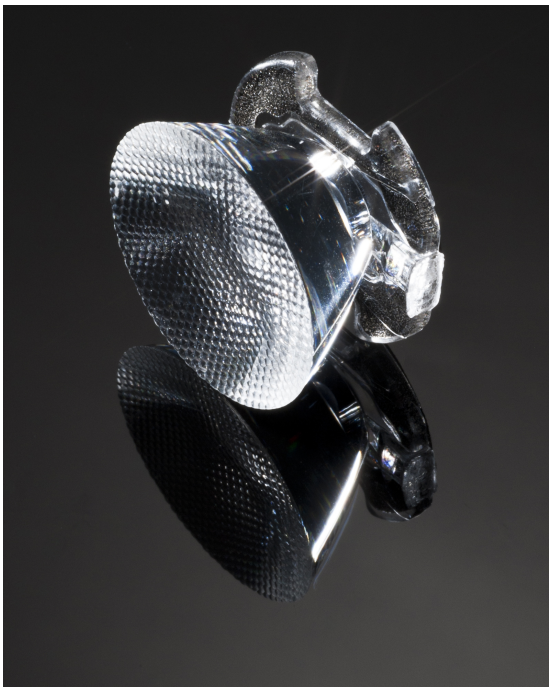
EMILY-M2

~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 » Box size: 480 x 280 x 300 mm	Single lens	1690	260	130	10.6

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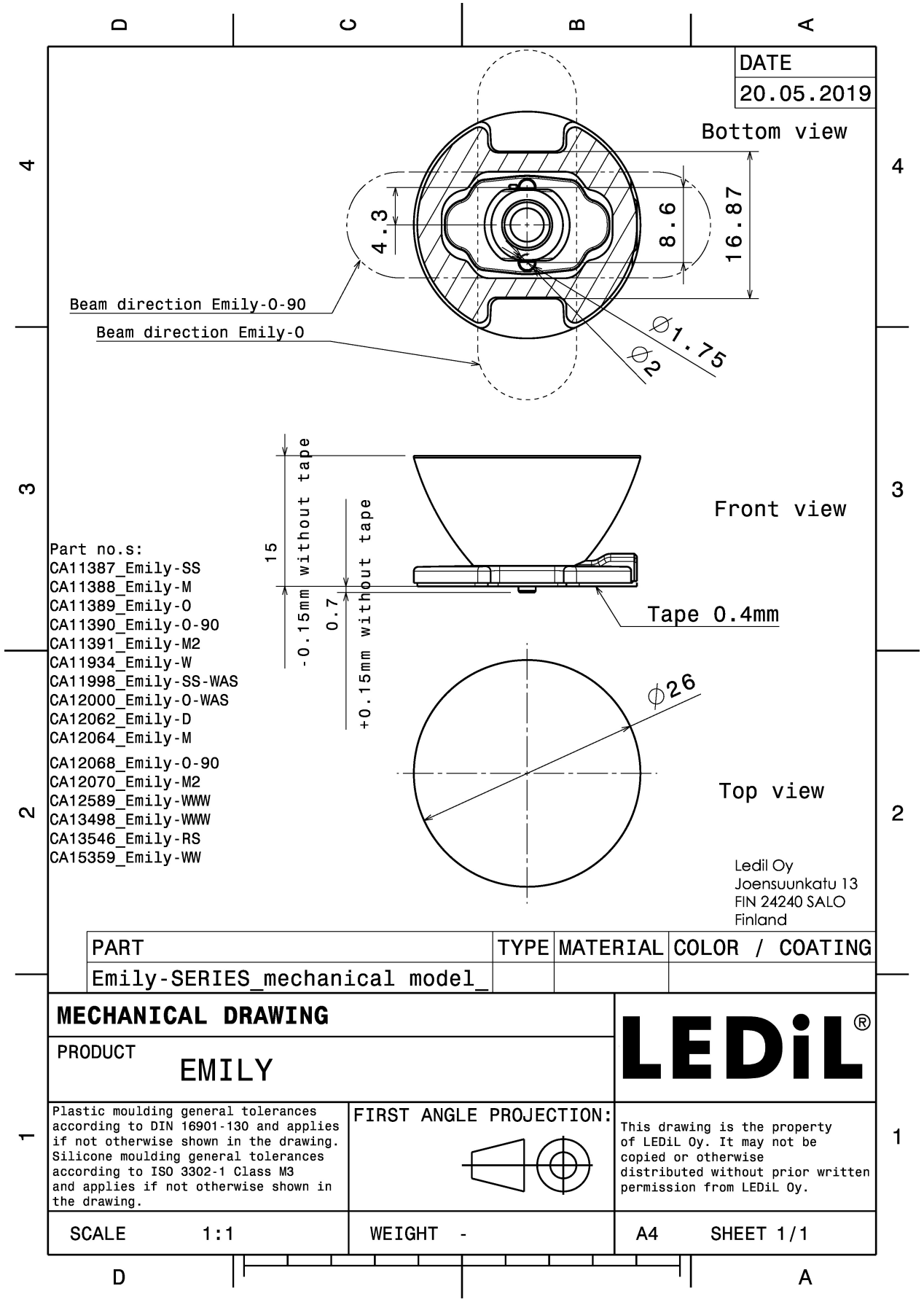
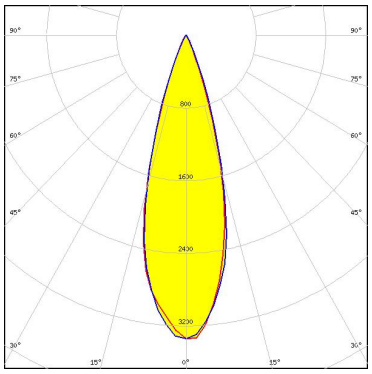


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):

CREE LEDs

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

CREE LEDs

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

CREE LEDs

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

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OPTICAL RESULTS (MEASURED):

LUMILEDS

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

Light distribution files

NICHIA

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

Light distribution files

NICHIA

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

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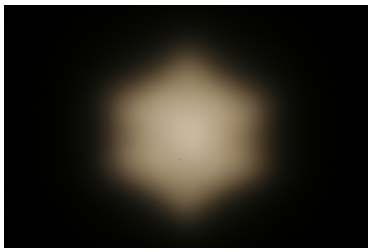
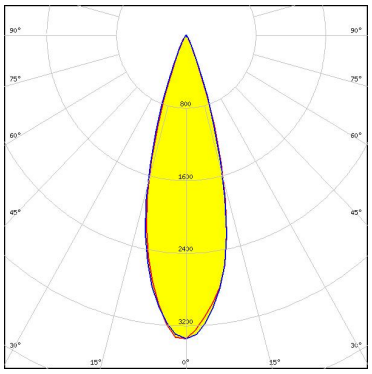
OPTICAL RESULTS (MEASURED):

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

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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

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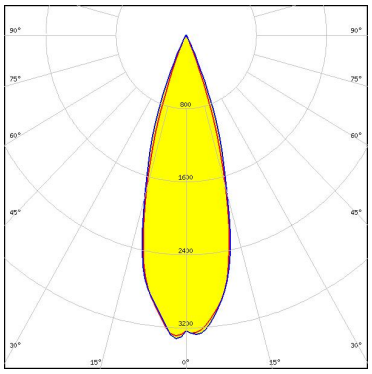
OPTICAL RESULTS (SIMULATED):

CREE LEDs

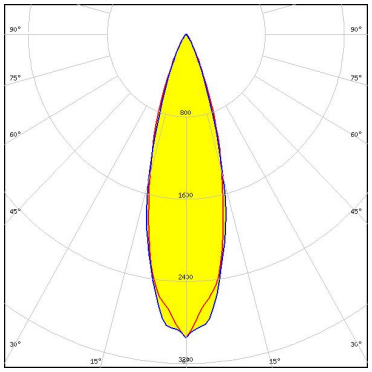
LED	XP-E
FWHM / FWTM	31.0° / 48.0°
Efficiency	93 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

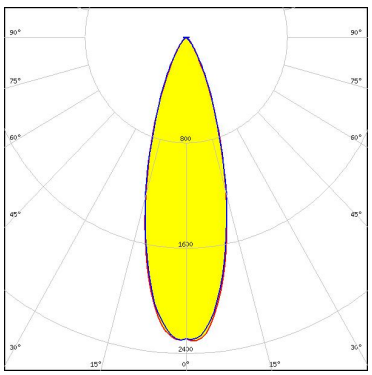
LED	NCSxx19B
FWHM / FWTM	28.0°
Efficiency	89 %
Peak intensity	2.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

NICHIA

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

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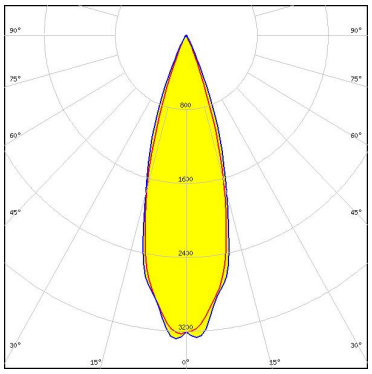
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

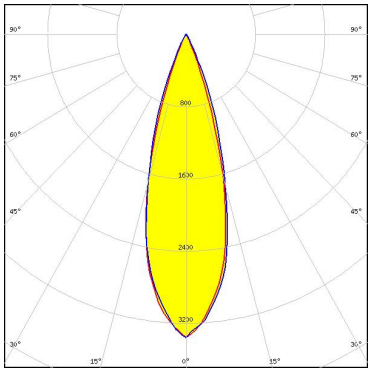
LED	OSCONIQ P 3030
FWHM / FWTM	31.0° / 49.0°
Efficiency	96 %
Peak intensity	3.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

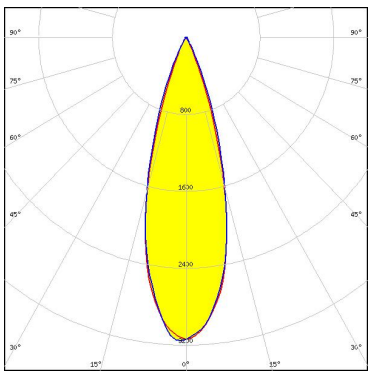
LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	30.0° / 49.0°
Efficiency	94 %
Peak intensity	3.4 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



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

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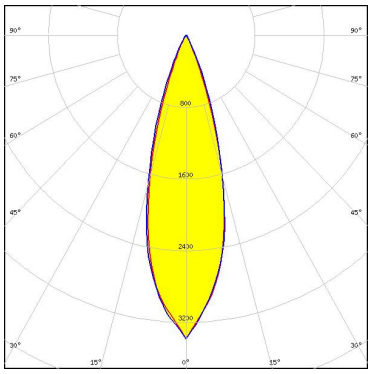
OPTICAL RESULTS (SIMULATED):

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

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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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