

EMILY-O-90

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

TECHNICAL SPECIFICATIONS:

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

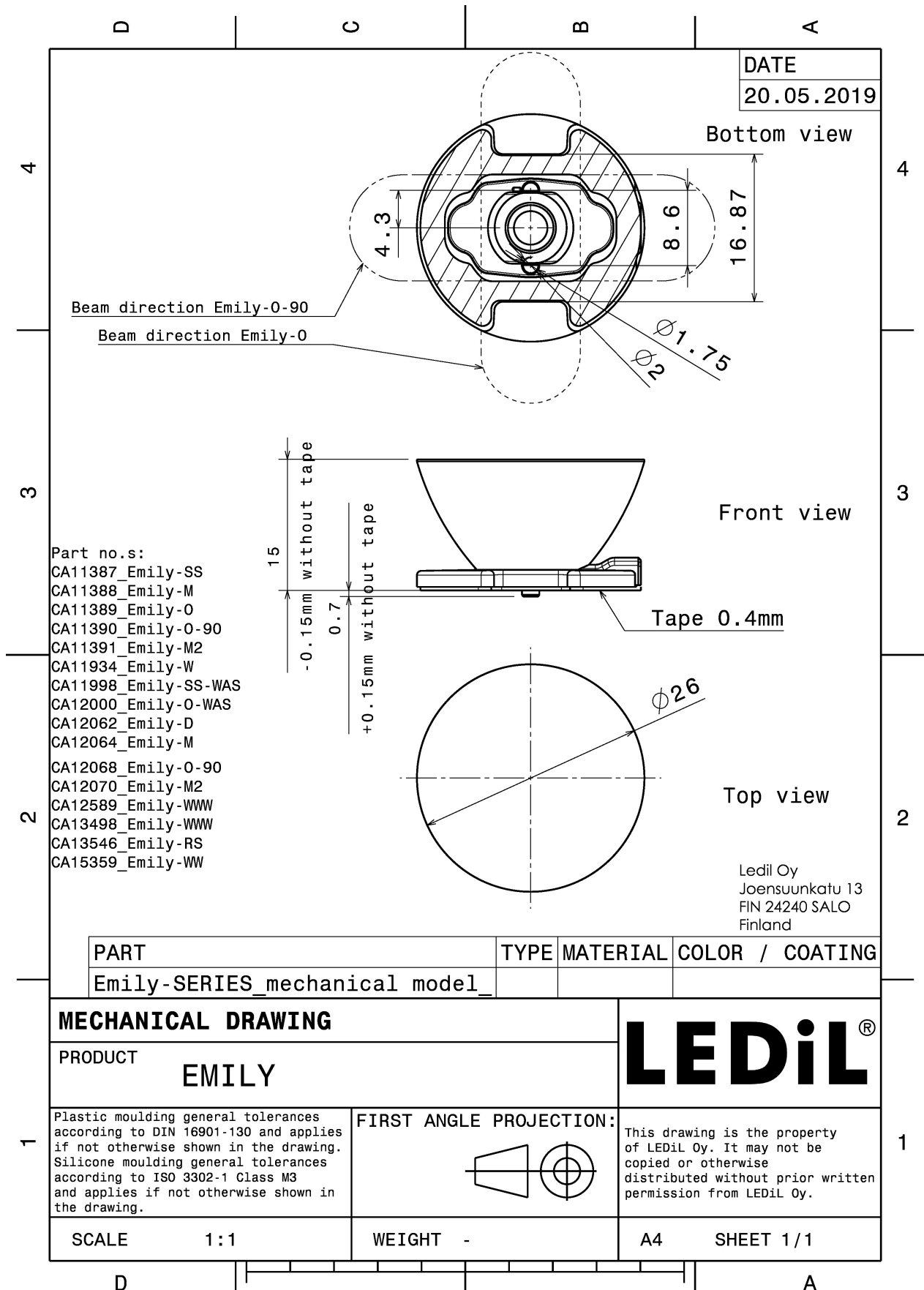
MATERIAL SPECIFICATIONS:

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

ORDERING INFORMATION:

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





PHOTOMETRIC DATA (MEASURED):

CREE ⇄

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

CREE ⇄

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

LUMILEDS

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

NICHIA

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

PHOTOMETRIC DATA (MEASURED):



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



Osram Semiconductors

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



Osram Semiconductors

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



SEOUL SEMICONDUCTOR

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

PHOTOMETRIC DATA (MEASURED):

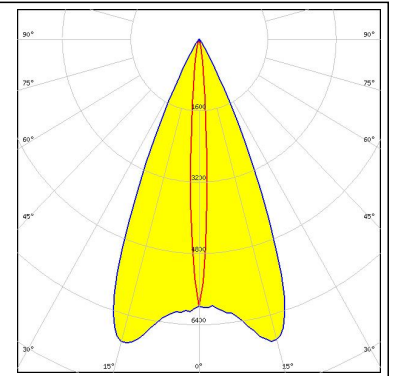
SHARP

LED	Double Dome (GM2BB)
FWHM	44.0 + 10.0°
Efficiency	%
LEDs/each optic	1
Light colour	White
Required components:	

PHOTOMETRIC DATA (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSCONIQ P 3030
FWHM	7.1 + 46.0°
Efficiency	96 %
Peak intensity	7 cd/m
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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