

## 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 ⓘ

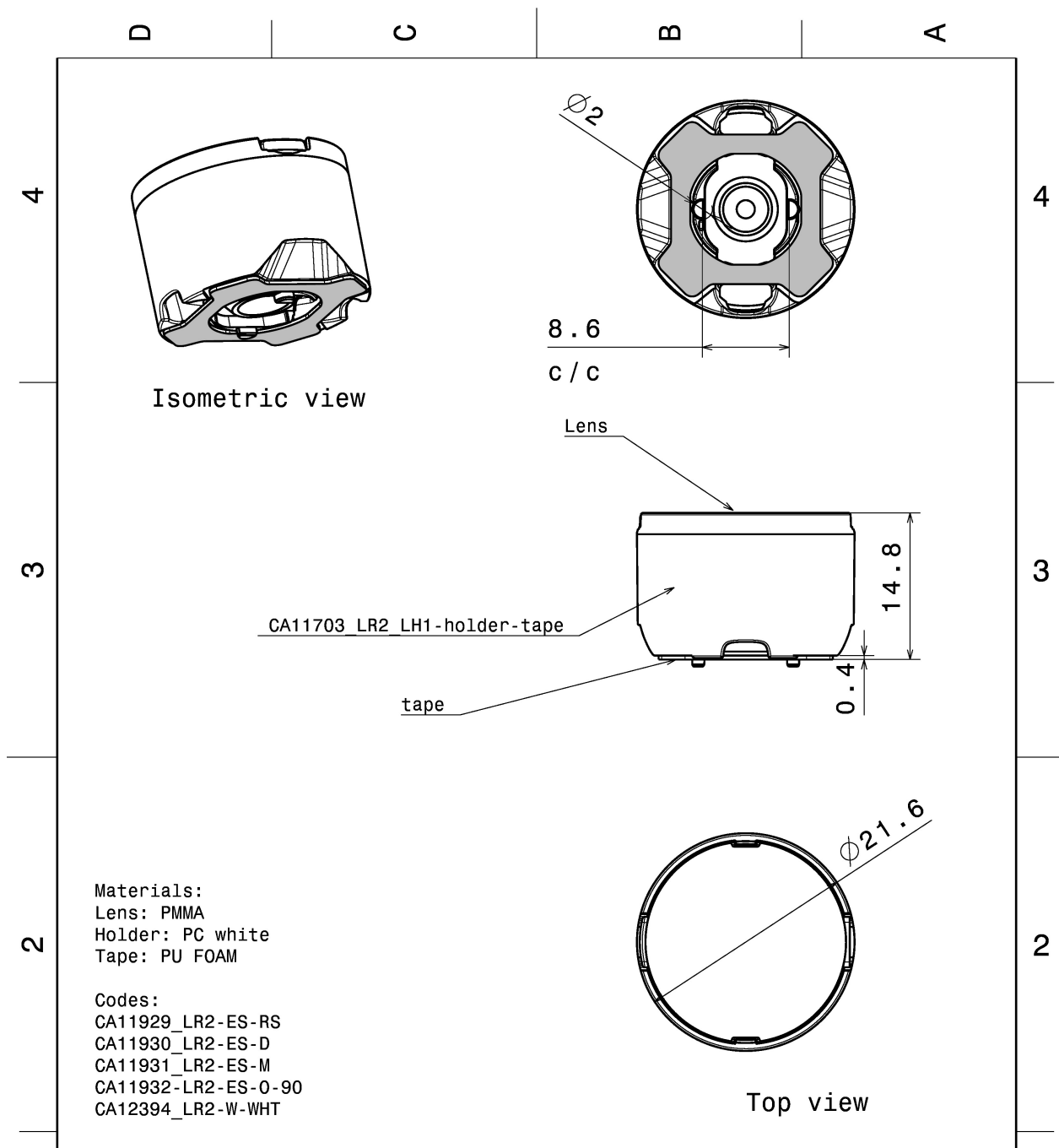
### MATERIAL SPECIFICATIONS:

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					

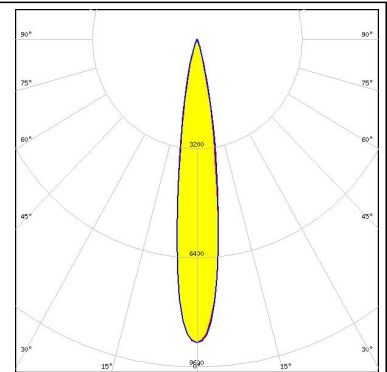


This drawing is our property. It can't be reproduced or communicated without our written agreement.		<b>LEDiL</b> L T F F e e i n n d	
DRAWN BY a		DATE 21.11.2011	
DRAWING TITLE <b>Datasheet LR2-ES series assy</b>			
CHECKED BY s n	DATE 21.11.2011	SIZE <b>A4</b>	DRAWING NUMBER -
DESIGNED BY pl	DATE 27.08.2010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

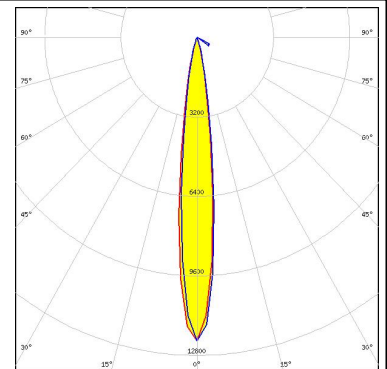
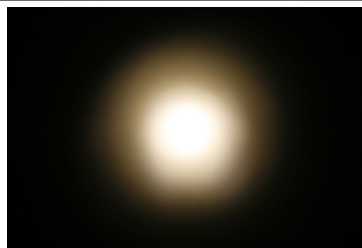
#### PHOTOMETRIC DATA (MEASURED):



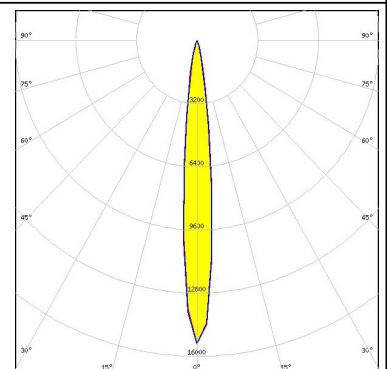
LED XP-L HD  
 FWHM 16.0°  
 Efficiency 91 %  
 Peak intensity 8.9 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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


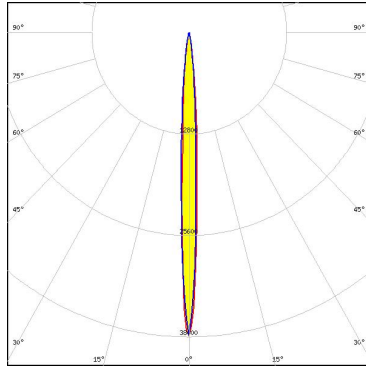

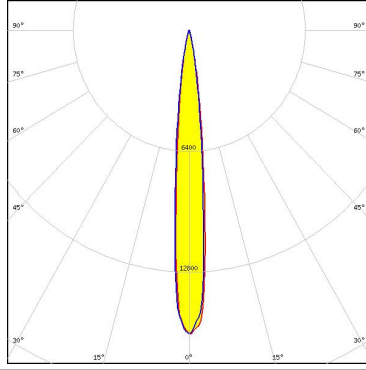

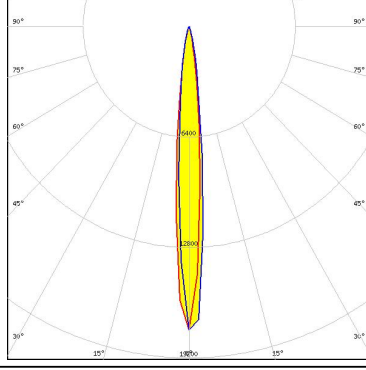


LED LUXEON T  
 FWHM 12.0°  
 Efficiency 91 %  
 Peak intensity 12.2 cd/Im  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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

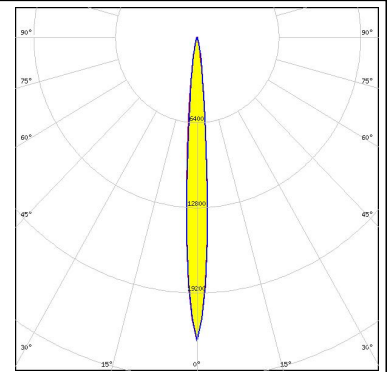
**PHOTOMETRIC DATA (MEASURED):**

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

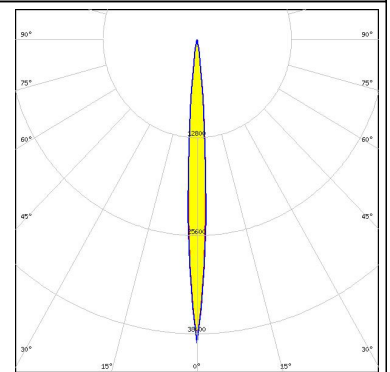
#### PHOTOMETRIC DATA (SIMULATED):



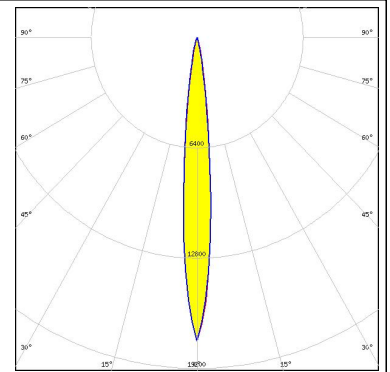
LED XD16  
 FWHM 8.0°  
 Efficiency 91 %  
 Peak intensity 22.8 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



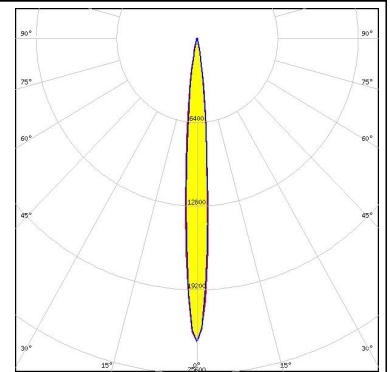
LED XQ-E HD  
 FWHM 7.0°  
 Efficiency 92 %  
 Peak intensity 39 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



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



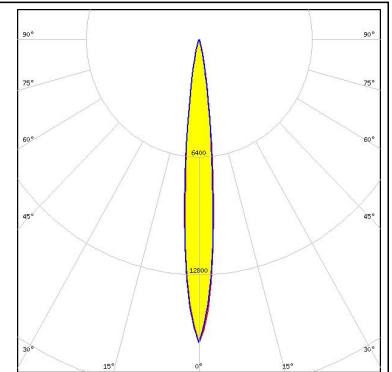
LED LUXEON IR Domed 60  
 FWHM 8.0°  
 Efficiency 92 %  
 LEDs/each optic 1  
 Light colour IR  
 Required components:



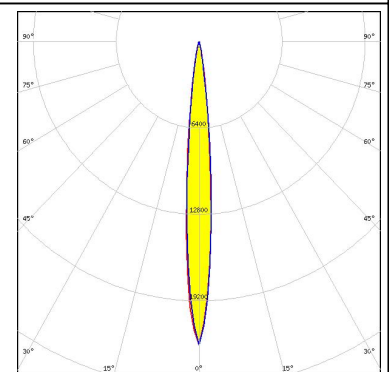
### PHOTOMETRIC DATA (SIMULATED):



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



OSRAM  
Opto Semiconductors  
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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- Поставка более 17-ти миллионов наименований электронных компонентов;
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- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
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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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