

LXP2-RS2

~8.5° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

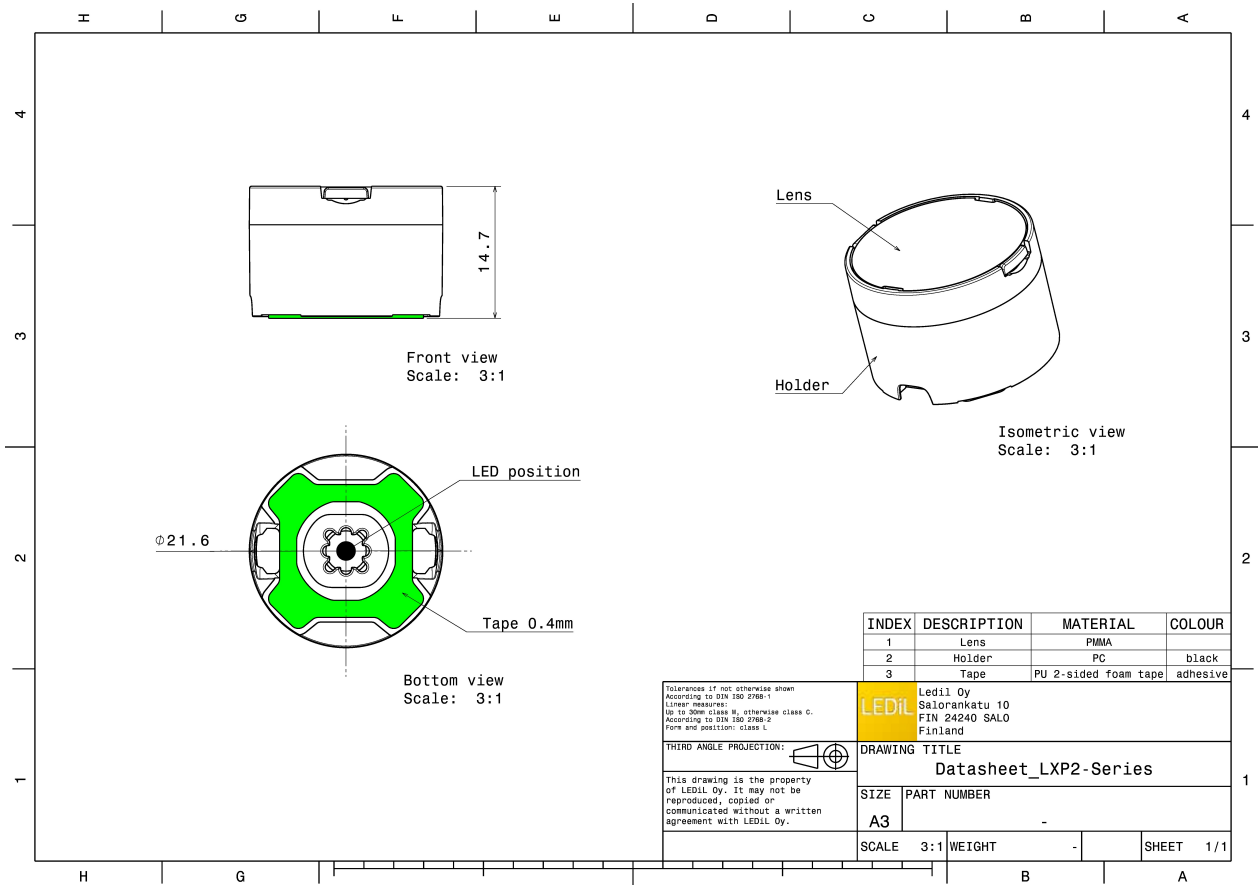
MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LXP2-RS2	Single lens	PMMA		
LXP2-LH1-TAPE-BLK	Holder	PC	black	
HEIDI-TAPE	Tape	PU tape	black	

ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA12816_LXP2-RS2	Single lens	1680	336	112	8.9
» Box size: 480 x 280 x 300 mm					

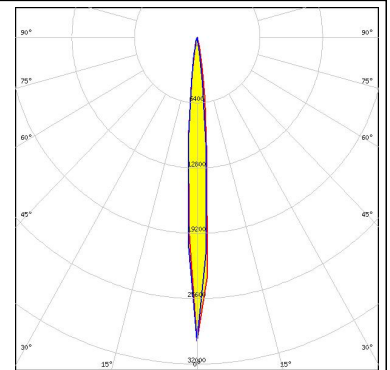
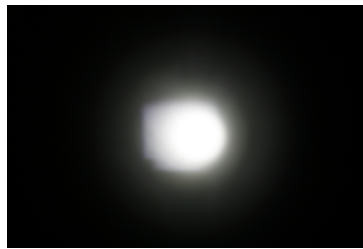




PHOTOMETRIC DATA (MEASURED):

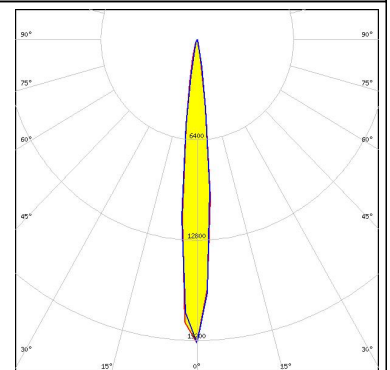
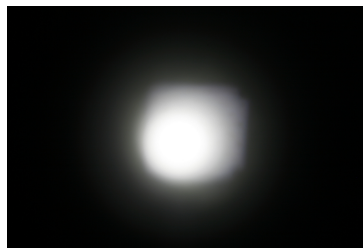
CREE 

LED	XP-E2
FWHM	8.0°
Efficiency	90 %
Peak intensity	29.7 cd/m
LEDs/each optic	1
Light colour	White
Required components:	



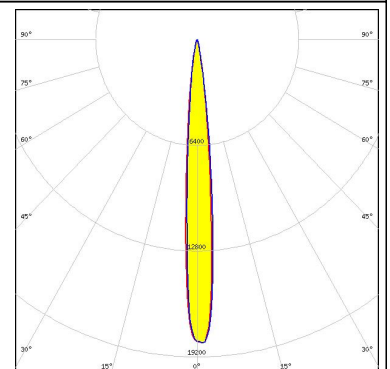
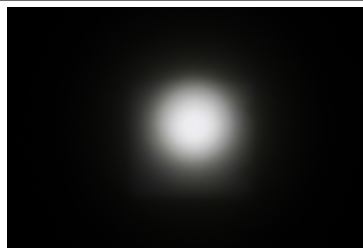
CREE 

LED	XP-G2
FWHM	11.0°
Efficiency	90 %
Peak intensity	19.4 cd/m
LEDs/each optic	1
Light colour	White
Required components:	



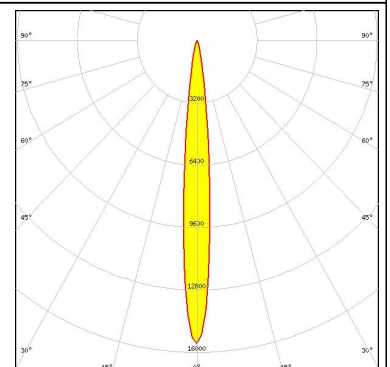
CREE 

LED	XP-L HI
FWHM	10.0°
Efficiency	90 %
Peak intensity	18.4 cd/m
LEDs/each optic	1
Light colour	White
Required components:	



CREE 

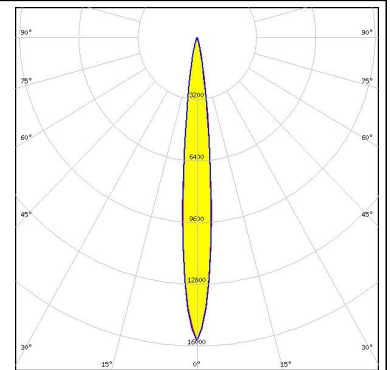
LED	XT-E
FWHM	8.0°
Efficiency	92 %
Peak intensity	15.6 cd/m
LEDs/each optic	1
Light colour	White
Required components:	



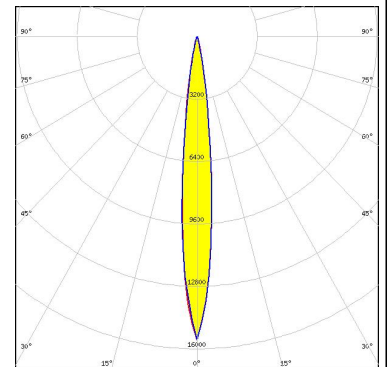
PHOTOMETRIC DATA (SIMULATED):



LED LUXEON V2
FWHM 11.0°
Efficiency 91 %
Peak intensity 15.7 cd/lm
LEDs/each optic 1
Light colour White
Required components:

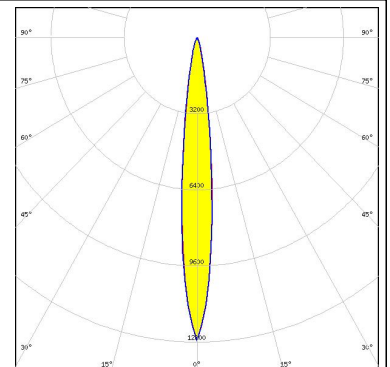


LED LH351B
FWHM 12.0°
Efficiency 91 %
Peak intensity 15.5 cd/lm
LEDs/each optic 1
Light colour White
Required components:



SEOUL SEMICONDUCTOR

LED Z8Y22P
FWHM 12.0°
Efficiency 92 %
Peak intensity 12.8 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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