

EMILY-O

~45° x 10° oval beam. 14.97 mm high lens.

SPECIFICATION:

| | |
|----------------|-----------|
| Dimensions | Ø 26.0 mm |
| Height | 15 mm |
| Fastening | tape, pin |
| ROHS compliant | yes ⓘ |

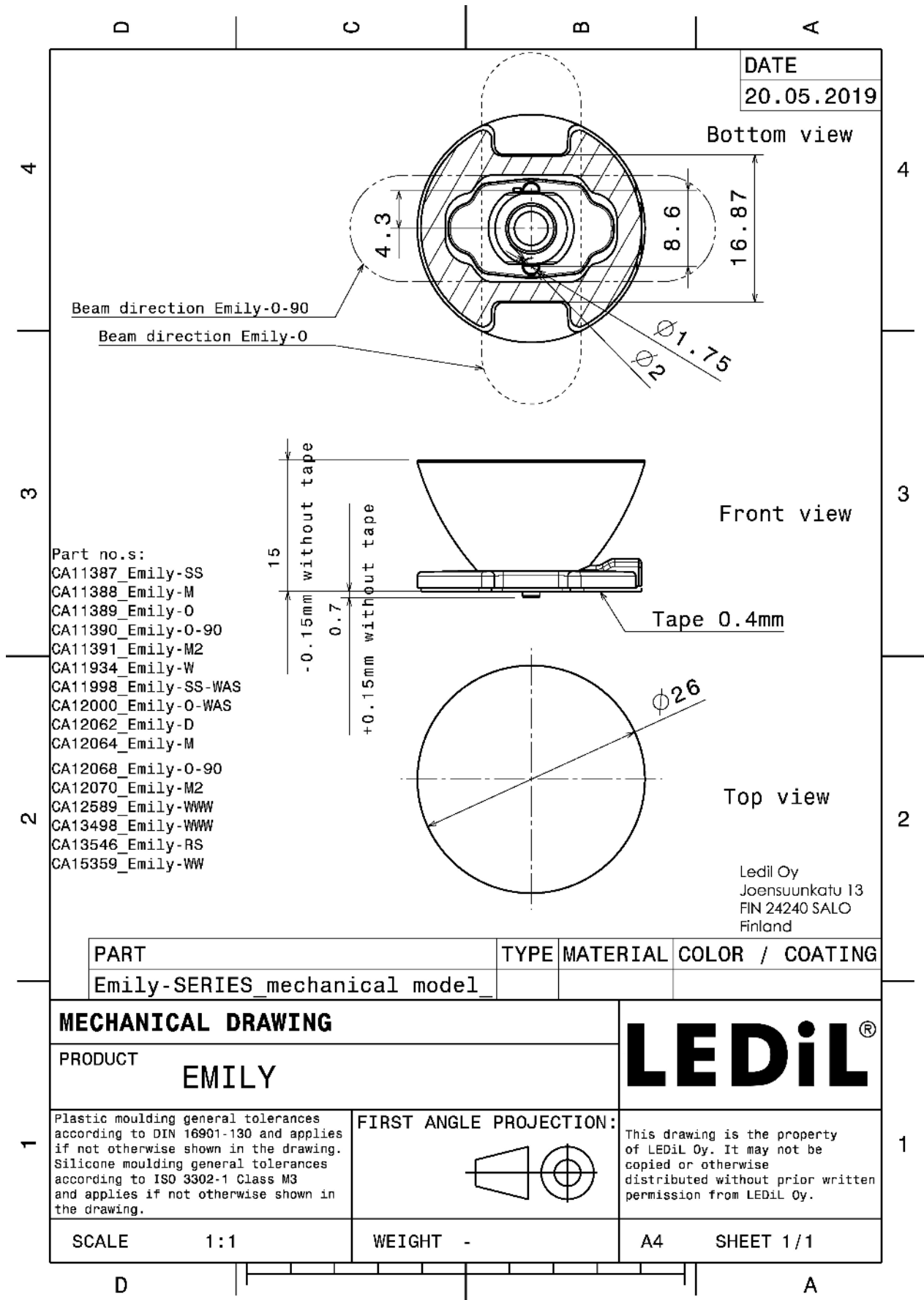
MATERIALS:

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

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA11389_EMILY-O | Single lens | 1690 | 260 | 130 | 10.3 |
| » Box size: 480 x 280 x 300 mm | | | | | |





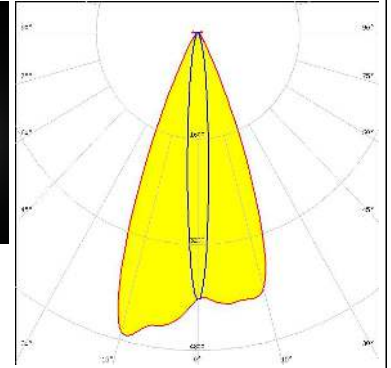
| | | |
|--|-----------------------------|---|
| MECHANICAL DRAWING | | LEDiL® |
| PRODUCT EMILY | | |
| Plastic moulding general tolerances according to DIN 16901-130 and applies if not otherwise shown in the drawing. Silicone moulding general tolerances according to ISO 3302-1 Class M3 and applies if not otherwise shown in the drawing. | FIRST ANGLE PROJECTION: | This drawing is the property of LEDiL Oy. It may not be copied or otherwise distributed without prior written permission from LEDiL Oy. |
| SCALE 1:1 | WEIGHT - | A4 SHEET 1/1 |

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

OPTICAL RESULTS (MEASURED):

CREE → LED

LED XD16
 FWHM / FWTM 43.0 + 9.0° / 60.0 + 27.0°
 Efficiency 92 %
 Peak intensity 4.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

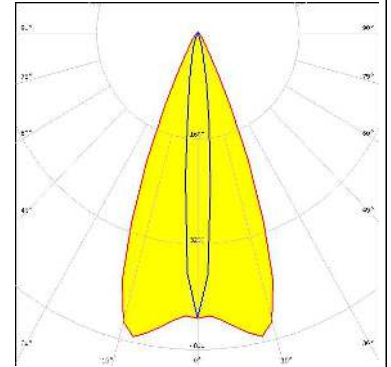


CREE → LED

LED XP-E
 FWHM / FWTM 44.0 + 9.0°
 Efficiency 92 %
 LEDs/each optic 1
 Light colour White
 Required components:

CREE → LED

LED XP-G
 FWHM / FWTM 44.0 + 10.0° / 58.0 + 24.0°
 Efficiency 92 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



NICHIA

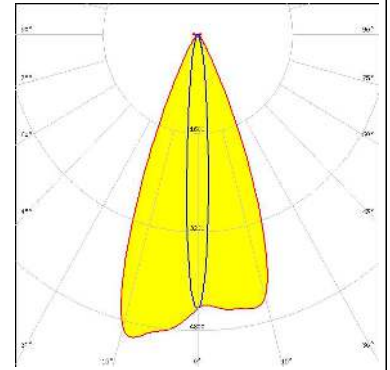
LED NVSxx19A
 FWHM / FWTM 45.0 + 13.0° / 62.0 + 28.0°
 Efficiency 87 %
 Peak intensity 3.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (MEASURED):

OSRAM

Opto Semiconductors

LED OSLON Square EC
 FWHM / FWTM 43.0 + 9.0° / 60.0 + 25.0°
 Efficiency 93 %
 Peak intensity 5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OSRAM

Opto Semiconductors

LED OSLON SSL 80
 FWHM / FWTM 44.0 + 10.0°
 Efficiency 85 %
 LEDs/each optic 1
 Light colour White
 Required components:

SECOIL

SECOIL SEMICONDUCTOR

LED Z5
 FWHM / FWTM 44.0 + 10.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

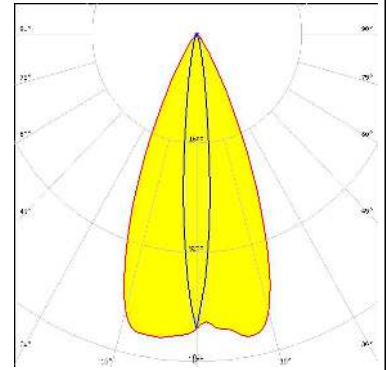
SHARP

LED Double Dome (GM2BB)
 FWHM / FWTM 44.0 + 10.0°
 Efficiency %
 LEDs/each optic 1
 Light colour White
 Required components:

OPTICAL RESULTS (SIMULATED):

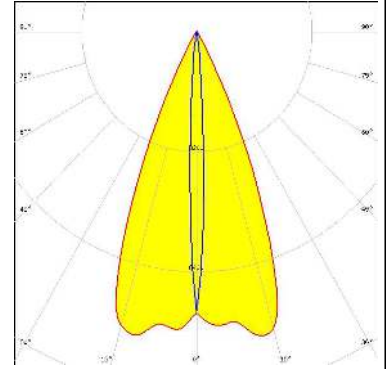
CREE LED

LED XP-G3
 FWHM / FWTM 46.0 + 10.0° / 64.0 + 24.0°
 Efficiency 91 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



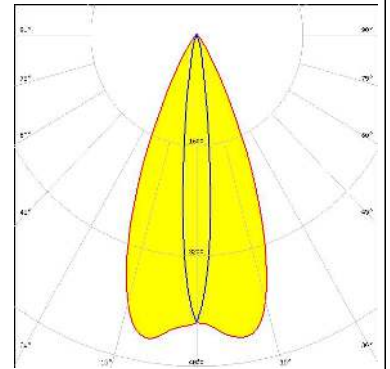
CREE LED

LED XQ-E HI
 FWHM / FWTM 45.0 + 7.0° / 58.0 + 15.0°
 Efficiency 94 %
 Peak intensity 8.3 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



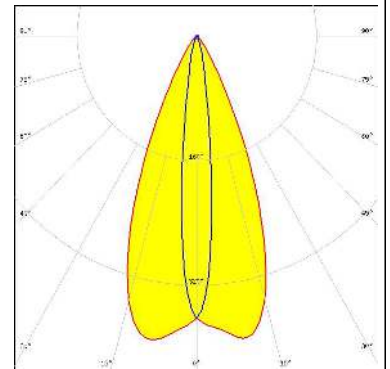
NICHIA

LED NVSW319B
 FWHM / FWTM 46.0 + 12.0° / 66.0 + 24.0°
 Efficiency 92 %
 Peak intensity 4.5 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:

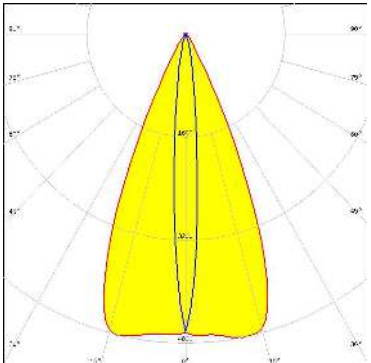
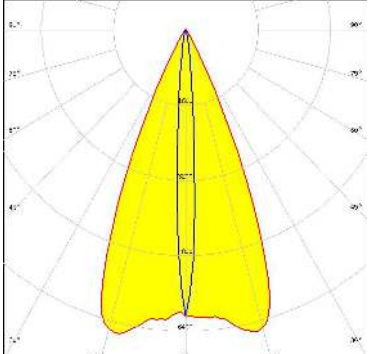
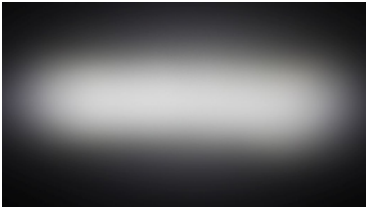
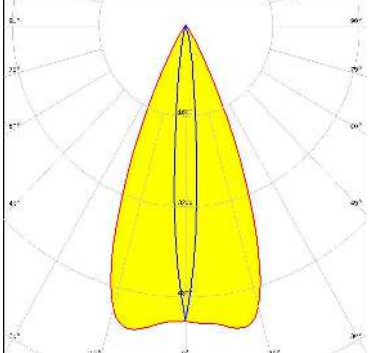
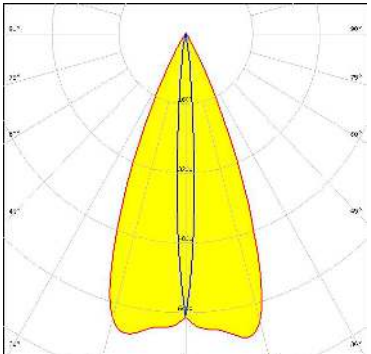


NICHIA

LED NVSW519A
 FWHM / FWTM 46.0 + 12.0° / 66.0 + 27.0°
 Efficiency 90 %
 Peak intensity 3.9 cd/lm
 LEDs/each optic 1
 Light colour White
 Required components:



OPTICAL RESULTS (SIMULATED):

| | |
|--|--|
| <p>NICHIA</p> <p>LED NVSxE21A FWHM / FWTM 48.0 + 10.0° / 62.0 + 24.0° Efficiency 91 % Peak intensity 4.8 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSCONIQ P 3030 FWHM / FWTM 46.0 + 6.6° / 60.0 + 18.0° Efficiency 93 % Peak intensity 6.6 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSOLON Square CSSRM2/CSSRM3 FWHM / FWTM 45.0 + 9.0° / 62.0 + 21.0° Efficiency 94 % Peak intensity 5.5 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |   |
| <p>OSRAM Opto Semiconductors</p> <p>LED OSOLON SSL 150 FWHM / FWTM 44.0 + 8.0° / 60.0 + 16.0° Efficiency 94 % Peak intensity 7.1 cd/lm LEDs/each optic 1 Light colour White Required components:</p> |  |

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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