

EMILY-O-90

~10° x 45° oval beam. 14.97 mm high lens.
Variant with beam direction rotated 90°.



SPECIFICATION:

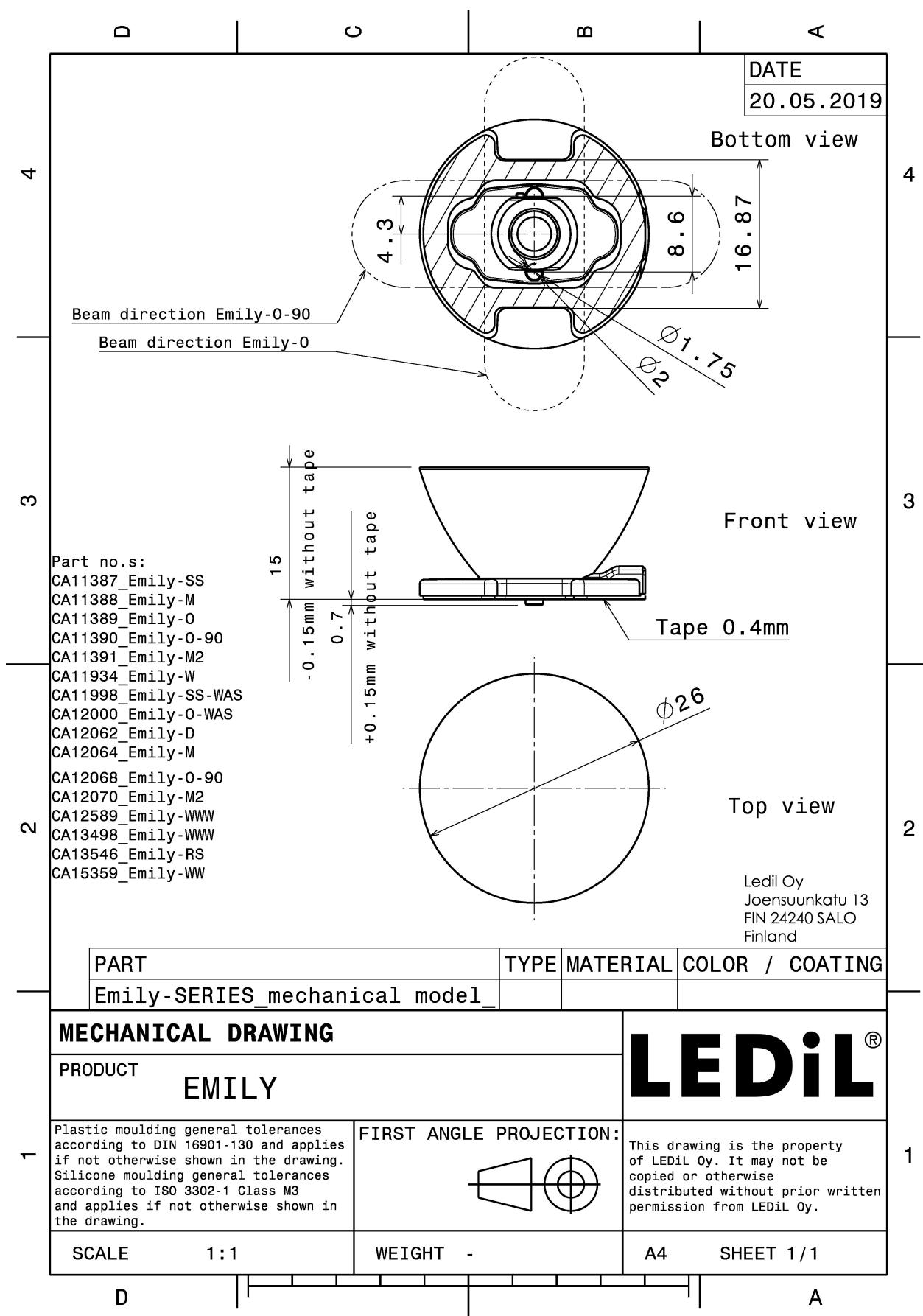
Dimensions	Ø 26.0 mm
Height	15 mm
Fastening	tape, pin
ROHS compliant	yes 

MATERIALS:

Component	Type	Material	Colour	Finish
EMILY-O-90	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)	
CA11390_EMILY-O-90 » Box size: 480 x 280 x 300 mm	Single lens	1690	260	130	10.6



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

OPTICAL RESULTS (MEASURED):



LED XP-E
FWHM / FWTM 49.0 + 9.0° / 59.0 + 24.0°
Efficiency 92 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED XP-G
FWHM / FWTM 44.0 + 10.0° / 58.0 + 24.0°
Efficiency 92 %
Peak intensity 4.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:



LED LUXEON Rebel
FWHM / FWTM 9.0 + 45.0° / 25.0 + 57.0°
Efficiency 87 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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

OPTICAL RESULTS (MEASURED):



LED NVSxx19A
FWHM / FWTM 44.0 + 12.0°
Efficiency 87 %
LEDs/each optic 1
Light colour White
Required components:

OSRAM

Opto Semiconductors

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

OSRAM

Opto Semiconductors

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



SEOUL SEMICONDUCTOR

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

OPTICAL RESULTS (MEASURED):

SHARP

LED Double Dome (GM2BB)

FWHM / FWTM 44.0 + 10.0°

Efficiency %

LEDs/each optic 1

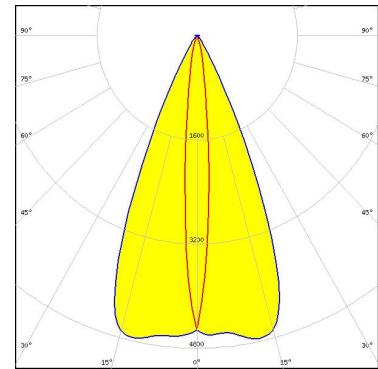
Light colour White

Required components:

OPTICAL RESULTS (SIMULATED):



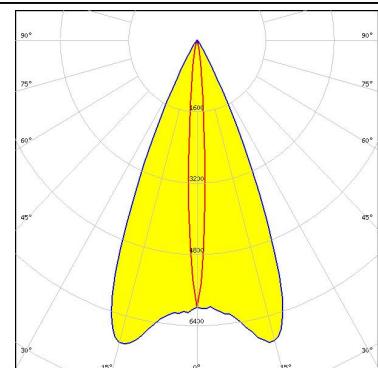
LED	NVSxE21A
FWHM / FWTM	10.0 + 46.0° / 24.0 + 62.0°
Efficiency	92 %
Peak intensity	4.8 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



OSRAM

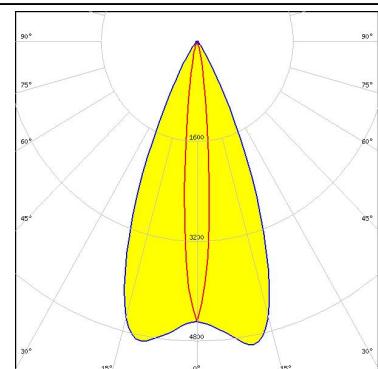
Opto Semiconductors

LED	OSCONIQ P 3030
FWHM / FWTM	7.1 + 46.0° / 18.0 + 60.0°
Efficiency	96 %
Peak intensity	7 cd/lm
LEDs/each optic	1
Light colour	White
Required components:	



SAMSUNG

LED	LH351B
FWHM / FWTM	10.0 + 46.0° / 24.0 + 64.0°
Efficiency	93 %
Peak intensity	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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