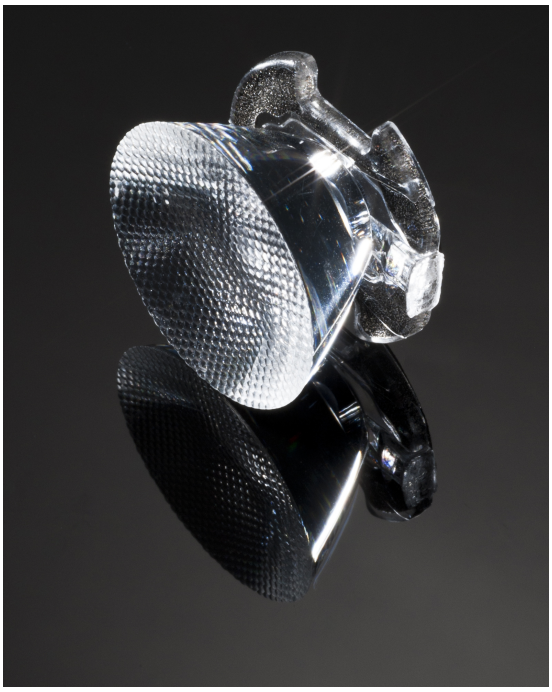
EMILY-M

~20° medium beam. 14.85 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-M	Single lens	PMMA	clear		
SPUTNIK-TAPE	Tape	Acryl tape	black		

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11388_EMILY-M » Box size: 480 x 280 x 300 mm	Single lens	1690	260	130	10.4

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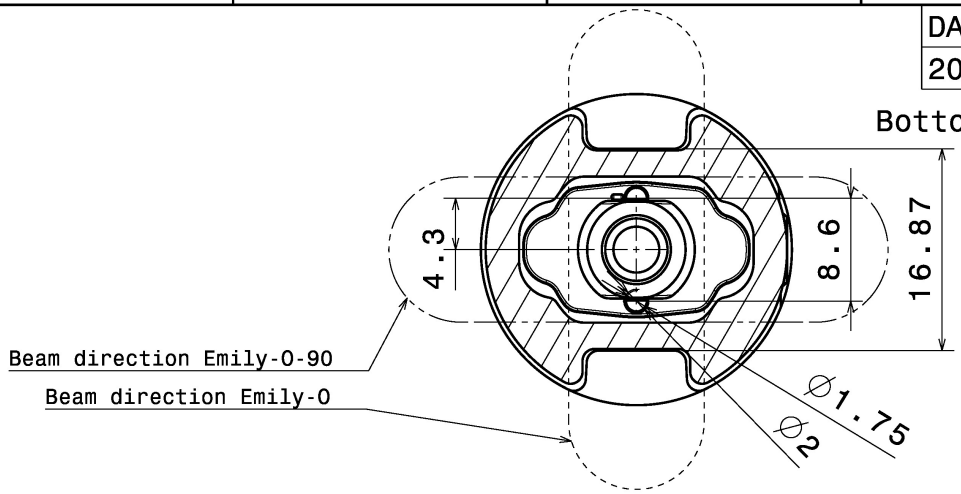
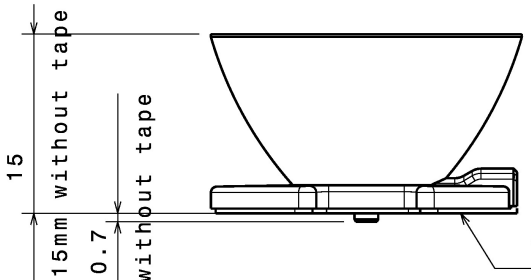
DATE
20.05.2019

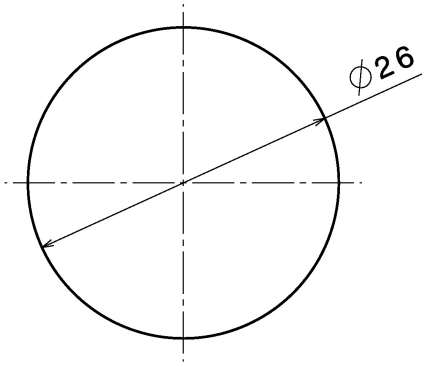
Bottom view



Front view



Top view



Part no.s:
CA11387_Emily-SS
CA11388_Emily-M
CA11389_Emily-0
CA11390_Emily-0-90
CA11391_Emily-M2
CA11934_Emily-W
CA11998_Emily-SS-WAS
CA12000_Emily-0-WAS
CA12062_Emily-D
CA12064_Emily-M
CA12068_Emily-0-90
CA12070_Emily-M2
CA12589_Emily-WWW
CA13498_Emily-WWW
CA13546_Emily-RS
CA15359_Emily-WW

Ledil Oy
Joensuunkatu 13
FIN 24240 SALO
Finland

PART	TYPE	MATERIAL	COLOR / COATING
Emily-SERIES_mechanical model_			

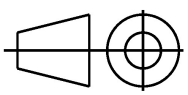
MECHANICAL DRAWING

PRODUCT
EMILY

LEDiL®

Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing.

FIRST ANGLE PROJECTION:



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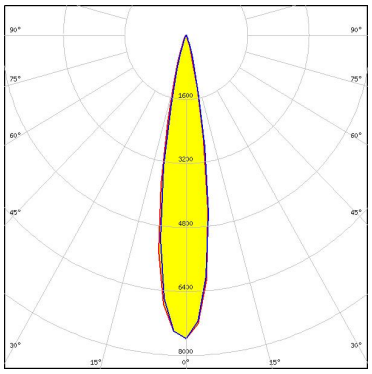
SCALE 1:1 | WEIGHT - | A4 SHEET 1/1

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

OPTICAL RESULTS (MEASURED):

CREE LEDs

LED	XB-H
FWHM / FWTM	18.0° / 32.0°
Efficiency	89 %
Peak intensity	7.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

CREE LEDs

LED	XP-E
FWHM / FWTM	18.0° / 27.0°
Efficiency	93 %
Peak intensity	7.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

CREE LEDs

LED	XP-G
FWHM / FWTM	18.0° / 30.0°
Efficiency	93 %
Peak intensity	7.2 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	18.0° / 29.0°
Efficiency	91 %
Peak intensity	7.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

NICHIA

LED	NCSxx19A
FWHM / FWTM	18.0°
Efficiency	91 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

NICHIA

LED	NVSxx19A
FWHM / FWTM	18.0°
Efficiency	91 %
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

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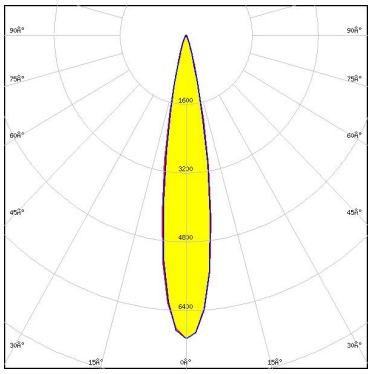
OPTICAL RESULTS (MEASURED):

OSRAM
Opto Semiconductors

LED	OSLON Square EC
FWHM / FWTM	18.0° / 32.0°
Efficiency	89 %
Peak intensity	8.3 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON SSL 150
FWHM / FWTM	20.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	18.0°
Efficiency	88 %
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	18.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

SHARP

LED	Double Dome (GM2BB)
FWHM / FWTM	18.0°
Efficiency	%
LEDs/each optic	1
Light colour/type	White
Required components:	

Light distribution files

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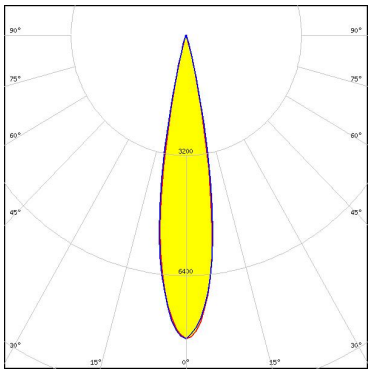
OPTICAL RESULTS (SIMULATED):

LUMILEDS

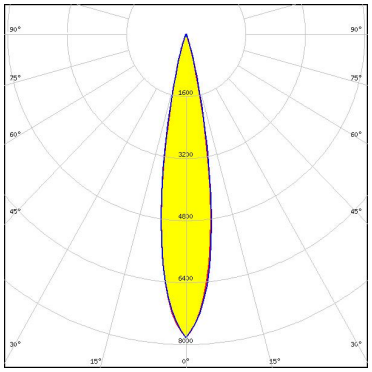
LED	LUXEON C
FWHM / FWTM	20.0° / 30.0°
Efficiency	91 %
Peak intensity	8.1 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

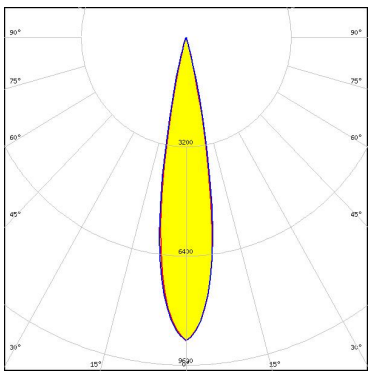
LED	LUXEON HL2Z
FWHM / FWTM	18.0° / 32.0°
Efficiency	96 %
Peak intensity	7.8 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

LUMILEDS

LED	LUXEON SunPlus 20 Line (120 deg)
FWHM / FWTM	19.0° / 30.0°
Efficiency	96 %
Peak intensity	8.9 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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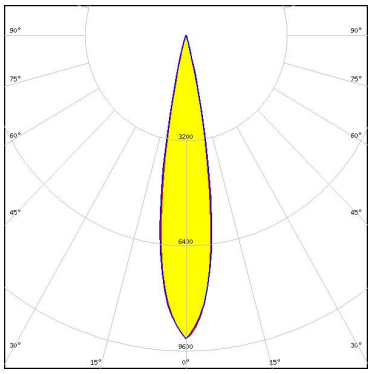
OPTICAL RESULTS (SIMULATED):

LUMILEDS

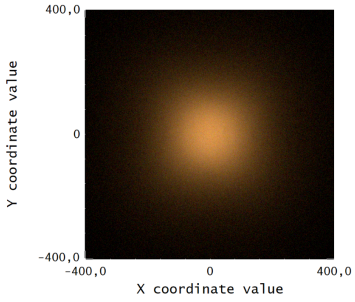
LED	LUXEON Z ES
FWHM / FWTM	18.0° / 29.0°
Efficiency	96 %
Peak intensity	9.2 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	

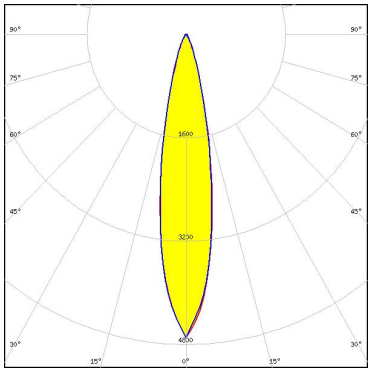


Light distribution files

NICHIA

LED	NCSxE17A
FWHM / FWTM	20.0° / 41.0°
Efficiency	91 %
Peak intensity	4.7 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	

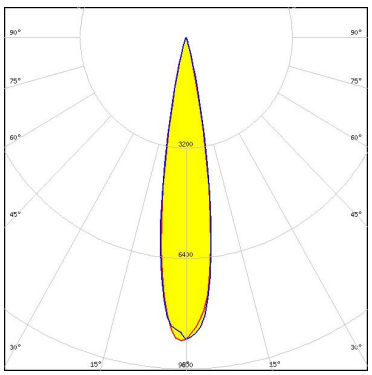




Light distribution files

NICHIA

LED	NCSxx19B
FWHM / FWTM	18.0°
Efficiency	91 %
Peak intensity	8.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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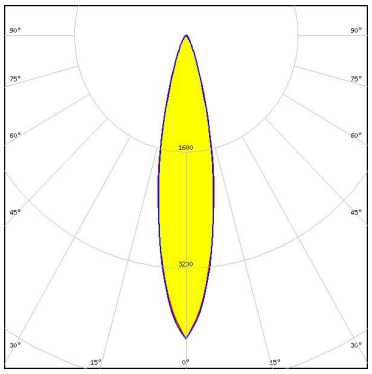
OPTICAL RESULTS (SIMULATED):

NICHIA

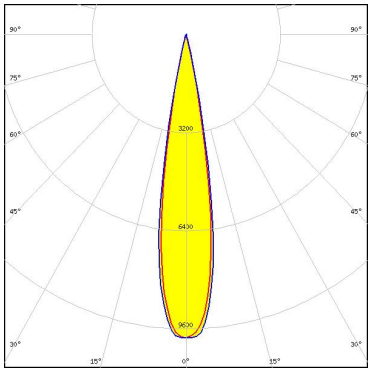
LED	NVSxE21A
FWHM / FWTM	22.0° / 44.0°
Efficiency	95 %
Peak intensity	4.2 cd/lm
LEDs/each optic	4
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

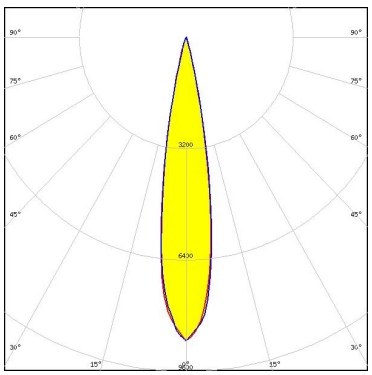
LED	OSLON Pure 1414
FWHM / FWTM	18.0 + 19.0° / 26.0 + 28.0°
Efficiency	97 %
Peak intensity	10 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON Square CSSRM2/CSSRM3
FWHM / FWTM	18.0° / 30.0°
Efficiency	94 %
Peak intensity	8.7 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

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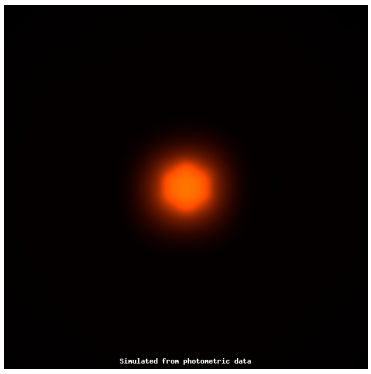
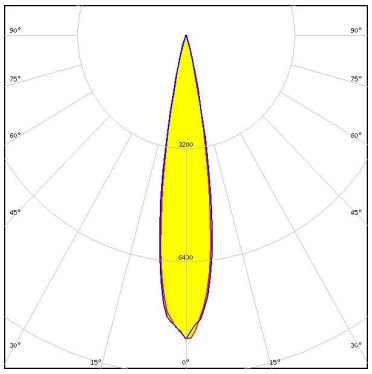
OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	19.0° / 30.0°
Efficiency	95 %
Peak intensity	8.6 cd/lm
LEDs/each optic	1
Light colour/type	Amber
Required components:	

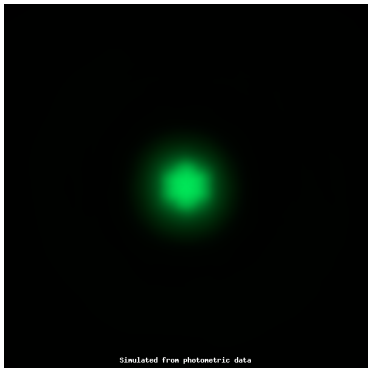


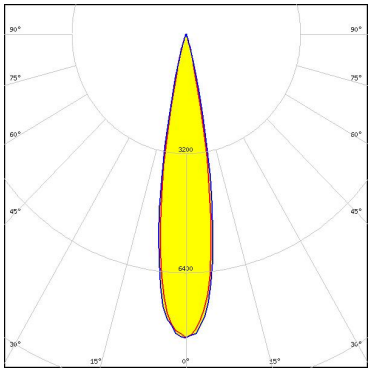


Light distribution files

OSRAM
Opto Semiconductors

LED	OSLON SSL 80
FWHM / FWTM	19.0° / 30.0°
Efficiency	95 %
Peak intensity	8.2 cd/lm
LEDs/each optic	1
Light colour/type	True Green
Required components:	

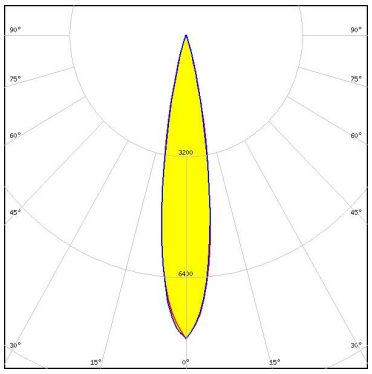




Light distribution files

SAMSUNG

LED	LH351B
FWHM / FWTM	18.0° / 32.0°
Efficiency	94 %
Peak intensity	8 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.

PRODUCT DATA USER AGREEMENT AND DISCLAIMER:

The measured data in the provided downloadable LEDiL Product Datasheets and Mechanical 2D-Drawings is rounded and provided as reference for planning. LEDiL Oy's optical specifications have been verified by conducting performance testing of the products in accordance with the company's quality system. The reported data are averaged results of multiple measurements with typical variation. LEDiL Oy reserves the right to without prior notification make changes and improvements to its products.

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