

## CUTE-3-SS

~12° smooth spot beam with 3 mm high location pins

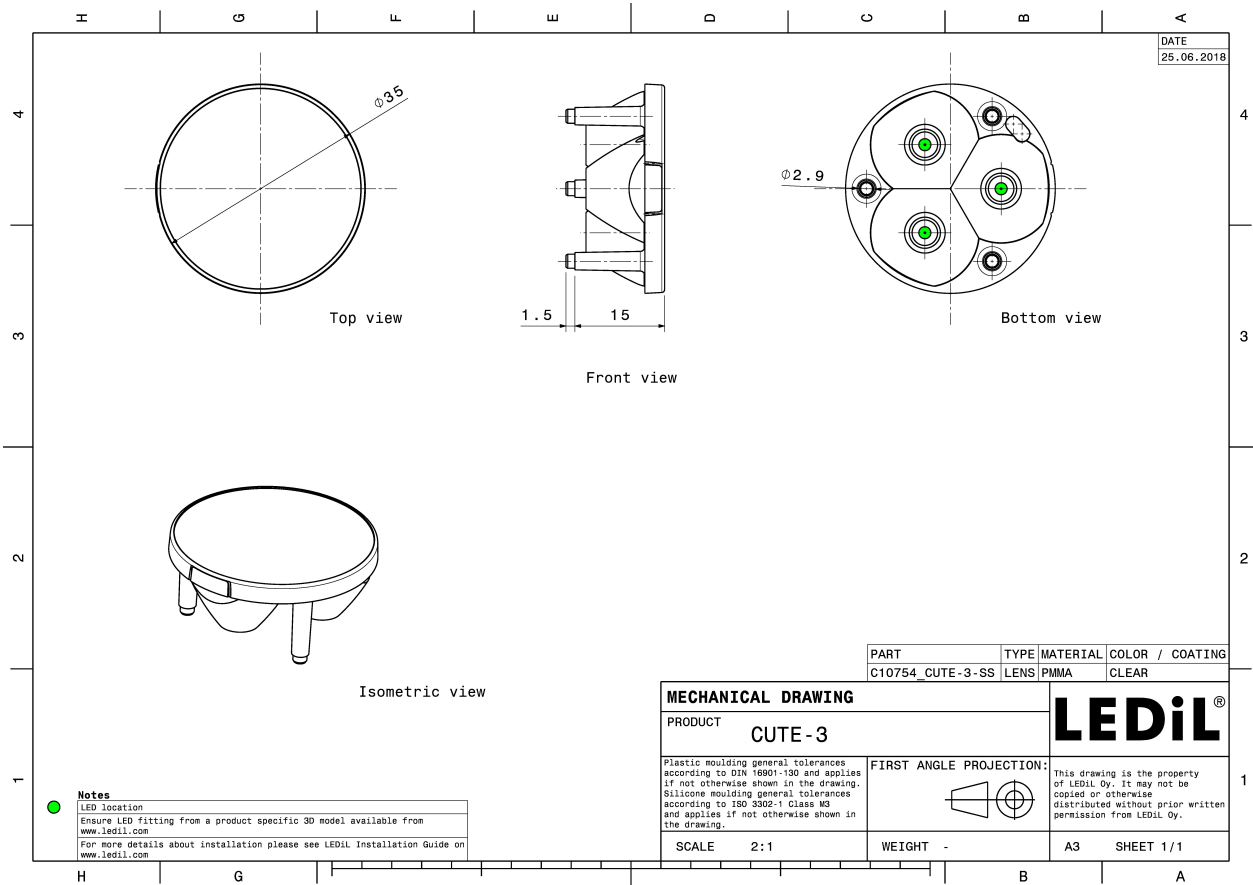
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35.0 mm
Height	15 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	6.9 kg
Quantity in Box	630 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

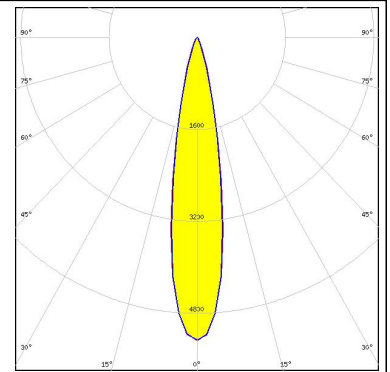
Component	Type	Material	Colour
CUTE-3-SS	Multi-lens	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

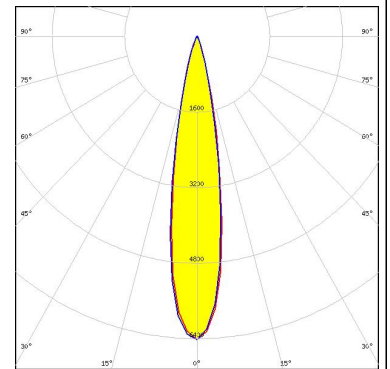
#### CREE

LED XM-L  
 FWHM 19.0°  
 Efficiency 91 %  
 Peak intensity 5.280 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



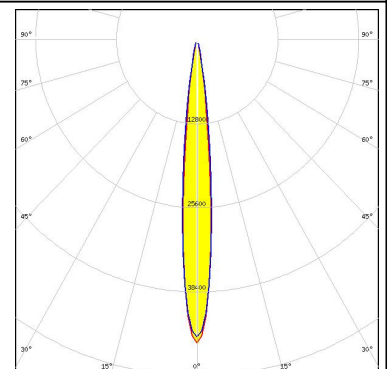
#### CREE

LED XM-L2  
 FWHM 20.0°  
 Efficiency 90 %  
 Peak intensity 6.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



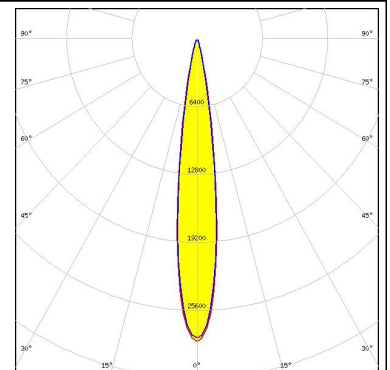
#### CREE

LED XP-E  
 FWHM 11.0°  
 Efficiency 93 %  
 Peak intensity 15.390 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

LED XP-G  
 FWHM 15.0°  
 Efficiency 93 %  
 Peak intensity 9.540 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

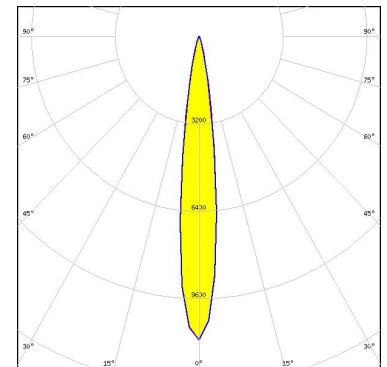
#### CREE

LED XP-G2  
 FWHM 14.0°  
 Efficiency 89 %  
 Peak intensity 11.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



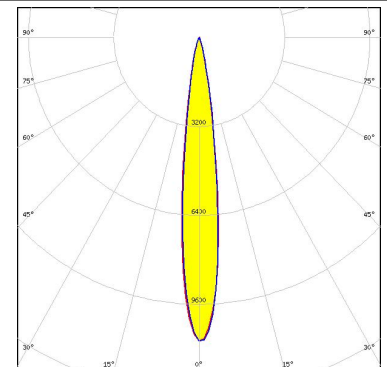
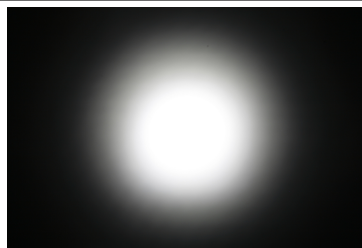
#### CREE

LED XT-E  
 FWHM 12.0°  
 Efficiency 88 %  
 Peak intensity 8.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LG Innotek

LED H35C1 (LEMWA33)  
 FWHM 14.0°  
 Efficiency 86 %  
 Peak intensity 10.900 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



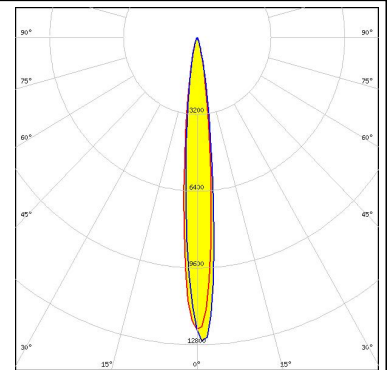
#### LUMILEDS

LED LUXEON A  
 FWHM 13.0°  
 Efficiency 91 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

LED LUXEON Rebel  
 FWHM 12.0°  
 Efficiency 91 %  
 Peak intensity 12.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LUMILEDS

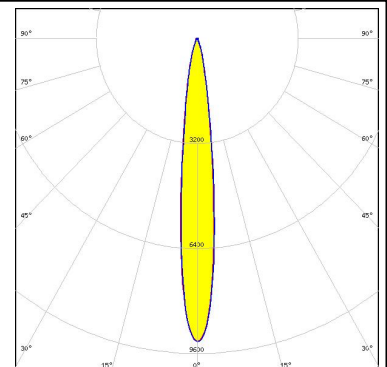
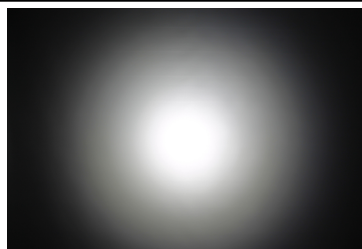
LED LUXEON Rebel ES  
 FWHM 13.0°  
 Efficiency 91 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### NICHIA

LED NCSxx19A  
 FWHM 12.0°  
 Efficiency 89 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### NICHIA

LED NVSxx19A  
 FWHM 13.0°  
 Efficiency 94 %  
 Peak intensity 9.200 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### PHOTOMETRIC DATA (MEASURED):

##### OSRAM

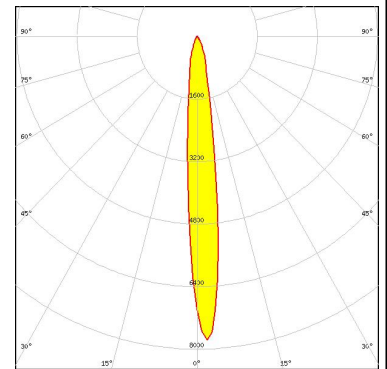
Opto Semiconductors

LED OSLON Square EC  
 FWHM 17.0°  
 Efficiency 83 %  
 Peak intensity 8.540 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

##### OSRAM

Opto Semiconductors

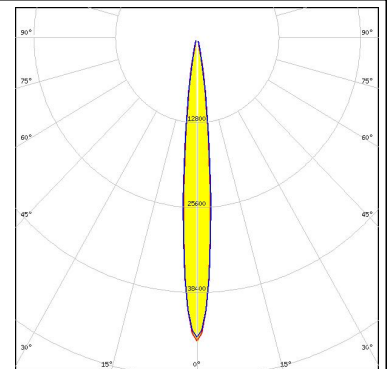
LED OSLON SSL 150  
 FWHM 13.0°  
 Efficiency %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



##### OSRAM

Opto Semiconductors

LED OSLON SSL 80  
 FWHM 10.0°  
 Efficiency 90 %  
 Peak intensity 15.220 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

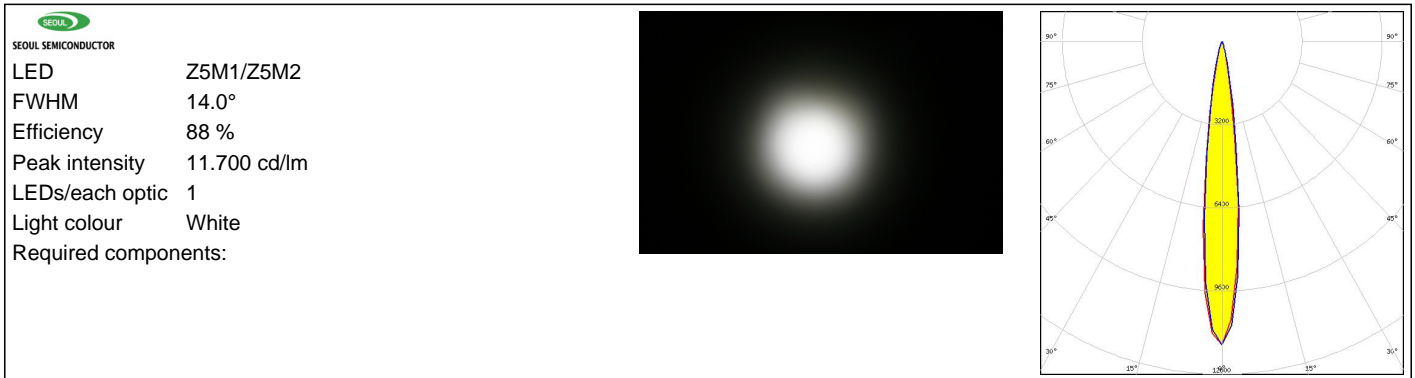


SEOUL SEMICONDUCTOR

LED Z5  
 FWHM 10.0°  
 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 19.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### **CREE**

LED XT-E HVW  
FWHM 15.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

### **SAMSUNG**

LED LH351B  
FWHM 16.0°  
Efficiency 95 %  
Peak intensity 8.827 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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