

## CUTE-3-W

~40° wide beam with 1.5 mm high location pins

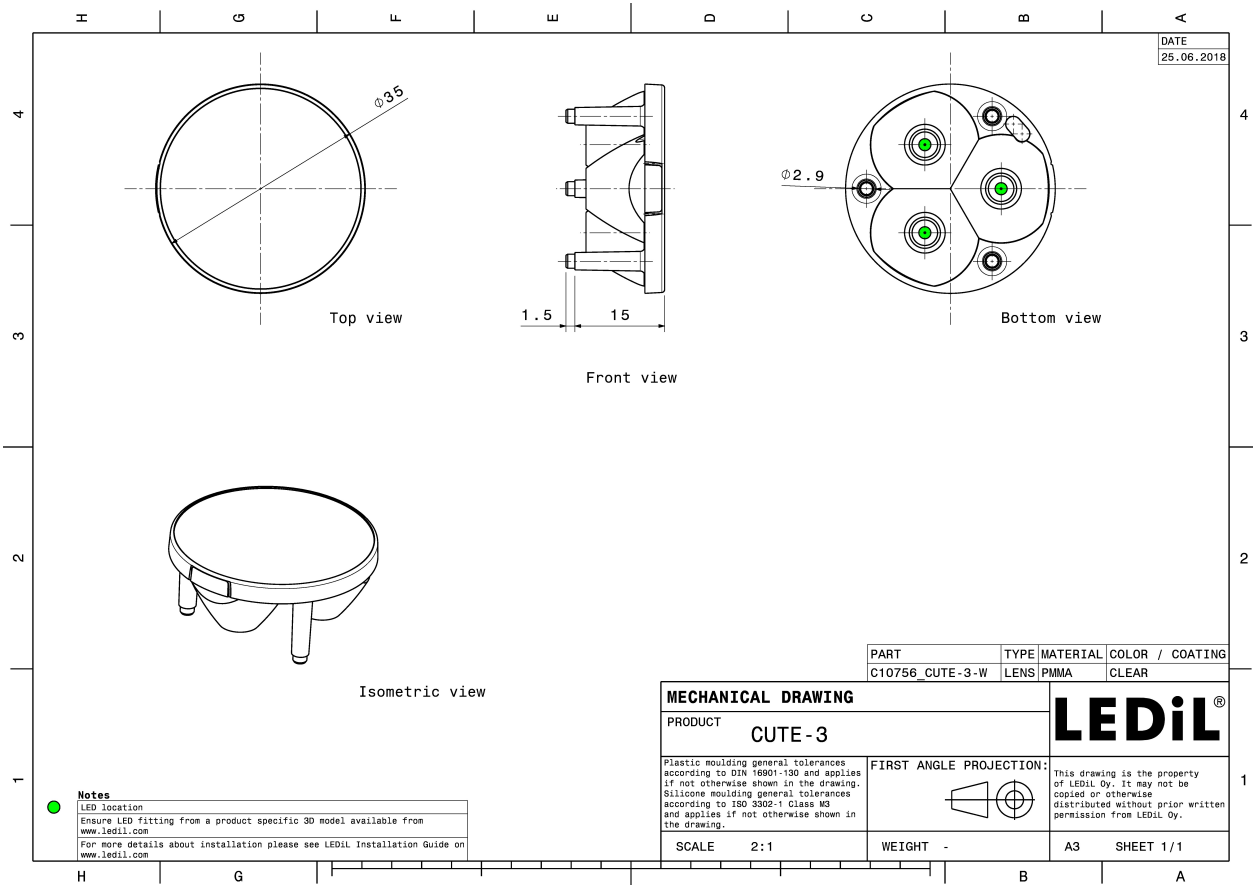
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35 mm
Height	15 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7 kg
Quantity in Box	630 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

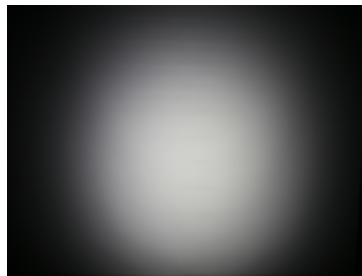
Component	Type	Material	Colour
CUTE-3-W	Lens array	PMMA	clear



**PHOTOMETRIC DATA (MEASURED):**

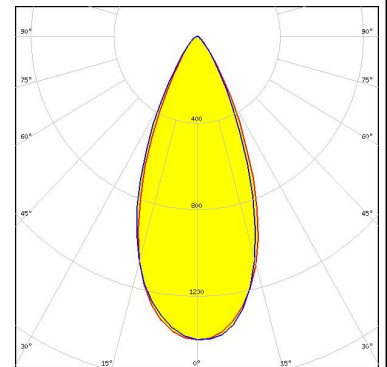
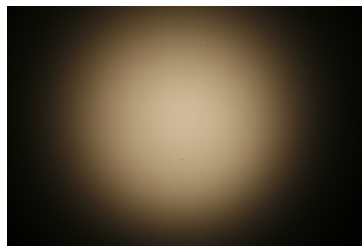
**CREE** 

LED XM-L  
FWHM 42.0°  
Efficiency 83 %  
Peak intensity cd/lm  
Required components:



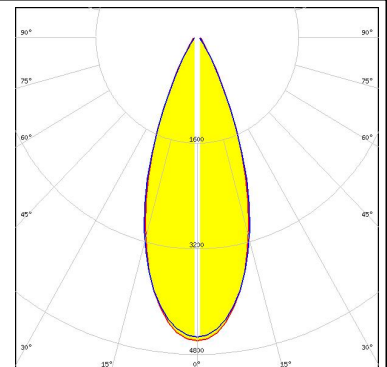
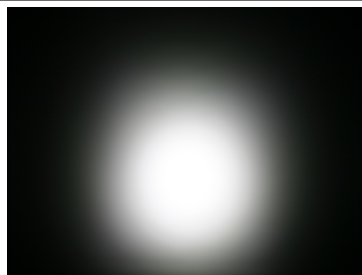
**CREE** 

LED XM-L2  
FWHM 45.0°  
Efficiency 86 %  
Peak intensity 1.400 cd/lm  
Required components:



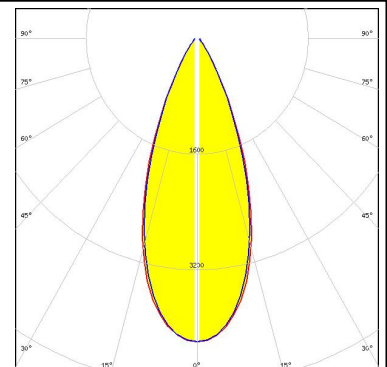
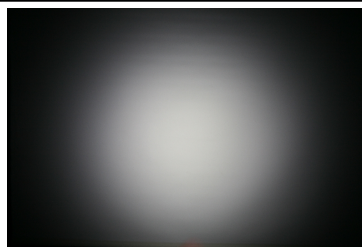
**CREE** 

LED XP-E  
FWHM 40.0°  
Efficiency 90 %  
Peak intensity 1.530 cd/lm  
Required components:



**CREE** 

LED XP-G  
FWHM 40.0°  
Efficiency 90 %  
Peak intensity 1.400 cd/lm  
Required components:



**PHOTOMETRIC DATA (MEASURED):**

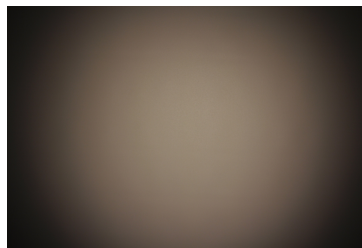
**CREE** 

LED XP-G2  
FWHM 40.0°  
Efficiency 87 %  
Peak intensity 1.800 cd/lm  
Required components:



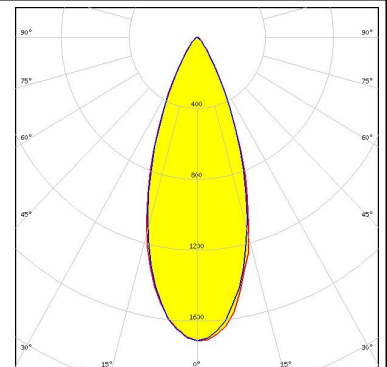
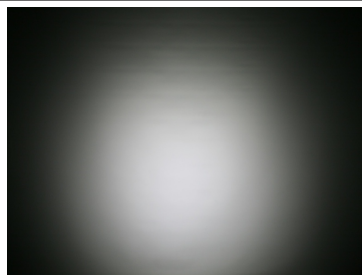
**CREE** 

LED XP-L  
FWHM 46.0°  
Efficiency 84 %  
Peak intensity 1.350 cd/lm  
Required components:



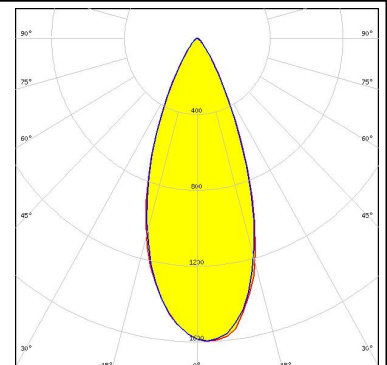
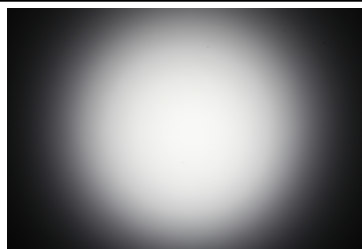
**CREE** 

LED XT-E  
FWHM 39.0°  
Efficiency %  
Peak intensity 1.700 cd/lm  
Required components:



 **LG Innotek**

LED H35C1 (LEMWA33)  
FWHM 42.0°  
Efficiency 85 %  
Peak intensity 1.600 cd/lm  
Required components:



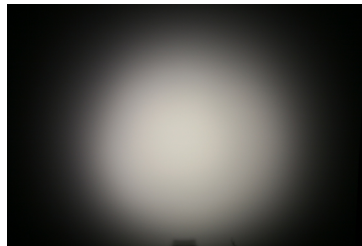
### PHOTOMETRIC DATA (MEASURED):

#### LUMILEDS

LED LUXEON A  
FWHM 41.0°  
Efficiency 77 %  
Peak intensity cd/lm  
Required components:

#### LUMILEDS

LED LUXEON Rebel  
FWHM 38.0°  
Efficiency 77 %  
Peak intensity cd/lm  
Required components:

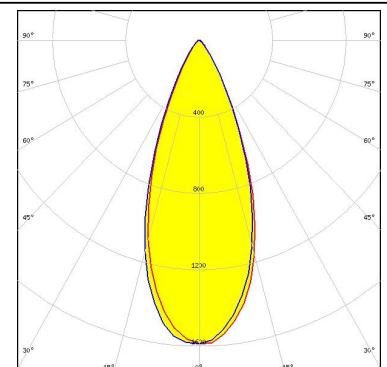
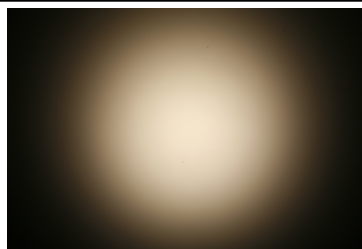


#### LUMILEDS

LED LUXEON Rebel ES  
FWHM 41.0°  
Efficiency 77 %  
Peak intensity cd/lm  
Required components:

#### LUMILEDS

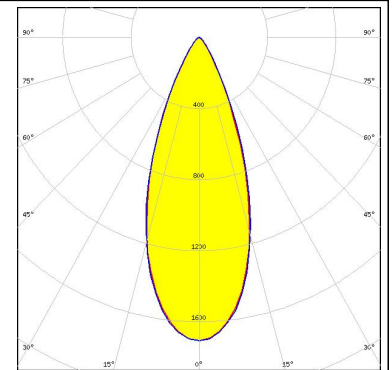
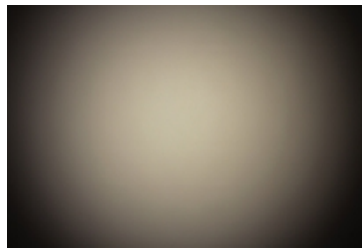
LED LUXEON T  
FWHM 42.0°  
Efficiency 86 %  
Peak intensity 1.600 cd/lm  
Required components:



#### PHOTOMETRIC DATA (MEASURED):



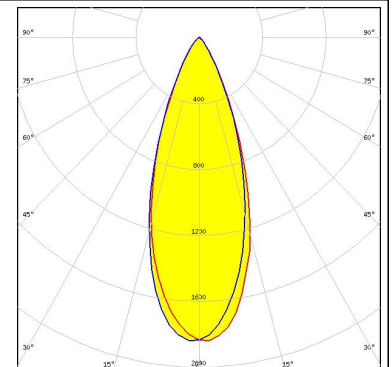
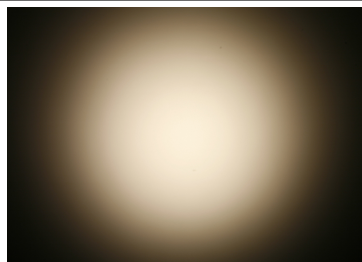
LED LUXEON TX  
 FWHM 40.0°  
 Efficiency 85 %  
 Peak intensity 1.700 cd/lm  
 Required components:



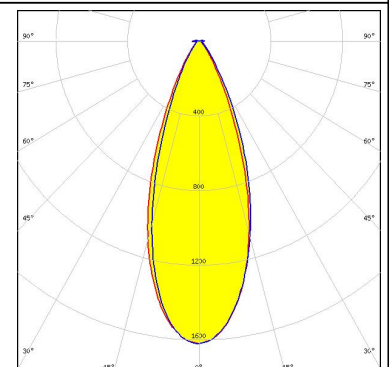
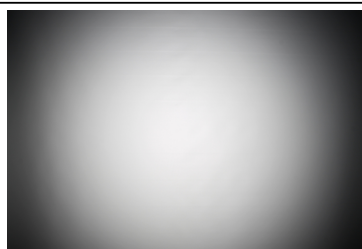
LED NCSxx19A  
 FWHM 39.0°  
 Efficiency 84 %  
 Peak intensity cd/lm  
 Required components:



LED NCSxx19B  
 FWHM 38.0°  
 Efficiency 85 %  
 Peak intensity 1.800 cd/lm  
 Required components:



LED NVSxx19A  
 FWHM 38.0°  
 Efficiency 90 %  
 Peak intensity 1.600 cd/lm  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

**OSRAM**  
Opto Semiconductors

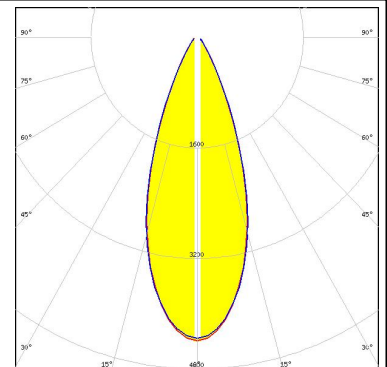
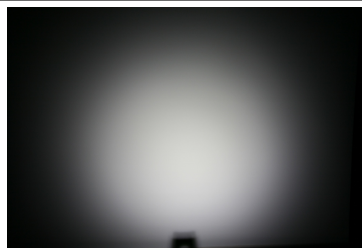
LED Oslon Square EC  
FWHM 36.0°  
Efficiency 78 %  
Peak intensity 1.850 cd/lm  
Required components:

**OSRAM**  
Opto Semiconductors

LED Oslon SSL 150  
FWHM 40.0°  
Efficiency 83 %  
Peak intensity cd/lm  
Required components:

**OSRAM**  
Opto Semiconductors

LED Oslon SSL 80  
FWHM 40.0°  
Efficiency 83 %  
Peak intensity cd/lm  
Required components:





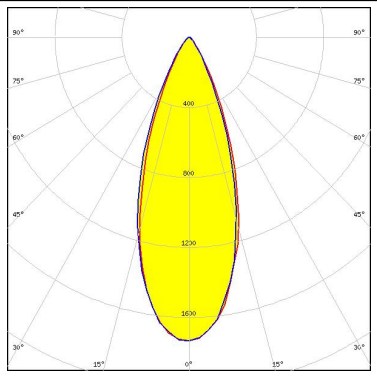

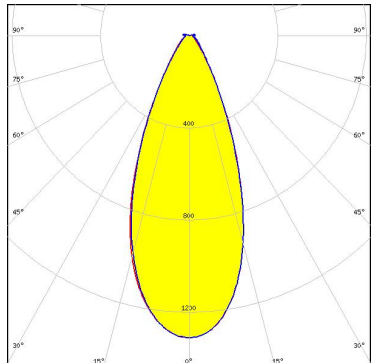
**SEOL**

SEOUL SEMICONDUCTOR

LED Z5  
FWHM 40.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:



### PHOTOMETRIC DATA (MEASURED):

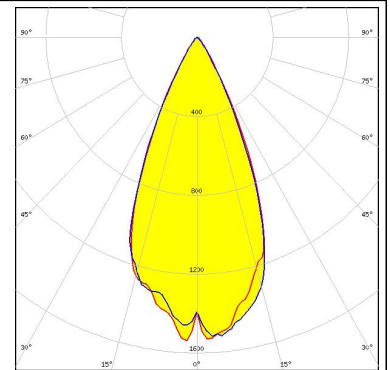
<p> SEOUL SEMICONDUCTOR</p> <p>LED Z5M1/Z5M2 FWHM 38.0° Efficiency 84 % Peak intensity 1.700 cd/lm Required components:</p>		
<p> Leading Innovation &gt;&gt;&gt;</p> <p>LED TL1L3 FWHM 42.0° Efficiency 90 % Peak intensity 1.300 cd/lm Required components:</p>		



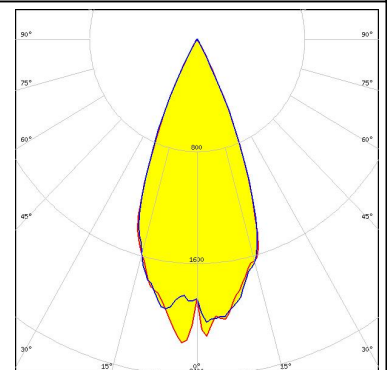
### PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD  
FWHM 45.0°  
Efficiency 90 %  
Peak intensity 1.640 cd/lm  
Required components:



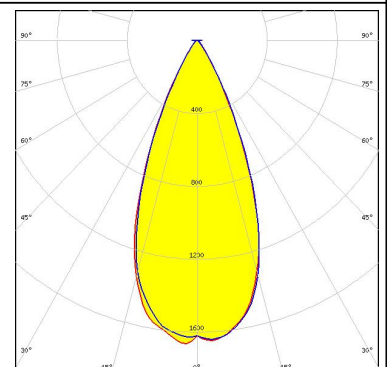
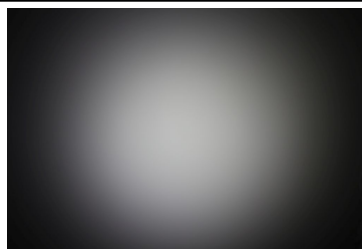
LED XHP35 HI  
FWHM 41.0°  
Efficiency 93 %  
Peak intensity 2.300 cd/lm  
Required components:



LED XM-L HVW  
FWHM 41.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:



LED XP-G3  
FWHM 44.0°  
Efficiency 94 %  
Peak intensity 1.700 cd/lm  
Required components:



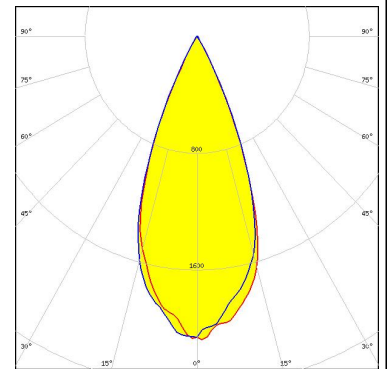
### PHOTOMETRIC DATA (SIMULATED):



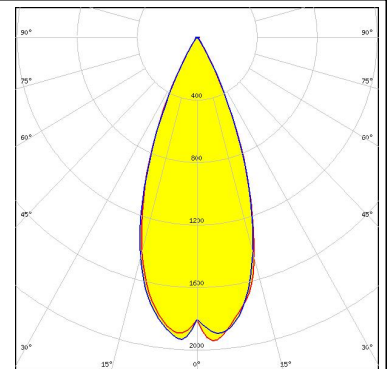
LED XT-E HVW  
FWHM 40.0°  
Efficiency %  
Peak intensity cd/lm  
Required components:



LED LUXEON H50-2  
FWHM 41.0°  
Efficiency 90 %  
Peak intensity 2.100 cd/lm  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM 41.0°  
Efficiency 92 %  
Peak intensity 1.890 cd/lm  
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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