

## CUTE-3-W

~40° wide beam with 1.5 mm high location pins

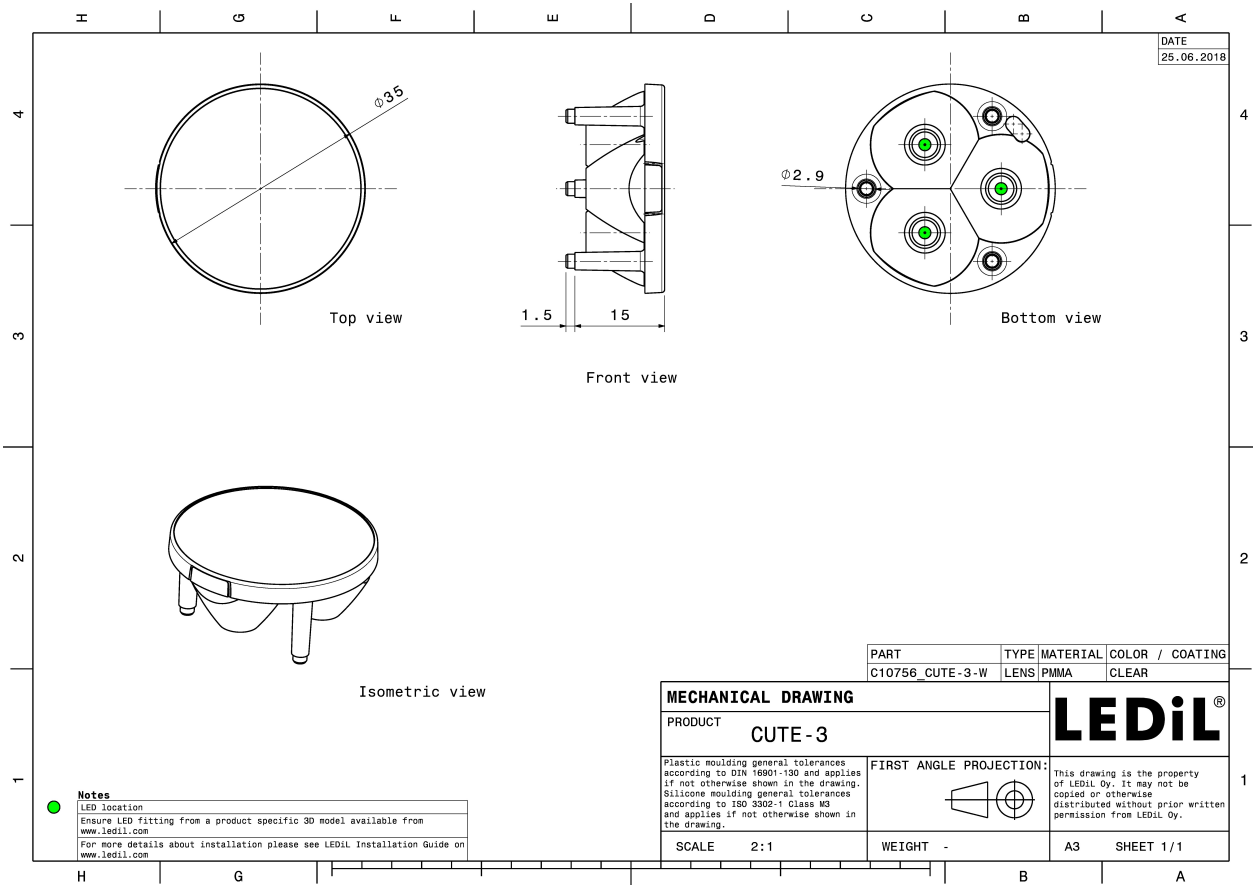
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 35.0 mm
Height	15 mm
Fastening	glue, pin
Colour	clear
Box size	480 x 280 x 300 mm
Box weight	7 kg
Quantity in Box	630 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

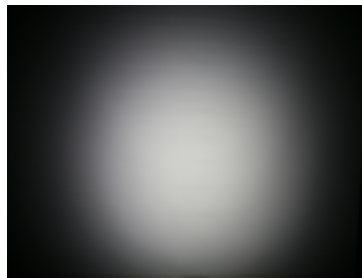
Component	Type	Material	Colour
CUTE-3-W	Multi-lens	PMMA	clear



#### PHOTOMETRIC DATA (MEASURED):

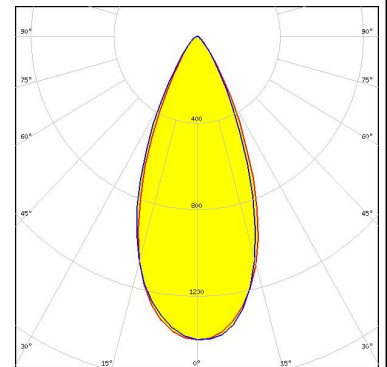
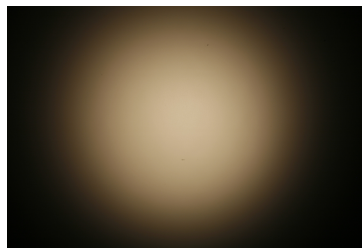
#### CREE

LED XM-L  
 FWHM 42.0°  
 Efficiency 83 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



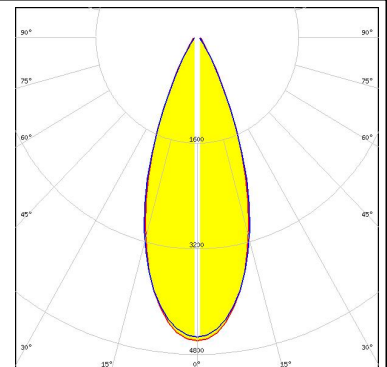
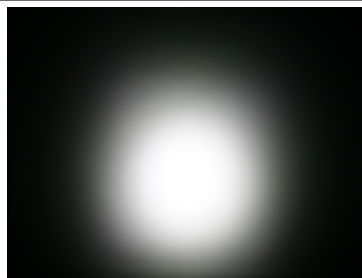
#### CREE

LED XM-L2  
 FWHM 45.0°  
 Efficiency 86 %  
 Peak intensity 1.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



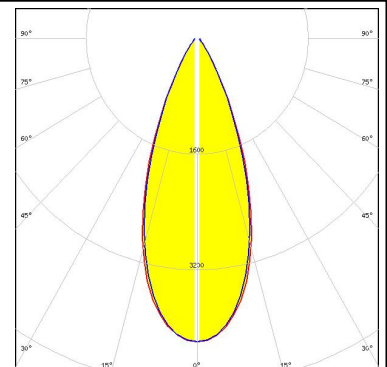
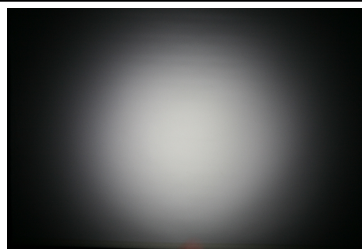
#### CREE

LED XP-E  
 FWHM 40.0°  
 Efficiency 90 %  
 Peak intensity 1.530 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### CREE

LED XP-G  
 FWHM 40.0°  
 Efficiency 90 %  
 Peak intensity 1.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



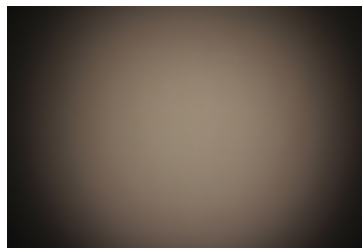
**PHOTOMETRIC DATA (MEASURED):**



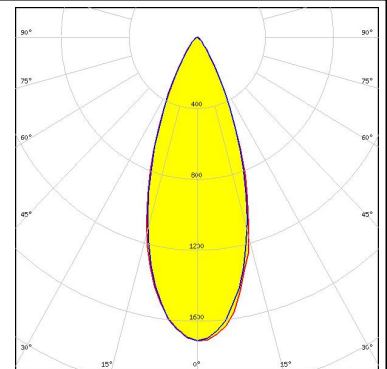
LED XP-G2  
FWHM 40.0°  
Efficiency 87 %  
Peak intensity 1.800 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



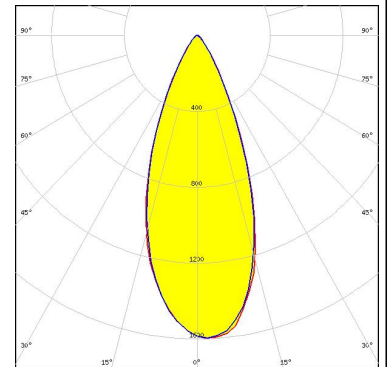
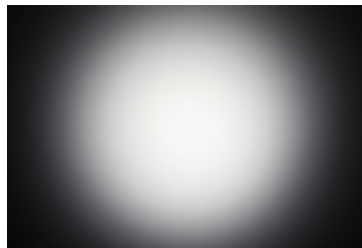
LED XP-L HD  
FWHM 46.0°  
Efficiency 84 %  
Peak intensity 1.350 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XT-E  
FWHM 39.0°  
Efficiency %  
Peak intensity 1.700 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED H35C1 (LEMWA33)  
FWHM 42.0°  
Efficiency 85 %  
Peak intensity 1.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



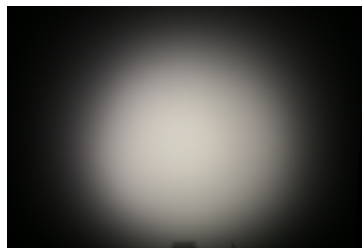
#### PHOTOMETRIC DATA (MEASURED):

##### LUMILEDS

LED LUXEON A  
FWHM 41.0°  
Efficiency 77 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

##### LUMILEDS

LED LUXEON Rebel  
FWHM 38.0°  
Efficiency 77 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

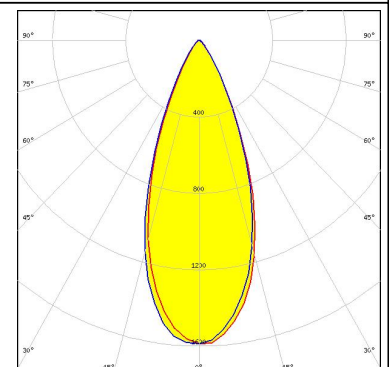
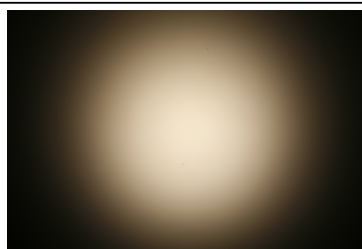


##### LUMILEDS

LED LUXEON Rebel ES  
FWHM 41.0°  
Efficiency 77 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

##### LUMILEDS

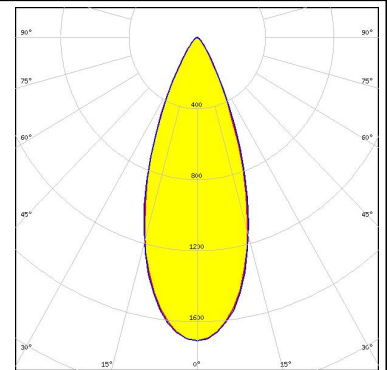
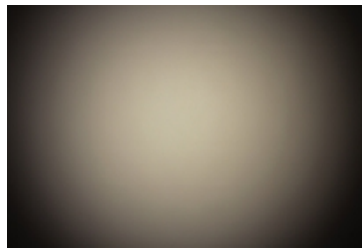
LED LUXEON T  
FWHM 42.0°  
Efficiency 86 %  
Peak intensity 1.600 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):



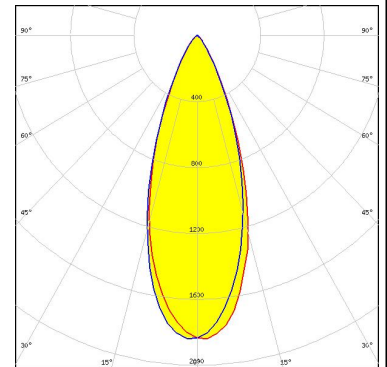
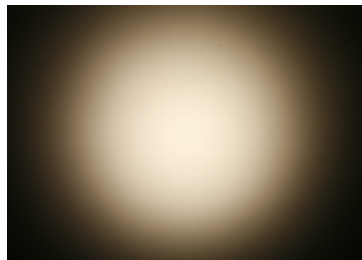
LED LUXEON TX  
 FWHM 40.0°  
 Efficiency 85 %  
 Peak intensity 1.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



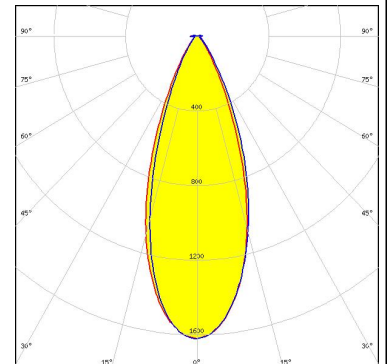
LED NCSxx19A  
 FWHM 39.0°  
 Efficiency 84 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



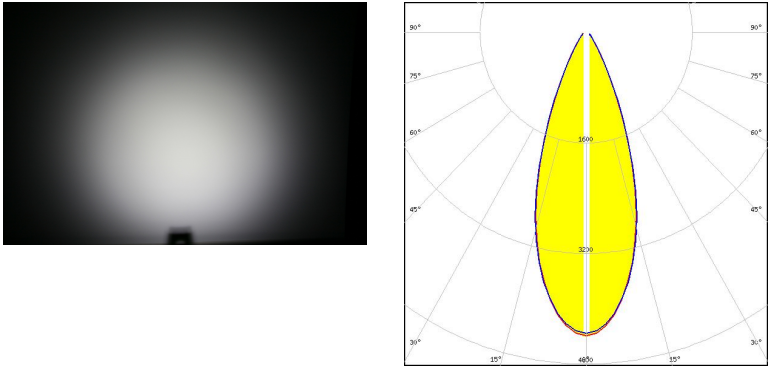
LED NCSxx19B  
 FWHM 38.0°  
 Efficiency 85 %  
 Peak intensity 1.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:





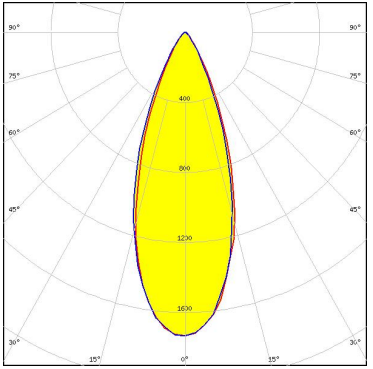

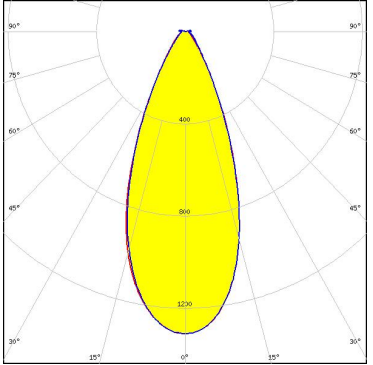
LED NVSxx19A  
 FWHM 38.0°  
 Efficiency 90 %  
 Peak intensity 1.600 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**PHOTOMETRIC DATA (MEASURED):**

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Oslon Square EC            FWHM 36.0°            Efficiency 78 %            Peak intensity 1.850 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Oslon SSL 150            FWHM 40.0°            Efficiency 83 %            Peak intensity cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED Oslon SSL 80            FWHM 40.0°            Efficiency 83 %            Peak intensity cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	 <p>The figure shows two representations of the beam spread for the Oslon SSL 80 LED. On the left is a grayscale beam spread image showing a soft, circular glow. On the right is a beam spread diagram with a yellow beam shape. The diagram includes a vertical axis with a peak intensity of 1800 and a horizontal axis with a width of 4850. The beam is elongated vertically, with a top half-angle of 90° and a bottom half-angle of 12°. The diagram also shows concentric circles representing different beam diameters at various angles.</p>
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED Z5            FWHM 40.0°            Efficiency %            Peak intensity cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	

### PHOTOMETRIC DATA (MEASURED):

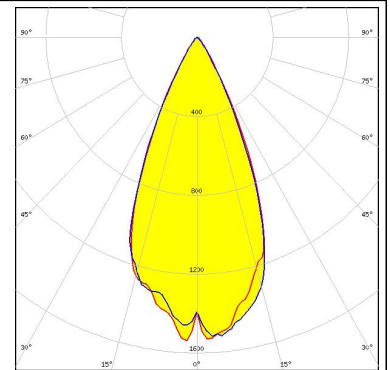
 SEOUL SEMICONDUCTOR			
LED	Z5M1/Z5M2		
FWHM	38.0°		
Efficiency	84 %		
Peak intensity	1.700 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
			
 Leading Innovation >>>			
LED	TL1L3		
FWHM	42.0°		
Efficiency	90 %		
Peak intensity	1.300 cd/lm		
LEDs/each optic	1		
Light colour	White		
Required components:			
			



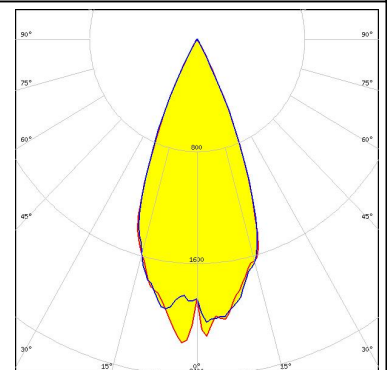
### PHOTOMETRIC DATA (SIMULATED):



LED XHP35 HD  
 FWHM 45.0°  
 Efficiency 90 %  
 Peak intensity 1.640 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



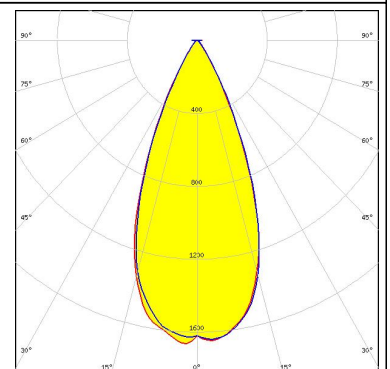
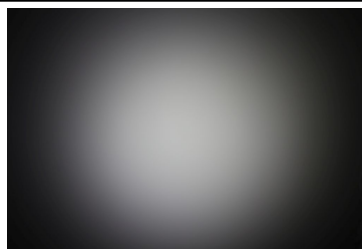
LED XHP35 HI  
 FWHM 41.0°  
 Efficiency 93 %  
 Peak intensity 2.300 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XM-L HVW  
 FWHM 41.0°  
 Efficiency %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G3  
 FWHM 44.0°  
 Efficiency 94 %  
 Peak intensity 1.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



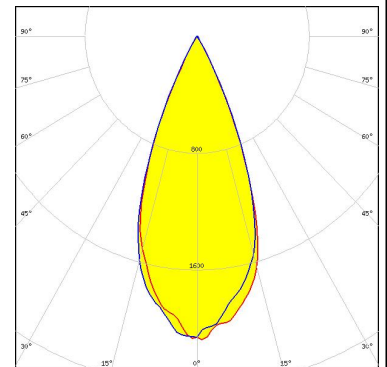
### PHOTOMETRIC DATA (SIMULATED):



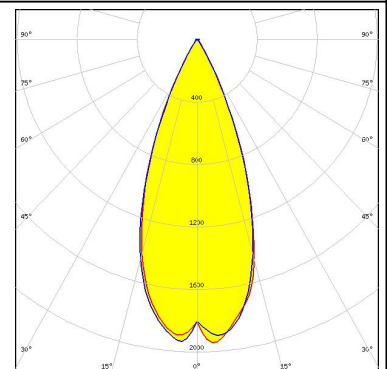
LED XT-E HVW  
FWHM 40.0°  
Efficiency %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON H50-2  
FWHM 41.0°  
Efficiency 90 %  
Peak intensity 2.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



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

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