


LR2-RS

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

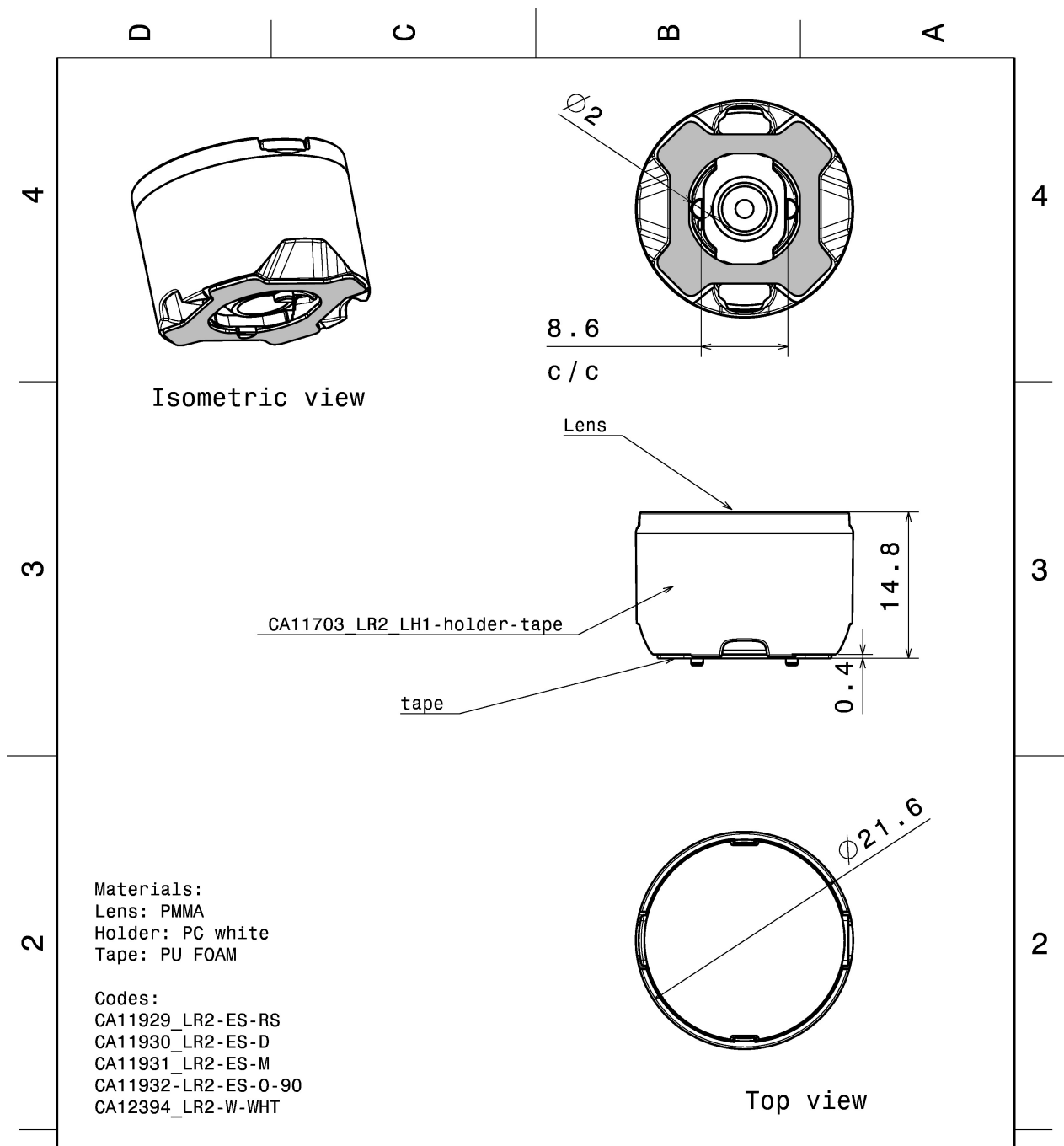
TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape, pin
Colour	white
Box size	480 x 280 x 300 mm
Box weight	9.3 kg
Quantity in Box	1680 pcs
ROHS compliant	yes 



MATERIAL SPECIFICATIONS:

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

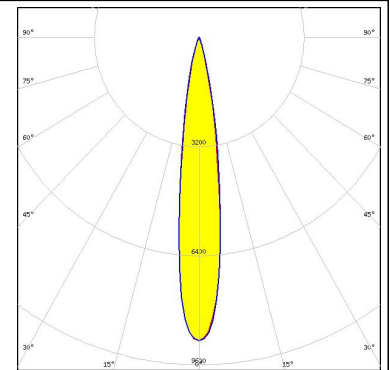


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DRAWN BY a		DATE 21.11.2011	
DRAWING TITLE Datasheet LR2-ES series assy			
CHECKED BY s n	DATE 21.11.2011	SIZE A4	DRAWING NUMBER -
DESIGNED BY pl	DATE 27.08.2010	SCALE 1:1	WEIGHT (g) -
		SHEET 1/1	REV 2

PHOTOMETRIC DATA (MEASURED):



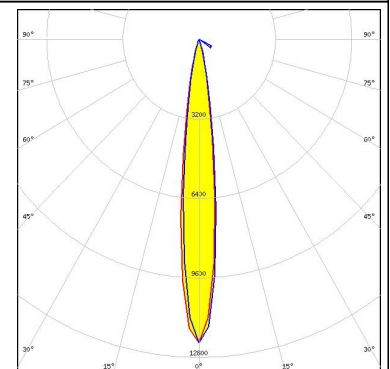
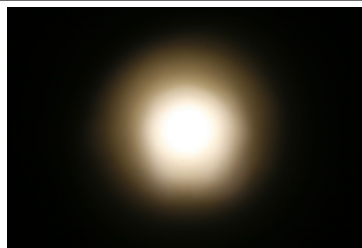
LED XP-L
FWHM 16.0°
Efficiency 91 %
Peak intensity 8.900 cd/lm
Required components:



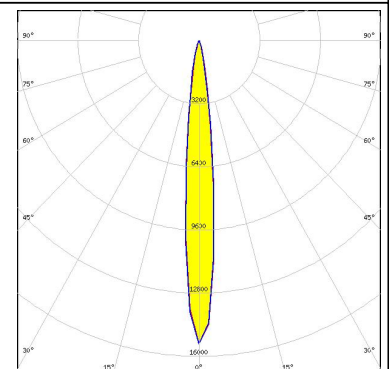
LED LUXEON Rebel ES
FWHM 11.0°
Efficiency 94 %
Peak intensity cd/lm
Required components:



LED LUXEON T
FWHM 12.0°
Efficiency 91 %
Peak intensity 12.200 cd/lm
Required components:



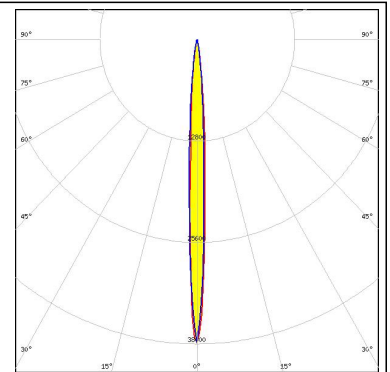
LED LUXEON TX
FWHM 11.0°
Efficiency 91 %
Peak intensity 15.400 cd/lm
Required components:



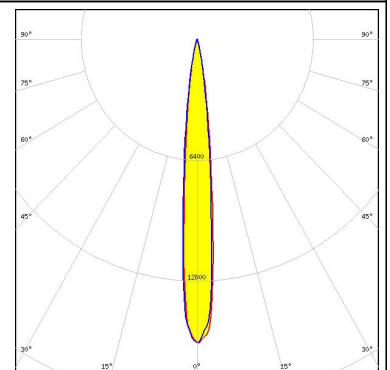
PHOTOMETRIC DATA (MEASURED):



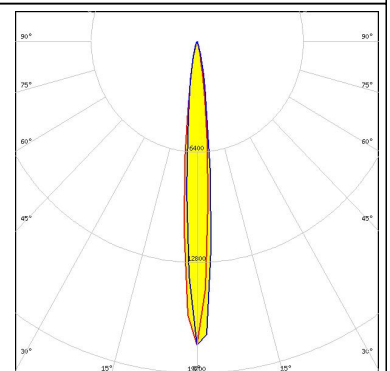
LED LUXEON Z ES
FWHM 6.0°
Efficiency 91 %
Peak intensity 38.300 cd/lm
Required components:



LED NVSxx19B/NVSxx19C
FWHM 11.0°
Efficiency 94 %
Peak intensity 16.000 cd/lm
Required components:



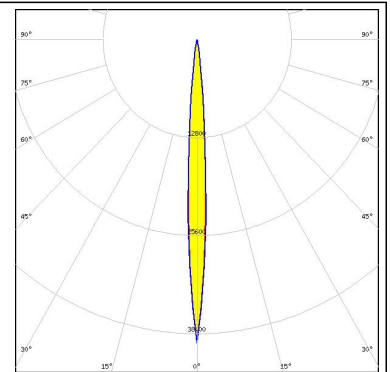
LED Oslon Square EC
FWHM 10.0°
Efficiency 92 %
Peak intensity 17.600 cd/lm
Required components:



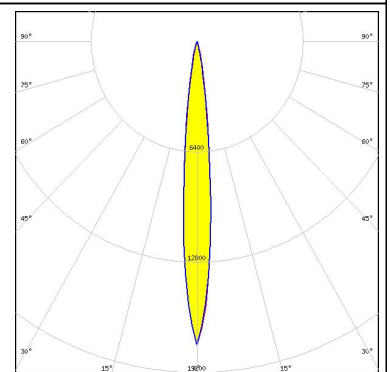
PHOTOMETRIC DATA (SIMULATED):



LED XQ-E
FWHM 7.0°
Efficiency 92 %
Peak intensity 39.000 cd/lm
Required components:



LED LUXEON H50-2
FWHM 10.5°
Efficiency 93 %
Peak intensity 17.700 cd/lm
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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