

EMILY-O

~45° x 10° oval beam. 14.96 mm high lens.

SPECIFICATION:

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

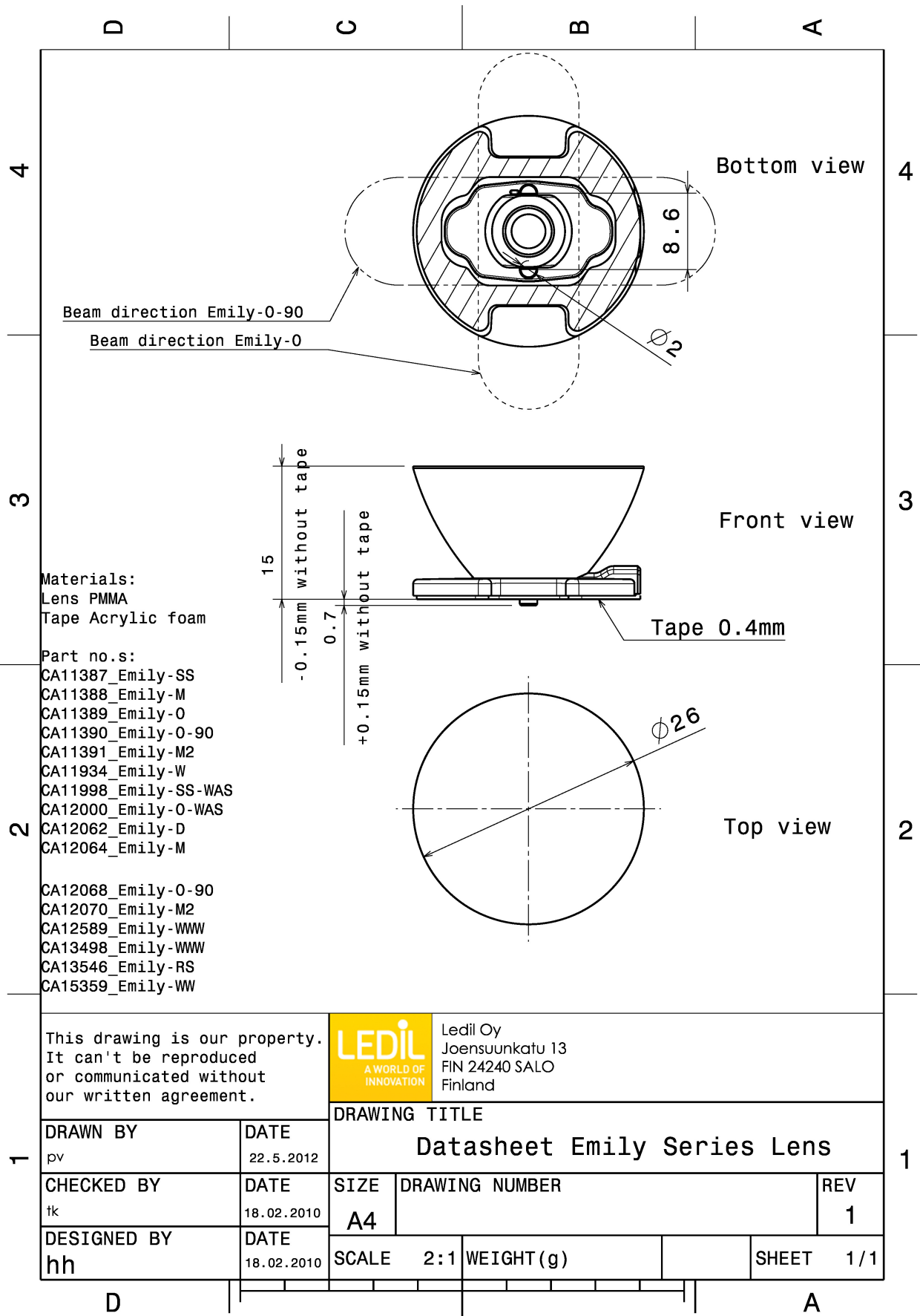


MATERIALS:

Component	Type	Material	Colour	Finish	Length
EMILY-O	Single lens	PMMA	clear		26.0
SPUTNIK-TAPE	Tape	Acrylic foam	black		25.0

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12066_EMILY-O	Single lens	1690	260	130	10.7
» Box size: 480 x 280 x 300 mm					

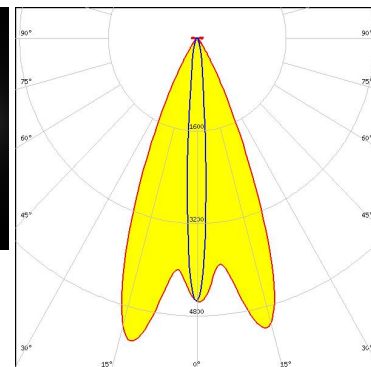
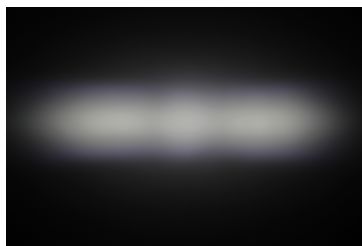


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



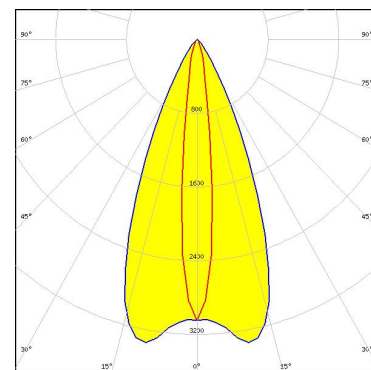
LED XD16
FWHM / FWTM 47.0 + 8.0° / 65.0 + 23.0°
Efficiency 91 %
Peak intensity 5.4 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



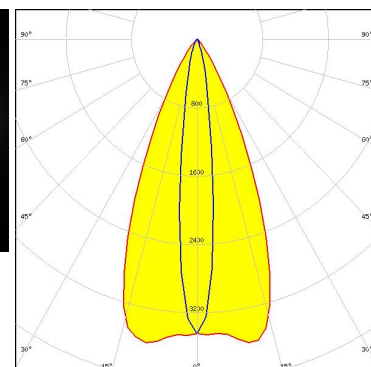
LED XM-L
FWHM / FWTM 47.0 + 13.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XM-L2
FWHM / FWTM 47.0 + 14.0° / 71.0 + 32.0°
Efficiency 86 %
Peak intensity 3.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

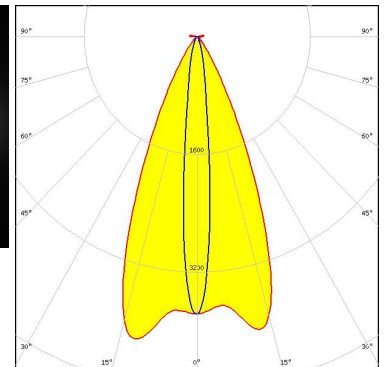
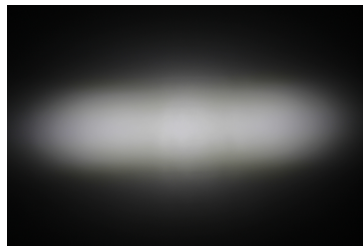


Light distribution files

OPTICAL RESULTS (MEASURED):



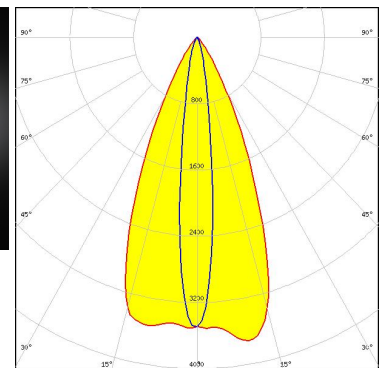
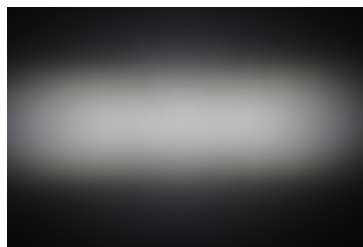
LED XP-G3
 FWHM / FWTM 47.0 + 11.0° / 69.0 + 29.0°
 Efficiency 93 %
 Peak intensity 4.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



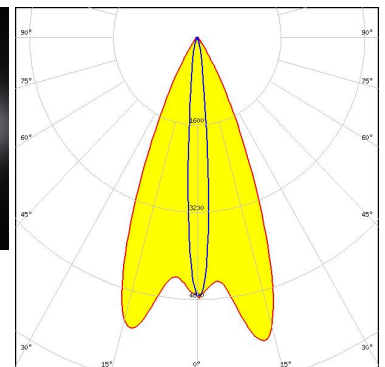
LED XP-L HD
 FWHM / FWTM 46.0 + 14.0° / 70.0 + 31.0°
 Efficiency 86 %
 Peak intensity 3.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED XP-L HI
 FWHM / FWTM 48.0 + 9.0° / 66.0 + 22.0°
 Efficiency 86 %
 Peak intensity 5.7 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files

OPTICAL RESULTS (MEASURED):



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

[Light distribution files](#)

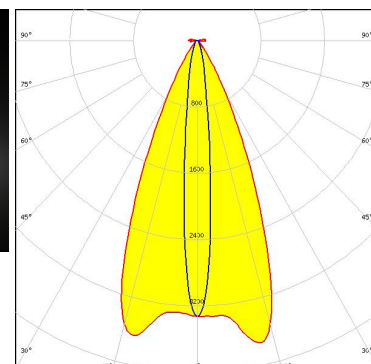
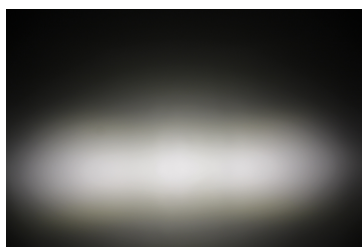


LED LUXEON Rebel ES
FWHM / FWTM 44.0 + 10.0°
Efficiency 90 %
LEDs/each optic 1
Light colour/type White
Required components:

[Light distribution files](#)



LED Z8Y22P
FWHM / FWTM 47.0 + 11.0° / 69.0 + 31.0°
Efficiency 92 %
Peak intensity 3.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



[Light distribution files](#)

OPTICAL RESULTS (SIMULATED):

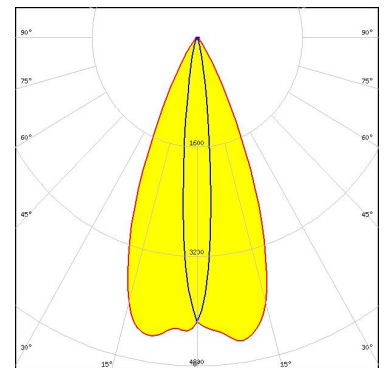


LED XM-L HVW
FWHM / FWTM 12.0 + 48.0°
Efficiency %
LEDs/each optic 1
Light colour/type White
Required components:

Light distribution files



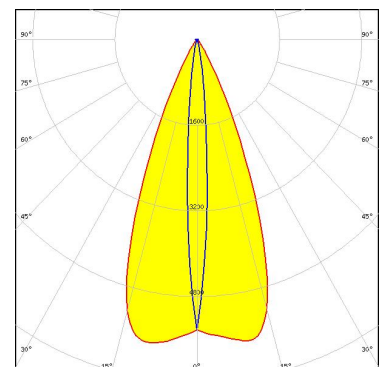
LED XP-G2 HE
FWHM / FWTM 44.0 + 12.0° / 66.0 + 26.0°
Efficiency 92 %
Peak intensity 4.5 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED LUXEON C
FWHM / FWTM 44.0 + 8.0° / 61.0 + 20.0°
Efficiency 92 %
Peak intensity 5.7 cd/lm
LEDs/each optic 1
Light colour/type Deep Red
Required components:

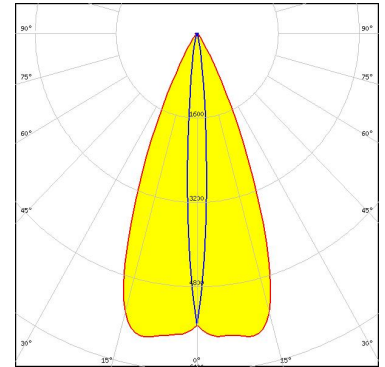


Light distribution files

OPTICAL RESULTS (SIMULATED):



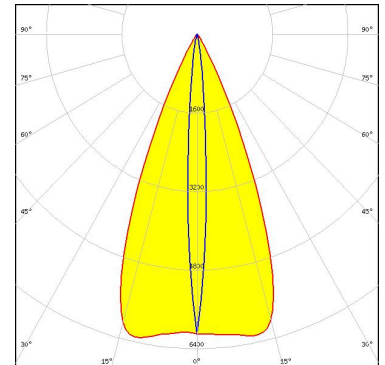
LED LUXEON C
 FWHM / FWTM 44.0 + 8.0° / 62.0 + 19.0°
 Efficiency 93 %
 Peak intensity 5.8 cd/lm
 LEDs/each optic 1
 Light colour/type Blue
 Required components:



Light distribution files



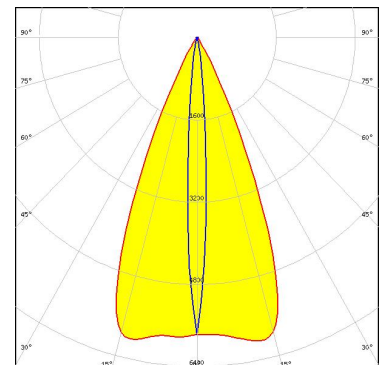
LED LUXEON Rebel
 FWHM / FWTM 44.0 + 8.0° / 60.0 + 18.0°
 Efficiency 94 %
 Peak intensity 6.3 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:



Light distribution files



LED NCSxE17A
 FWHM / FWTM 46.0 + 8.0° / 60.0 + 18.0°
 Efficiency 92 %
 Peak intensity 6 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

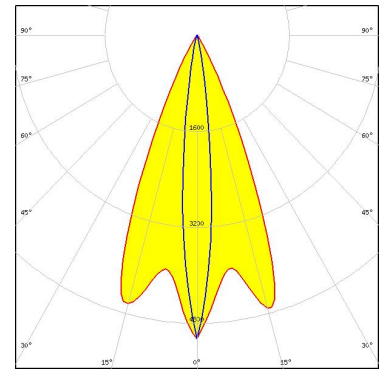


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

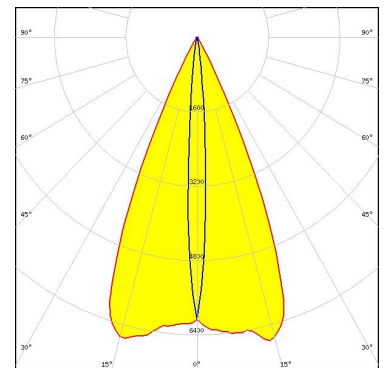
LED OSLON Black
FWHM / FWTM 11.0 + 44.0° / 21.0 + 59.0°
Efficiency %
Peak intensity 5.1 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

OSRAM
Opto Semiconductors

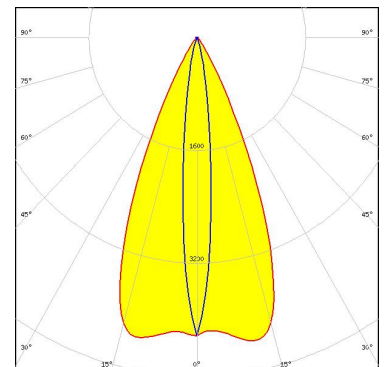
LED OSLON Black Flat (LUW HWQP)
FWHM / FWTM 47.0 + 9.0° / 59.0 + 18.0°
Efficiency 94 %
Peak intensity 6.7 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files

SEKUL
SEOUL SEMICONDUCTOR

LED Z5M4
FWHM / FWTM 46.0 + 12.0° / 64.0 + 26.0°
Efficiency 93 %
Peak intensity 4.4 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:

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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LEDiL Oy

Joensuunkatu 13
FI-24240 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

[www.ledil.com/
where_to_buy](http://www.ledil.com/where_to_buy)

Shipping locations

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Hong Kong, China

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