

## LR2-D

~14° diffused spot beam optimized for LUXEON Rebel ES. 14.8 mm high assembly with installation tape.

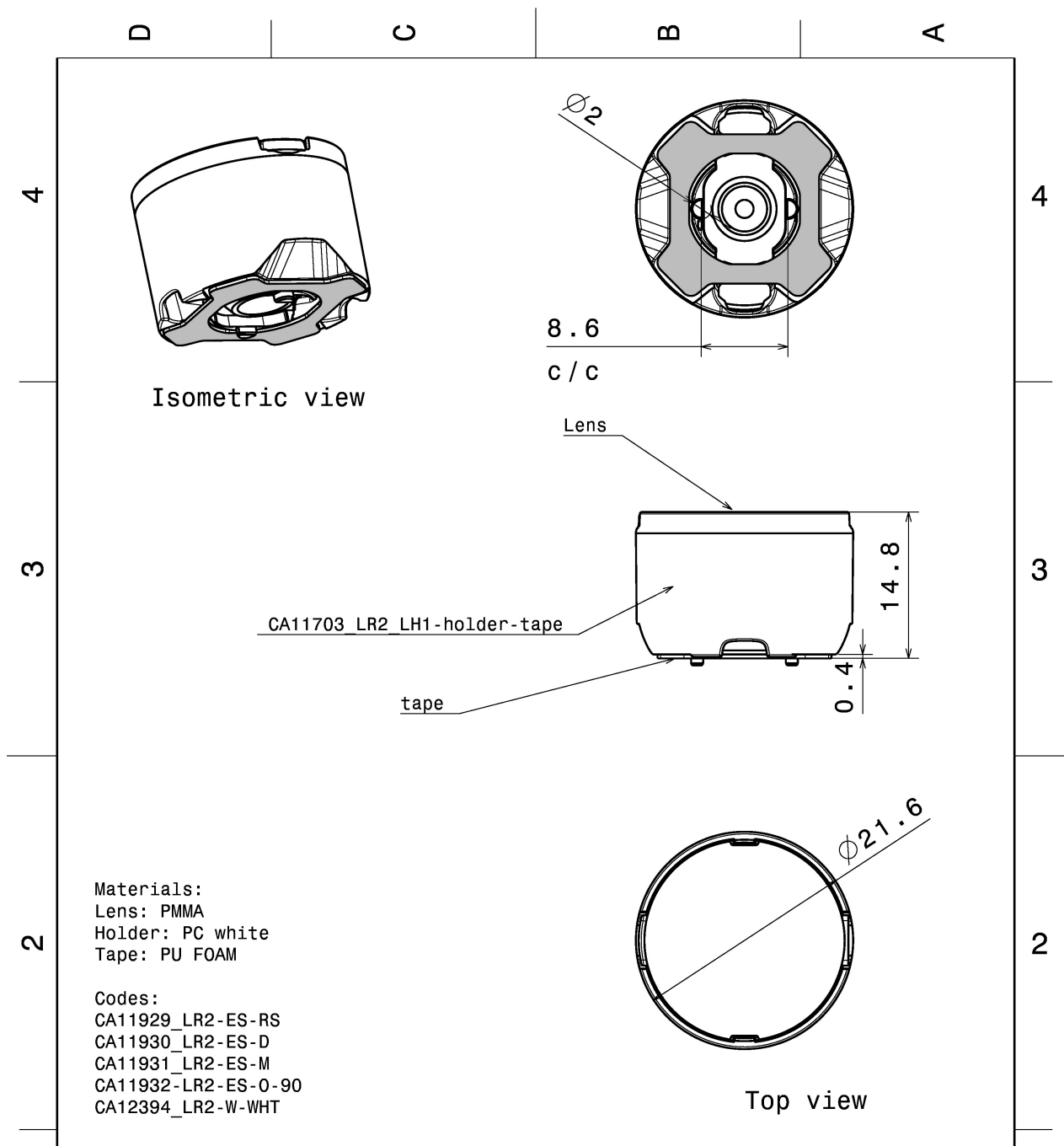
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
Colour	white
Box size	480 x 280 x 300 mm
Box weight	9.6 kg
Quantity in Box	1680 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

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

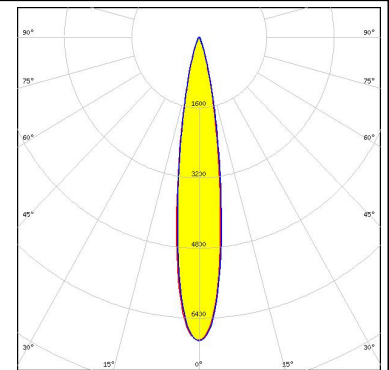


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DRAWN BY a		DATE 21.11.2011	
CHECKED BY s n		DATE 21.11.2011	
DESIGNED BY pl		DATE 27.08.2010	
DRAWING TITLE Datasheet LR2-ES series assy		SIZE A4	DRAWING NUMBER -
SCALE 1:1		WEIGHT (g)	REV 2
SHEET 1/1			

#### PHOTOMETRIC DATA (MEASURED):



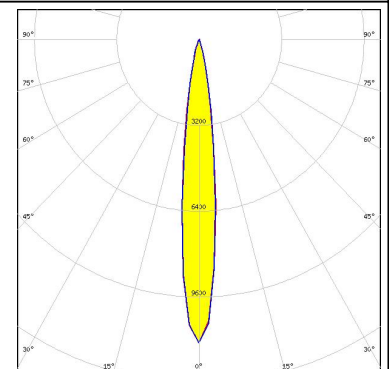
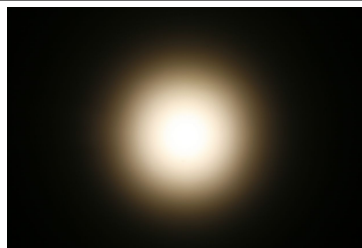
LED XP-L HD  
 FWHM 17.0°  
 Efficiency 92 %  
 Peak intensity 6.910 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



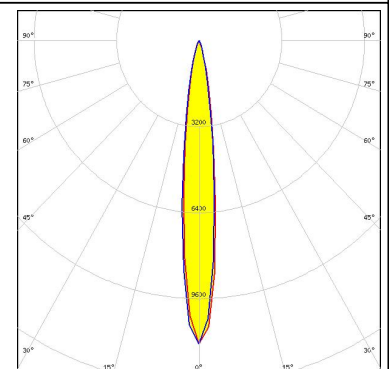
LED LUXEON Rebel ES  
 FWHM 14.0°  
 Efficiency 92 %  
 Peak intensity cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON T  
 FWHM 14.0°  
 Efficiency 94 %  
 Peak intensity 7.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



LED LUXEON TX  
 FWHM 13.0°  
 Efficiency 90 %  
 Peak intensity 11.280 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



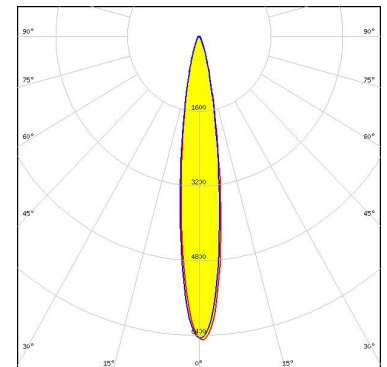
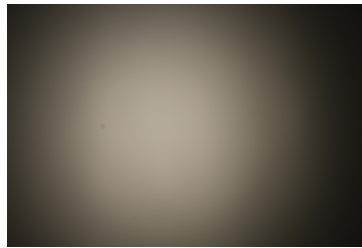
### PHOTOMETRIC DATA (MEASURED):



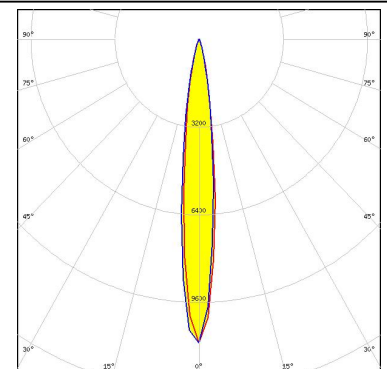
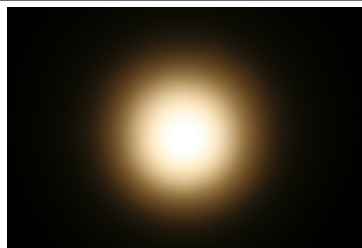
LED LUXEON Z ES  
FWHM 10.0°  
Efficiency 90 %  
Peak intensity 15.400 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED NVSxx19B/NVSxx19C  
FWHM 15.0°  
Efficiency 92 %  
Peak intensity 6.500 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



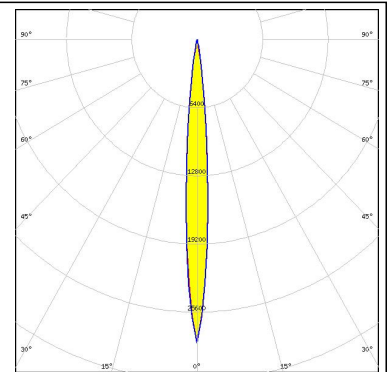
LED Oslon Square EC  
FWHM 12.0°  
Efficiency 91 %  
Peak intensity 11.100 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



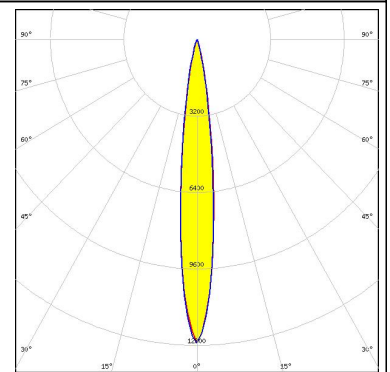
### PHOTOMETRIC DATA (SIMULATED):



LED XQ-E HD  
FWHM 9.0°  
Efficiency 92 %  
Peak intensity 28.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON H50-2  
FWHM 12.5°  
Efficiency 93 %  
Peak intensity 12.600 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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