

## CUTE-3-M

~25° medium beam with 3 mm high location pins

### TECHNICAL SPECIFICATIONS:

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

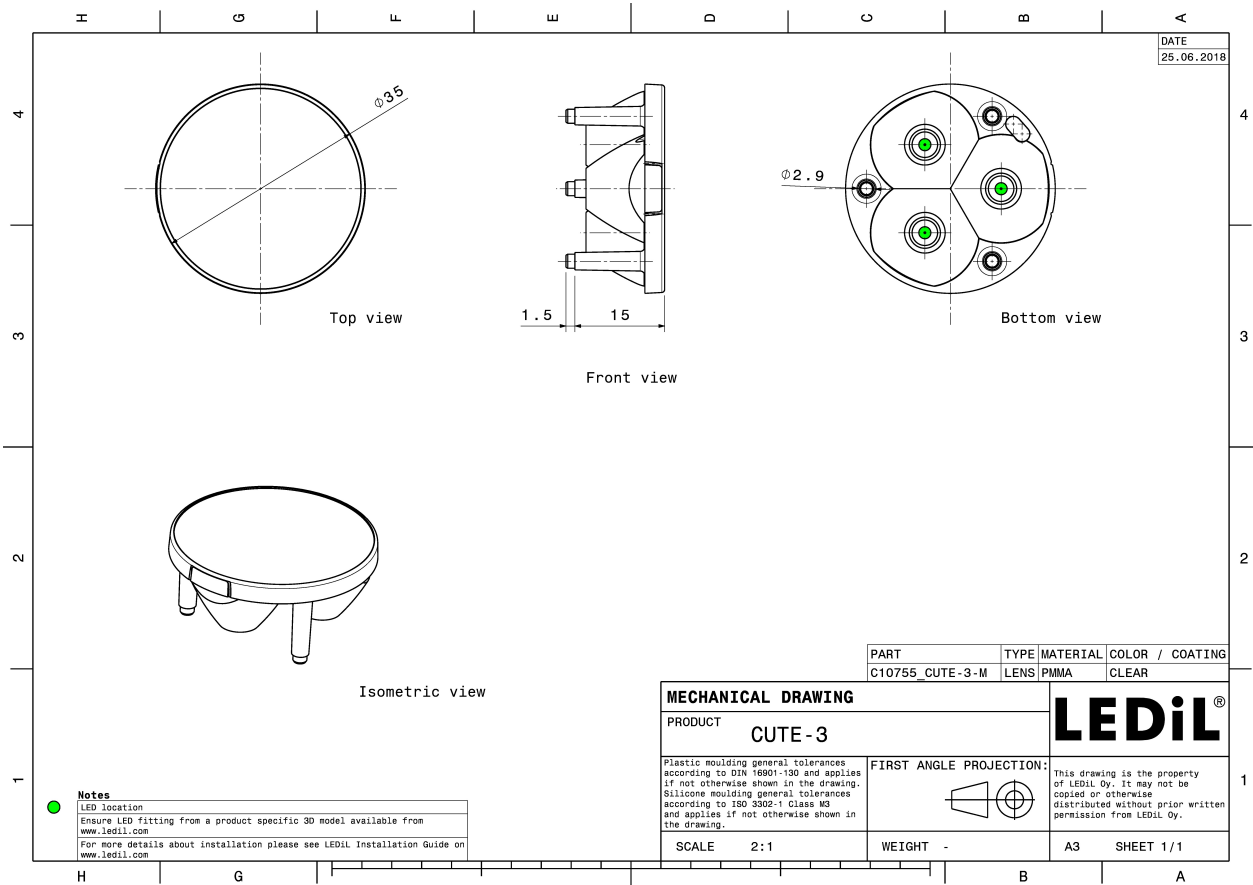
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
CUTE-3-M	Multi-lens	PMMA	clear	



### ORDERING INFORMATION:

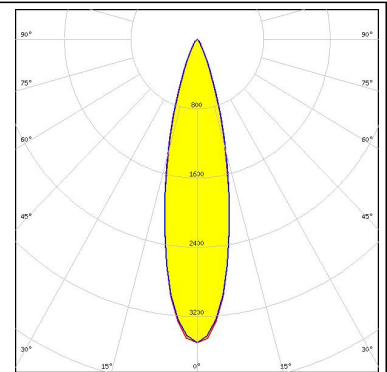
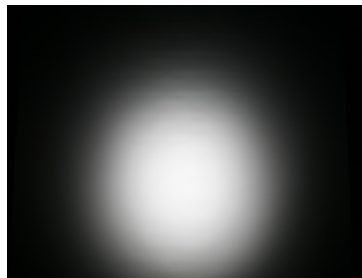
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10755_CUTE-3-M » Box size: 480 x 280 x 300 mm	630	90	45	7.0



### PHOTOMETRIC DATA (MEASURED):

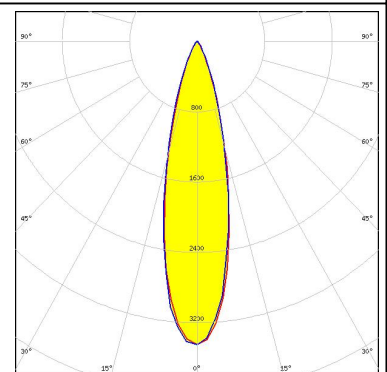
#### CREE

LED XM-L  
 FWHM 25.0°  
 Efficiency 90 %  
 Peak intensity 3.510 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



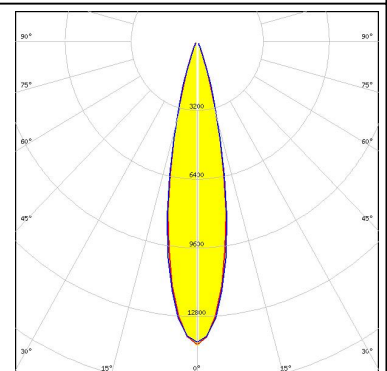
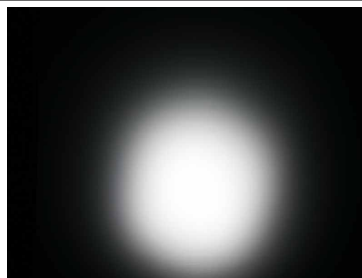
#### CREE

LED XM-L2  
 FWHM 26.0°  
 Efficiency 89 %  
 Peak intensity 3.500 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



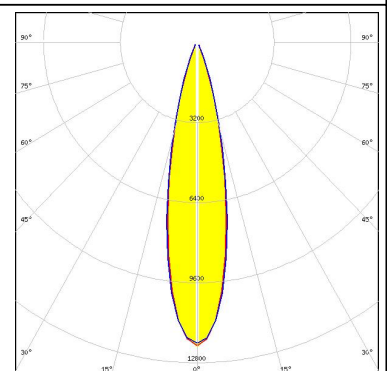
#### CREE

LED XP-E  
 FWHM 22.0°  
 Efficiency 92 %  
 Peak intensity 4.710 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

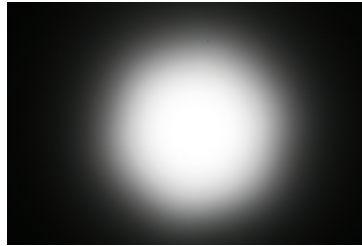
LED XP-G  
 FWHM 23.0°  
 Efficiency 92 %  
 Peak intensity 4.040 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

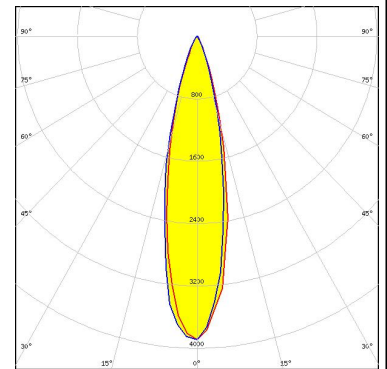
#### CREE

LED XP-G2  
FWHM 22.0°  
Efficiency 88 %  
Peak intensity 4.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



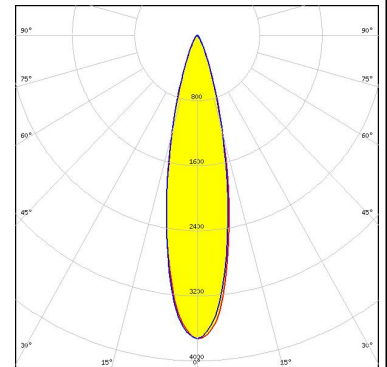
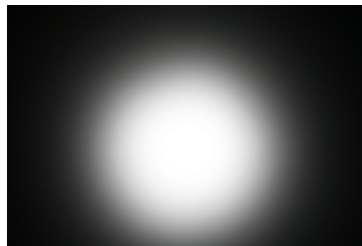
#### CREE

LED XT-E  
FWHM 23.0°  
Efficiency 85 %  
Peak intensity 3.900 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### LG Innotek

LED H35C1 (LEMWA33)  
FWHM 25.0°  
Efficiency 86 %  
Peak intensity 3.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



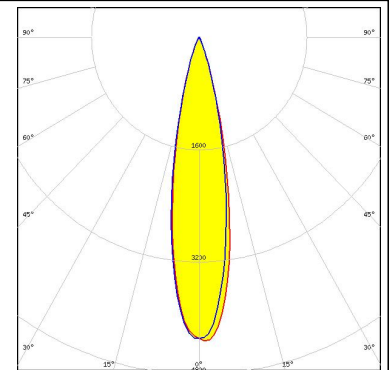
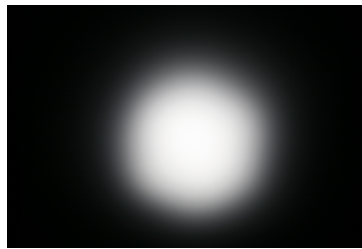
#### LUMILEDS

LED LUXEON A  
FWHM 24.0°  
Efficiency 88 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### PHOTOMETRIC DATA (MEASURED):

##### LUMILEDS

LED LUXEON Rebel  
 FWHM 23.0°  
 Efficiency 88 %  
 Peak intensity 4.290 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### LUMILEDS

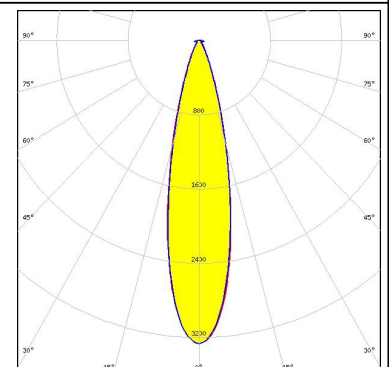
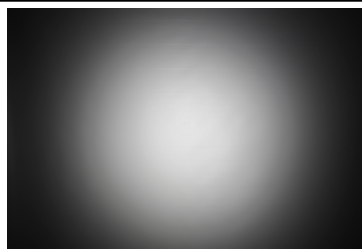
LED LUXEON Rebel ES  
 FWHM 24.0°  
 Efficiency 88 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

##### NICHIA

LED NCSxx19A  
 FWHM 25.0°  
 Efficiency 89 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

##### NICHIA

LED NVSxx19A  
 FWHM 24.0°  
 Efficiency 93 %  
 Peak intensity 3.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



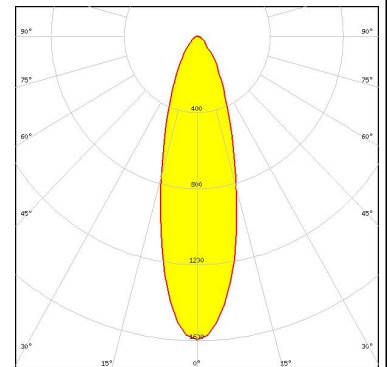
**PHOTOMETRIC DATA (MEASURED):**

**OSRAM**  
Opto Semiconductors

LED OSLON Square EC  
 FWHM 28.0°  
 Efficiency %  
 Peak intensity 2.210 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

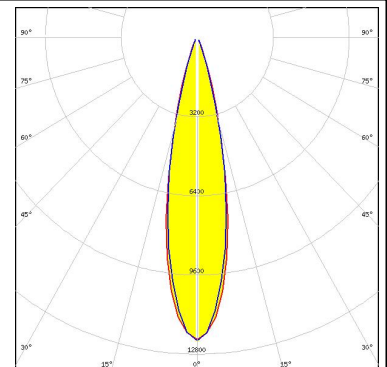
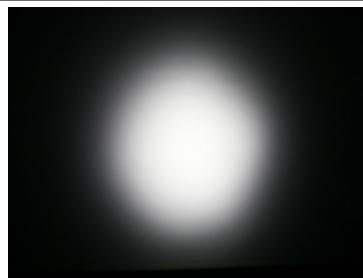
**OSRAM**  
Opto Semiconductors

LED OSLON SSL 150  
 FWHM 31.0°  
 Efficiency %  
 Peak intensity 1.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**OSRAM**  
Opto Semiconductors

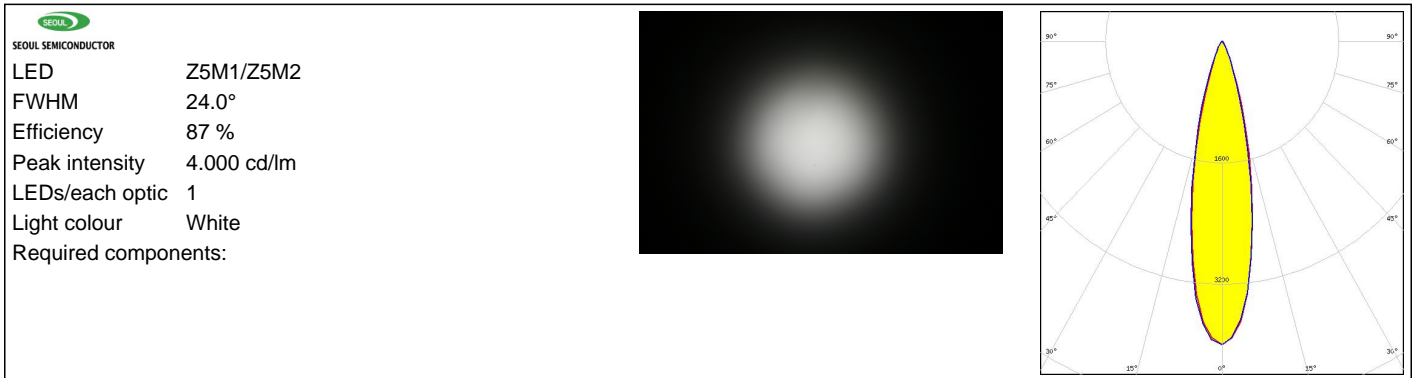
LED OSLON SSL 80  
 FWHM 23.0°  
 Efficiency 89 %  
 Peak intensity 4.070 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED Z5  
 FWHM 22.0°  
 Efficiency %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

## PHOTOMETRIC DATA (MEASURED):



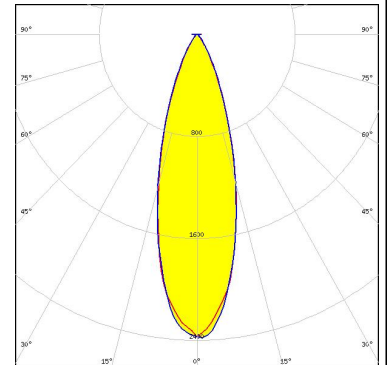
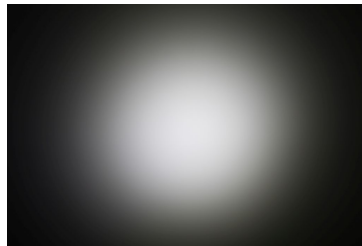
### PHOTOMETRIC DATA (SIMULATED):

#### CREE

LED XM-L HVW  
FWHM 33.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE

LED XP-G3  
FWHM 31.0°  
Efficiency 91 %  
Peak intensity 2.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### CREE

LED XT-E HVW  
FWHM 30.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### SAMSUNG

LED LH351B  
FWHM 30.0°  
Efficiency 93 %  
Peak intensity 2.577 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:

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 13  
FI-24240 SALO  
Finland

#### LEDiL Inc.

228 West Page Street  
Suite D  
Sycamore IL 60178  
USA

#### Local sales and technical support

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

#### Shipping locations

Salo, Finland  
Hong Kong, China

#### Distribution Partners

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

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9