

## CUTE-3-M

~25° medium beam with 1.5 mm high location pins

### SPECIFICATION:

Dimensions	Ø 35.0 mm
Height	15 mm
Fastening	glue, pin
ROHS compliant	yes ⓘ

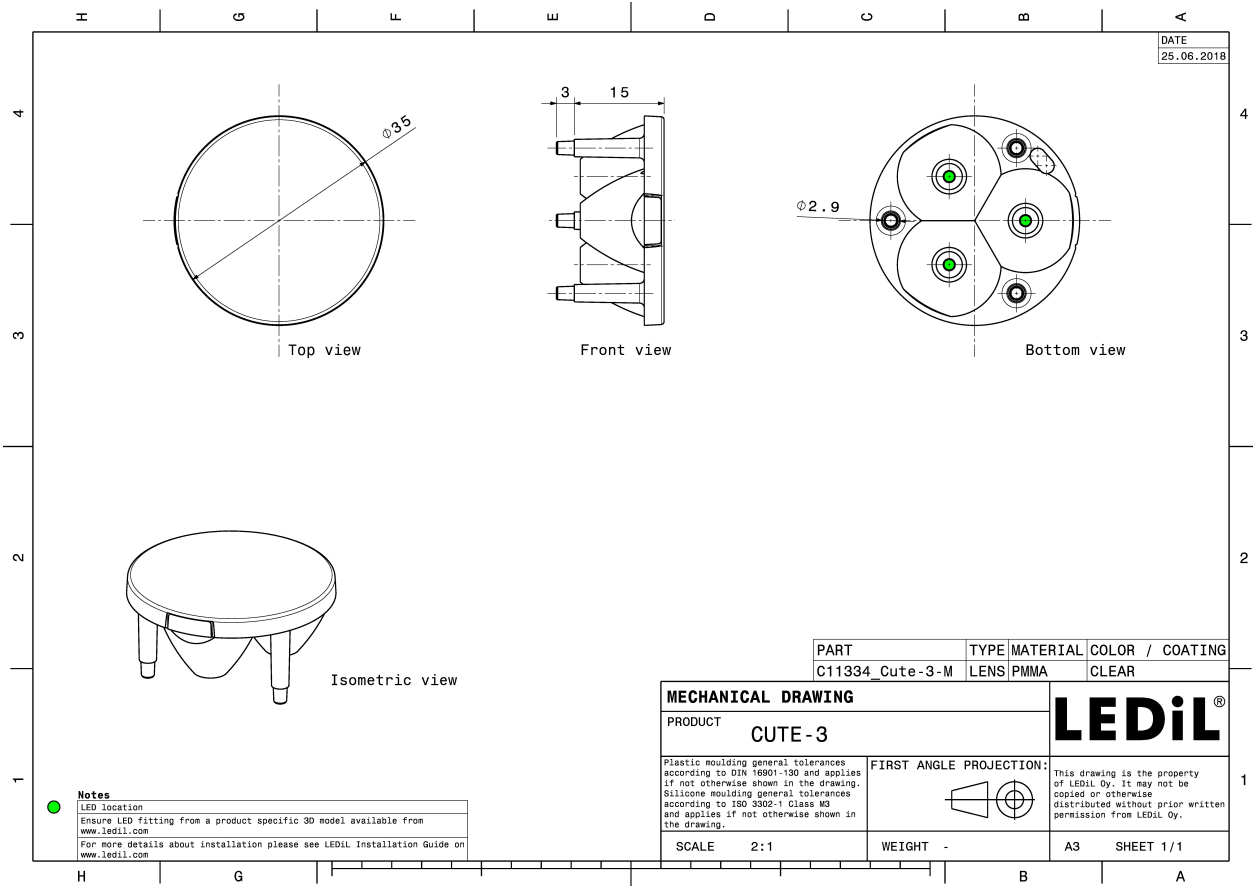


### MATERIALS:

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

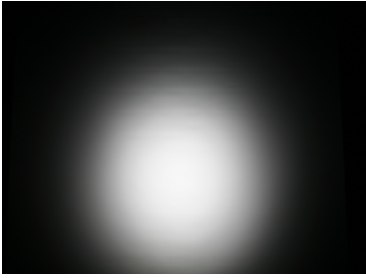
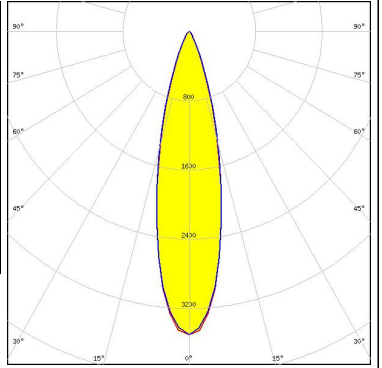

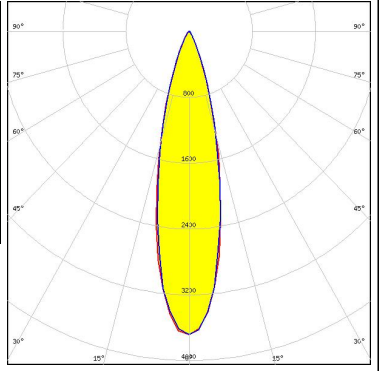

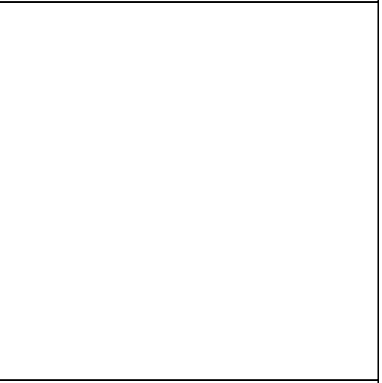


### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
C11334_CUTE-3-M » Box size: 480 x 280 x 300 mm	630	90	45	6.8



See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

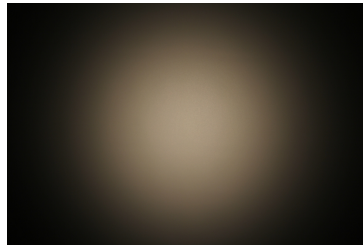
#### OPTICAL RESULTS (MEASURED):

<p><b>CREE</b> LEDs</p> <p>LED XM-L            FWHM / FWTM 25.0°            Efficiency 90 %            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> LEDs</p> <p>LED XM-L2            FWHM / FWTM 26.0° / 49.0°            Efficiency 89 %            Peak intensity 3.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> LEDs</p> <p>LED XP-E            FWHM / FWTM 22.0°            Efficiency 91 %            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> LEDs</p> <p>LED XP-G            FWHM / FWTM 24.0°            Efficiency 91 %            LEDs/each optic 1            Light colour White            Required components:</p>		

### OPTICAL RESULTS (MEASURED):



LED XP-L HD  
FWHM / FWTM 24.0° / 48.0°  
Efficiency 88 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON A  
FWHM / FWTM 24.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON Rebel  
FWHM / FWTM 22.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour White  
Required components:

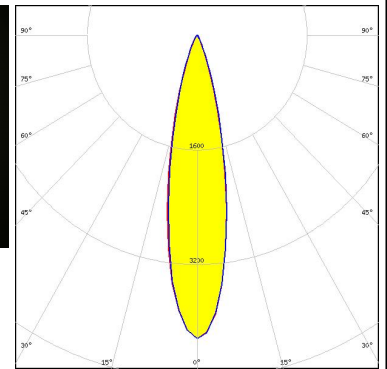


LED LUXEON Rebel ES  
FWHM / FWTM 24.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour White  
Required components:

### OPTICAL RESULTS (MEASURED):

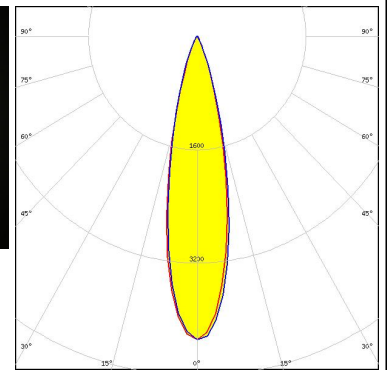
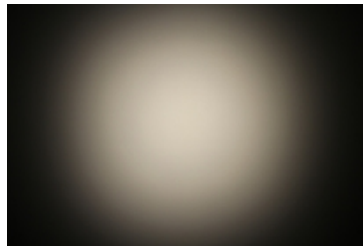
#### LUMILEDS

LED LUXEON T  
 FWHM / FWTM 23.0° / 43.0°  
 Efficiency 89 %  
 Peak intensity 4.2 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### LUMILEDS

LED LUXEON TX  
 FWHM / FWTM 25.0° / 44.0°  
 Efficiency 88 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



#### NICHIA

LED NCSxx19A  
 FWHM / FWTM 25.0°  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### NICHIA

LED NVSxx19A  
 FWHM / FWTM 25.0°  
 Efficiency 88 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

### OPTICAL RESULTS (MEASURED):

#### OSRAM

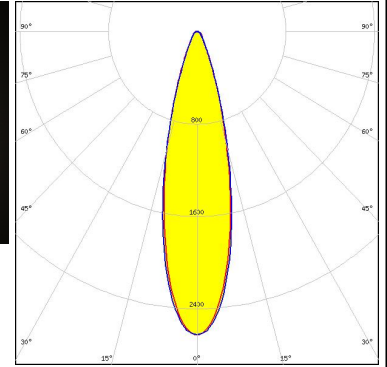
Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 22.0°  
Efficiency 89 %  
LEDs/each optic 1  
Light colour White  
Required components:

#### TOSHIBA

Leading Innovation >>>

LED TL1L3  
FWHM / FWTM 26.0° / 51.0°  
Efficiency 86 %  
Peak intensity 2.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



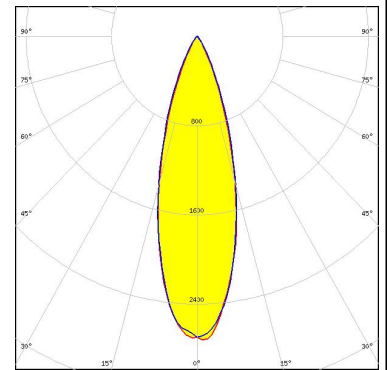
#### OPTICAL RESULTS (SIMULATED):



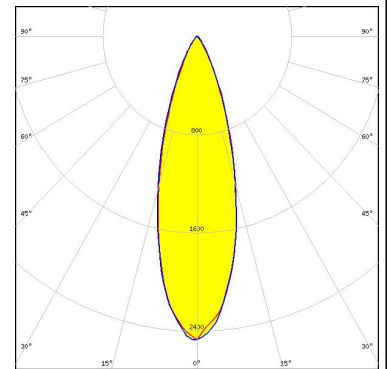
LED XM-L HVW  
 FWHM / FWTM 33.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XP-G2  
 FWHM / FWTM 30.0° / 56.0°  
 Efficiency 90 %  
 Peak intensity 2.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:

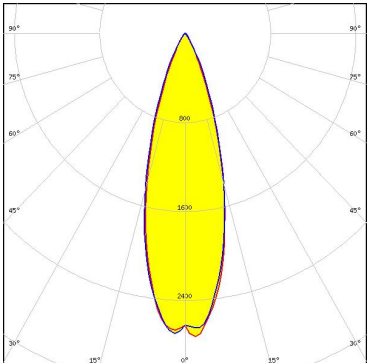
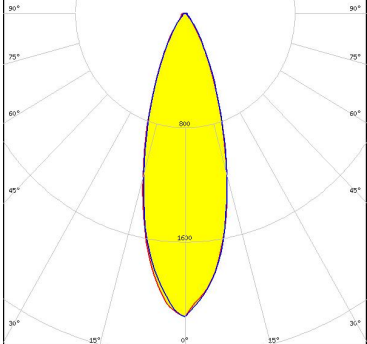
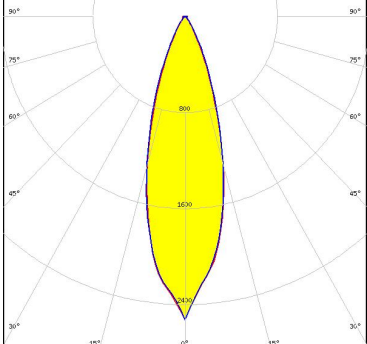
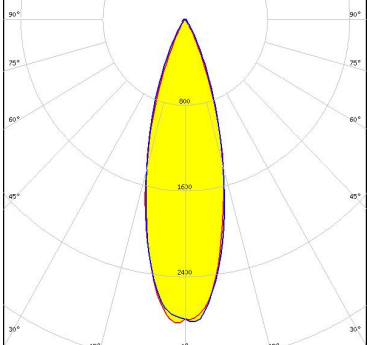


LED XP-G3  
 FWHM / FWTM 30.0° / 59.0°  
 Efficiency 88 %  
 Peak intensity 2.5 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED XT-E HVW  
 FWHM / FWTM 30.0°  
 Efficiency %  
 LEDs/each optic 1  
 Light colour White  
 Required components:

#### OPTICAL RESULTS (SIMULATED):

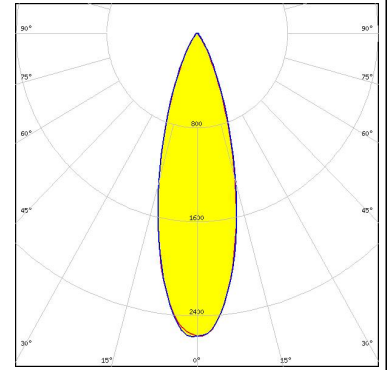
<p><b>LUMILEDS</b></p> <p>LED LUXEON H50-2            FWHM / FWTM 30.0° / 54.0°            Efficiency 90 %            Peak intensity 2.7 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>LUMINUS</b></p> <p>LED SST-70X-WCS            FWHM / FWTM 32.0° / 64.0°            Efficiency 93 %            Peak intensity 2.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C            FWHM / FWTM 30.0° / 57.0°            Efficiency 89 %            Peak intensity 2.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b>  <small>Opto Semiconductors</small></p> <p>LED OSOLON SSL 150            FWHM / FWTM 30.0° / 54.0°            Efficiency 94 %            Peak intensity 2.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	



### OPTICAL RESULTS (SIMULATED):

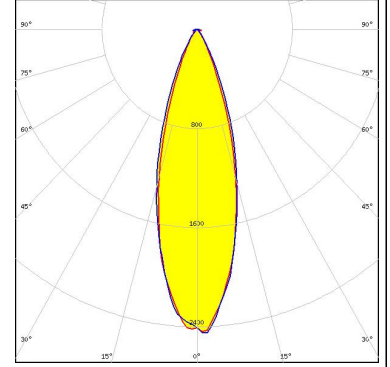
#### SAMSUNG

LED LH351C  
 FWHM / FWTM 30.0° / 58.0°  
 Efficiency 93 %  
 Peak intensity 2.6 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
 FWHM / FWTM 31.0° / 57.0°  
 Efficiency 91 %  
 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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