

## EMILY-WWW

~60° wide beam. 13.43 mm high lens.

### TECHNICAL SPECIFICATIONS:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 26.0 mm |
| Height         | 13.4 mm   |
| Fastening      | tape, pin |
| ROHS compliant | yes ⓘ     |

### MATERIAL SPECIFICATIONS:

| Component    | Type        | Material     | Colour | Finish |
|--------------|-------------|--------------|--------|--------|
| EMILY-WWW    | Single lens | PMMA         | clear  |        |
| SPUTNIK-TAPE | Tape        | Acrylic foam | black  |        |

### ORDERING INFORMATION:

| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA12589_EMILY-WWW              | Single lens | 1690       | 260 | 130 | 11.2            |
| » Box size: 480 x 280 x 300 mm |             |            |     |     |                 |



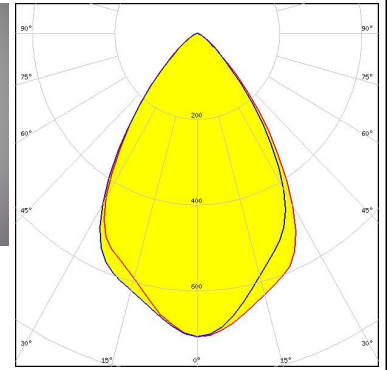


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

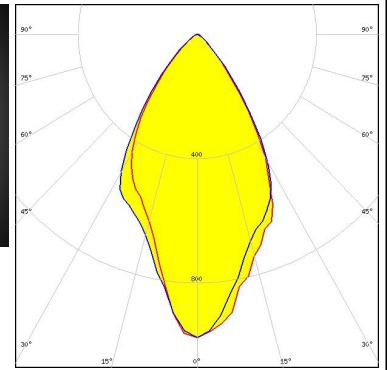
**CREE** 

LED XHP35 HD  
 FWHM / FWTM 70.0° / 101.0°  
 Efficiency 82 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



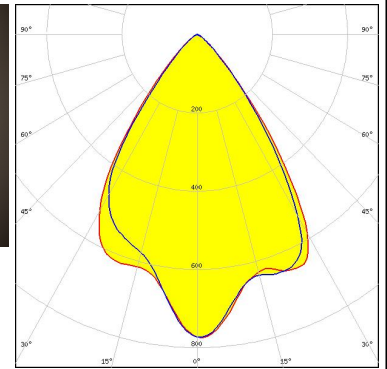
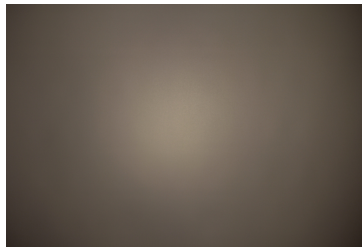
**CREE** 

LED XP-E  
 FWHM / FWTM 58.0° / 89.0°  
 Efficiency 86 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



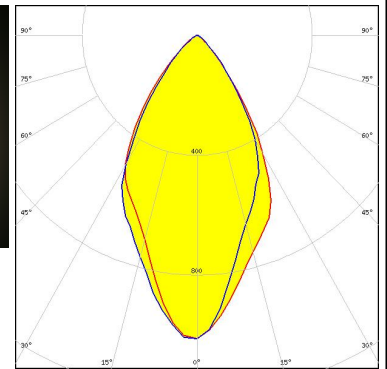
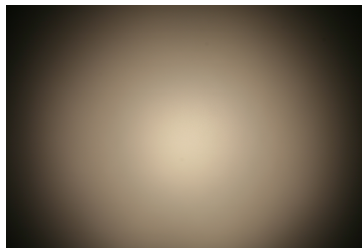
**CREE** 

LED XP-E2  
 FWHM / FWTM 69.0° / 94.0°  
 Efficiency 86 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



**CREE** 

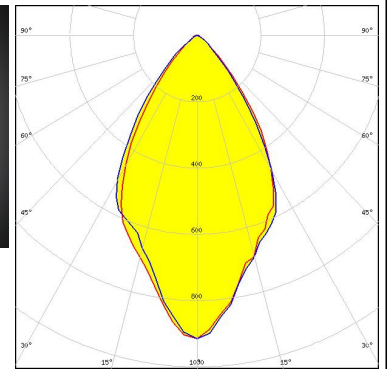
LED XP-G  
 FWHM / FWTM 57.0° / 88.0°  
 Efficiency 86 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

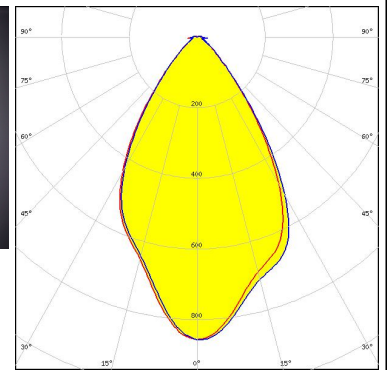
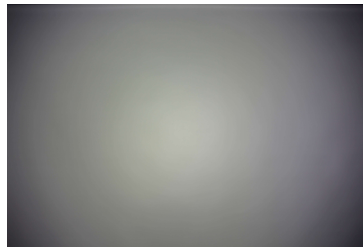
**CREE** 

LED XP-G2  
 FWHM / FWTM 61.0° / 95.0°  
 Efficiency 87 %  
 Peak intensity 0.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



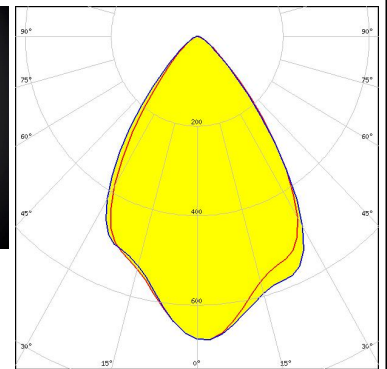
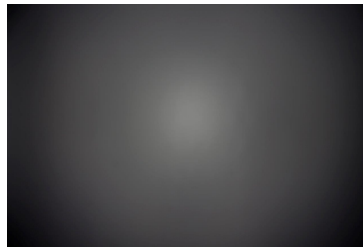
**CREE** 

LED XP-G3  
 FWHM / FWTM 63.0° / 96.0°  
 Efficiency 93 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



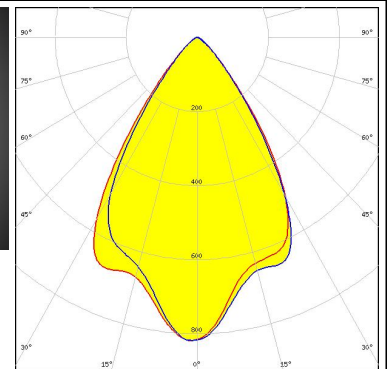
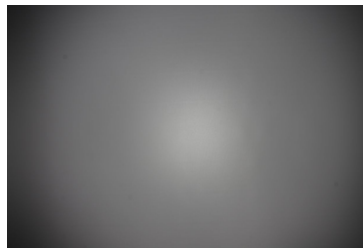
**CREE** 

LED XP-L HD  
 FWHM / FWTM 69.0° / 100.0°  
 Efficiency 82 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



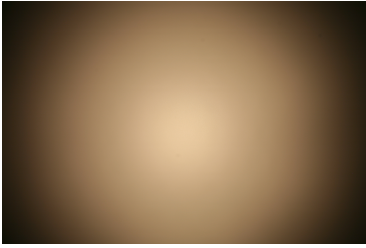
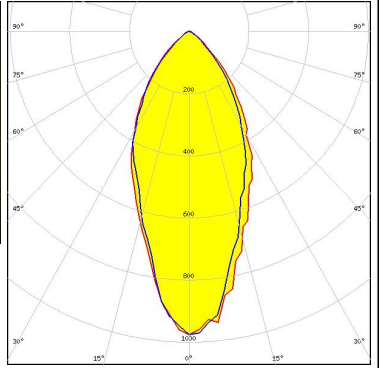

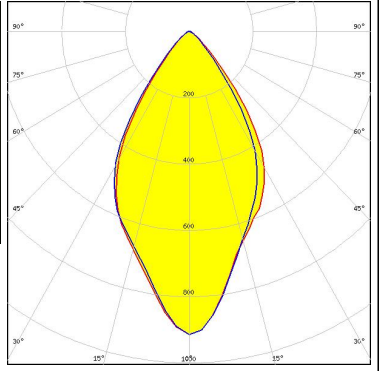
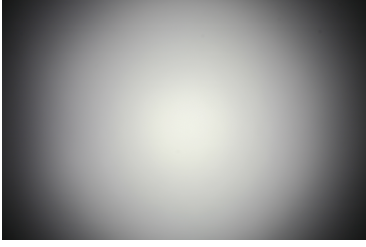
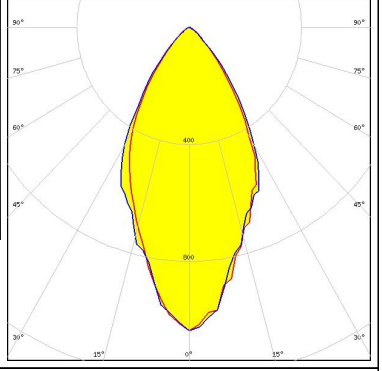
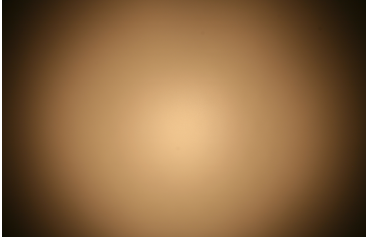
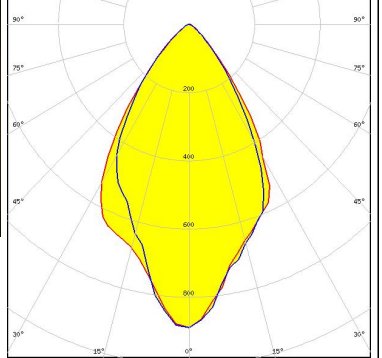
**CREE** 

LED XP-L HI  
 FWHM / FWTM 66.0° / 93.0°  
 Efficiency 88 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:





### PHOTOMETRIC DATA (MEASURED):

|  |  |   |
|--|--|---|
| <p><b>LUMILEDS</b></p> <p>LED LUXEON A</p> <p>FWHM / FWTM 57.0° / 92.0°</p> <p>Efficiency 84 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>                             |    |    |
| <p><b>NICHIA</b></p> <p>LED NCSxx19B</p> <p>FWHM / FWTM 60.0° / 91.0°</p> <p>Efficiency 83 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>                               |   |   |
| <p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C</p> <p>FWHM / FWTM 54.0° / 90.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 1 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>                        |  |  |
| <p><b>OSRAM</b><br/>Opto Semiconductors</p> <p>LED OSLON Square EC</p> <p>FWHM / FWTM 61.0° / 92.0°</p> <p>Efficiency 85 %</p> <p>Peak intensity 0.9 cd/m</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p> |  |  |

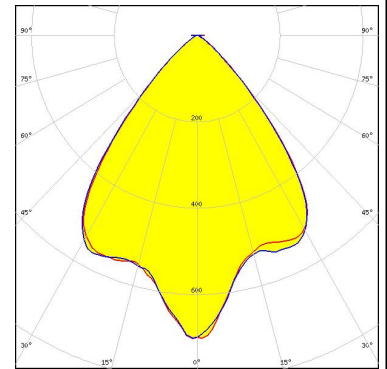
## PHOTOMETRIC DATA (MEASURED):



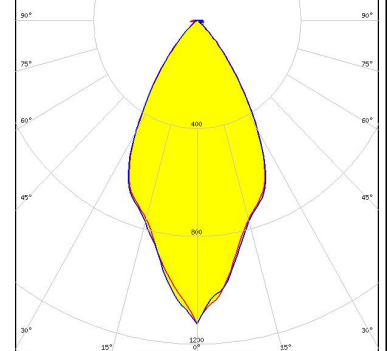
### PHOTOMETRIC DATA (SIMULATED):



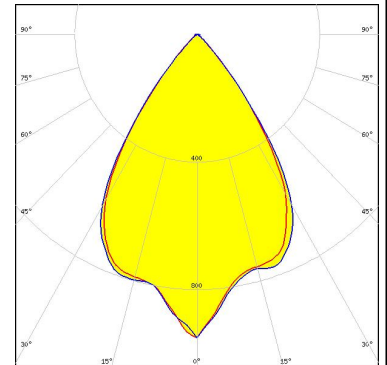
LED XP-G2 HE  
 FWHM / FWTM 78.0° / 102.0°  
 Efficiency 95 %  
 Peak intensity 0.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



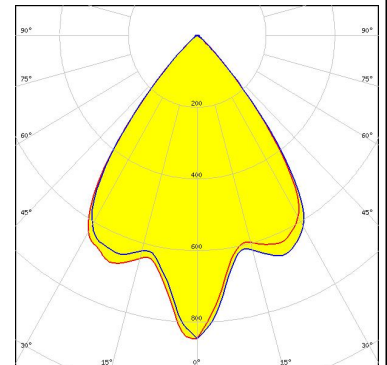
LED NCSxE17A  
 FWHM / FWTM 54.0° / 86.0°  
 Efficiency 90 %  
 Peak intensity 1.1 cd/lm  
 LEDs/each optic 4  
 Light colour White  
 Required components:



Opto Semiconductors  
 LED OSCONIQ P 3030  
 FWHM / FWTM 67.0° / 88.0°  
 Efficiency 97 %  
 Peak intensity 1 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



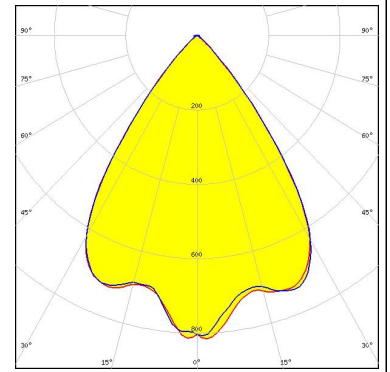
Opto Semiconductors  
 LED OSOLON SSL 150  
 FWHM / FWTM 74.0° / 92.0°  
 Efficiency 96 %  
 Peak intensity 0.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (SIMULATED):

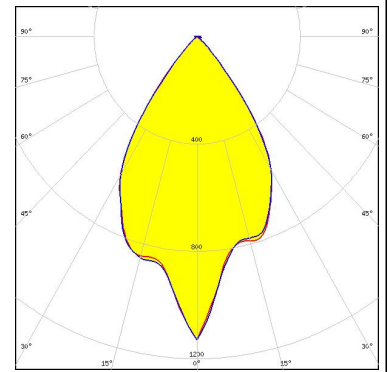
#### OSRAM Opto Semiconductors

LED OSLOM SSL 80  
FWHM / FWTM 72.0° / 91.0°  
Efficiency 96 %  
Peak intensity 0.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### OSRAM Opto Semiconductors

LED SFH 4716AS  
FWHM / FWTM 62.0° / 84.0°  
Efficiency 96 %  
LEDs/each optic 1  
Light colour IR  
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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