

## 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 ⓘ

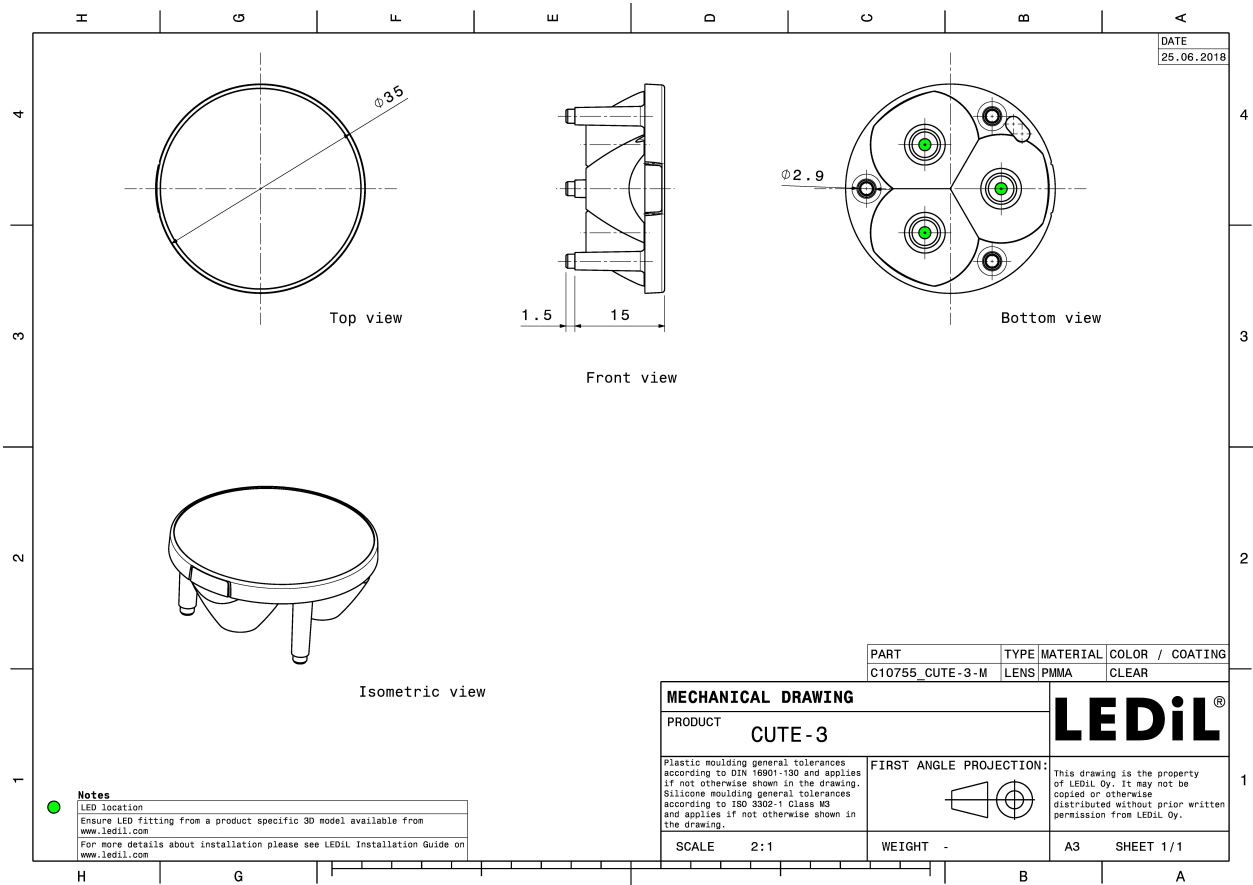
### MATERIAL SPECIFICATIONS:

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



### ORDERING INFORMATION:

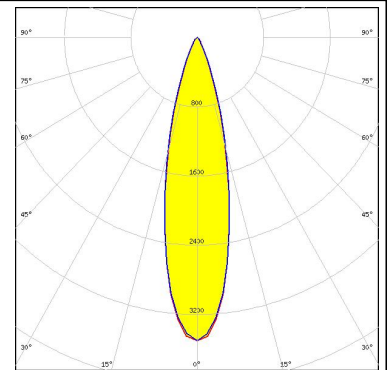
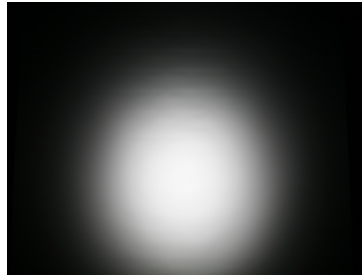
Component	Qty in box	MOQ	MPQ	Box weight (kg)
C10755_CUTE-3-M » Box size: 480 x 280 x 300 mm	630	90	45	7.0



### PHOTOMETRIC DATA (MEASURED):

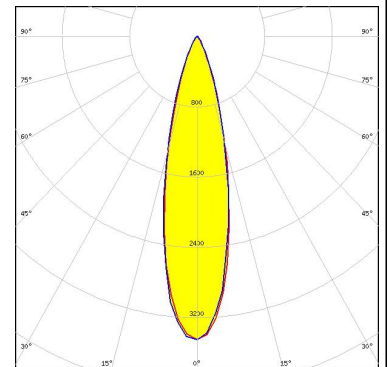
**CREE** 

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



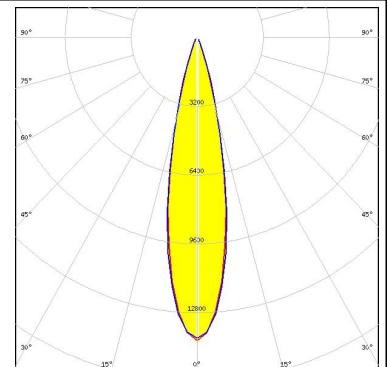
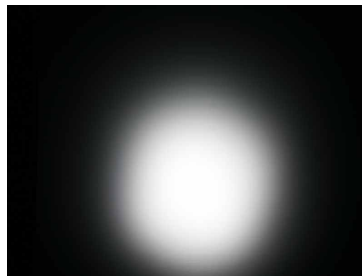
**CREE** 

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



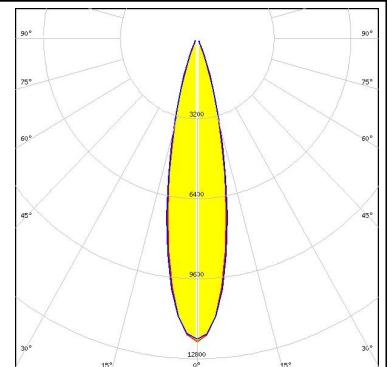
**CREE** 

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



**CREE** 

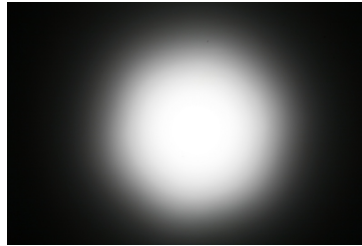
LED XP-G  
FWHM 23.0°  
Efficiency 92 %  
Peak intensity 4.040 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (MEASURED):

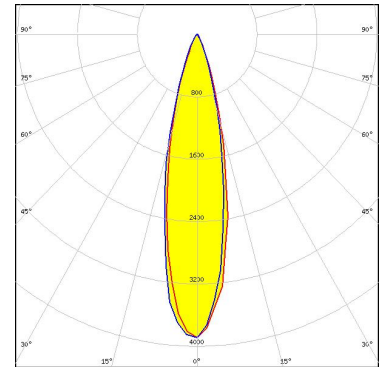
#### CREE

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



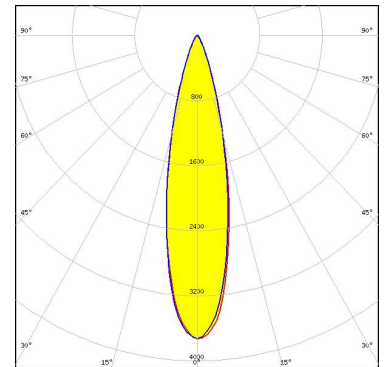
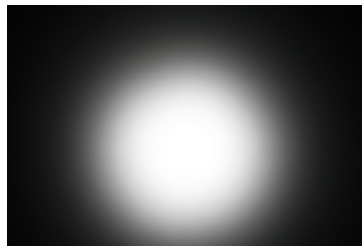
#### CREE

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:



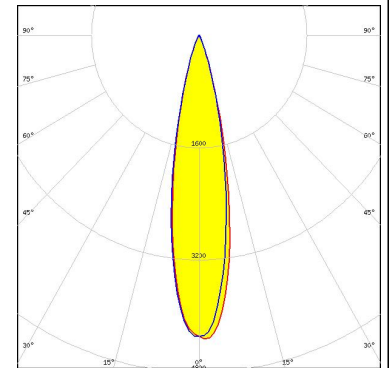
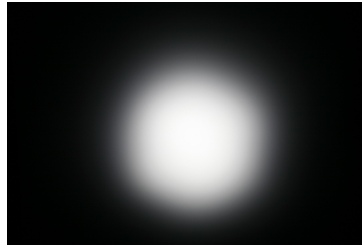
#### LUMILEDS

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

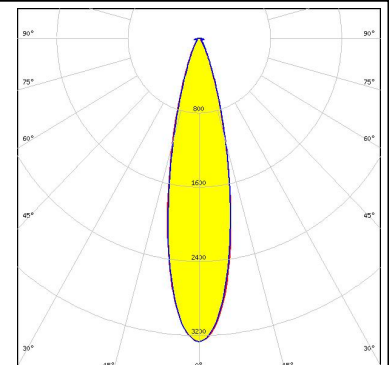
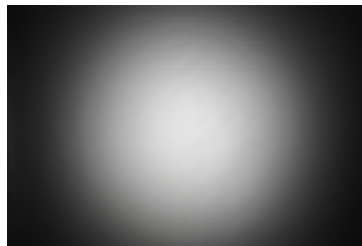
LED LUXEON Rebel ES  
 FWHM 24.0°  
 Efficiency 88 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### 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:



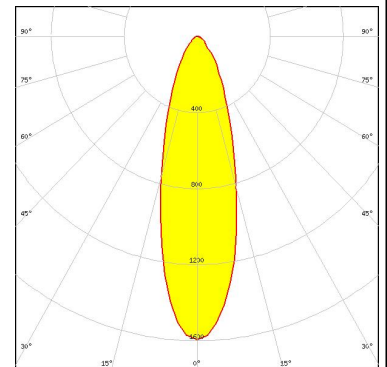
**PHOTOMETRIC DATA (MEASURED):**

**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:

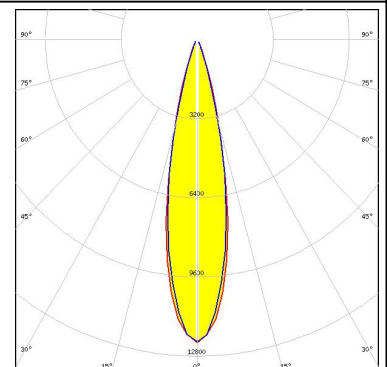
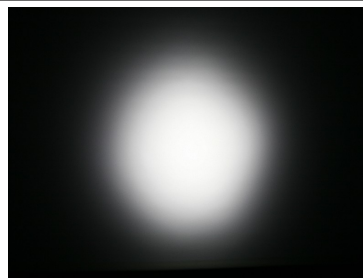
**OSRAM**  
Opto Semiconductors

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

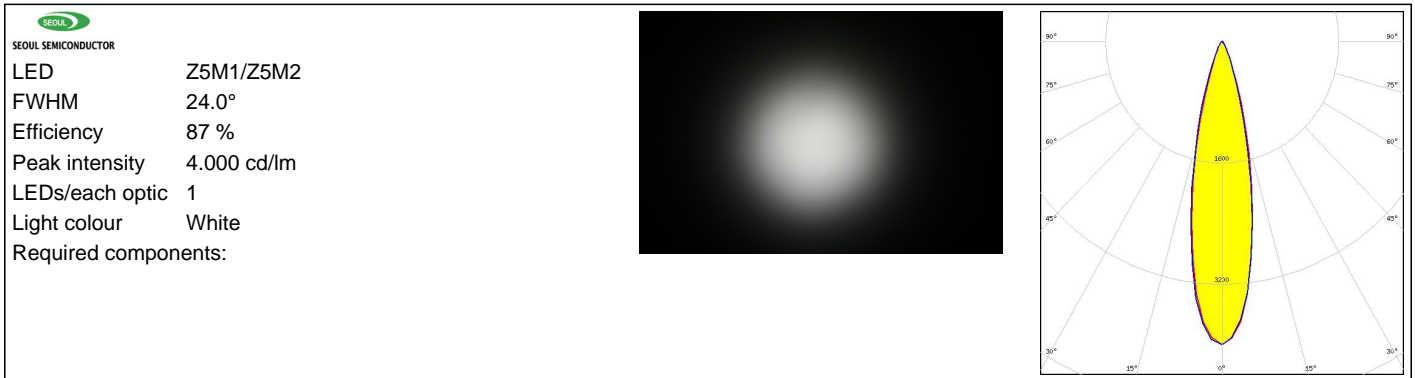
LED OSLON SSL 80  
 FWHM 23.0°  
 Efficiency 89 %  
 Peak intensity 4.070 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

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

## PHOTOMETRIC DATA (MEASURED):



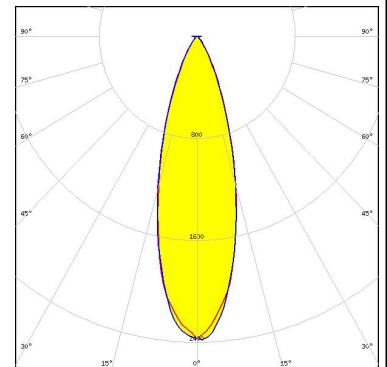
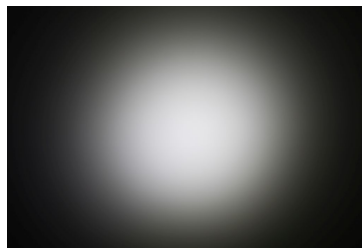
### PHOTOMETRIC DATA (SIMULATED):

#### 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:

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