

EMILY-O-90

~10° x 45° oval beam. 14.97 mm high lens.
Variant with beam direction rotated 90°.

TECHNICAL SPECIFICATIONS:

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

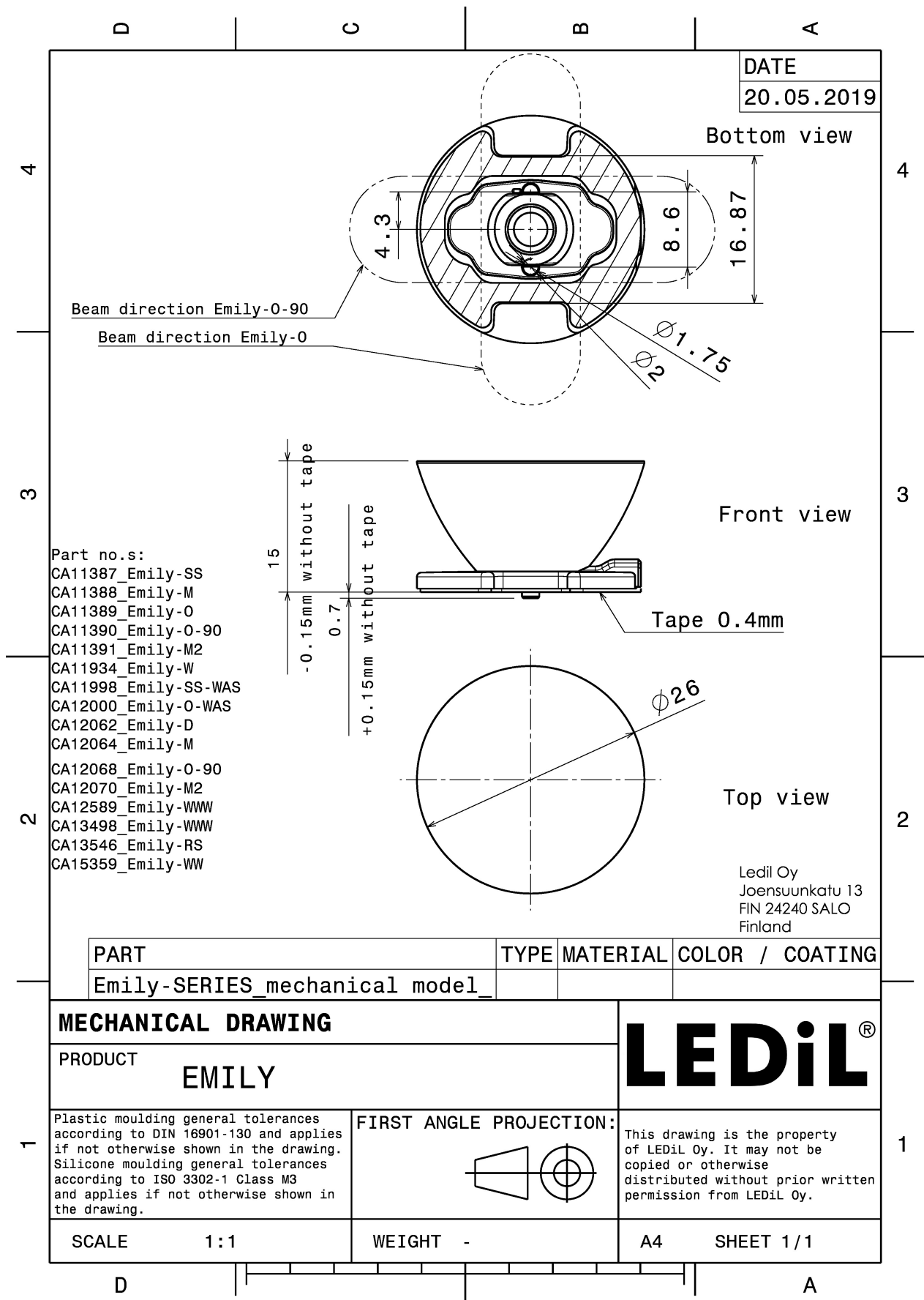
MATERIAL SPECIFICATIONS:

| Component | Type | Material | Colour | Finish |
|--------------|-------------|----------|--------|--------|
| EMILY-O-90 | Single lens | PMMA | | |
| SPUTNIK-TAPE | Tape | PU tape | | |

ORDERING INFORMATION:

| Component | | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA12068_EMILY-O-90 | Single lens | 1690 | 260 | 130 | 10.5 |
| » Box size: 480 x 280 x 300 mm | | | | | |





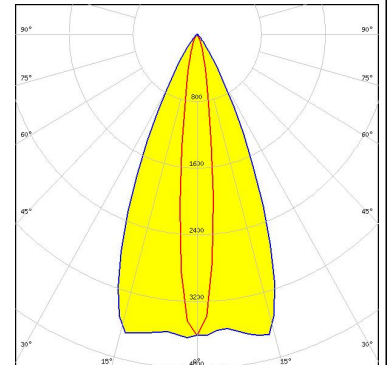
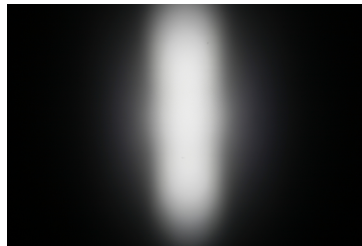
PHOTOMETRIC DATA (MEASURED):

CREE 

LED XM-L
FWHM 47.0 + 13.0°
Efficiency 90 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

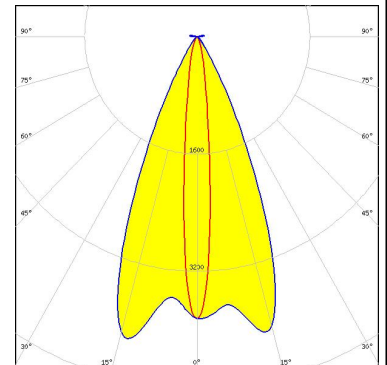
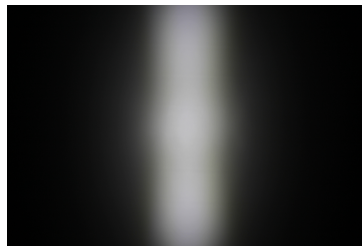
CREE 

LED XM-L2
FWHM 14.0 + 48.0°
Efficiency 87 %
Peak intensity 3.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



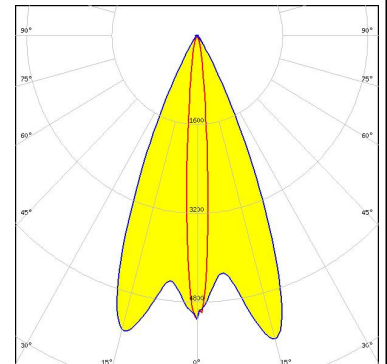
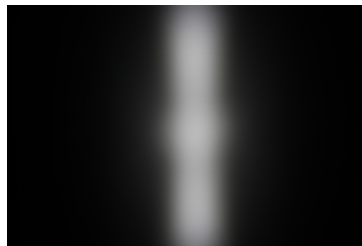
CREE 

LED XP-G3
FWHM 11.0 + 48.0°
Efficiency 92 %
Peak intensity 4.200 cd/lm
LEDs/each optic 1
Light colour White
Required components:



CREE 

LED XP-L HI
FWHM 9.0 + 48.0°
Efficiency 87 %
Peak intensity 5.700 cd/lm
LEDs/each optic 1
Light colour White
Required components:



PHOTOMETRIC DATA (MEASURED):

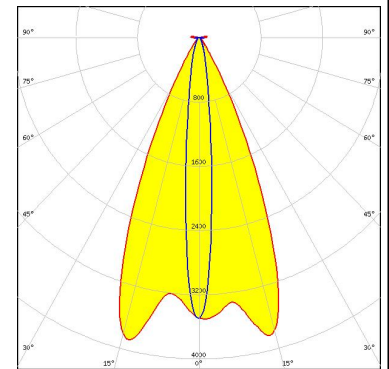
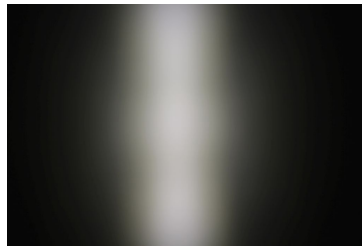


LED LUXEON Rebel ES
FWHM 44.0 + 10.0°
Efficiency 90 %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 11.0 + 48.0°
Efficiency 92 %
Peak intensity 3.900 cd/lm
LEDs/each optic 1
Light colour White
Required components:



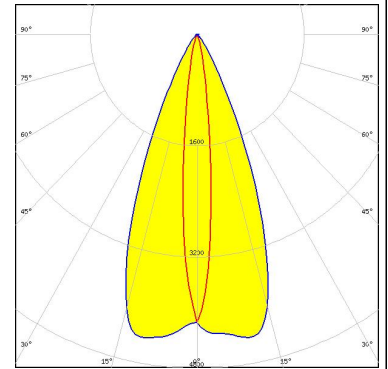
PHOTOMETRIC DATA (SIMULATED):

CREE 

LED XM-L HVW
FWHM 48.0 + 12.0°
Efficiency %
Peak intensity cd/lm
LEDs/each optic 1
Light colour White
Required components:

CREE 

LED XP-G2 HE
FWHM 12.0 + 44.0°
Efficiency 92 %
Peak intensity 4.433 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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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