

## CUTE-3-M

~25° medium beam with 3 mm high location pins

### SPECIFICATION:

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

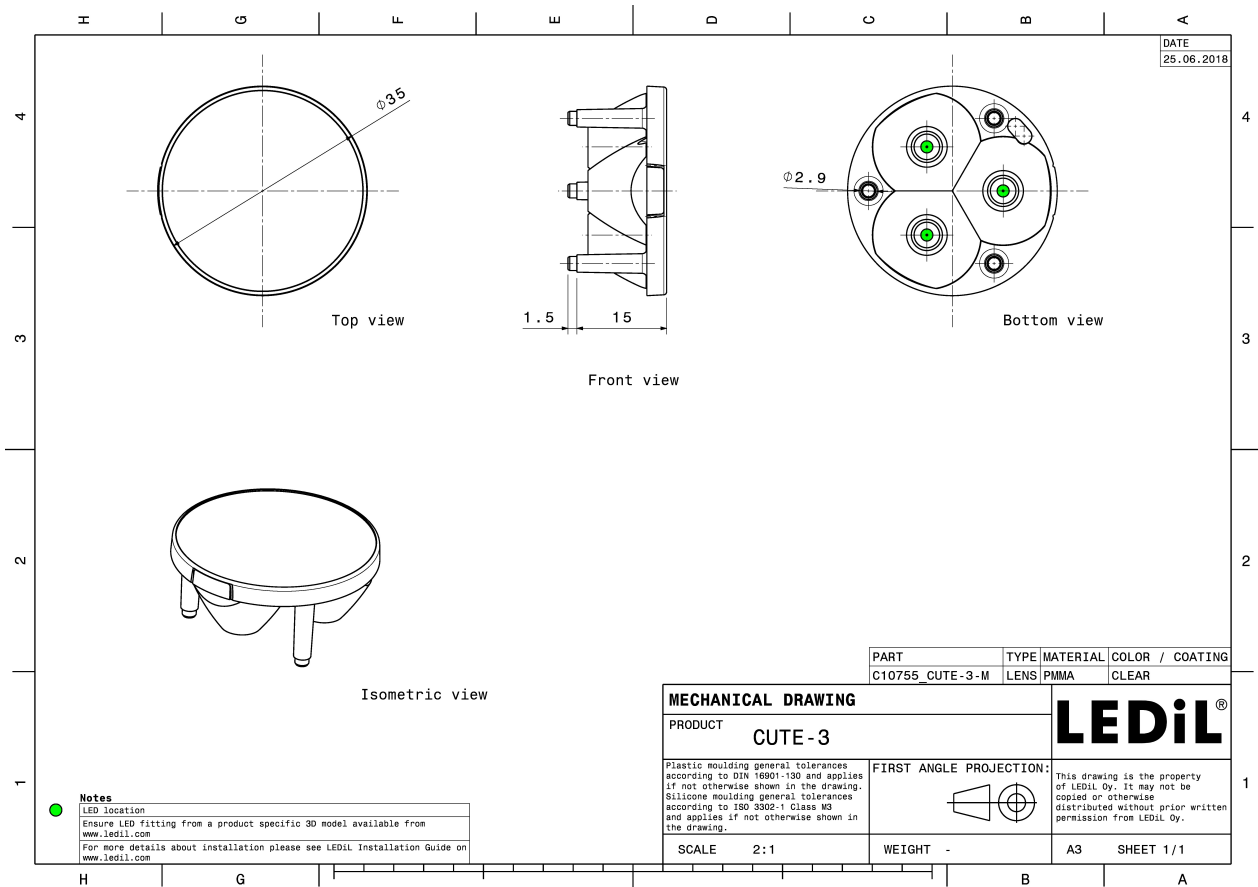
### MATERIALS:

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

### ORDERING INFORMATION:

| Component   | Qty in box | MOQ | MPQ | Box weight (kg) |
|---|------------|-----|-----|-----------------|
| C10755_CUTE-3-M<br>» Box size: 480 x 280 x 300 mm | 630        | 90  | 45  | 7.0             |



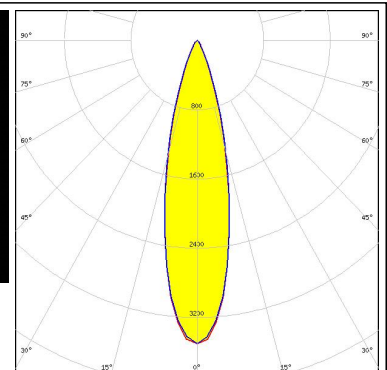
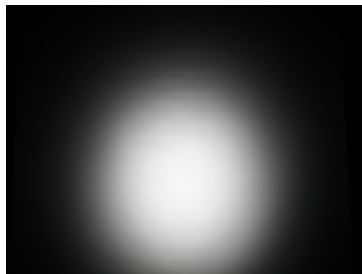


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

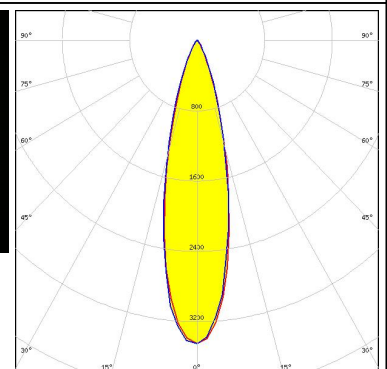
### OPTICAL RESULTS (MEASURED):



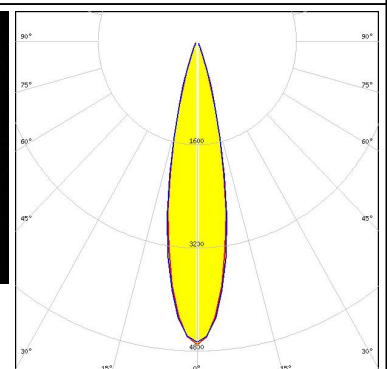
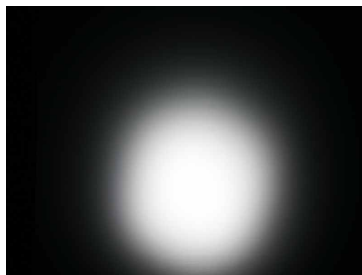
LED XM-L  
FWHM / FWTM 25.0° / 48.0°  
Efficiency 90 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



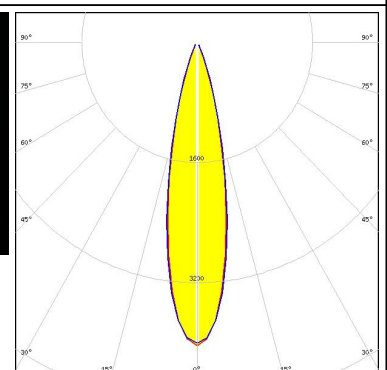
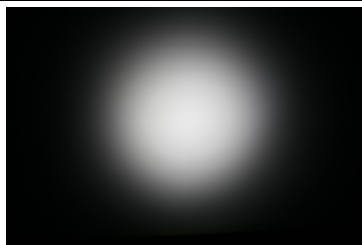
LED XM-L2  
FWHM / FWTM 26.0° / 50.0°  
Efficiency 89 %  
Peak intensity 3.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-E  
FWHM / FWTM 22.0° / 40.0°  
Efficiency 92 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



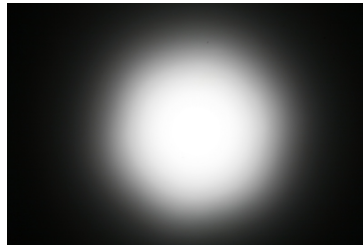
LED XP-G  
FWHM / FWTM 23.0° / 42.0°  
Efficiency 92 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



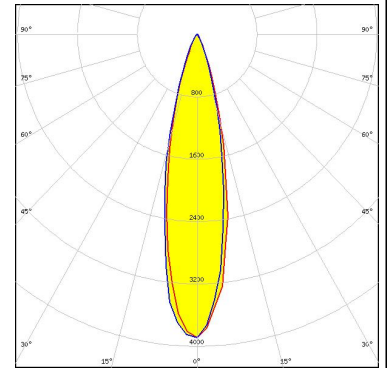
#### OPTICAL RESULTS (MEASURED):



LED XP-G2  
FWHM / FWTM 22.0° / 43.0°  
Efficiency 88 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



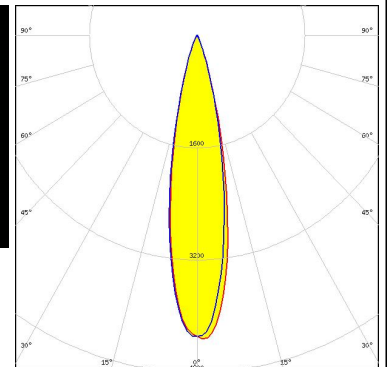
LED XT-E  
FWHM / FWTM 23.0° / 45.0°  
Efficiency 85 %  
Peak intensity 3.9 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON A  
FWHM / FWTM 24.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON Rebel  
FWHM / FWTM 23.0° / 40.0°  
Efficiency 88 %  
Peak intensity 4.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



### OPTICAL RESULTS (MEASURED):



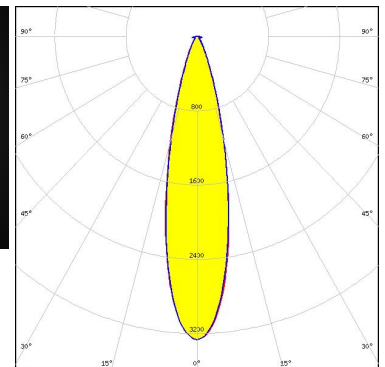
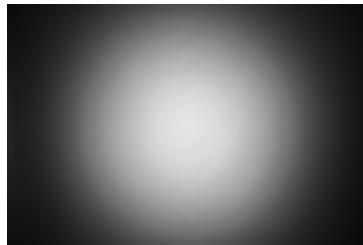
LED LUXEON Rebel ES  
FWHM / FWTM 24.0°  
Efficiency 88 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED NCSxx19A  
FWHM / FWTM 25.0°  
Efficiency 89 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19A  
FWHM / FWTM 24.0° / 48.0°  
Efficiency 93 %  
Peak intensity 3.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



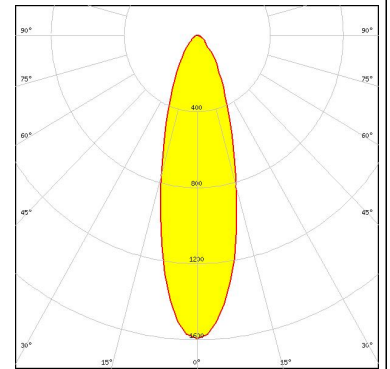
LED OSLOM Square EC  
FWHM / FWTM 28.0° / 60.0°  
Efficiency %  
Peak intensity 2.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### OPTICAL RESULTS (MEASURED):

##### OSRAM

Opto Semiconductors

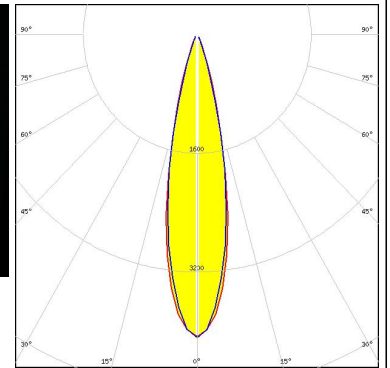
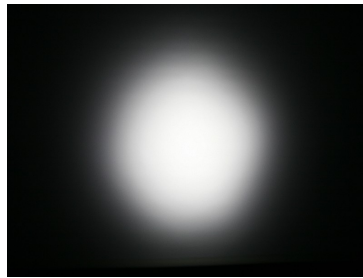
LED OSLON SSL 150  
FWHM / FWTM 31.0° / 58.0°  
Efficiency %  
Peak intensity 1.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



##### OSRAM

Opto Semiconductors

LED OSLON SSL 80  
FWHM / FWTM 23.0° / 38.0°  
Efficiency 89 %  
Peak intensity 4.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



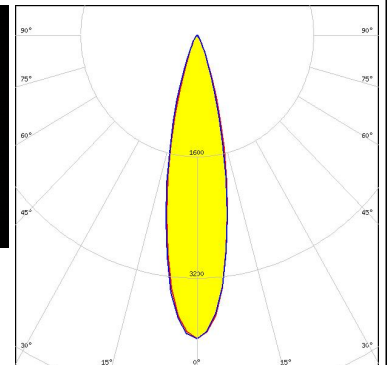
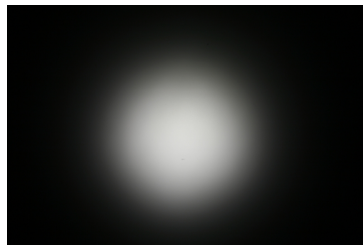
SEOUL SEMICONDUCTOR

LED Z5  
FWHM / FWTM 22.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:



SEOUL SEMICONDUCTOR

LED Z5M1/Z5M2  
FWHM / FWTM 24.0° / 45.0°  
Efficiency 87 %  
Peak intensity 4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



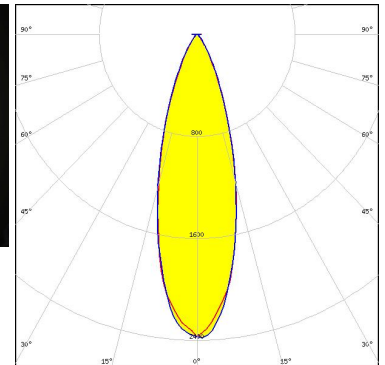
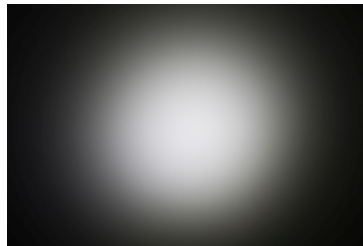
### OPTICAL RESULTS (SIMULATED):



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



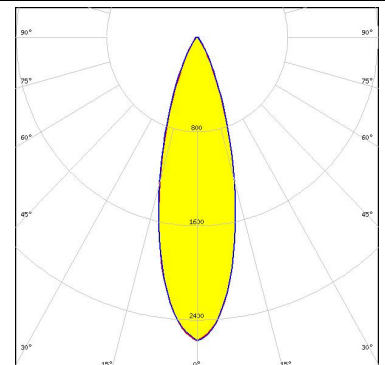
LED XP-G3  
FWHM / FWTM 31.0° / 60.0°  
Efficiency 91 %  
Peak intensity 2.4 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



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

### SAMSUNG

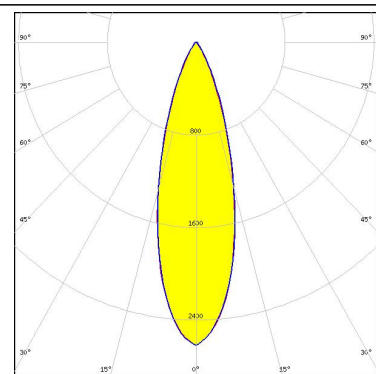
LED LH351B  
FWHM / FWTM 30.0° / 57.0°  
Efficiency 93 %  
Peak intensity 2.6 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



## OPTICAL RESULTS (SIMULATED):

### SAMSUNG

|                      |               |
|----------------------|---------------|
| LED                  | LH351C        |
| FWHM / FWTM          | 30.0° / 57.0° |
| Efficiency           | 93 %          |
| Peak intensity       | 2.6 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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