

### ZOE-30-ZOOM

Ø30 mm zoomable lens with infinitely adjustable beam from 13 to 42 degrees

#### TECHNICAL SPECIFICATIONS:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 31.6 mm |
| Height         | 20.3 mm   |
| ROHS compliant | yes ⓘ     |



#### MATERIAL SPECIFICATIONS:

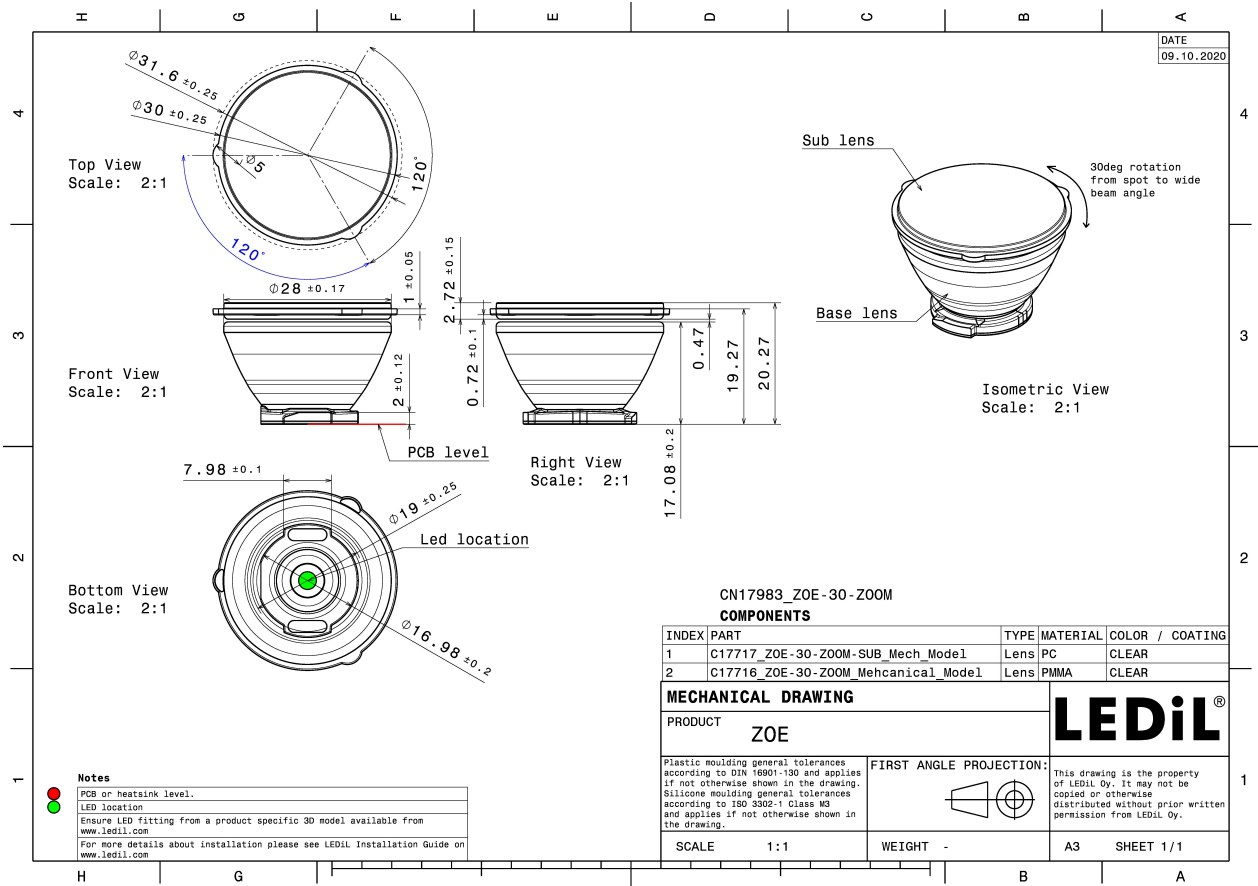
| Component              | Type        | Material | Colour | Finish |
|------------------------|-------------|----------|--------|--------|
| C17716_ZOE-30-ZOOM     | Single lens | PMMA     | clear  |        |
| C17717_ZOE-30-ZOOM-SUB | Sublens     | PC       | clear  |        |

#### ORDERING INFORMATION:

##### Quantities for one set:

|             |   |
|-------------|---|
| Single lens | 1 |
| Sublens     | 1 |

| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| C17716_ZOE-30-ZOOM             | Single lens | 1560       | 104 | 104 | 12.1            |
| » Box size: 480 x 280 x 300 mm |             |            |     |     |                 |
| C17717_ZOE-30-ZOOM-SUB         | Sublens     | 1560       | 104 | 104 | 3.6             |
| » Box size: 480 x 280 x 115 mm |             |            |     |     |                 |

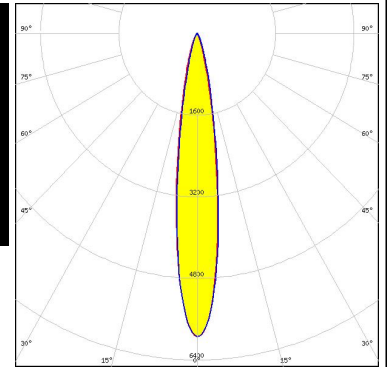


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

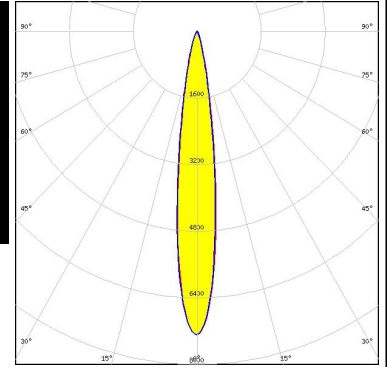
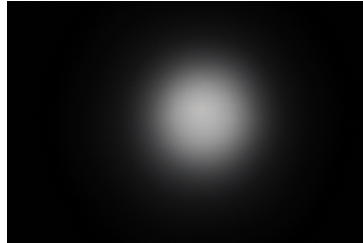
#### CREE LED

LED XHP50.3 HI  
 FWHM / FWTM 16.0 + 43.0° / 34.0 + 67.0°  
 Efficiency 76 %  
 Peak intensity 5.9 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



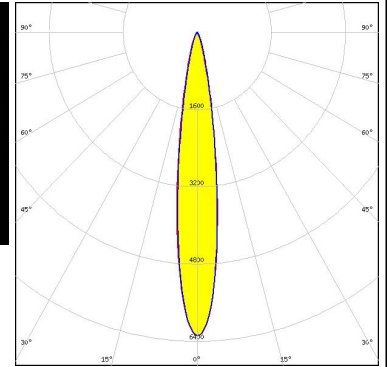
#### CREE LED

LED XM-L3  
 FWHM / FWTM 15.0 + 43.0° / 31.0 + 64.0°  
 Efficiency 78 %  
 Peak intensity 7.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



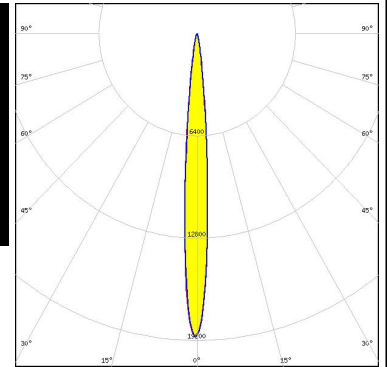
#### CREE LED

LED XP-L2  
 FWHM / FWTM 16.0 + 43.0° / 32.0 + 66.0°  
 Efficiency 75 %  
 Peak intensity 6.3 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:


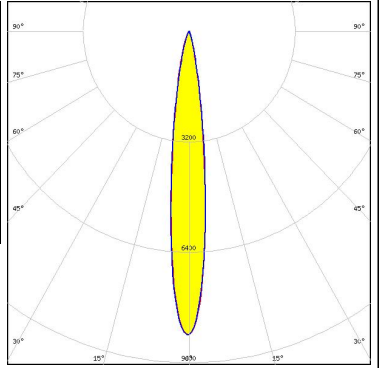

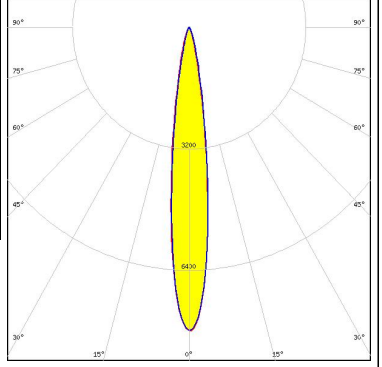

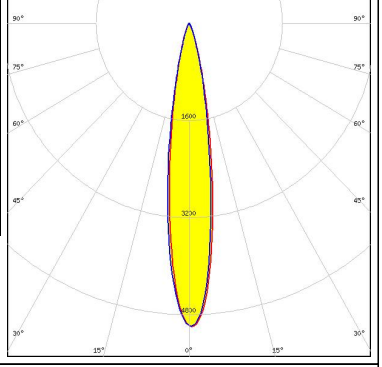

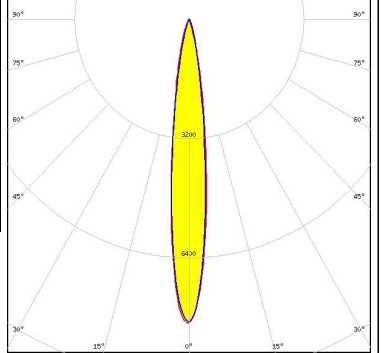


#### CREE LED


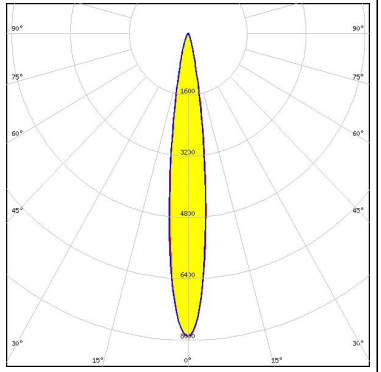

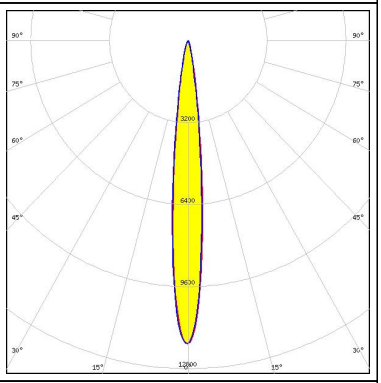

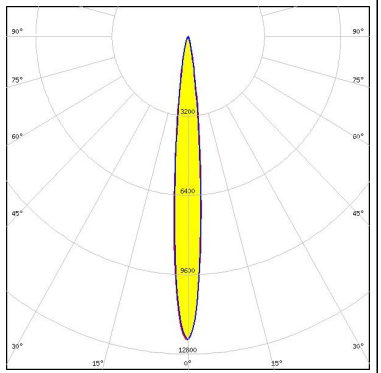
LED XP-P  
 FWHM / FWTM 9.0 + 40.0° / 19.0 + 57.0°  
 Efficiency 80 %  
 Peak intensity 19 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

|  |  |   |
|--|--|---|
| <p><b>LUMILEDS</b></p> <p>LED LUXEON HL2X<br/>           FWHM / FWTM 14.0 + 42.0° / 29.0 + 61.0°<br/>           Efficiency 80 %<br/>           Peak intensity 8.8 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |    |    |
| <p><b>NICHIA</b></p> <p>LED NVSW319B<br/>           FWHM / FWTM 14.0 + 43.0° / 30.0 + 64.0°<br/>           Efficiency 80 %<br/>           Peak intensity 8 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>        |   |   |
| <p><b>NICHIA</b></p> <p>LED NVSW519A<br/>           FWHM / FWTM 17.0 + 43.0° / 35.0 + 65.0°<br/>           Efficiency 68 %<br/>           Peak intensity 5 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>        |  |  |
| <p><b>NICHIA</b></p> <p>LED NVSxE21A<br/>           FWHM / FWTM 14.0 + 41.0° / 29.0 + 63.0°<br/>           Efficiency 76 %<br/>           Peak intensity 8.1 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>      |  |  |

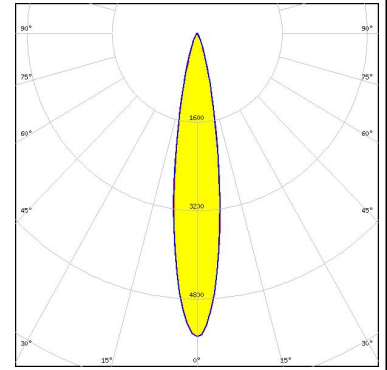
### PHOTOMETRIC DATA (MEASURED):

|   |  |   |
|---|--|---|
| <p><b>OSRAM</b><br/>Opto Semiconductors</p> <p>LED OSCONIQ P 3737 (3W version)</p> <p>FWHM / FWTM 14.0 + 42.0° / 30.0 + 63.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 7.9 cd/lm</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 CSSRM2/CSSRM3</p> <p>FWHM / FWTM 12.0 + 41.0° / 24.0 + 60.0°</p> <p>Efficiency 78 %</p> <p>Peak intensity 11.8 cd/lm</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 Flat</p> <p>FWHM / FWTM 10.0 + 41.0° / 23.0 + 61.0°</p> <p>Efficiency 75 %</p> <p>Peak intensity 12.2 cd/lm</p> <p>LEDs/each optic 1</p> <p>Light colour White</p> <p>Required components:</p>          |  |  |

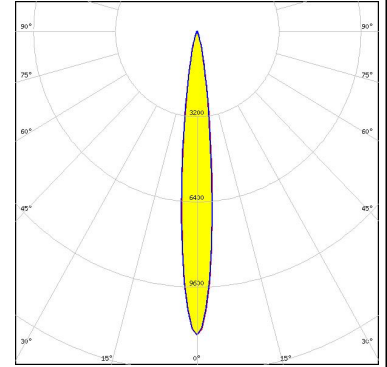
### PHOTOMETRIC DATA (SIMULATED):



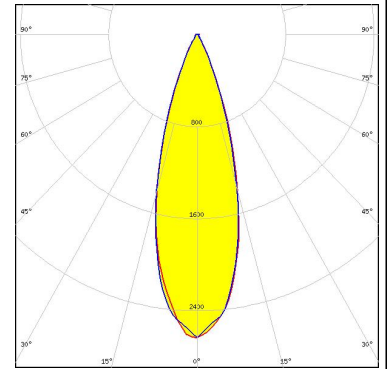
**LED** XHP35 HD  
**FWHM / FWTM** 18.0 + 40.0° / 37.0 + 67.0°  
**Efficiency** 80 %  
**Peak intensity** 5.5 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** XP-L HI  
**FWHM / FWTM** 12.0 + 40.0° / 26.0 + 63.0°  
**Efficiency** 84 %  
**Peak intensity** 11.4 cd/lm  
**LEDs/each optic** 1  
**Light colour** White  
**Required components:**



**LED** SST-40  
**FWHM / FWTM** 16.0 + 40.0° / 34.0 + 66.0°  
**Efficiency** 90 %  
**Peak intensity** 6.8 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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