

EMILY-0-90

~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:

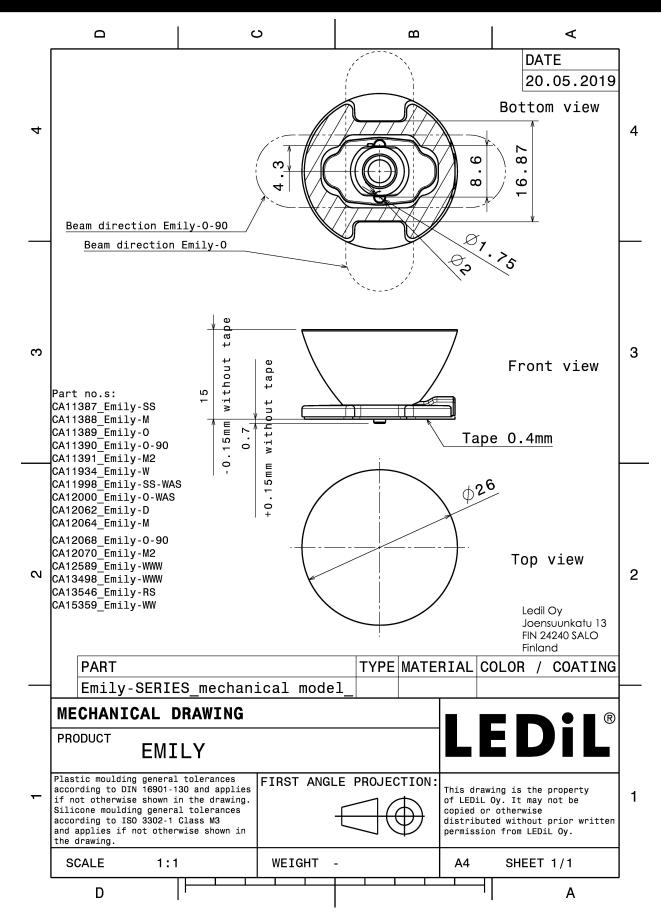
Component	Type	Material	Colour	Finish
EMILY-O-90	Single lens	PMMA	clear	
SPUTNIK-TAPE	Tape	Acrylic foam	black	

ORDERING INFORMATION:

» Box size: 480 x 280 x 300 mm

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11390_EMILY-O-90	Single lens	1690	260	130	10.6





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



PHOTOMETRIC DATA (MEASURED):

CREE \$\text{LED}

LED XP-E

FWHM / FWTM $49.0 + 9.0^{\circ}$ / $59.0 + 24.0^{\circ}$

Efficiency 92 %
Peak intensity 4.2 cd/lm
LEDs/each optic 1
Light colour White

CREE - LED

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:

MILEDS

LED LUXEON Rebel

FWHM / FWTM $9.0 + 45.0^{\circ} / 25.0 + 57.0^{\circ}$

Efficiency 87 %
Peak intensity 3.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:

WNICHIA

LED NCSxx19A
FWHM / FWTM 44.0 + 10.0°
Efficiency 87 %
LEDs/each optic 1

Light colour White Required components:



PHOTOMETRIC DATA (MEASURED):

WNICHIA

LED NVSxx19A $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 44.0 + 12.0° Efficiency 87 % LEDs/each optic Light colour White Required components:

OSRAM Opto Semiconductors

LED OSLON SSL 150 FWHM / FWTM 44.0 + 12.0°

Efficiency % LEDs/each optic 1 White Light colour Required components:

OSRAM Opto Semiconductor

LED OSLON SSL 80 $\mathsf{FWHM}\,/\,\mathsf{FWTM}$ 44.0 + 10.0° Efficiency 85 % LEDs/each optic Light colour White Required components:



LED **Z**5

FWHM / FWTM 44.0 + 10.0°

Efficiency % LEDs/each optic White Light colour Required components:



PHOTOMETRIC DATA (MEASURED):

SHARP

LED Double Dome (GM2BB)

 $FWHM / FWTM \qquad 44.0 + 10.0^{\circ}$

Efficiency %
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (SIMULATED):

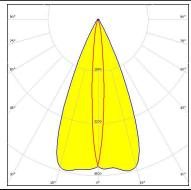
WNICHIA

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:



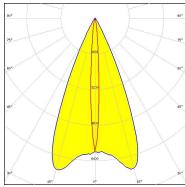
OSRAM

Opto Semiconductor

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:

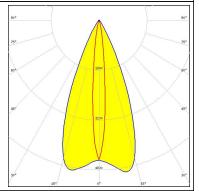


SAMSUNG

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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