

EMILY-M2

~30° medium beam. 14.88 mm high lens.

SPECIFICATION:

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

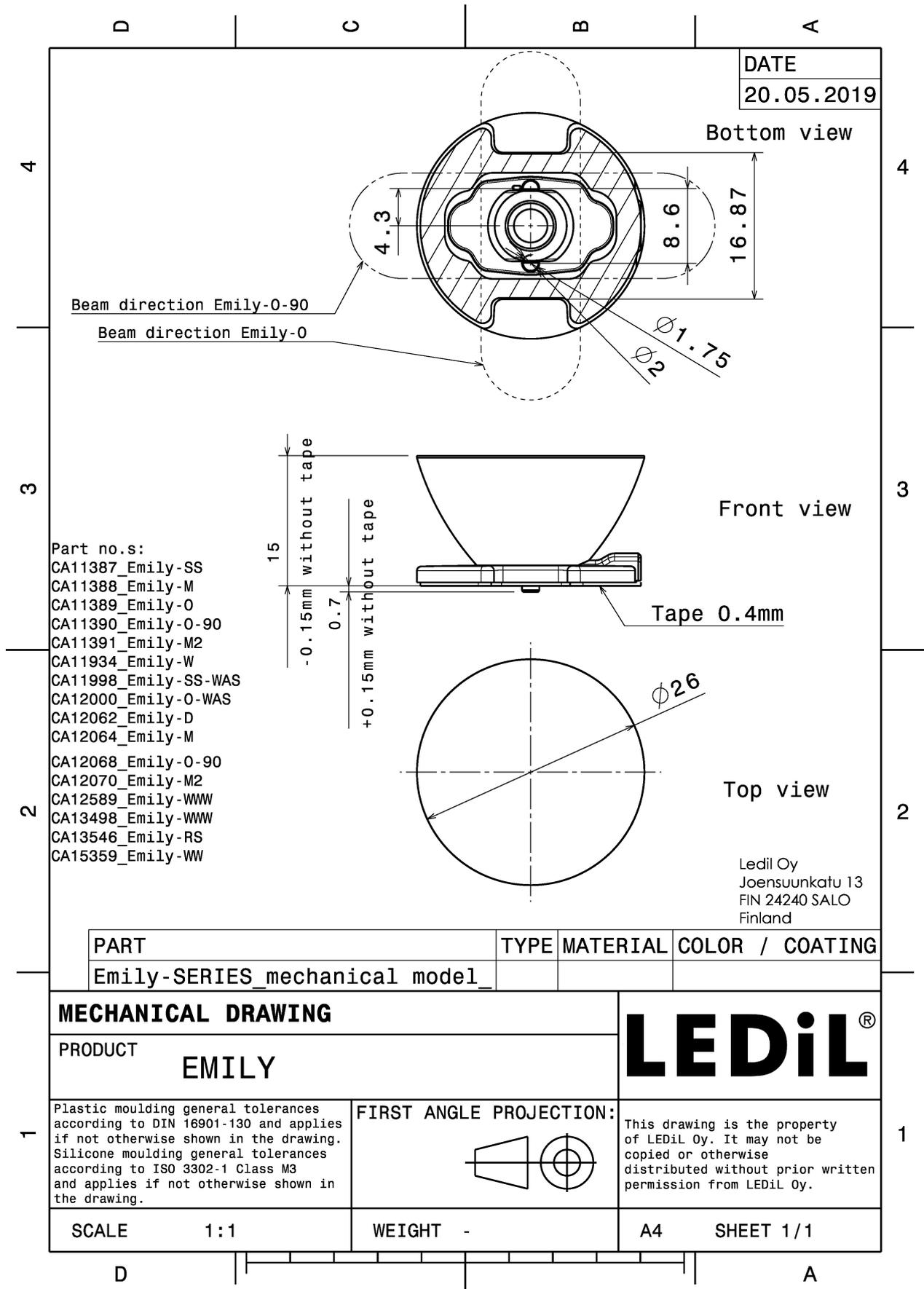
MATERIALS:

Component	Type	Material	Colour	Finish	Length
EMILY-M2	Single lens	PMMA	clear		26.0
SPUTNIK-TAPE	Tape	Acrylic foam	black		25.0

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12070_EMILY-M2	Single lens	1690	260	130	10.5
» Box size: 480 x 280 x 300 mm					



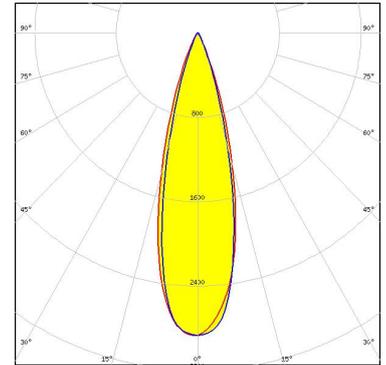


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



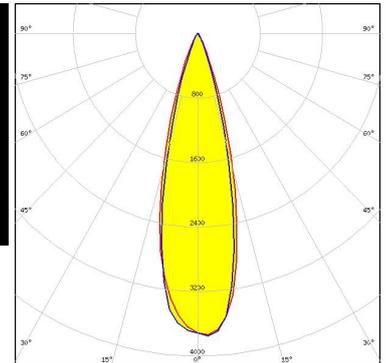
LED XM-L
 FWHM / FWTM 28.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



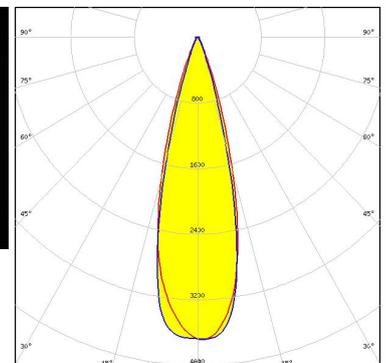
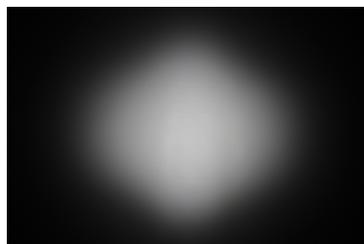
LED XM-L2
 FWHM / FWTM 29.0° / 48.0°
 Efficiency 90 %
 Peak intensity 3.8 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-G3
 FWHM / FWTM 27.0° / 44.0°
 Efficiency 94 %
 Peak intensity 3.7 cd/m
 LEDs/each optic 1
 Light colour/type White
 Required components:

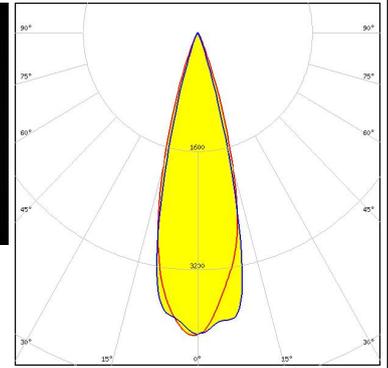


Light distribution files

OPTICAL RESULTS (MEASURED):



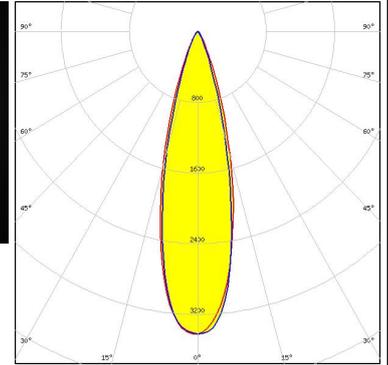
LED XP-L HI
FWHM / FWTM 27.0° / 40.0°
Efficiency 89 %
Peak intensity 4.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED NS9x383
FWHM / FWTM 26.0° / 47.0°
Efficiency 89 %
Peak intensity 3.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OPTICAL RESULTS (SIMULATED):

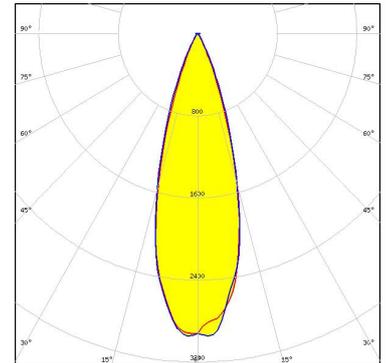


LED XM-L HVW
FWHM / FWTM 30.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



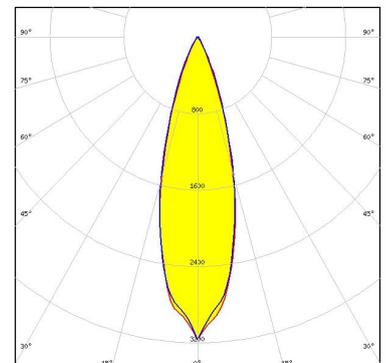
LED XP-G2 HE
FWHM / FWTM 32.0° / 52.0°
Efficiency 93 %
Peak intensity 3.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON MZ
FWHM / FWTM 29.0° / 52.0°
Efficiency 93 %
Peak intensity 3.2 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

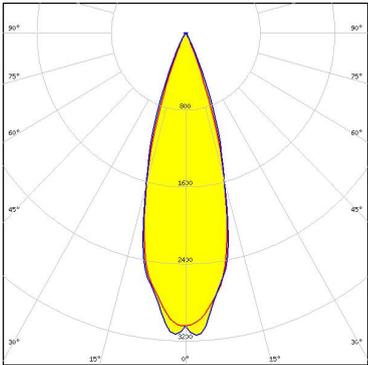


Light distribution files

OPTICAL RESULTS (SIMULATED):

NICHIA

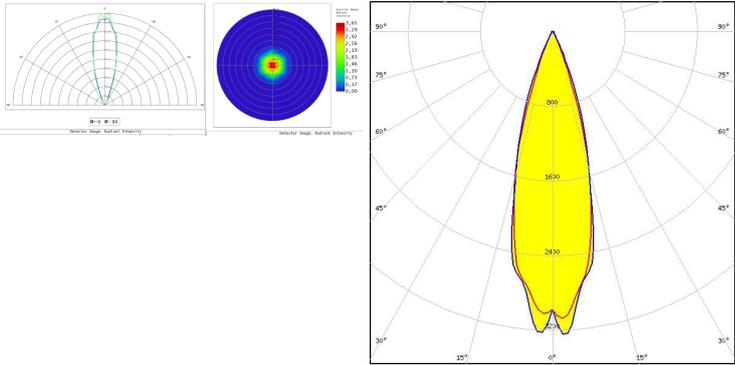
LED	NCSxE17A
FWHM / FWTM	31.0° / 48.0°
Efficiency	92 %
Peak intensity	3.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

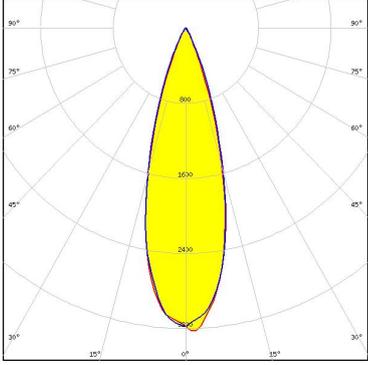
LED	SFH 4725AS
FWHM / FWTM	30.0° / 50.0°
Efficiency	94 %
LEDs/each optic	1
Light colour/type	IR
Required components:	



Light distribution files

SEMI
SEOUL SEMICONDUCTOR

LED	Z5M4
FWHM / FWTM	30.0° / 50.0°
Efficiency	94 %
Peak intensity	3.2 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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