

## EMILY-W

~40° wide beam 14.74 mm high lens.

## SPECIFICATION:

Dimensions	Ø 26.0
Height	14.7 mm
Fastening	tape, pin
ROHS compliant	yes ⓘ

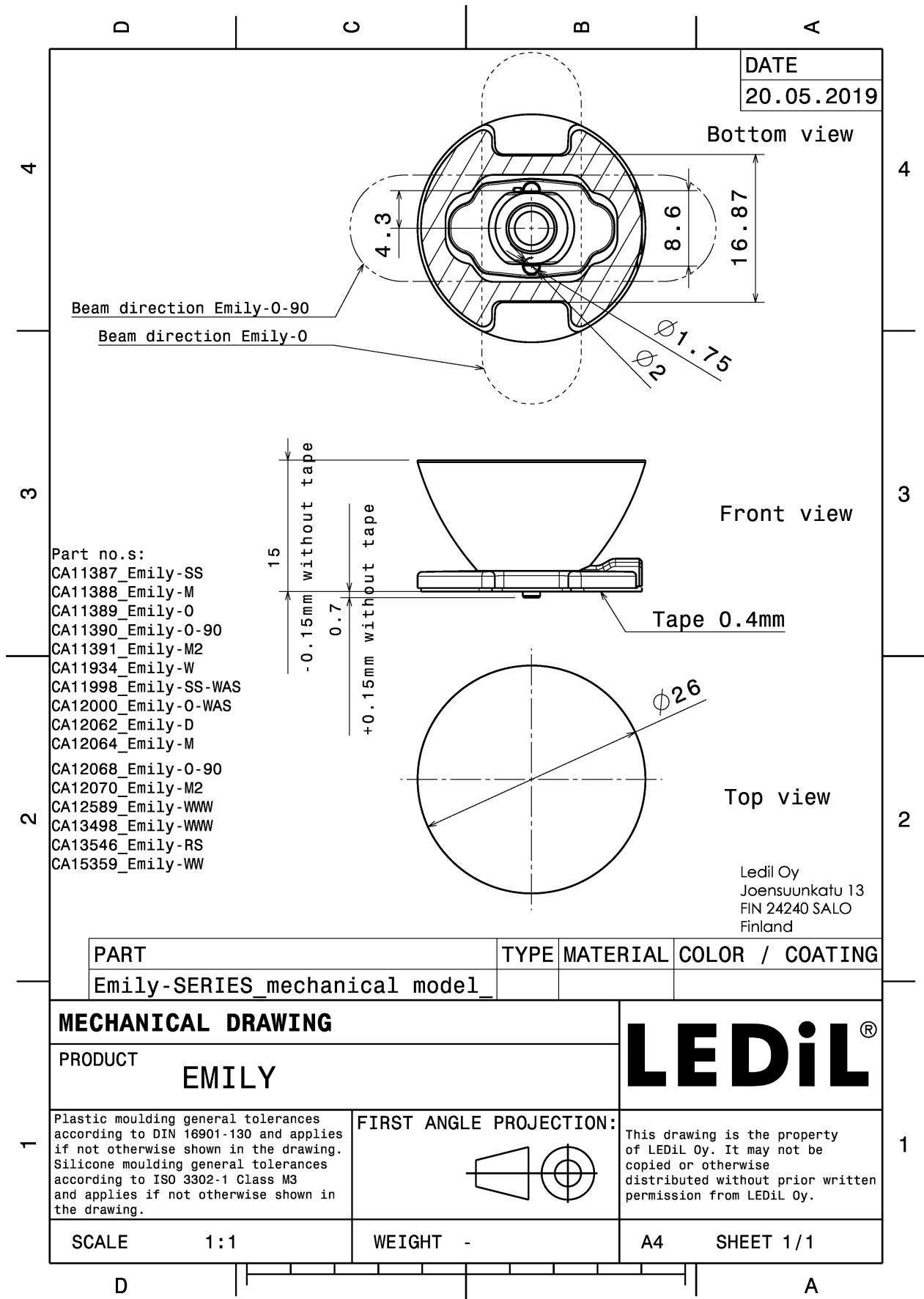


## MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
EMILY-W	Single lens	PMMA	clear		
SPUTNIK-TAPE	Tape	Acryl tape	black		

## ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11934_EMILY-W	Single lens	1690	260	130	11.8
» Box size: 480 x 280 x 300 mm					

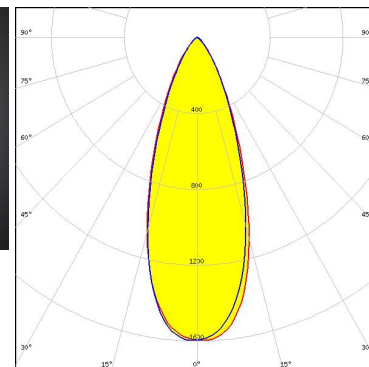
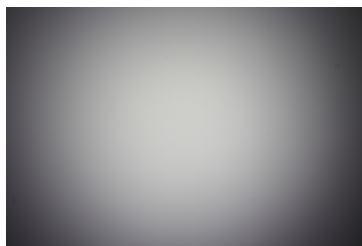


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



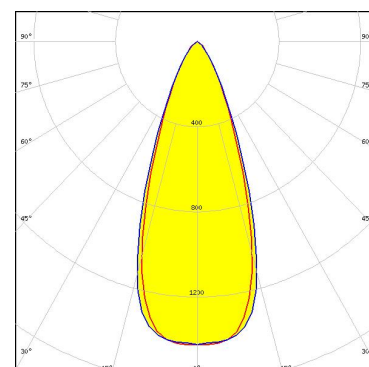
LED XHP35 HD  
FWHM / FWTM 39.0° / 72.0°  
Efficiency 83 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



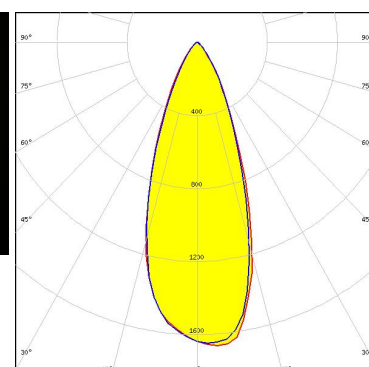
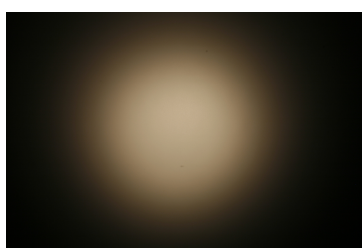
LED XM-L  
FWHM / FWTM 36.0°  
Efficiency 86 %  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XM-L2  
FWHM / FWTM 39.0° / 72.0°  
Efficiency 86 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

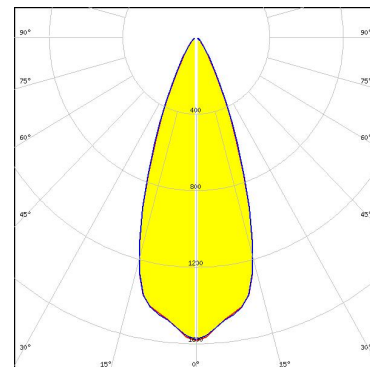


Light distribution files

#### OPTICAL RESULTS (MEASURED):



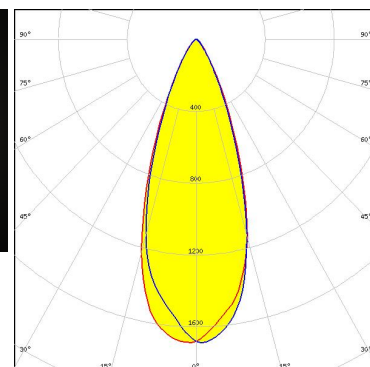
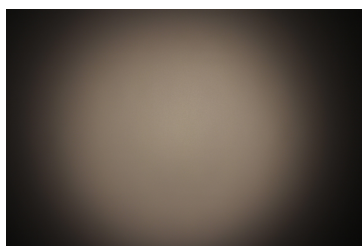
LED XP-E  
FWHM / FWTM 39.0° / 64.0°  
Efficiency 86 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



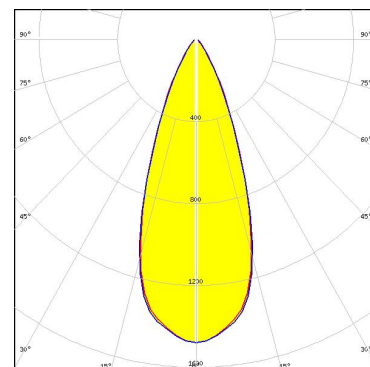
LED XP-E2  
FWHM / FWTM 39.0° / 67.0°  
Efficiency 84 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XP-G  
FWHM / FWTM 40.0° / 68.0°  
Efficiency 86 %  
Peak intensity 1.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



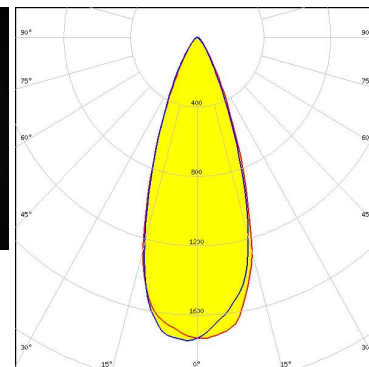
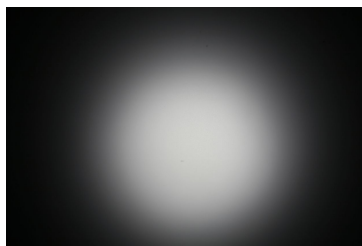
Light distribution files



#### OPTICAL RESULTS (MEASURED):



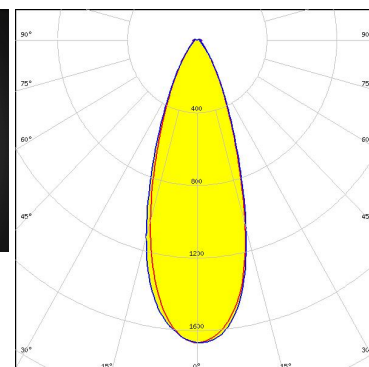
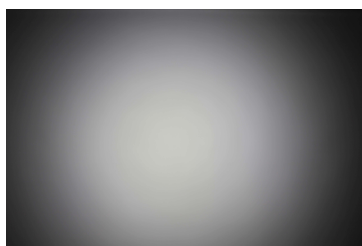
LED XP-G2  
 FWHM / FWTM 38.0° / 66.0°  
 Efficiency 84 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



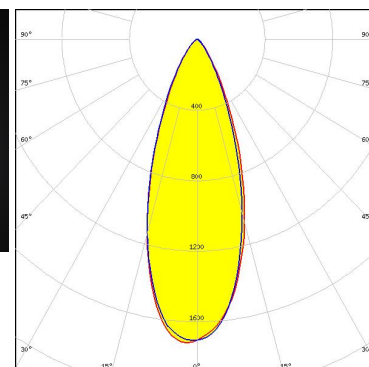
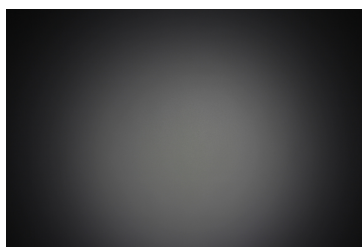
LED XP-G3  
 FWHM / FWTM 36.0° / 70.0°  
 Efficiency 92 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-L HD  
 FWHM / FWTM 38.0° / 71.0°  
 Efficiency 87 %  
 Peak intensity 1.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

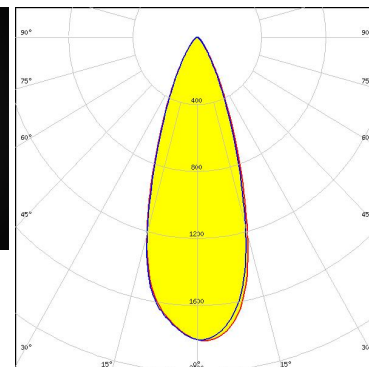
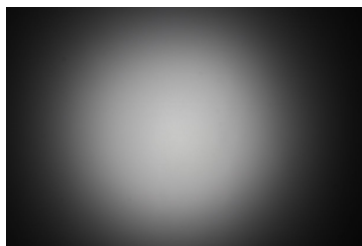


Light distribution files

### OPTICAL RESULTS (MEASURED):



LED XP-L HI  
 FWHM / FWTM 36.0° / 65.0°  
 Efficiency 86 %  
 Peak intensity 1.8 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XT-E  
 FWHM / FWTM 36.0°  
 Efficiency %  
 Peak intensity 1.5 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



LED LUXEON A  
 FWHM / FWTM 40.0°  
 Efficiency 84 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

## OPTICAL RESULTS (MEASURED):



LED	LUXEON Rebel
FWHM / FWTM	40.0°
Efficiency	86 %
LEDs/each optic	1
Light colour/type	White
Required components:	



LED	LUXEON Rebel ES
FWHM / FWTM	40.0°
Efficiency	88 %
LEDs/each optic	1
Light colour/type	White
Required components:	

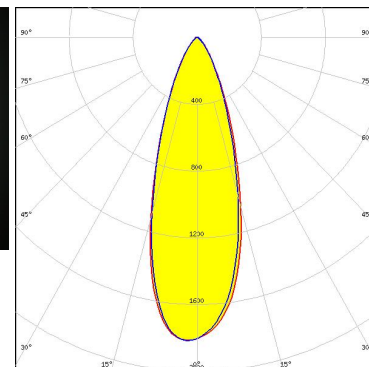
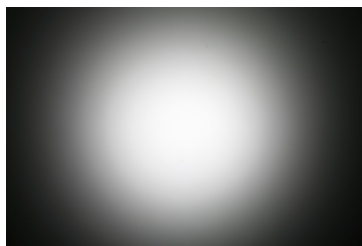


LED	NCSxx19A
FWHM / FWTM	40.0°
Efficiency	86 %
LEDs/each optic	1
Light colour/type	White
Required components:	

### OPTICAL RESULTS (MEASURED):



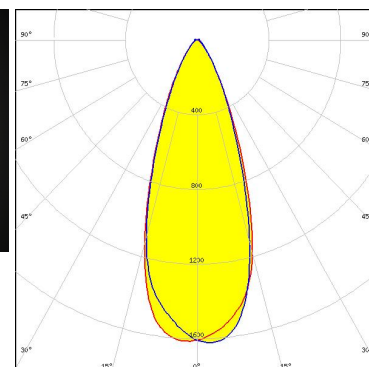
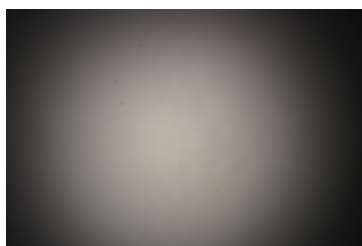
LED NS9x383  
FWHM / FWTM 34.0° / 67.0°  
Efficiency 84 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NVSW219F  
FWHM / FWTM 38.0° / 69.0°  
Efficiency 91 %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

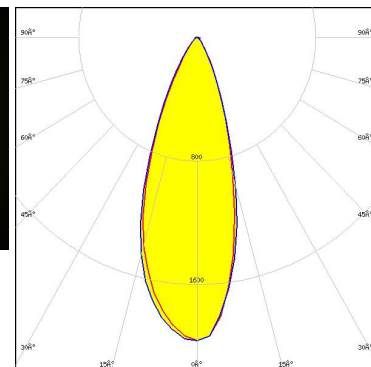
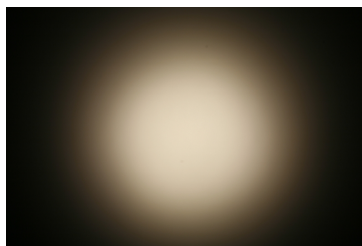


LED NVSxx19A  
FWHM / FWTM 40.0°  
Efficiency 86 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

### OPTICAL RESULTS (MEASURED):

**OSRAM**  
Opto Semiconductors

LED OSLON Square EC  
FWHM / FWTM 38.0° / 68.0°  
Efficiency 84 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



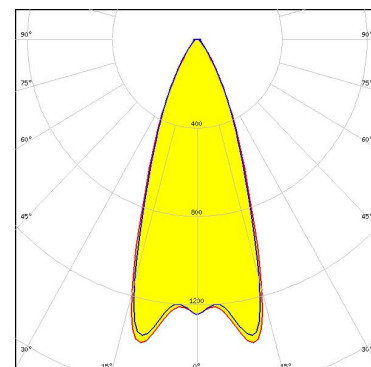
Light distribution files

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 150  
FWHM / FWTM 40.0°  
Efficiency 86 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 40.0° / 70.0°  
Efficiency 86 %  
Peak intensity 1.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

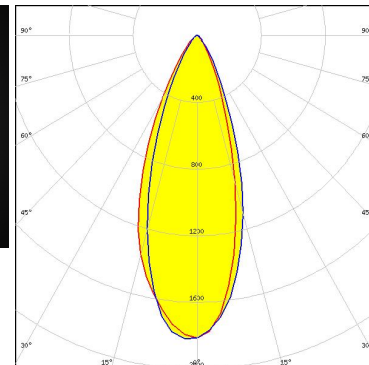
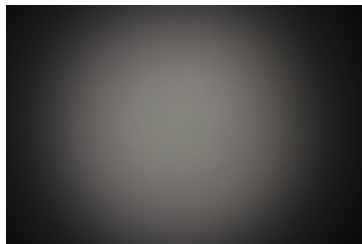


Light distribution files

### OPTICAL RESULTS (MEASURED):

#### SAMSUNG

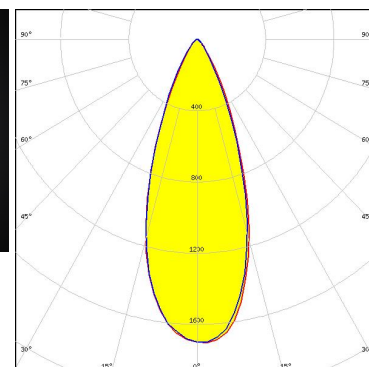
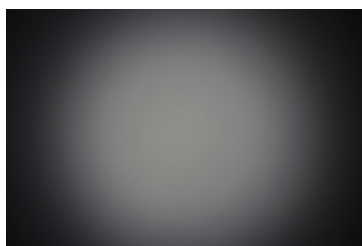
LED LH351B  
FWHM / FWTM 38.0° / 68.0°  
Efficiency 88 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

#### SAMSUNG

LED LH351Z  
FWHM / FWTM 39.0° / 68.0°  
Efficiency 85 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

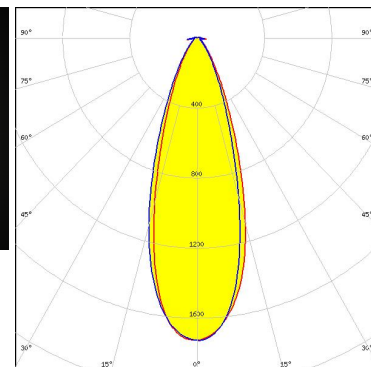
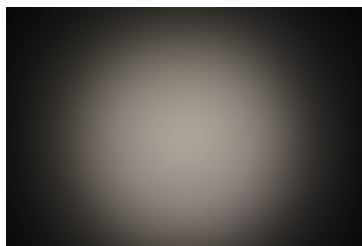


LED Z5  
FWHM / FWTM 40.0°  
Efficiency 86 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

## OPTICAL RESULTS (MEASURED):



LED Z8Y22P  
FWHM / FWTM 34.0° / 67.0°  
Efficiency 89 %  
Peak intensity 1.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

## SHARP

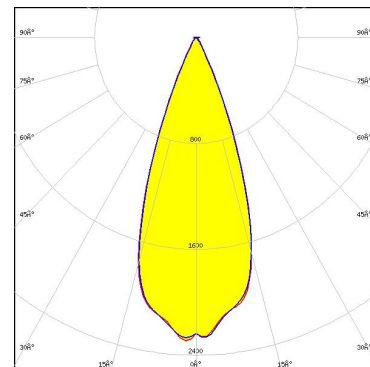
LED Double Dome (GM2BB)  
FWHM / FWTM 40.0°  
Efficiency 86 %  
LEDs/each optic 1  
Light colour/type White  
Required components:



### OPTICAL RESULTS (SIMULATED):



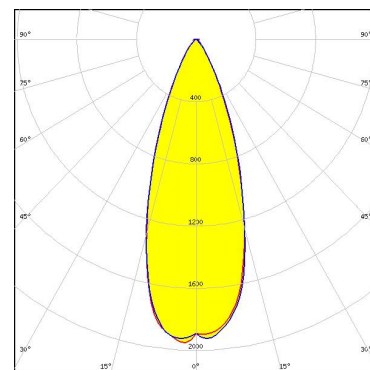
LED XE-G  
FWHM / FWTM 38.0° / 56.0°  
Efficiency 97 %  
Peak intensity 2.3 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XHP35.2 HD  
FWHM / FWTM 36.0° / 66.0°  
Efficiency 94 %  
Peak intensity 2 cd/Im  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

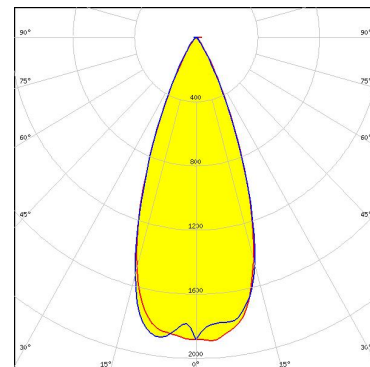


LED XM-L HVW  
FWHM / FWTM 36.0°  
Efficiency %  
LEDs/each optic 1  
Light colour/type White  
Required components:

### OPTICAL RESULTS (SIMULATED):



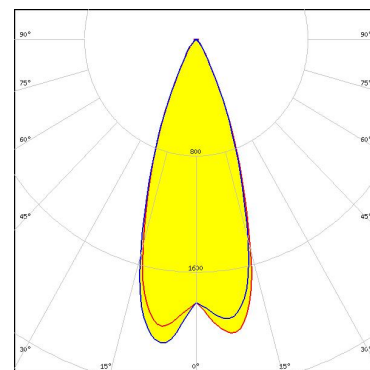
LED XP-G2 HE  
FWHM / FWTM 41.0° / 63.0°  
Efficiency 96 %  
Peak intensity 1.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



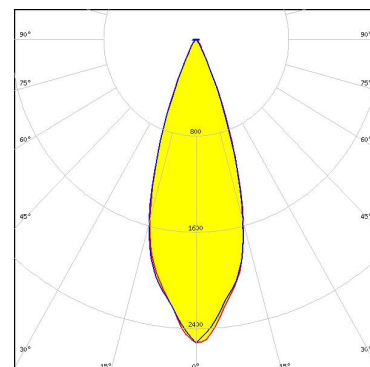
LED XP-L2  
FWHM / FWTM 38.0° / 60.0°  
Efficiency 95 %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON C  
FWHM / FWTM 35.0° / 54.0°  
Efficiency 93 %  
Peak intensity 2.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

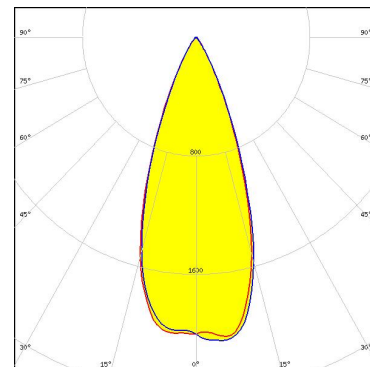


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



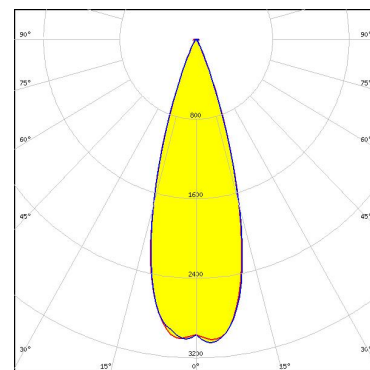
LED LUXEON HL2X  
 FWHM / FWTM 40.0° / 62.0°  
 Efficiency 97 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



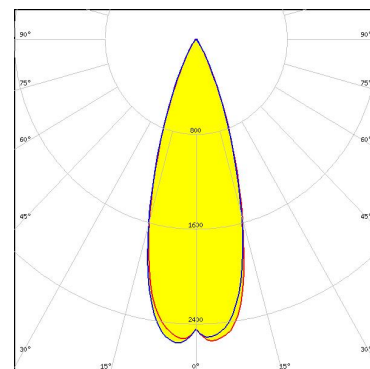
LED LUXEON HL2Z  
 FWHM / FWTM 32.0° / 50.0°  
 Efficiency 96 %  
 Peak intensity 3.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON MZ  
 FWHM / FWTM 34.0° / 56.0°  
 Efficiency 96 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

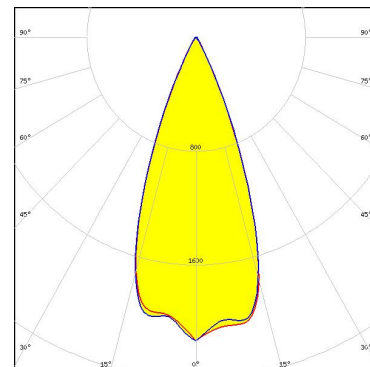


Light distribution files

#### OPTICAL RESULTS (SIMULATED):



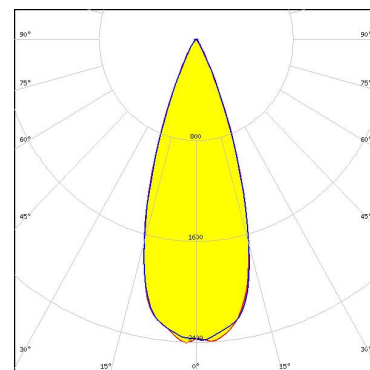
LED LUXEON SunPlus 20 Line (120 deg)  
 FWHM / FWTM 40.0° / 57.0°  
 Efficiency 97 %  
 Peak intensity 2.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



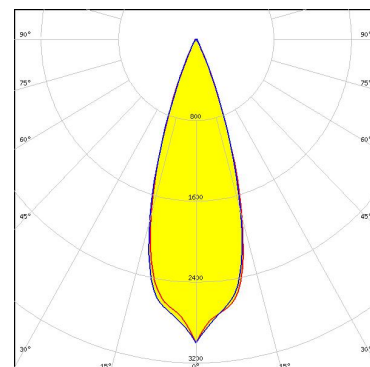
LED LUXEON TX  
 FWHM / FWTM 36.0° / 56.0°  
 Efficiency 97 %  
 Peak intensity 2.4 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED LUXEON Z ES  
 FWHM / FWTM 34.0° / 50.0°  
 Efficiency 97 %  
 Peak intensity 3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

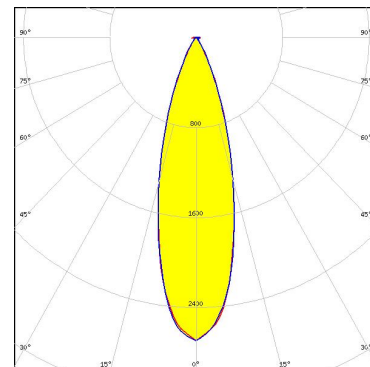


Light distribution files

### OPTICAL RESULTS (SIMULATED):



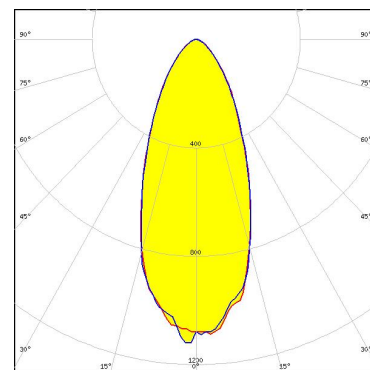
LED NCSxE17A  
FWHM / FWTM 30.0° / 56.0°  
Efficiency 90 %  
Peak intensity 2.7 cd/lm  
LEDs/each optic 4  
Light colour/type White  
Required components:



Light distribution files



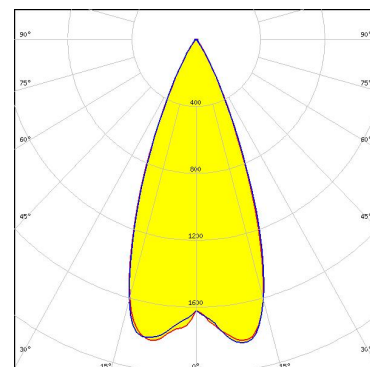
LED NCSxx19B  
FWHM / FWTM 45.0°  
Efficiency 86 %  
Peak intensity 1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NVSW219D  
FWHM / FWTM 43.0° / 62.0°  
Efficiency 96 %  
Peak intensity 1.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

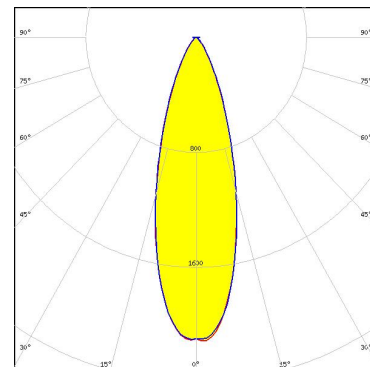


Light distribution files

### OPTICAL RESULTS (SIMULATED):



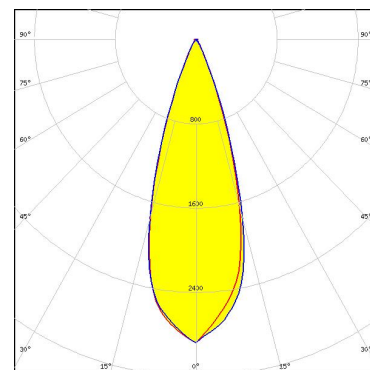
LED NVSxE21A  
FWHM / FWTM 32.0° / 63.0°  
Efficiency 88 %  
Peak intensity 2.1 cd/lm  
LEDs/each optic 4  
Light colour/type White  
Required components:



Light distribution files



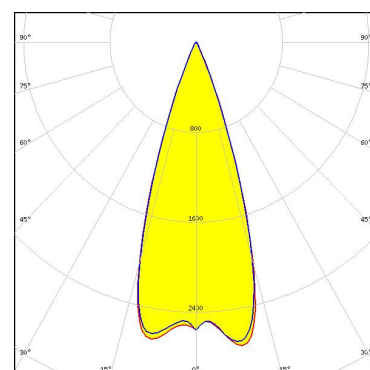
LED OSCONIQ P 3030  
FWHM / FWTM 33.0° / 52.0°  
Efficiency 97 %  
Peak intensity 2.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED OSLOM Black  
FWHM / FWTM 36.0° / 49.0°  
Efficiency 94 %  
Peak intensity 2.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

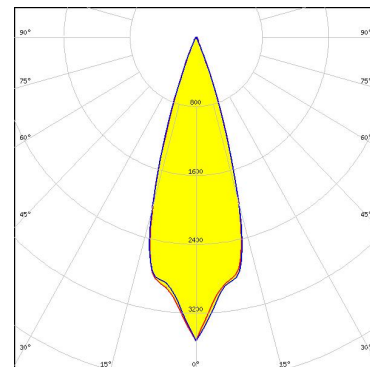


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

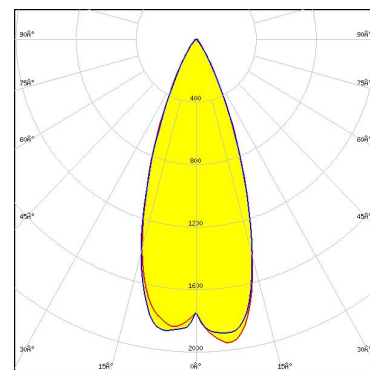
LED OSLON Black Flat (LUW HWQP)  
FWHM / FWTM 32.0° / 45.0°  
Efficiency 94 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

LED LH351D  
FWHM / FWTM 40.0° / 63.0°  
Efficiency 95 %  
Peak intensity 2 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.

### 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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#### LEDiL Oy

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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

Poznan, Poland  
Hong Kong, China

#### Distribution Partners

[www.ledil.com/  
where\\_to\\_buy](http://www.ledil.com/where_to_buy)