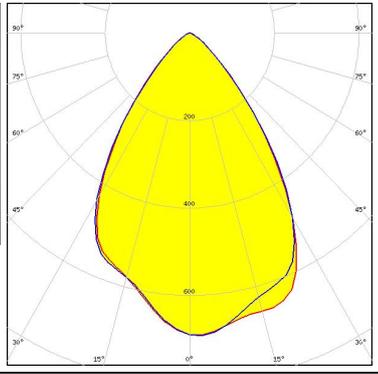
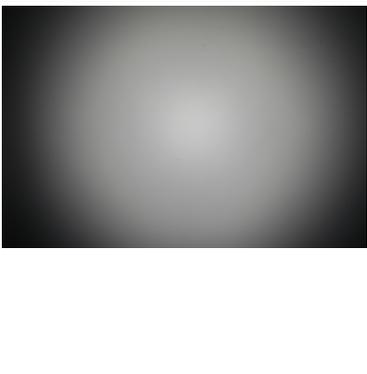
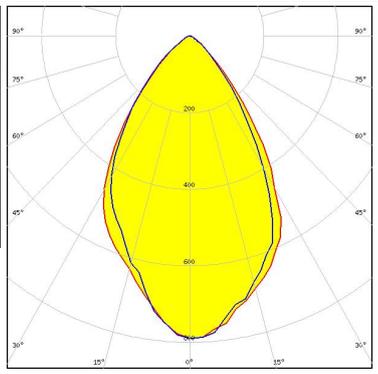
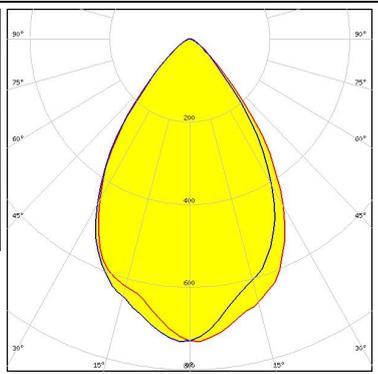
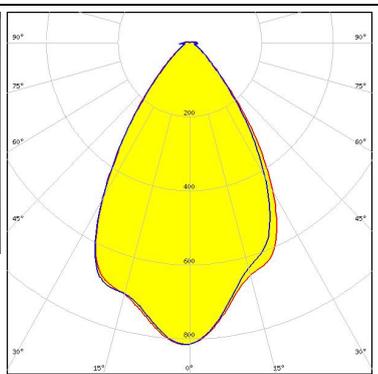
### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA13498_EMILY-WWW	Single lens	1690	260	130	8.9
» Box size: 480 x 280 x 300 mm					

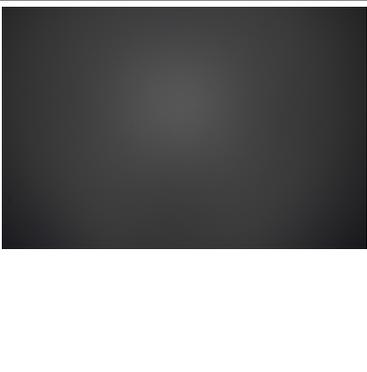
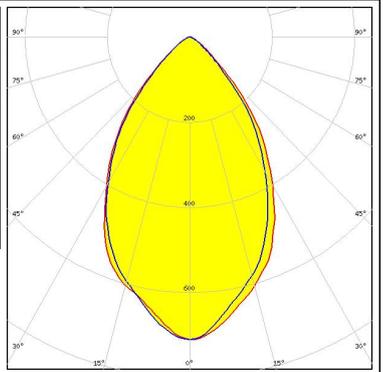
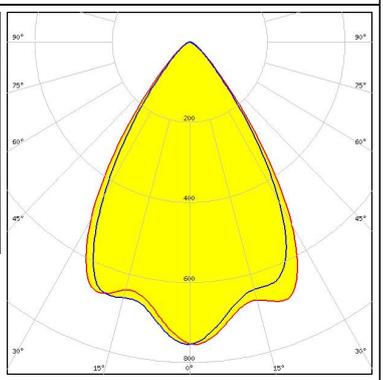
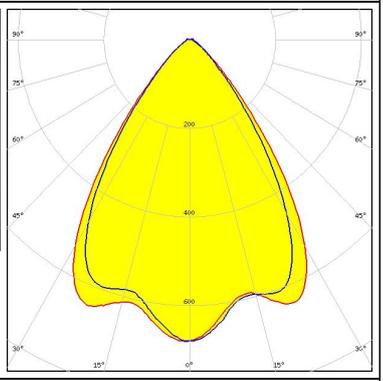
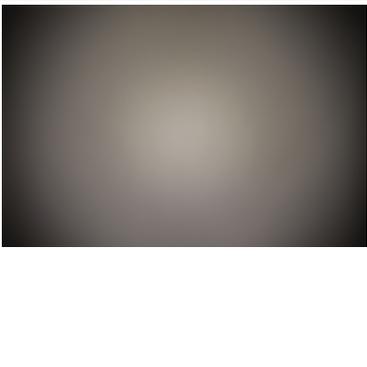
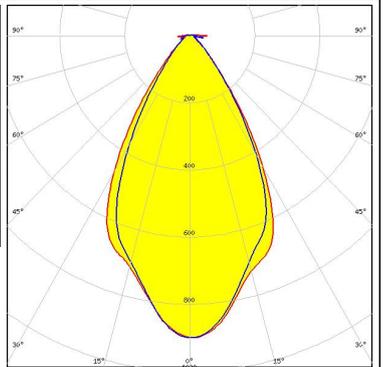


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

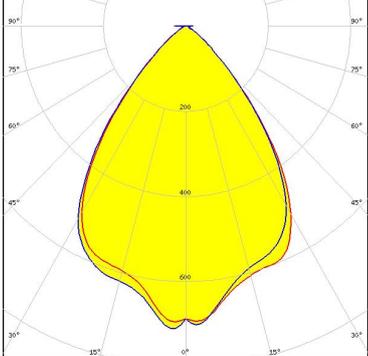
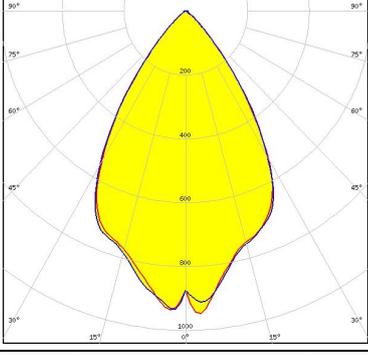
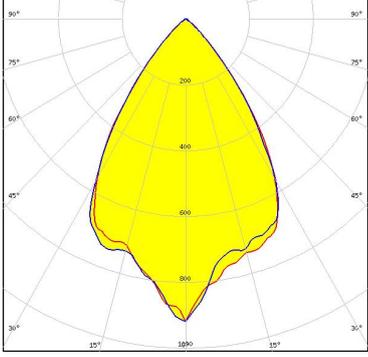
### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED XHP35 HD            FWHM / FWTM 70.0° / 101.0°            Efficiency 84 %            Peak intensity 0.7 cd/m            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED XM-L            FWHM / FWTM 70.0° / 98.0°            Efficiency 90 %            Peak intensity 0.7 cd/m            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED XM-L2            FWHM / FWTM 70.0° / 102.0°            Efficiency 88 %            Peak intensity 0.7 cd/m            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED XP-G3            FWHM / FWTM 64.0° / 96.0°            Efficiency 93 %            Peak intensity 0.8 cd/m            LEDs/each optic 1            Light colour White            Required components:</p>		

### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LED</p> <p>LED: XP-L HD            FWHM / FWTM: 66.0° / 103.0°            Efficiency: 83 %            Peak intensity: 0.7 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>CREE</b> LED</p> <p>LED: XP-L HI            FWHM / FWTM: 67.0° / 93.0°            Efficiency: 88 %            Peak intensity: 0.8 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>NICHIA</b></p> <p>LED: NVSW219F            FWHM / FWTM: 71.0° / 100.0°            Efficiency: 91 %            Peak intensity: 0.7 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		
<p><b>SEOL</b> SEMICONDUCTOR</p> <p>LED: Z8Y22P            FWHM / FWTM: 58.0° / 90.0°            Efficiency: 88 %            Peak intensity: 0.9 cd/m            LEDs/each optic: 1            Light colour: White            Required components:</p>		

### OPTICAL RESULTS (SIMULATED):

<p><b>CREE</b> LED</p> <p>LED: XP-L2            FWHM / FWTM: 74.0° / 102.0°            Efficiency: 94 %            Peak intensity: 0.7 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>LUMILEDS</b></p> <p>LED: LUXEON MZ            FWHM / FWTM: 64.0° / 91.0°            Efficiency: 96 %            Peak intensity: 1 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED: NV4WB35AM            FWHM / FWTM: 66.0° / 92.0°            Efficiency: 96 %            Peak intensity: 0.9 cd/lm            LEDs/each optic: 1            Light colour: White            Required components:</p>	

## 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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