



**THE DATASHEET OF
CA11391_EMILY-M2**

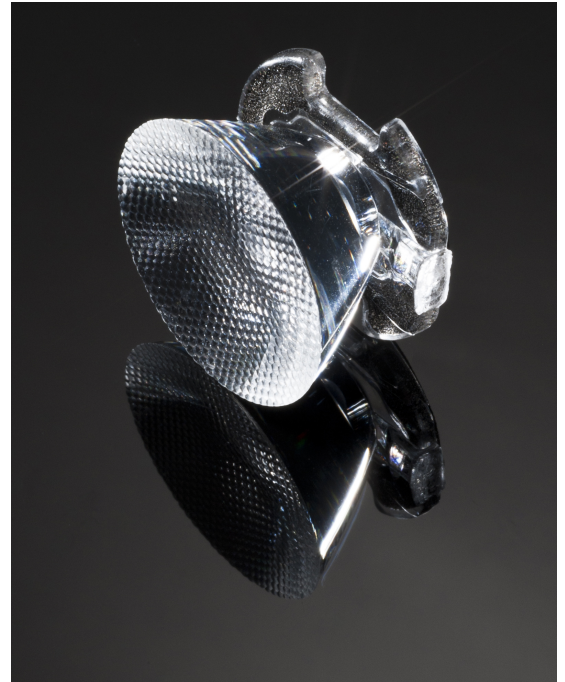


EMILY-M2

~30° medium beam. 14.88 mm high lens.

SPECIFICATION:

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

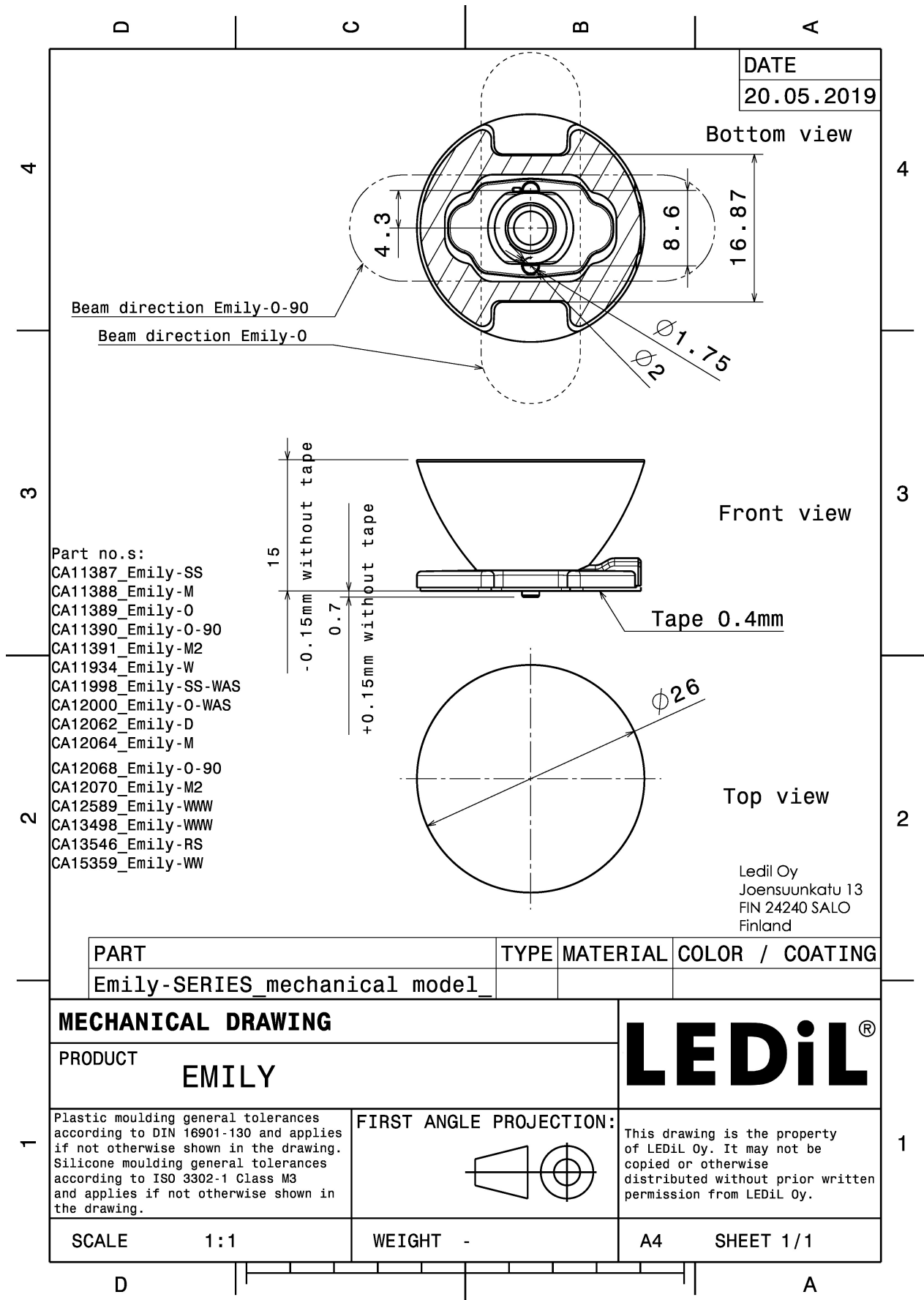


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
EMILY-M2	Single lens	PMMA	clear		
SPUTNIK-TAPE	Tape	Acryl tape	black		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11391_EMILY-M2	Single lens	1690	260	130	10.6
» Box size: 480 x 280 x 300 mm					

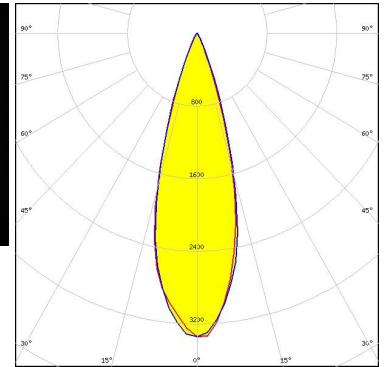
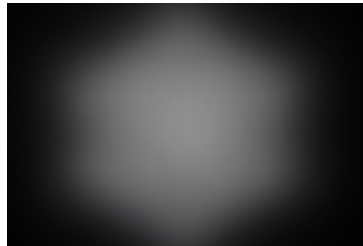


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



LED XB-H
FWHM / FWTM 30.0° / 47.0°
Efficiency 89 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XP-E
FWHM / FWTM 29.0° / 47.0°
Efficiency 92 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED XP-G
FWHM / FWTM 29.0° / 44.0°
Efficiency 92 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (MEASURED):



LED LUXEON Rebel
FWHM / FWTM 28.0°
Efficiency 87 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



LED NCSxx19A
FWHM / FWTM 30.0°
Efficiency 88 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



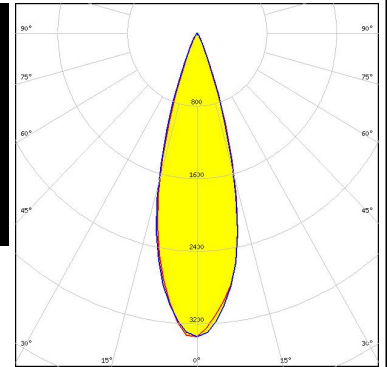
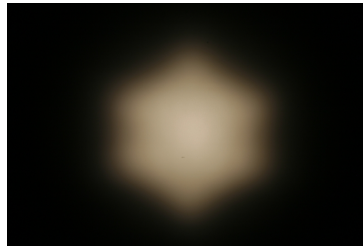
LED NVSxx19A
FWHM / FWTM 28.0° / 48.0°
Efficiency 88 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED OSLON Square EC
FWHM / FWTM 30.0° / 47.0°
Efficiency 89 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 150
FWHM / FWTM 30.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:


Light distribution files

OSRAM
Opto Semiconductors

LED OSLON SSL 80
FWHM / FWTM 28.0°
Efficiency 85 %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files

OPTICAL RESULTS (MEASURED):


SEOUL SEMICONDUCTOR

LED	Z5
FWHM / FWTM	28.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White

Required components:

Light distribution files

SHARP

LED	Double Dome (GM2BB)
FWHM / FWTM	28.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White

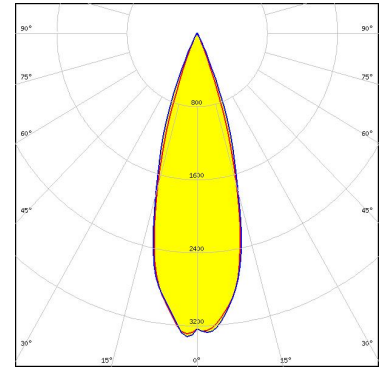
Required components:

Light distribution files

OPTICAL RESULTS (SIMULATED):



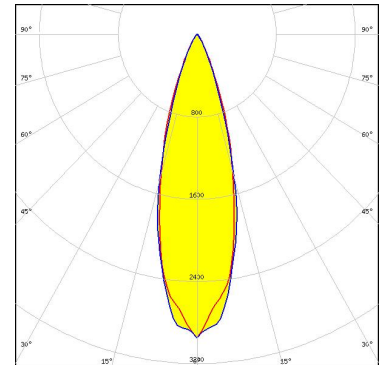
LED XP-E
FWHM / FWTM 31.0° / 48.0°
Efficiency 93 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



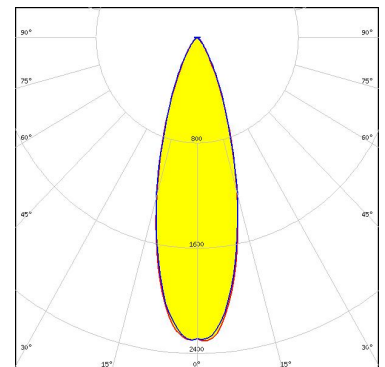
LED NCSxx19B
FWHM / FWTM 28.0°
Efficiency 89 %
Peak intensity 2.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NVSxE21A
FWHM / FWTM 32.0° / 61.0°
Efficiency 92 %
Peak intensity 2.3 cd/lm
LEDs/each optic 4
Light colour/type White
Required components:

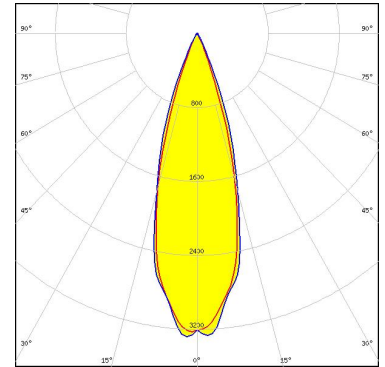


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

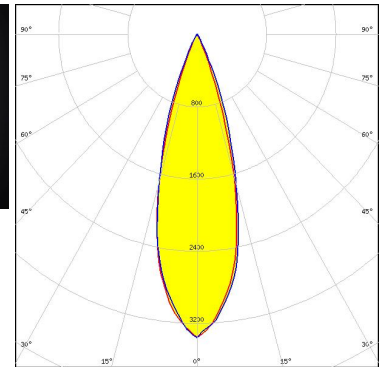
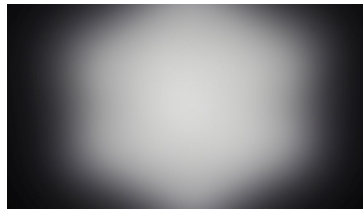
LED OSCONIQ P 3030
FWHM / FWTM 31.0° / 49.0°
Efficiency 96 %
Peak intensity 3.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

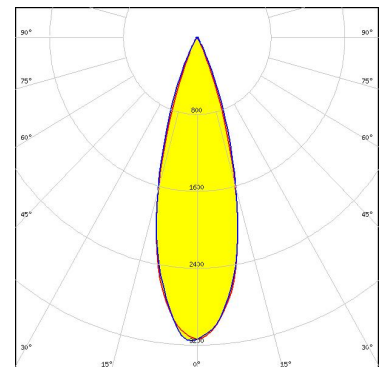
LED OSLON Square CSSRM2/CSSRM3
FWHM / FWTM 30.0° / 49.0°
Efficiency 94 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SAMSUNG

LED LH351B
FWHM / FWTM 30.0° / 50.0°
Efficiency 93 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

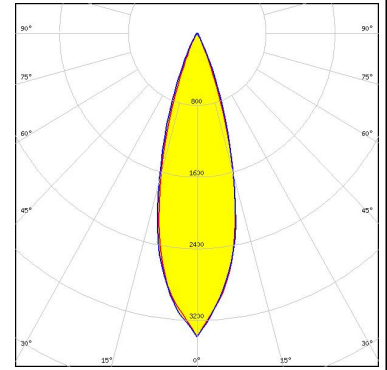


Light distribution files

OPTICAL RESULTS (SIMULATED):

SAMSUNG

LED	LM28xB Series
FWHM / FWTM	29.0° / 50.0°
Efficiency	94 %
Peak intensity	3.4 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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