



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## CUTE-3-M

~25° medium beam with 1.5 mm high location pins

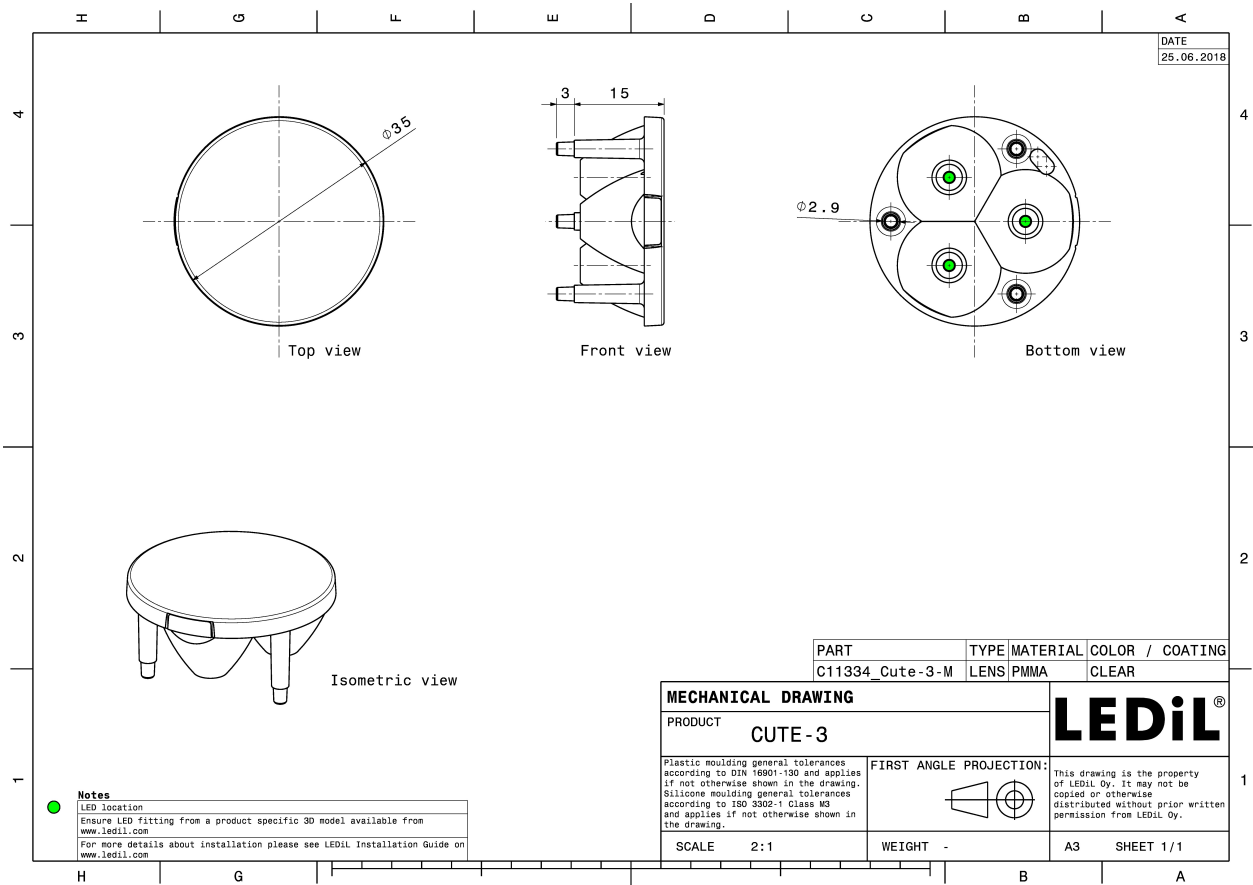
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35 mm
Height	15 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.8 kg
Quantity in Box	630 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

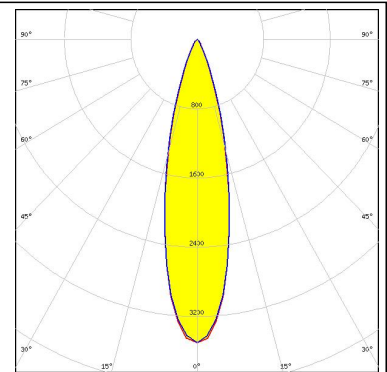
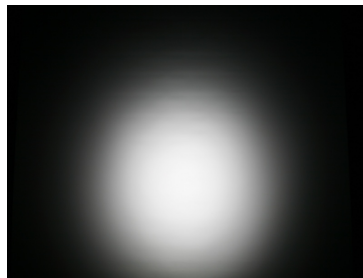
Component	Type	Material	Colour
CUTE-3-M	Lens array	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

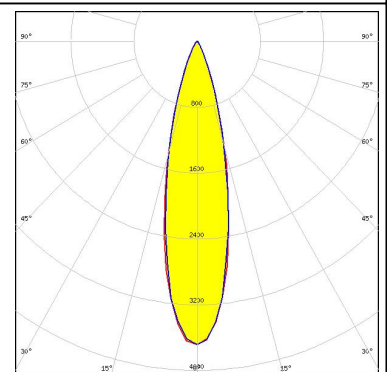
**CREE** 

LED XM-L  
FWHM 25.0°  
Efficiency 90 %  
Peak intensity cd/lm  
Required components:



**CREE** 

LED XM-L2  
FWHM 26.0°  
Efficiency 89 %  
Peak intensity 3.700 cd/lm  
Required components:



**CREE** 

LED XP-E  
FWHM 22.0°  
Efficiency 91 %  
Peak intensity cd/lm  
Required components:

**CREE** 

LED XP-G  
FWHM 24.0°  
Efficiency 91 %  
Peak intensity cd/lm  
Required components:

## PHOTOMETRIC DATA (MEASURED):

### **CREE**

LED XP-L  
FWHM 24.0°  
Efficiency 88 %  
Peak intensity 3.900 cd/lm  
Required components:



### **LUMILEDS**

LED LUXEON A  
FWHM 24.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

### **LUMILEDS**

LED LUXEON Rebel  
FWHM 22.0°  
Efficiency 91 %  
Peak intensity cd/lm  
Required components:

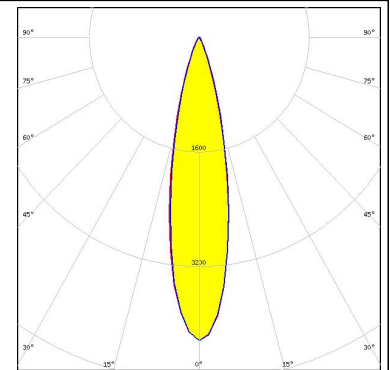
### **LUMILEDS**

LED LUXEON Rebel ES  
FWHM 24.0°  
Efficiency 92 %  
Peak intensity cd/lm  
Required components:

### PHOTOMETRIC DATA (MEASURED):

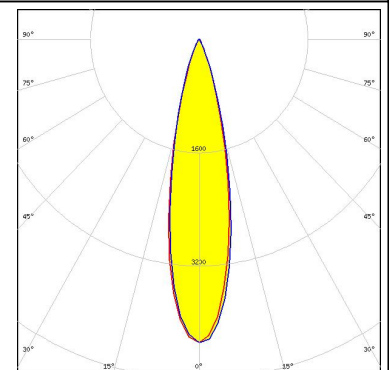
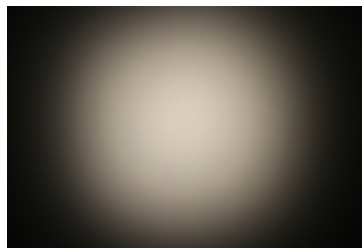
#### LUMILEDS

LED LUXEON T  
FWHM 23.0°  
Efficiency 89 %  
Peak intensity 4.200 cd/lm  
Required components:



#### LUMILEDS

LED LUXEON TX  
FWHM 25.0°  
Efficiency 88 %  
Peak intensity 4.300 cd/lm  
Required components:



#### NICHIA

LED NCSxx19A  
FWHM 25.0°  
Efficiency 88 %  
Peak intensity cd/lm  
Required components:

#### NICHIA

LED NVSxx19A  
FWHM 25.0°  
Efficiency 88 %  
Peak intensity cd/lm  
Required components:

## PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

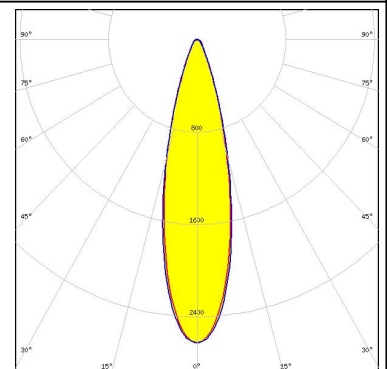
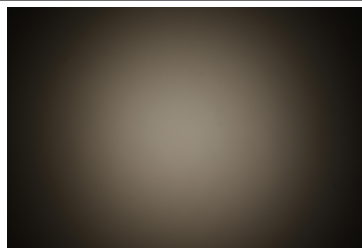
LED Oslon SSL 150  
FWHM 24.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

**OSRAM**  
Opto Semiconductors

LED Oslon SSL 80  
FWHM 22.0°  
Efficiency 89 %  
Peak intensity cd/lm  
Required components:

**TOSHIBA**  
Leading Innovation >>>

LED TL1L3  
FWHM 26.0°  
Efficiency 86 %  
Peak intensity 2.600 cd/lm  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

#### CREE

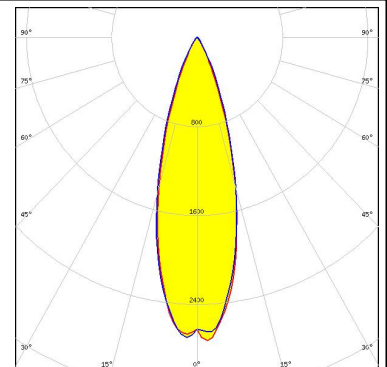
LED XM-L HVW  
FWHM 33.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

#### CREE

LED XT-E HVW  
FWHM 30.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:

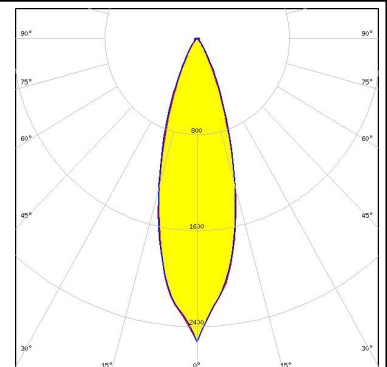
#### LUMILEDS

LED LUXEON H50-2  
FWHM 30.0°  
Efficiency 90 %  
Peak intensity 2.700 cd/lm  
Required components:



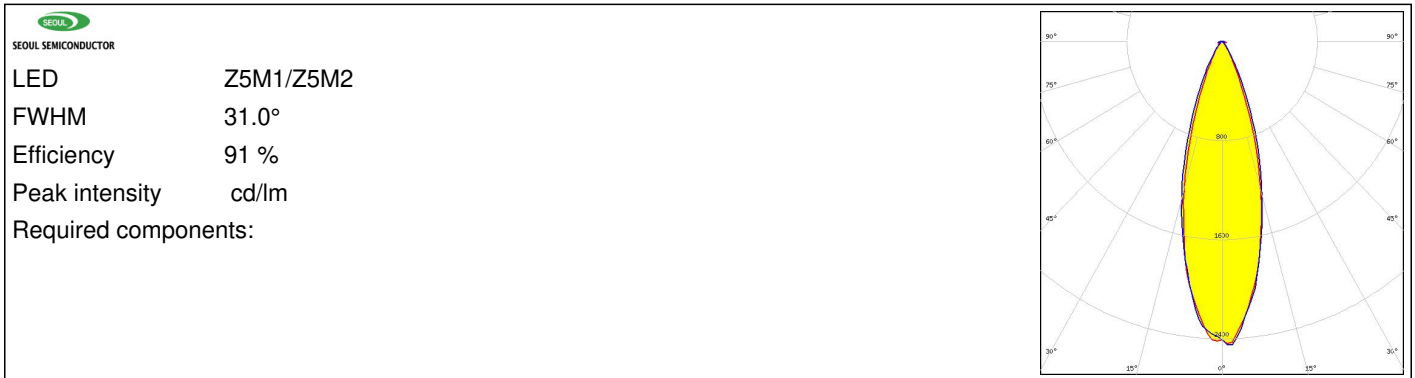
#### NICHIA

LED NVSxx19B/NVSxx19C  
FWHM 30.0°  
Efficiency 89 %  
Peak intensity 2.530 cd/lm  
Required components:





## PHOTOMETRIC DATA (SIMULATED):



### 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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