

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 ⓘ

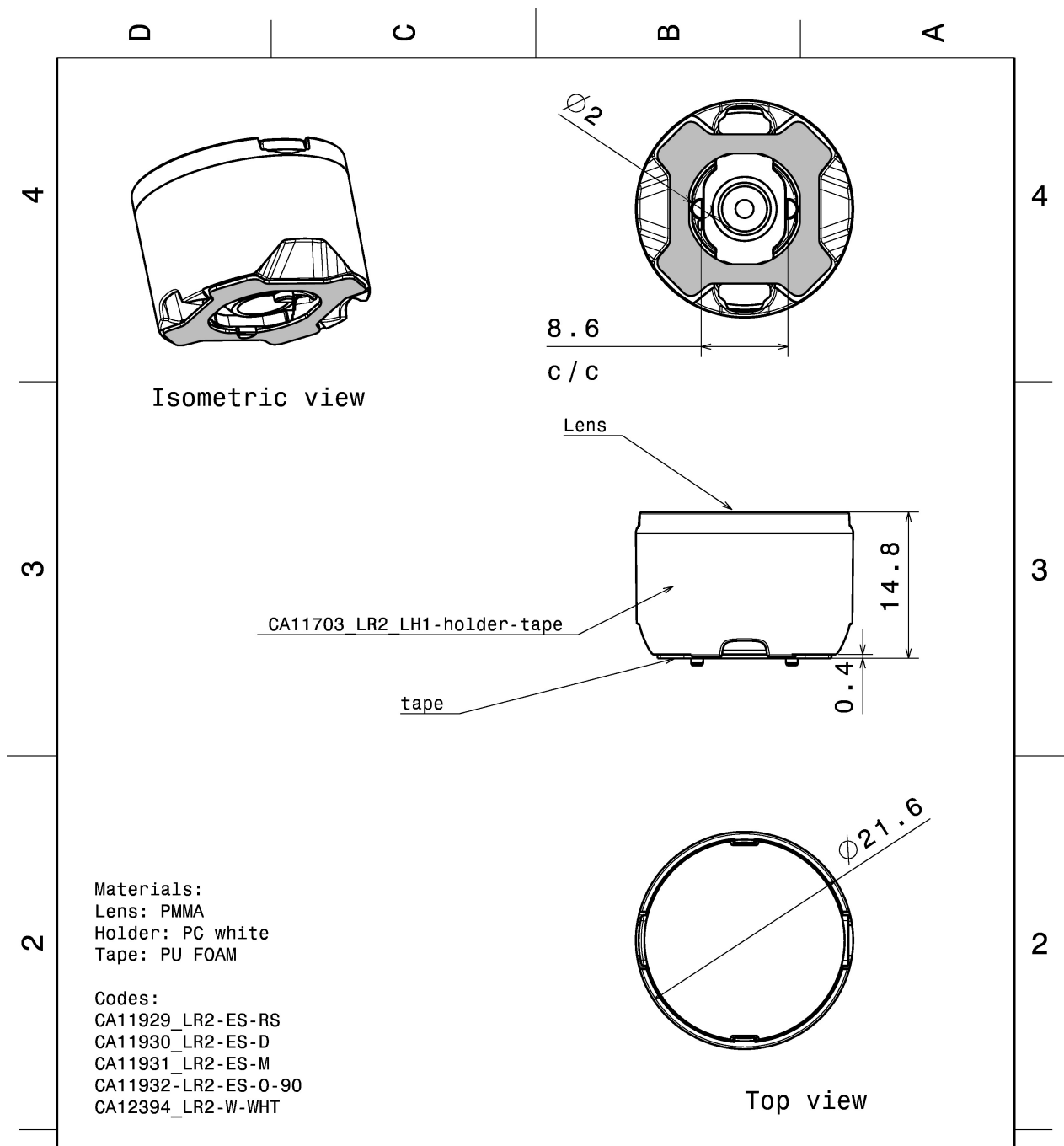
MATERIAL SPECIFICATIONS:

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					

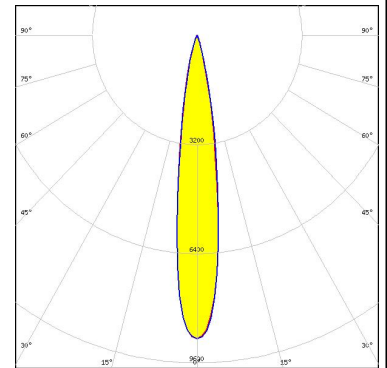


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DRAWN BY a		DATE 21.11.2011	
DRAWING TITLE Datasheet LR2-ES series assy			
CHECKED BY s n	DATE 21.11.2011	SIZE A4	DRAWING NUMBER -
DESIGNED BY pl	DATE 27.08.2010	SCALE 1:1	WEIGHT (g) -
		SHEET 1/1	REV 2

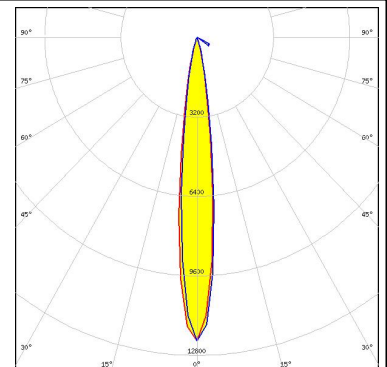
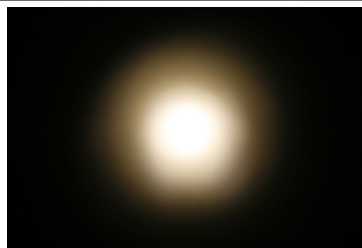
PHOTOMETRIC DATA (MEASURED):



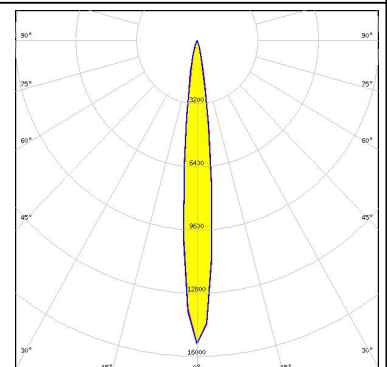
LED XP-L HD
 FWHM 16.0°
 Efficiency 91 %
 Peak intensity 8.9 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



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


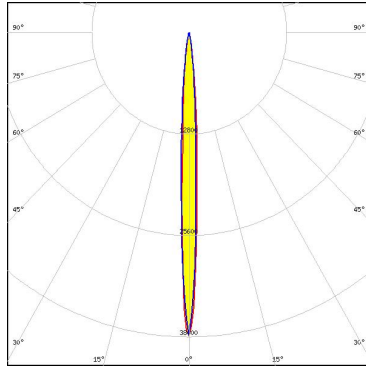

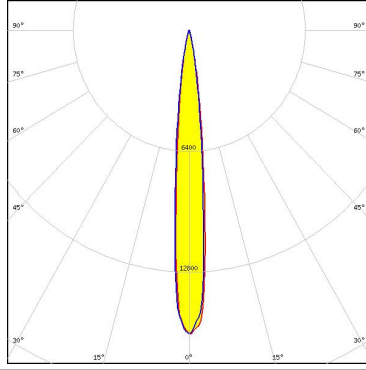

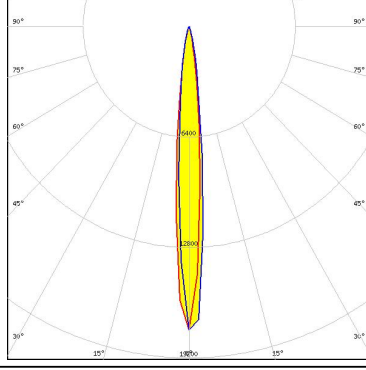


LED LUXEON T
 FWHM 12.0°
 Efficiency 91 %
 Peak intensity 12.2 cd/Im
 LEDs/each optic 1
 Light colour White
 Required components:



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

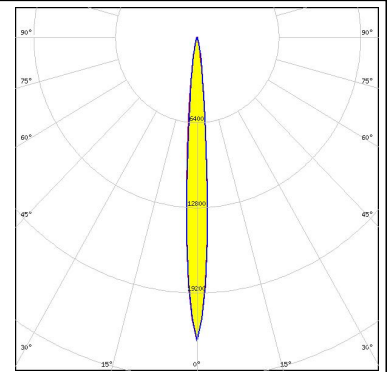
PHOTOMETRIC DATA (MEASURED):

<p>LUMILEDS</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>NICHIA</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>OSRAM 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>OSRAM Opto Semiconductors</p> <p>LED PLPVEC2 850A FWHM 5.0° Efficiency % LEDs/each optic 1 Light colour IR Required components:</p>		

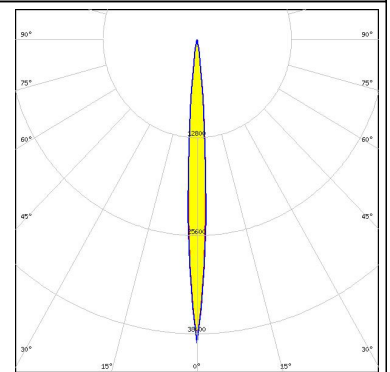
PHOTOMETRIC DATA (SIMULATED):



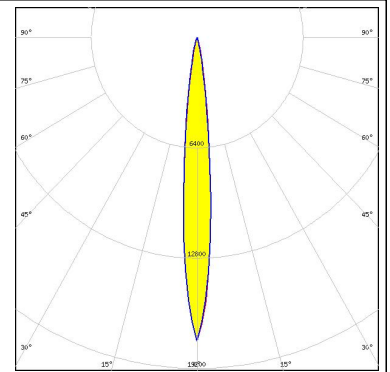
LED XD16
FWHM 8.0°
Efficiency 91 %
Peak intensity 22.8 cd/lm
LEDs/each optic 1
Light colour White
Required components:



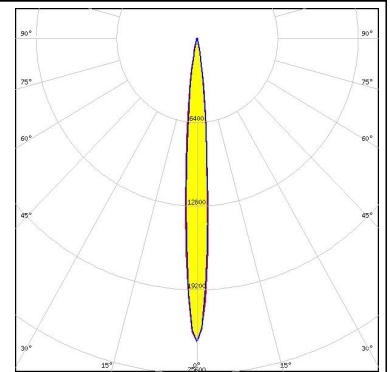
LED XQ-E HD
FWHM 7.0°
Efficiency 92 %
Peak intensity 39 cd/lm
LEDs/each optic 1
Light colour White
Required components:



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



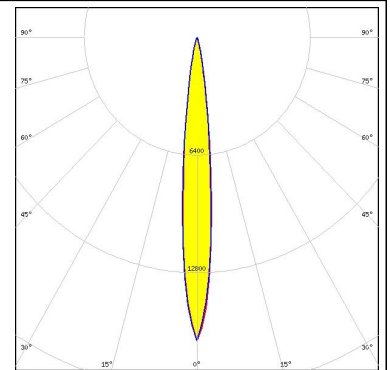
LED LUXEON IR Domed 60
FWHM 8.0°
Efficiency 92 %
LEDs/each optic 1
Light colour IR
Required components:



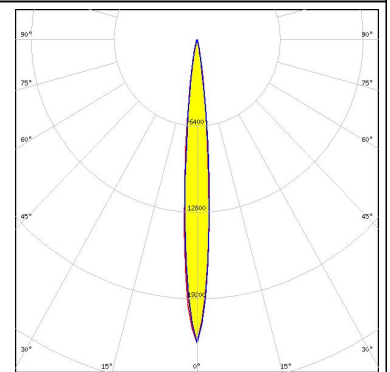
PHOTOMETRIC DATA (SIMULATED):



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



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:

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