

EMILY-M

~20° medium beam. 14.85 mm high lens.

SPECIFICATION:

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

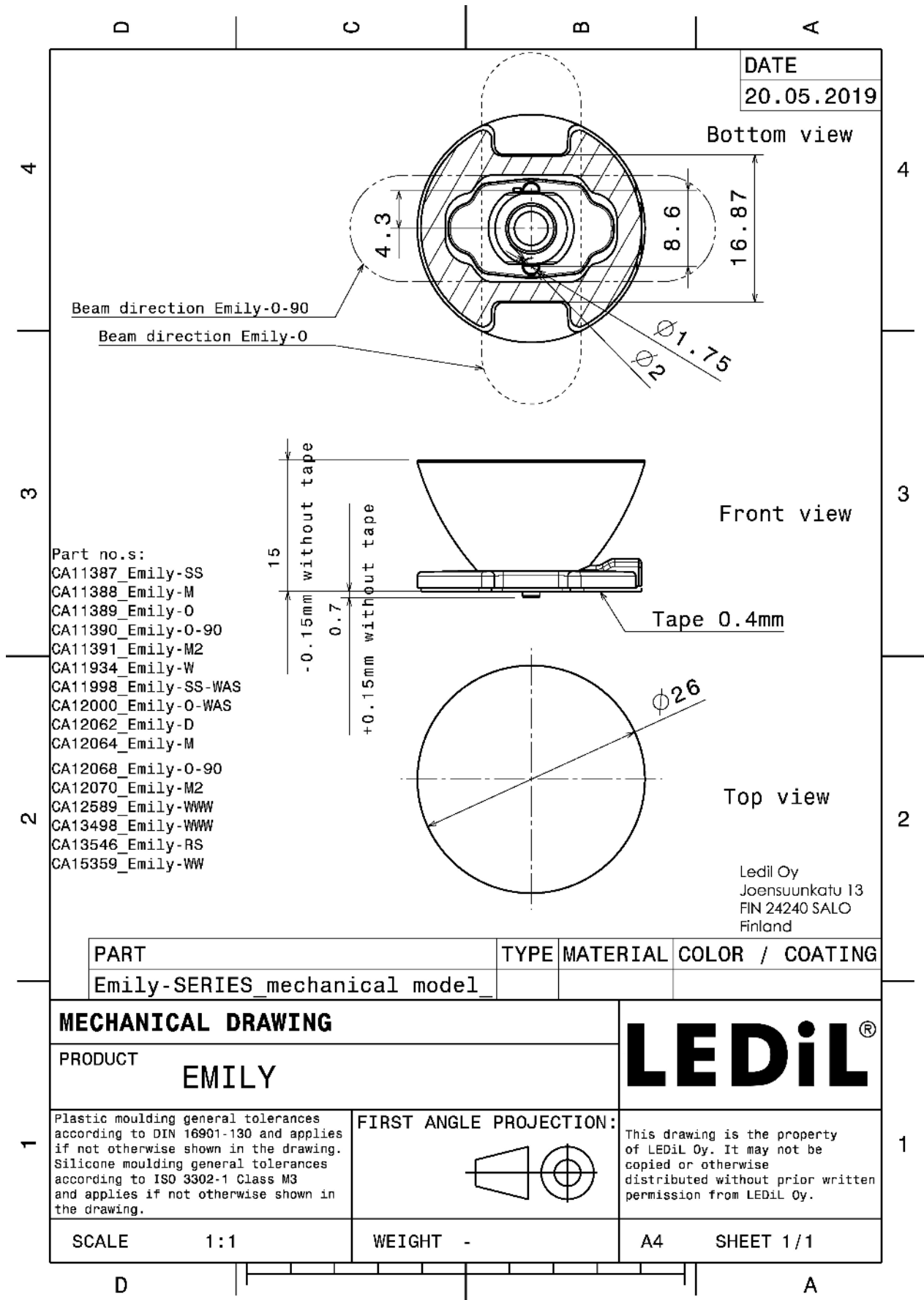
MATERIALS:

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

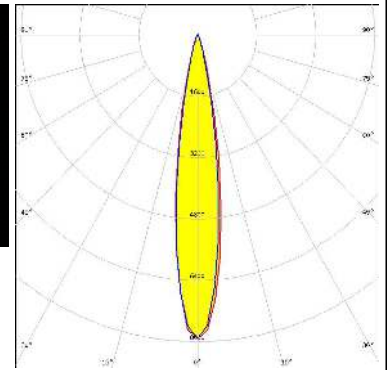
OPTICAL RESULTS (MEASURED):

CREE LED

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

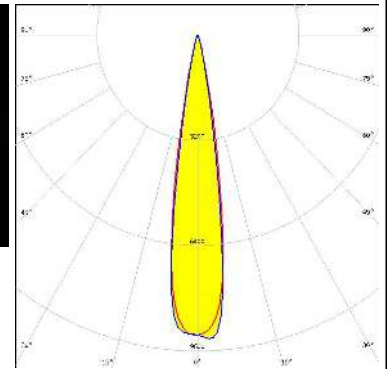
CREE LED

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



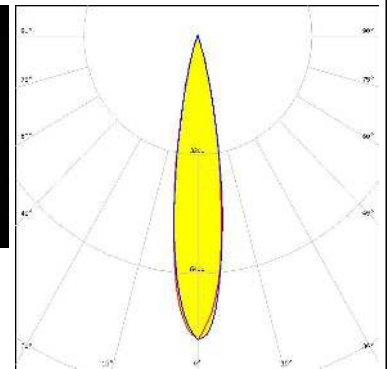
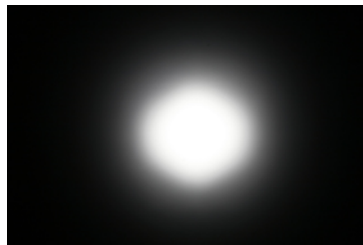
CREE LED

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



CREE LED

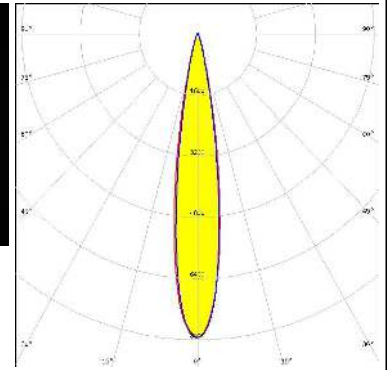
LED XP-G2
 FWHM / FWTM 18.0° / 29.0°
 Efficiency 90 %
 Peak intensity 10.1 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (MEASURED):

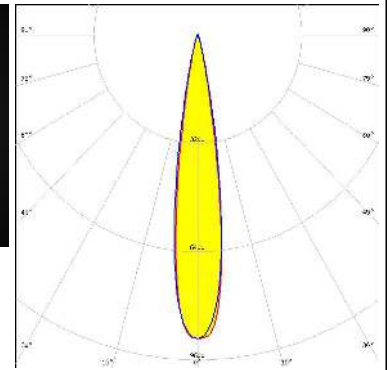
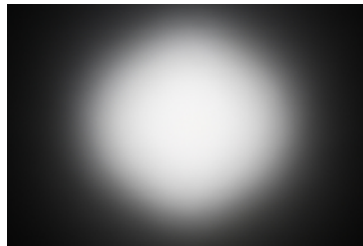
CREE → LED

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



CREE → LED

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







CREE → LED

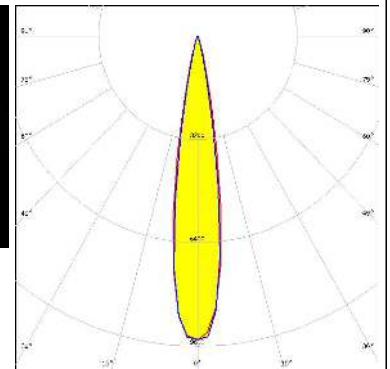
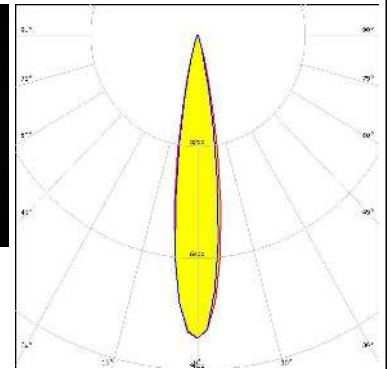
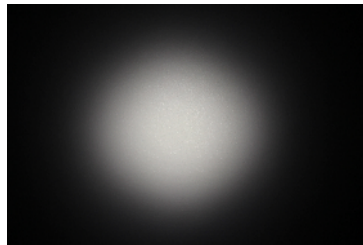
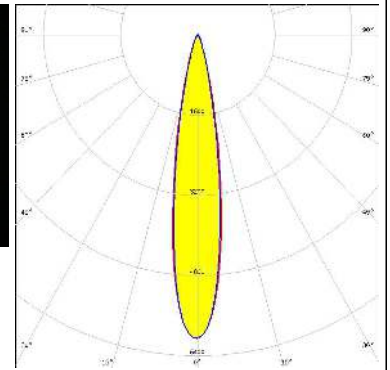
LED XT-E
 FWHM / FWTM 17.0°
 Efficiency %
 Peak intensity 6.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

LUMILEDS

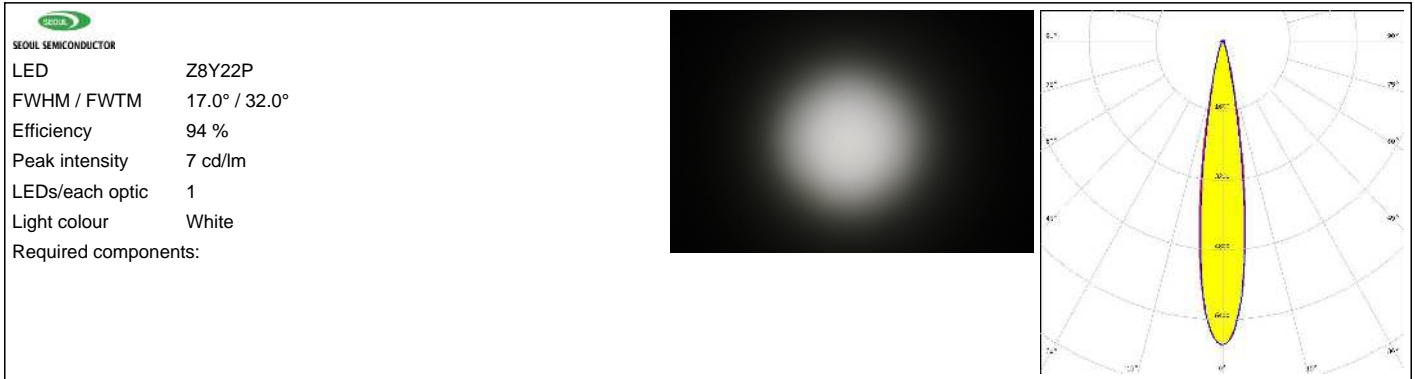
LED LUXEON A
 FWHM / FWTM 18.0°
 Efficiency 90 %
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (MEASURED):

		
LED	LUXEON Rebel ES	
FWHM / FWTM	18.0°	
Efficiency	90 %	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	NS9x383	
FWHM / FWTM	18.0° / 35.0°	
Efficiency	90 %	
Peak intensity	6.1 cd/m	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	LH351B	
FWHM / FWTM	17.0° / 30.0°	
Efficiency	88 %	
Peak intensity	8.7 cd/m	
LEDs/each optic	1	
Light colour	White	
Required components:		
		
LED	LH351Z	
FWHM / FWTM	18.0° / 29.0°	
Efficiency	89 %	
Peak intensity	9.4 cd/m	
LEDs/each optic	1	
Light colour	White	
Required components:		



OPTICAL RESULTS (MEASURED):



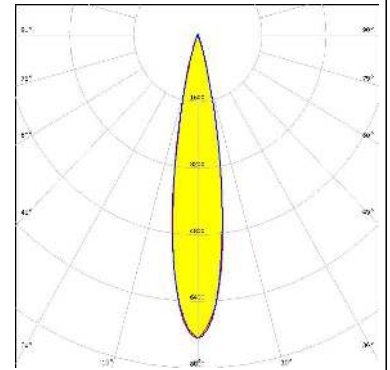
OPTICAL RESULTS (SIMULATED):

CREE LED

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

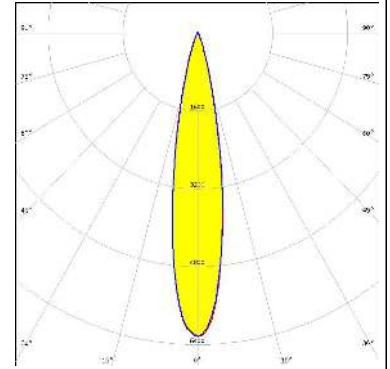
CREE LED

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



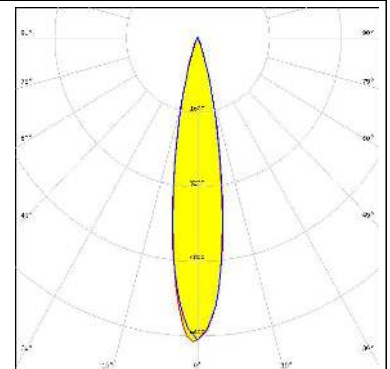
CREE LED

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



LUMILEDS

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



OPTICAL RESULTS (SIMULATED):

OSRAM <small>Opto Semiconductors</small>	<p>LED OSLON Black</p> <p>FWHM / FWTM 15.0° / 27.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 10.9 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
OSRAM <small>Opto Semiconductors</small>	<p>LED OSLON Black Flat</p> <p>FWHM / FWTM 17.0° / 28.0°</p> <p>Efficiency 94 %</p> <p>Peak intensity 10 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>	
OSRAM <small>Opto Semiconductors</small>	<p>LED SFH 4725AS</p> <p>FWHM / FWTM 18.0° / 32.0°</p> <p>Efficiency 94 %</p> <p>LEDs/each optic 1</p> <p>Light colour IR</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:

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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