

## CUTE-3-SS

~12° smooth spot beam with 1.5 mm high location pins

### SPECIFICATION:

Dimensions	Ø 35.0
Height	15 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

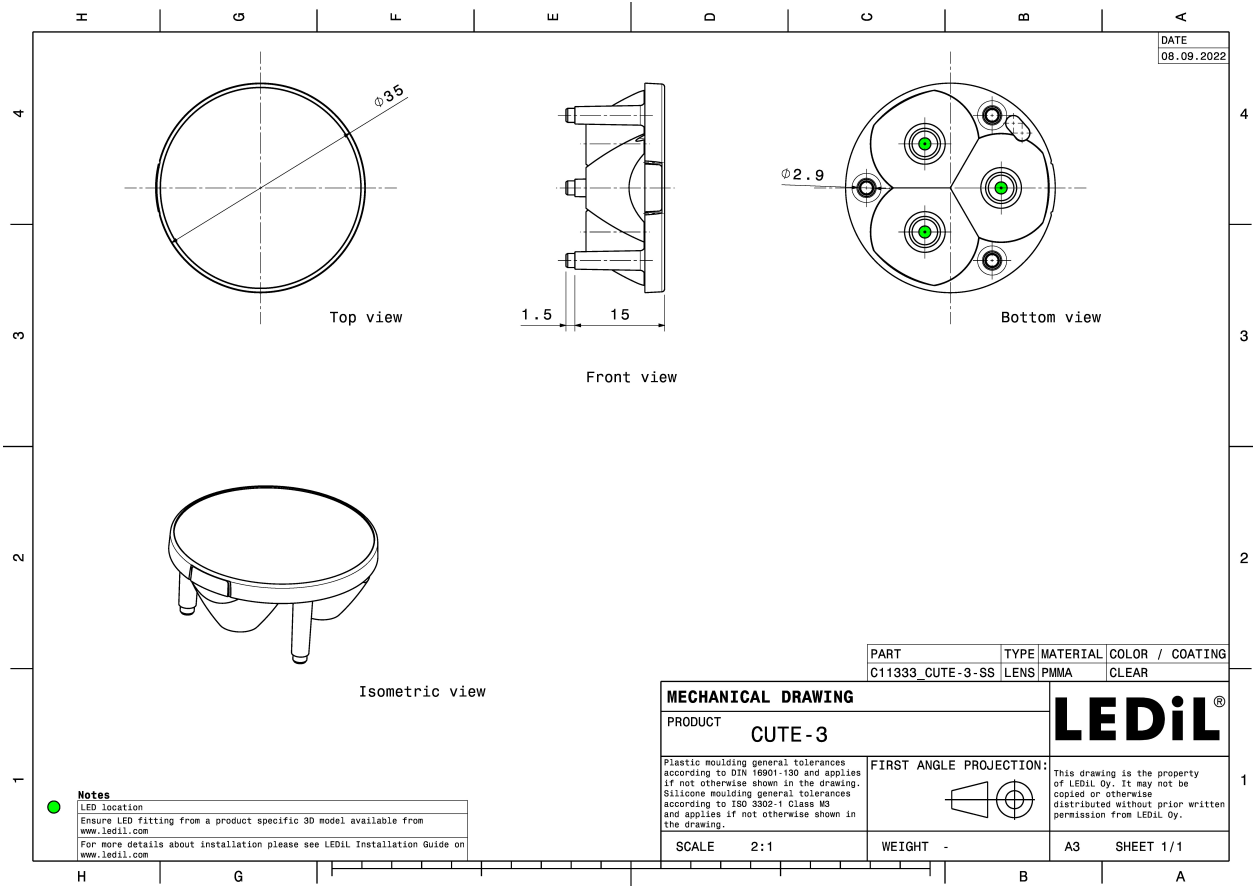


### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
CUTE-3-SS	Multi-lens	PMMA	clear		

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11333_CUTE-3-SS » Box size: 480 x 280 x 300 mm	630	90	45	6.6

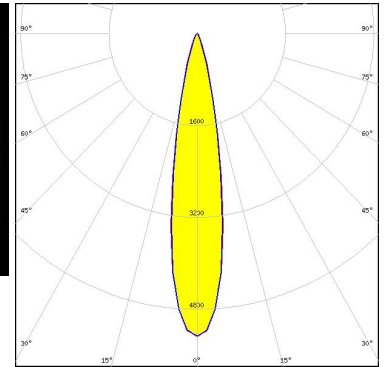
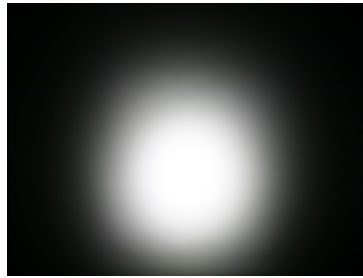


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



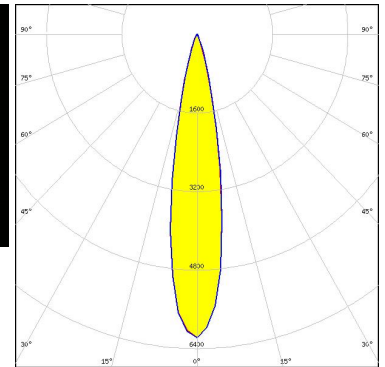
LED XM-L  
 FWHM / FWTM 19.0°  
 Efficiency 91 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



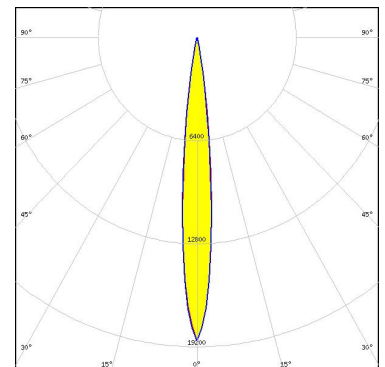
LED XM-L2  
 FWHM / FWTM 20.0° / 37.0°  
 Efficiency 90 %  
 Peak intensity 6.1 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-E  
 FWHM / FWTM 10.0°  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

### OPTICAL RESULTS (MEASURED):

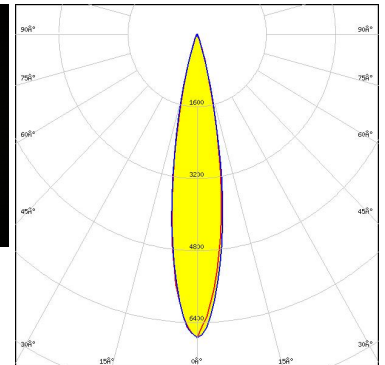
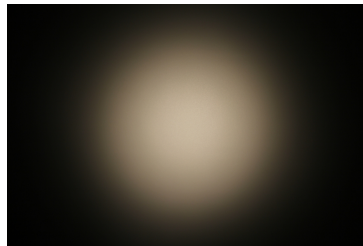


LED XP-G  
FWHM / FWTM 16.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



LED XP-L HD  
FWHM / FWTM 20.0° / 38.0°  
Efficiency 89 %  
Peak intensity 6.5 cd/m  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON Rebel  
FWHM / FWTM 12.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

### OPTICAL RESULTS (MEASURED):

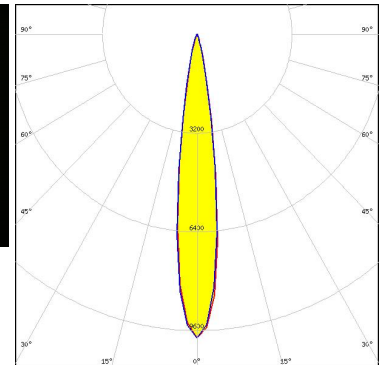


LED LUXEON Rebel ES  
FWHM / FWTM 13.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



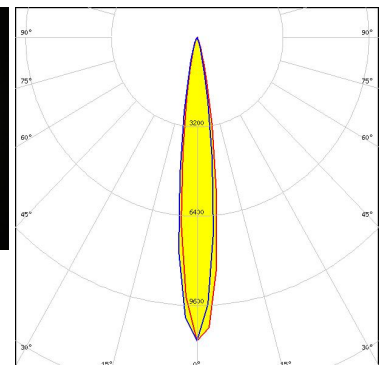
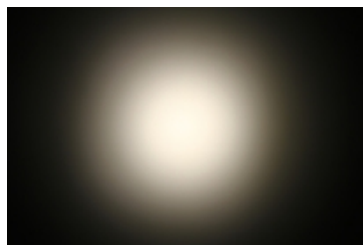
LED LUXEON T  
FWHM / FWTM 15.0° / 28.0°  
Efficiency 89 %  
Peak intensity 9.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED LUXEON TX  
FWHM / FWTM 14.0° / 28.0°  
Efficiency 89 %  
Peak intensity 10.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### OPTICAL RESULTS (MEASURED):

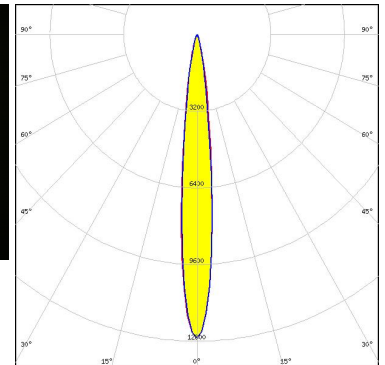


LED NCSxx19A  
FWHM / FWTM 12.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)



LED NCSxx19B  
FWHM / FWTM 12.0° / 26.0°  
Efficiency 86 %  
Peak intensity 12.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



[Light distribution files](#)



LED NVSxx19A  
FWHM / FWTM 14.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)

#### OPTICAL RESULTS (MEASURED):

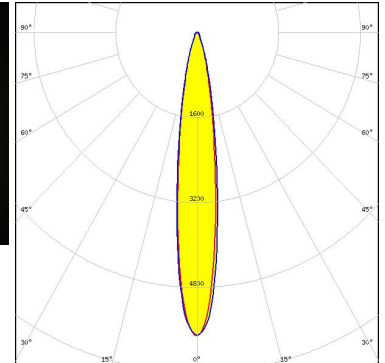
**OSRAM**  
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 10.0°  
Efficiency 90 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files

**TOSHIBA**  
Leading Innovation >>>

LED TL1L3  
FWHM / FWTM 15.0° / 36.0°  
Efficiency 88 %  
Peak intensity 5.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### OPTICAL RESULTS (SIMULATED):

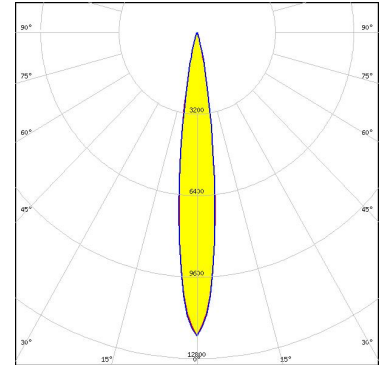


LED XM-L HVW  
FWHM / FWTM 19.0°  
Efficiency %  
LEDs/each optic 1  
Light colour/type White  
Required components:

[Light distribution files](#)



LED XP-G2  
FWHM / FWTM 14.0° / 26.0°  
Efficiency 92 %  
Peak intensity 11.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



[Light distribution files](#)



LED XT-E HVW  
FWHM / FWTM 15.0°  
Efficiency %  
LEDs/each optic 1  
Light colour/type White  
Required components:

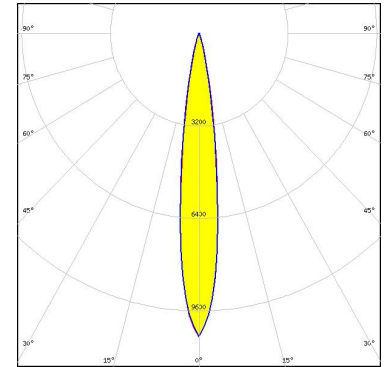
[Light distribution files](#)



### OPTICAL RESULTS (SIMULATED):



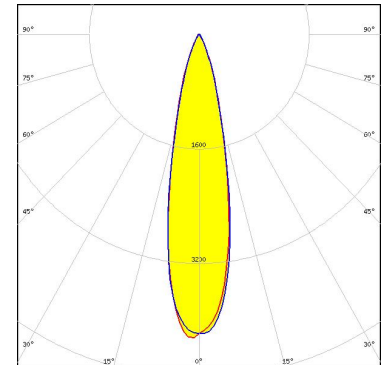
LED LUXEON H50-2  
FWHM / FWTM 14.0° / 28.0°  
Efficiency 90 %  
Peak intensity 10.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



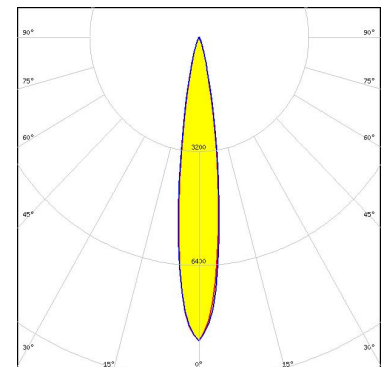
LED SST-70X-WCS  
FWHM / FWTM 23.0 + 24.0° / 46.0°  
Efficiency 96 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NVSxx19B/NVSxx19C  
FWHM / FWTM 16.0° / 30.0°  
Efficiency 91 %  
Peak intensity 8.3 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

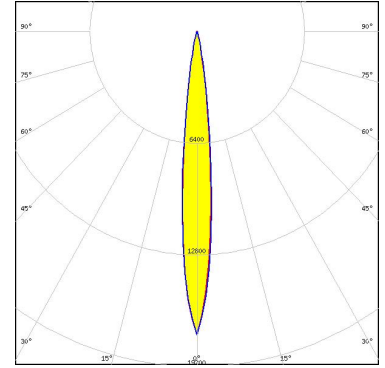


Light distribution files

### OPTICAL RESULTS (SIMULATED):

**OSRAM**  
Opto Semiconductors

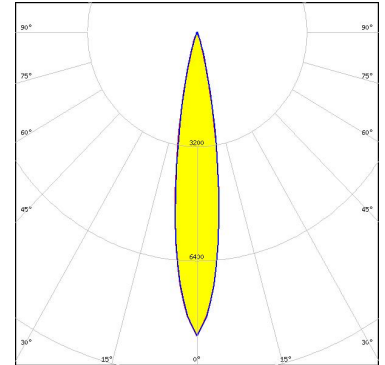
LED OSLON SSL 150  
FWHM / FWTM 12.0° / 22.0°  
Efficiency 95 %  
Peak intensity 17.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SAMSUNG**

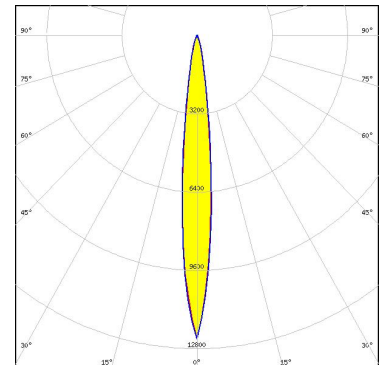
LED LH351C  
FWHM / FWTM 16.0° / 32.0°  
Efficiency 96 %  
Peak intensity 8.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

**SEMI**  
SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM / FWTM 12.0° / 25.0°  
Efficiency 94 %  
Peak intensity 12.4 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.

### 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.

LEDiL Oy assumes neither warranty, nor guarantee nor any other liability of any kind for the contents and correctness of the provided data. The provided data has been generated with highest diligence but the provided data may in reality not represent the complete possible variation range of all intrinsic parameters. Therefore, in certain cases a deviation from the provided data could occur.

LEDiL Oy reserves the right to undertake technical changes of its products without further notification which could lead to changes in the provided data. LEDiL Oy assumes no liability of any kind for the possible deviation from any provided data or any other damage resulting from the usage of the provided data.

The user agrees to this disclaimer and user agreement with the download or usage of the provided files.

#### LEDiL Oy

Joensuunkatu 7  
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

Poznan, Poland  
Hong Kong, China

#### Distribution Partners

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