

## LR2-RS

~9.6° spot beam optimized for LUXEON Rebel ES. 14.8 mm high assembly with installation tape.

### TECHNICAL SPECIFICATIONS:

|                |           |
|----------------|-----------|
| Dimensions     | Ø 21.6 mm |
| Height         | 14.8 mm   |
| Fastening      | tape, pin |
| ROHS compliant | yes ⓘ     |

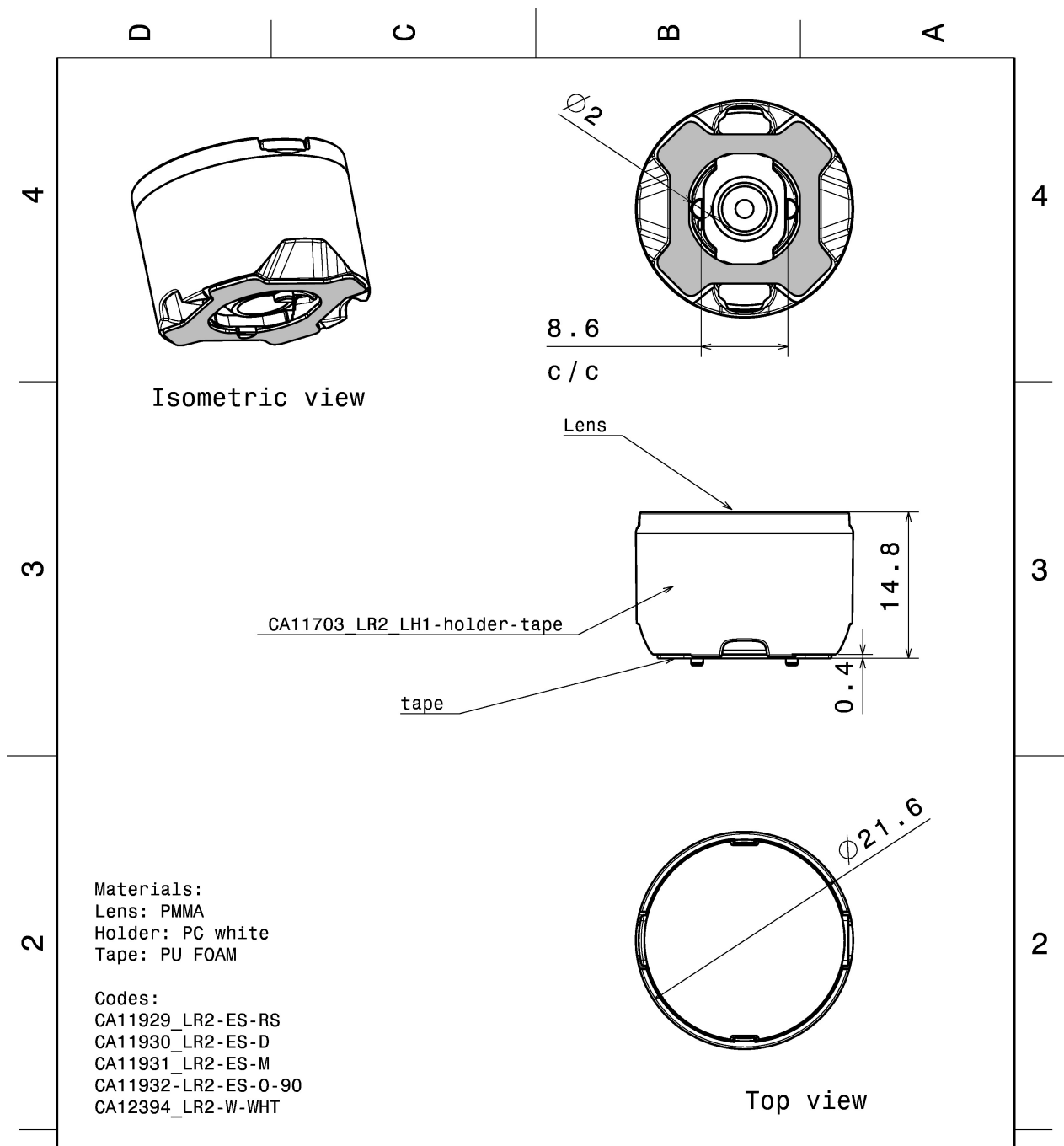
### MATERIAL SPECIFICATIONS:

| Component      | Type        | Material | Colour | Finish |
|----------------|-------------|----------|--------|--------|
| LXP2-RS        | Single lens | PMMA     | clear  |        |
| LR2-ES-LH1-HLD | Holder      | PC       | white  |        |
| HEIDI-TAPE     | Tape        | PU tape  | black  |        |



### ORDERING INFORMATION:

| Component                      |             | Qty in box | MOQ | MPQ | Box weight (kg) |
|--------------------------------|-------------|------------|-----|-----|-----------------|
| CA11929_LR2-RS                 | Single lens | 1680       | 336 | 112 | 9.3             |
| » Box size: 480 x 280 x 300 mm |             |            |     |     |                 |

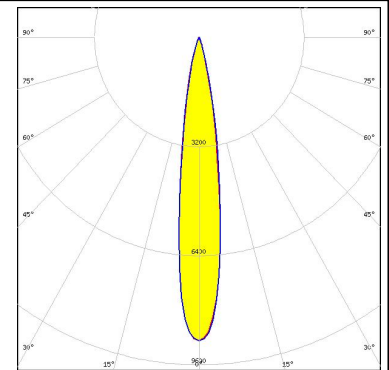


|   |                    |                                     |                     |
|---|--------------------|-------------------------------------|---------------------|
| This drawing is our property. It can't be reproduced or communicated without our written agreement. |                    | <b>LEDiL</b><br>L T F F e e i n n d |                     |
| DRAWN BY<br>a   |                    | DATE<br>21.11.2011                  |                     |
| DRAWING TITLE<br><b>Datasheet LR2-ES series assy</b>  |                    |                                     |                     |
| CHECKED BY<br>s n   | DATE<br>21.11.2011 | SIZE<br><b>A4</b>                   | DRAWING NUMBER<br>- |
| DESIGNED BY<br>pl   | DATE<br>27.08.2010 | SCALE<br>1:1                        | WEIGHT (g)<br>-     |
|   |                    | SHEET<br>1/1                        | REV<br>2            |

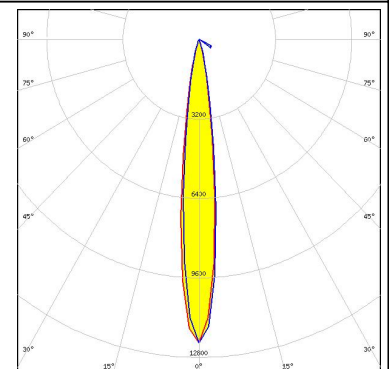
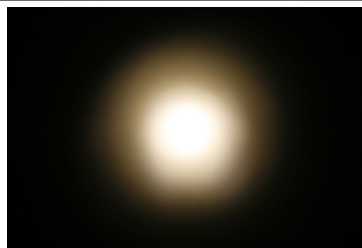
#### PHOTOMETRIC DATA (MEASURED):



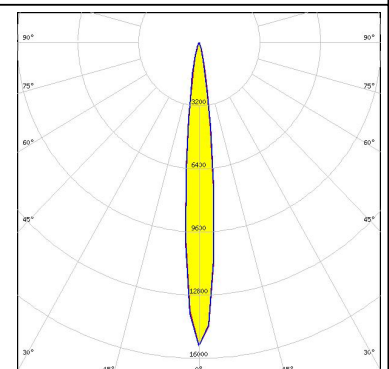
LED XP-L HD  
 FWHM 16.0°  
 Efficiency 91 %  
 Peak intensity 8.9 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON Rebel ES  
 FWHM 11.0°  
 Efficiency 94 %  
 LEDs/each optic 1  
 Light colour White  
 Required components:


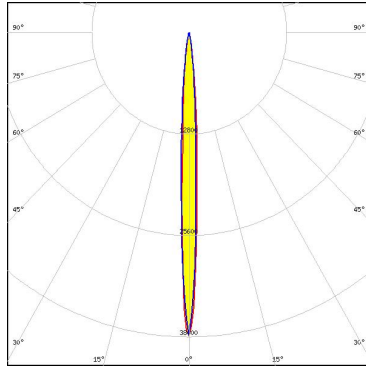

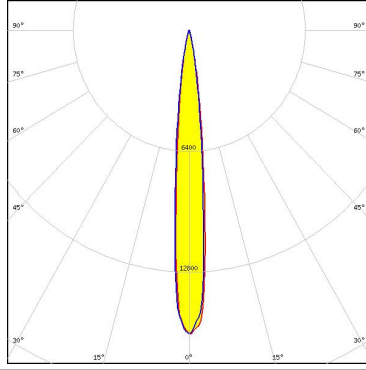

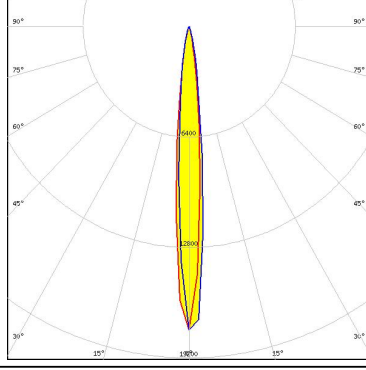


LED LUXEON T  
 FWHM 12.0°  
 Efficiency 91 %  
 Peak intensity 12.2 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON TX  
 FWHM 11.0°  
 Efficiency 91 %  
 Peak intensity 15.4 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:

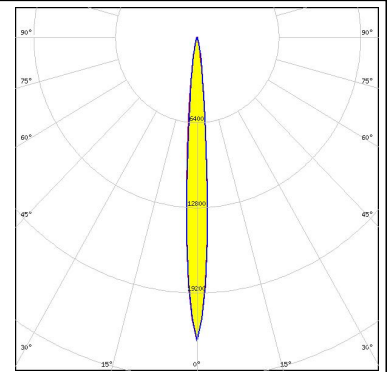
#### PHOTOMETRIC DATA (MEASURED):

|  |  |   |
|--|--|---|
| <p><b>LUMILEDS</b></p> <p>LED LUXEON Z ES<br/>           FWHM 6.0°<br/>           Efficiency 91 %<br/>           Peak intensity 38.3 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>  |    |    |
| <p><b>NICHIA</b></p> <p>LED NVSxx19B/NVSxx19C<br/>           FWHM 11.0°<br/>           Efficiency 94 %<br/>           Peak intensity 16 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p>   |   |   |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED OSOLON Square EC<br/>           FWHM 10.0°<br/>           Efficiency 92 %<br/>           Peak intensity 17.6 cd/lm<br/>           LEDs/each optic 1<br/>           Light colour White<br/>           Required components:</p> |  |  |
| <p><b>OSRAM</b><br/> <small>Opto Semiconductors</small></p> <p>LED PLPVEC2 850A<br/>           FWHM 5.0°<br/>           Efficiency %<br/>           LEDs/each optic 1<br/>           Light colour IR<br/>           Required components:</p>   |  |   |

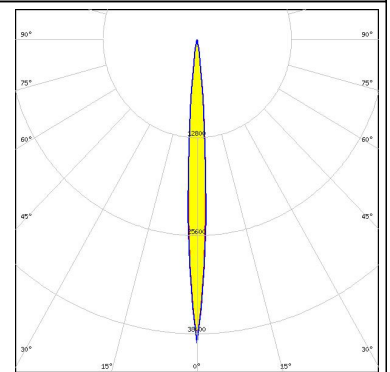
**PHOTOMETRIC DATA (SIMULATED):**



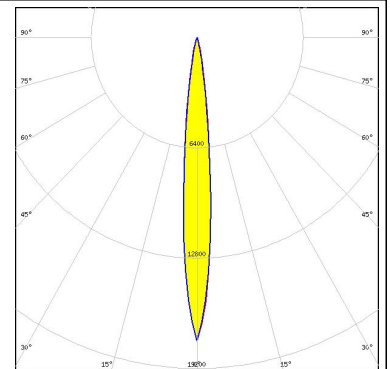
LED XD16  
 FWHM 8.0°  
 Efficiency 91 %  
 Peak intensity 22.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



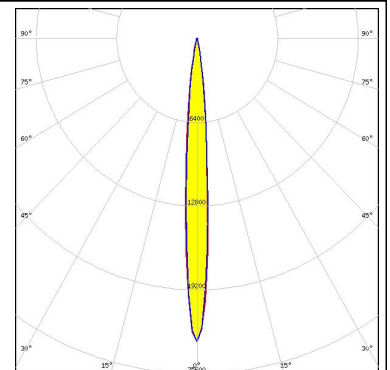
LED XQ-E HD  
 FWHM 7.0°  
 Efficiency 92 %  
 Peak intensity 39 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON H50-2  
 FWHM 10.5°  
 Efficiency 93 %  
 Peak intensity 17.7 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



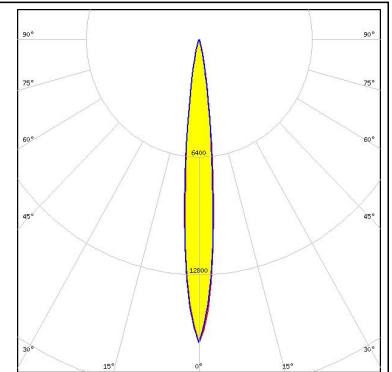
LED LUXEON IR Domed 60  
 FWHM 8.0°  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



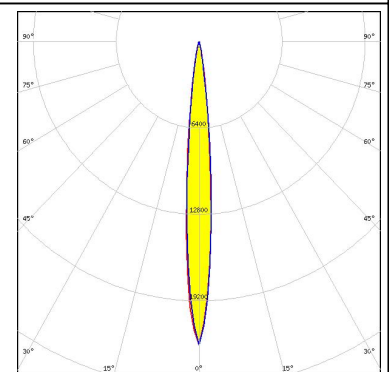
### PHOTOMETRIC DATA (SIMULATED):



LED LUXEON V2  
FWHM 11.0°  
Efficiency 94 %  
Peak intensity 16.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED OSOLON Square CSSRM2/CSSRM3  
FWHM 10.0°  
Efficiency 95 %  
Peak intensity 22.5 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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#### Shipping locations

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#### Distribution Partners

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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