

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  |

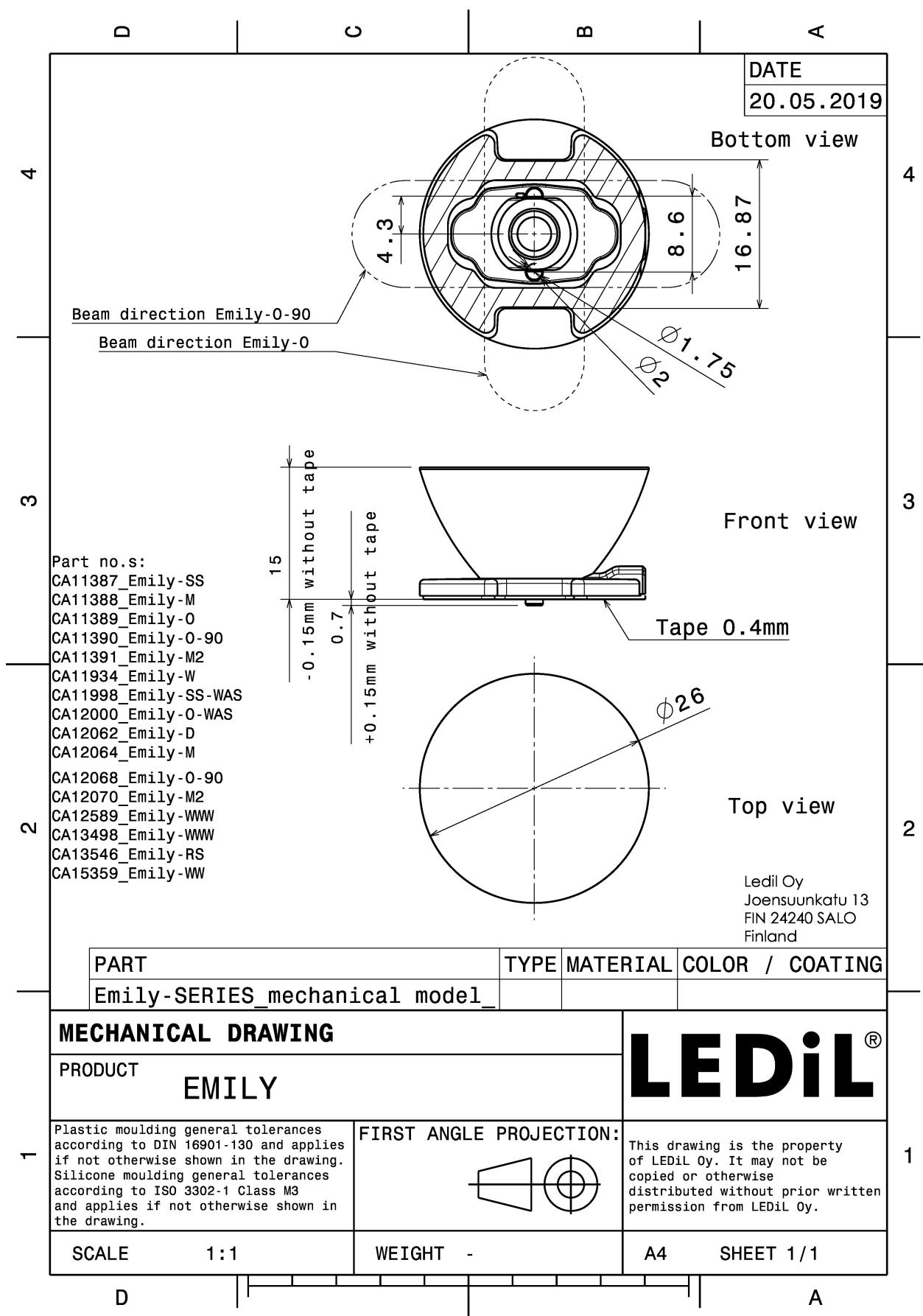


MATERIALS:

| 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 | 1690 | 260 | 130 | 10.4 |

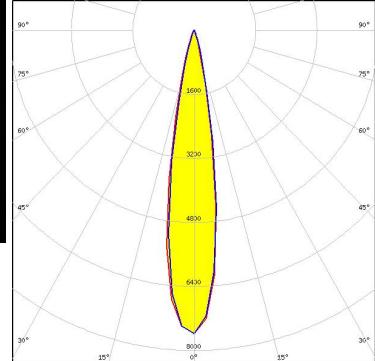


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



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



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



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

OPTICAL RESULTS (MEASURED):



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](#)



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

[Light distribution files](#)



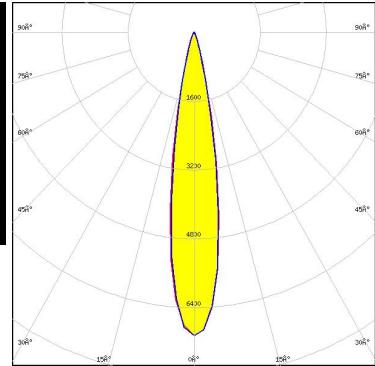
LED NVSxx19A
FWHM / FWTM 18.0°
Efficiency 91 %
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)

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

OPTICAL RESULTS (MEASURED):

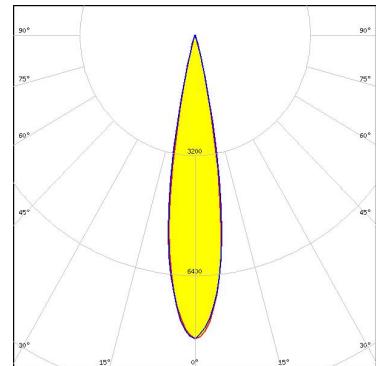
| |
|---|
|  SEOUL SEMICONDUCTOR |
| LED Z5 |
| FWHM / FWTM 18.0° |
| Efficiency % |
| LEDs/each optic 1 |
| Light colour/type White |
| Required components: |
| Light distribution files |

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

OPTICAL RESULTS (SIMULATED):



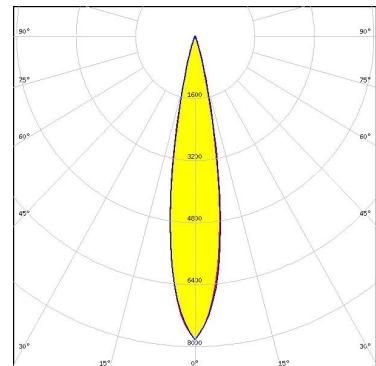
LED LUXEON C
 FWHM / FWTM 20.0° / 30.0°
 Efficiency 91 %
 Peak intensity 8.1 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



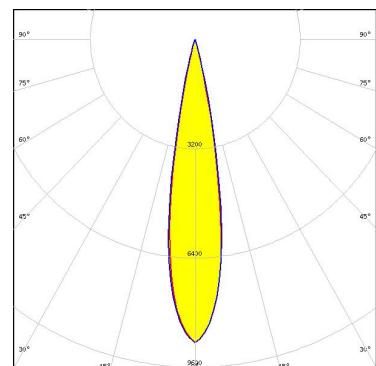
LED LUXEON HL2Z
 FWHM / FWTM 18.0° / 32.0°
 Efficiency 96 %
 Peak intensity 7.8 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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:

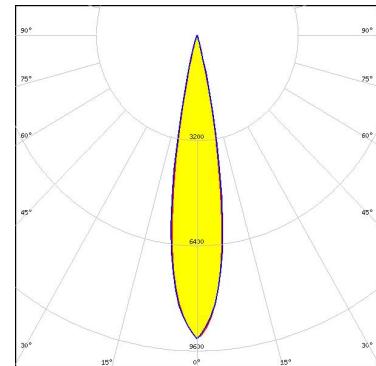


Light distribution files

OPTICAL RESULTS (SIMULATED):



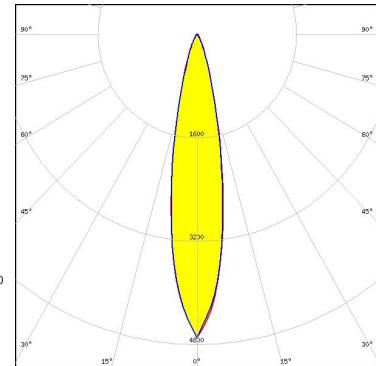
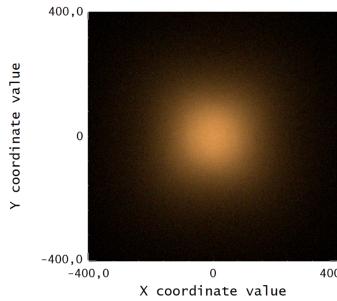
LED LUXEON Z ES
 FWHM / FWTM 18.0° / 29.0°
 Efficiency 96 %
 Peak intensity 9.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



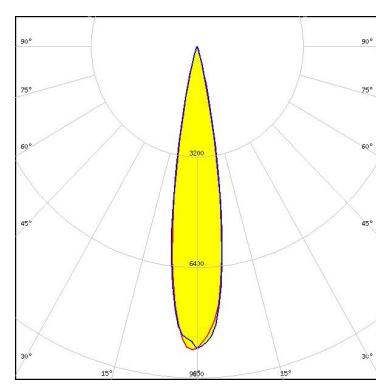
LED NCSxE17A
 FWHM / FWTM 20.0° / 41.0°
 Efficiency 91 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:



Light distribution files



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

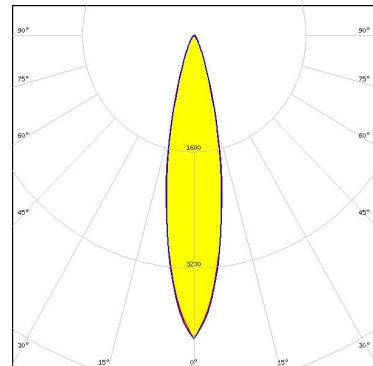


Light distribution files

OPTICAL RESULTS (SIMULATED):



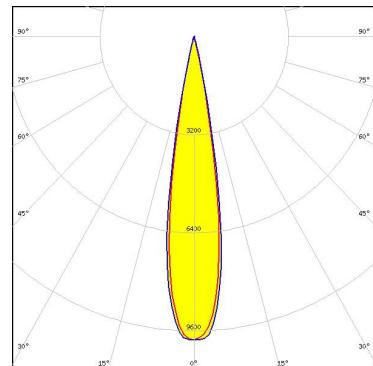
LED NVSxE21A
 FWHM / FWTM 22.0° / 44.0°
 Efficiency 95 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:



Light distribution files



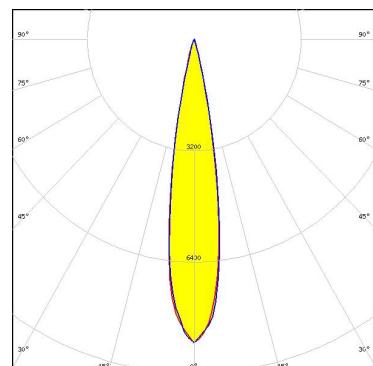
LED OSLON Pure 1414
 FWHM / FWTM 18.0 + 19.0° / 26.0 + 28.0°
 Efficiency 97 %
 Peak intensity 10 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



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:



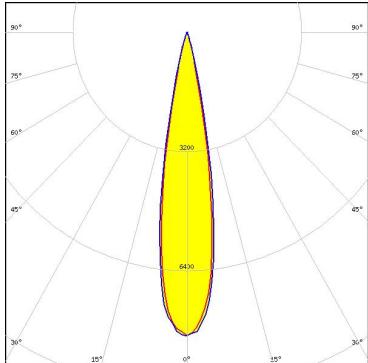
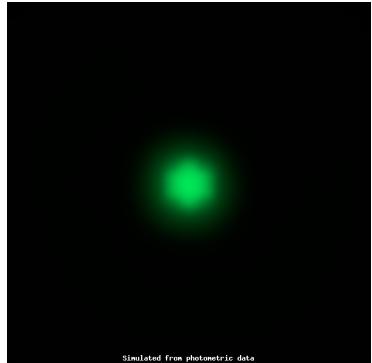
Light distribution files

OPTICAL RESULTS (SIMULATED):

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:

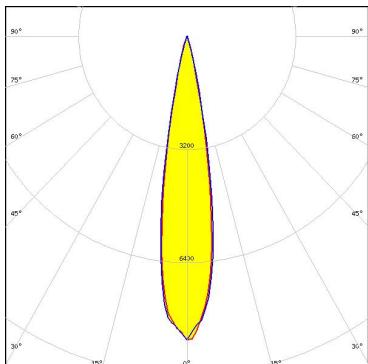
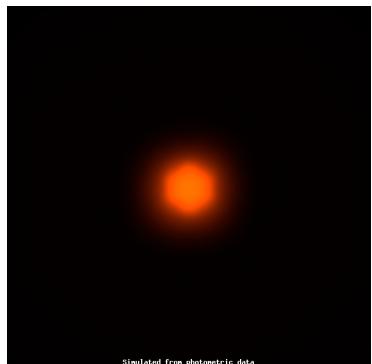


Light distribution files

OSRAM

Opto Semiconductors

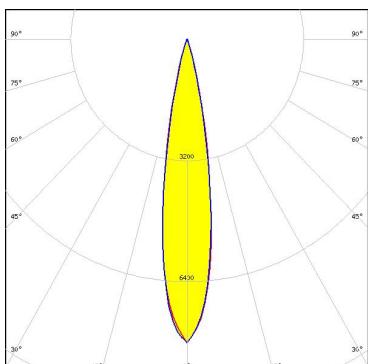
LED OSLON SSL 80
FWHM / FWTM 19.0° / 30.0°
Efficiency 95 %
Peak intensity 8.6 cd/lm
LEDs/each optic 1
Light colour/type Amber
Required components:



Light distribution files

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

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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LEDiL Oy
Joensuunkatu 7
FI-24100 SALO
Finland

LEDiL Inc.
228 West Page Street
Suite D
Sycamore IL 60178
USA

**Ledil Optics Technology
(Shenzhen) Co., Ltd.**
405 , Block B
Casic Motor Building
Shenzhen 518057
P.R.CHINA

**Local sales and technical
support**
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