

EMILY-WW

~45° wide beam. 14.74 mm high lens.

SPECIFICATION:

Dimensions	Ø 26.0 mm
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

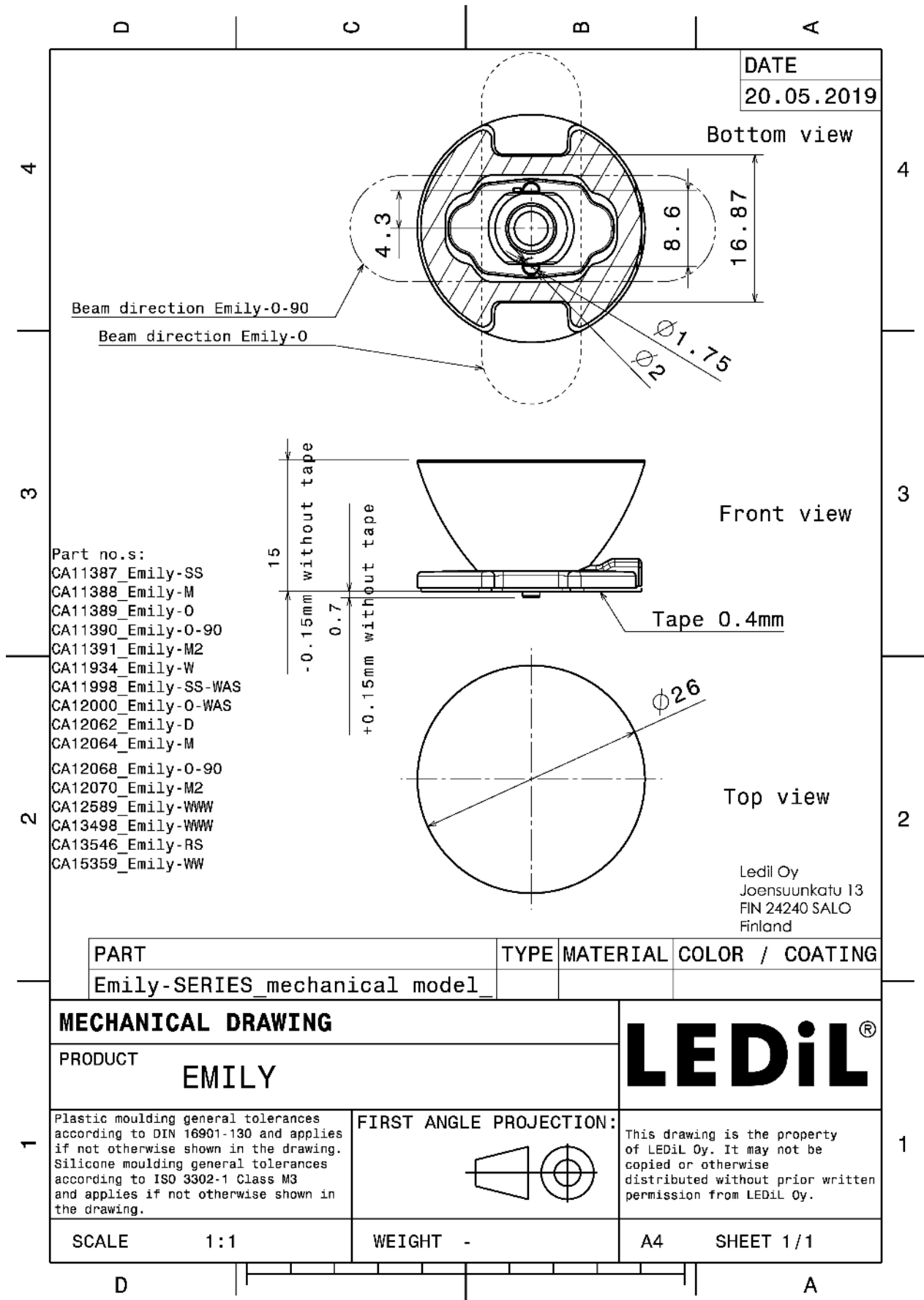
MATERIALS:

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

ORDERING INFORMATION:


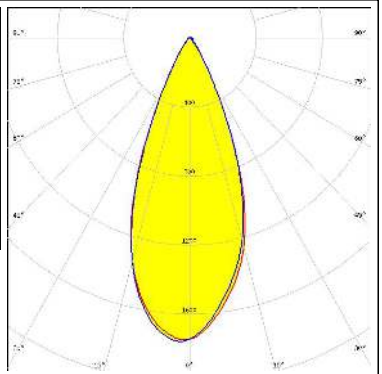

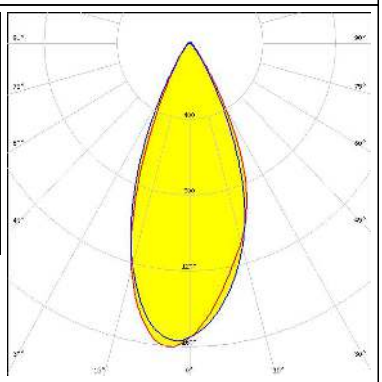

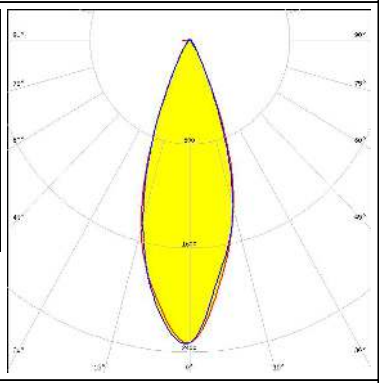

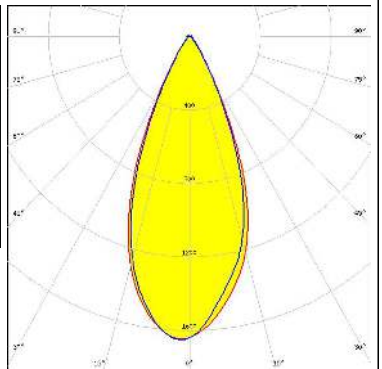
Component	Type	Qty in box	MOQ	MPQ	Box weight (kg)
CA15359_EMILY-WW	Single lens	1690	260	130	11.3
» Box size: 480 x 280 x 300 mm					





See also our general installation guide: www.ledil.com/installation_guide

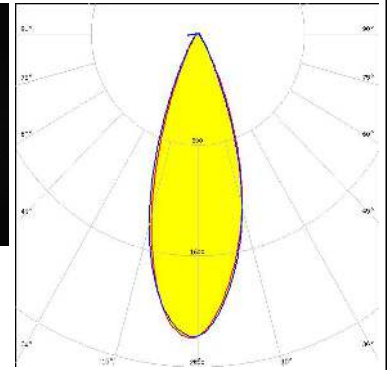
OPTICAL RESULTS (MEASURED):

<p>CREE LED</p> <p>LED: XP-L HI FWHM / FWTM: 42.0° / 65.0° Efficiency: 93 % Peak intensity: 1.8 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>NICHIA</p> <p>LED: NVSW219F FWHM / FWTM: 44.0° / 69.0° Efficiency: 92 % Peak intensity: 1.6 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSLOM Black Flat FWHM / FWTM: 35.0° / 57.0° Efficiency: 92 % Peak intensity: 2.3 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>		
<p>OSRAM <small>Opto Semiconductors</small></p> <p>LED: OSLOM Square CSSRM2/CSSRM3 FWHM / FWTM: 44.0° / 67.0° Efficiency: 93 % Peak intensity: 1.7 cd/m LEDs/each optic: 1 Light colour: White Required components:</p>		

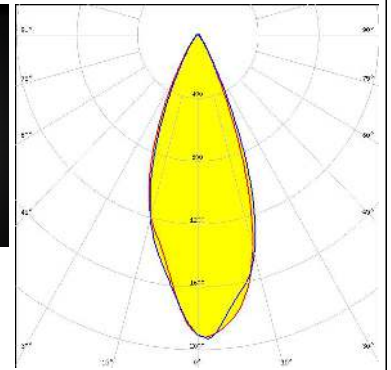
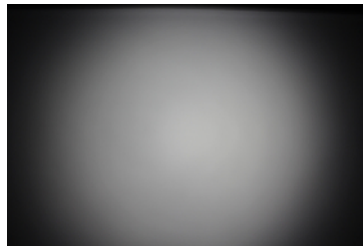
OPTICAL RESULTS (MEASURED):

SAMSUNG

LED LH181B
 FWHM / FWTM 35.0° / 59.0°
 Efficiency 93 %
 Peak intensity 2.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



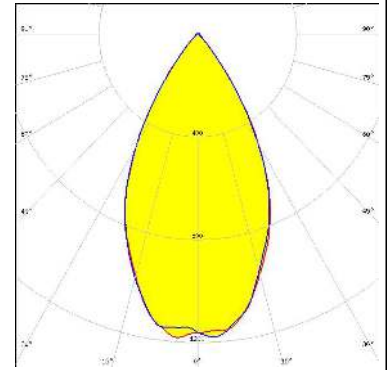
LED nPola
 FWHM / FWTM 50.0° / 85.0°
 Efficiency 92 %
 Peak intensity 1.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

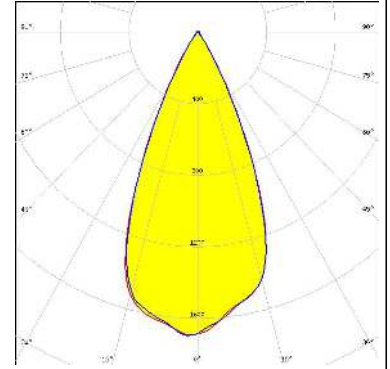
CREE LED

LED XHP35 HD
 FWHM / FWTM 55.0° / 80.0°
 Efficiency 96 %
 Peak intensity 1.2 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



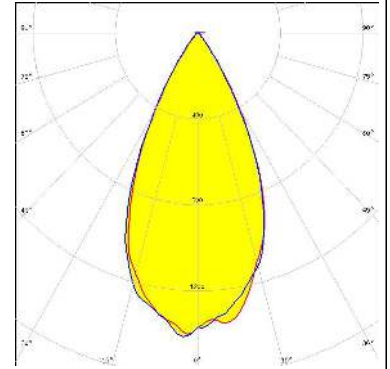
CREE LED

LED XP-E2
 FWHM / FWTM 46.0° / 64.0°
 Efficiency 97 %
 Peak intensity 1.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



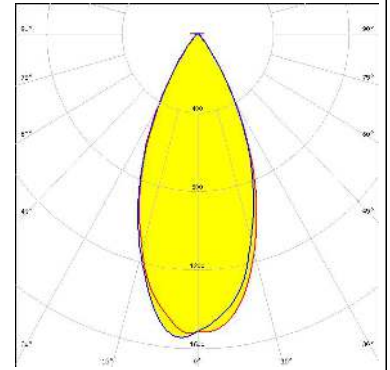
CREE LED

LED XP-G2 HE
 FWHM / FWTM 50.0° / 72.0°
 Efficiency 96 %
 Peak intensity 1.4 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:


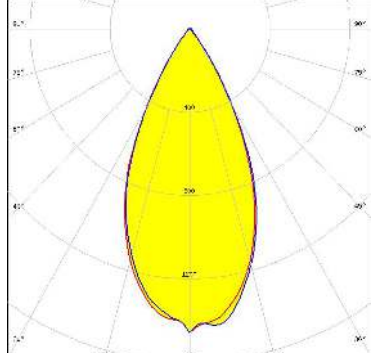

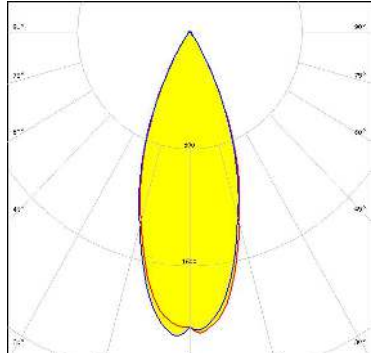

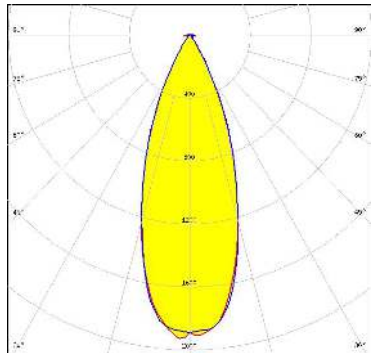

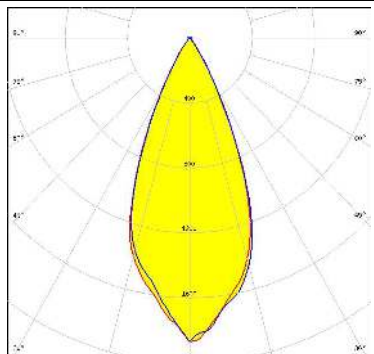


CREE LED

LED XP-L2
 FWHM / FWTM 46.0° / 73.0°
 Efficiency 94 %
 Peak intensity 1.6 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

	<p>LED LUXEON HL2X FWHM / FWTM 49.0° / 72.0° Efficiency 96 % Peak intensity 1.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED LUXEON MZ FWHM / FWTM 39.0° / 64.0° Efficiency 96 % Peak intensity 2.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	
	<p>LED NCSxE17A FWHM / FWTM 37.0° / 62.0° Efficiency 90 % Peak intensity 1.9 cd/lm LEDs/each optic 4 Light colour White Required components:</p>	
 <p>Opto Semiconductors</p>	<p>LED OSOLON SSL 150 FWHM / FWTM 44.0° / 64.0° Efficiency 97 % Peak intensity 1.9 cd/lm LEDs/each optic 1 Light colour White Required components:</p>	

OPTICAL RESULTS (SIMULATED):

<p>OSRAM Opto Semiconductors</p> <p>LED: OSLON SSL 80</p> <p>FWHM / FWTM: 44.0° / 62.0°</p> <p>Efficiency: 97 %</p> <p>Peak intensity: 1.8 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>Required components:</p>	
<p>OSRAM Opto Semiconductors</p> <p>LED: SFH 4716AS</p> <p>FWHM / FWTM: 35.0° / 58.0°</p> <p>Efficiency: 97 %</p> <p>LEDs/each optic: 1</p> <p>Light colour: IR</p> <p>Required components:</p>	
<p>SEMI SEOUL SEMICONDUCTOR</p> <p>LED: Z5M4</p> <p>FWHM / FWTM: 39.0° / 62.0°</p> <p>Efficiency: 97 %</p> <p>Peak intensity: 2.2 cd/lm</p> <p>LEDs/each optic: 1</p> <p>Light colour: White</p> <p>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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