

## LXP-RS

~9.6° spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

### SPECIFICATION:

Dimensions	Ã~ 21.6 mm
Height	14.7 mm
Fastening	tape
ROHS compliant	yes ⓘ

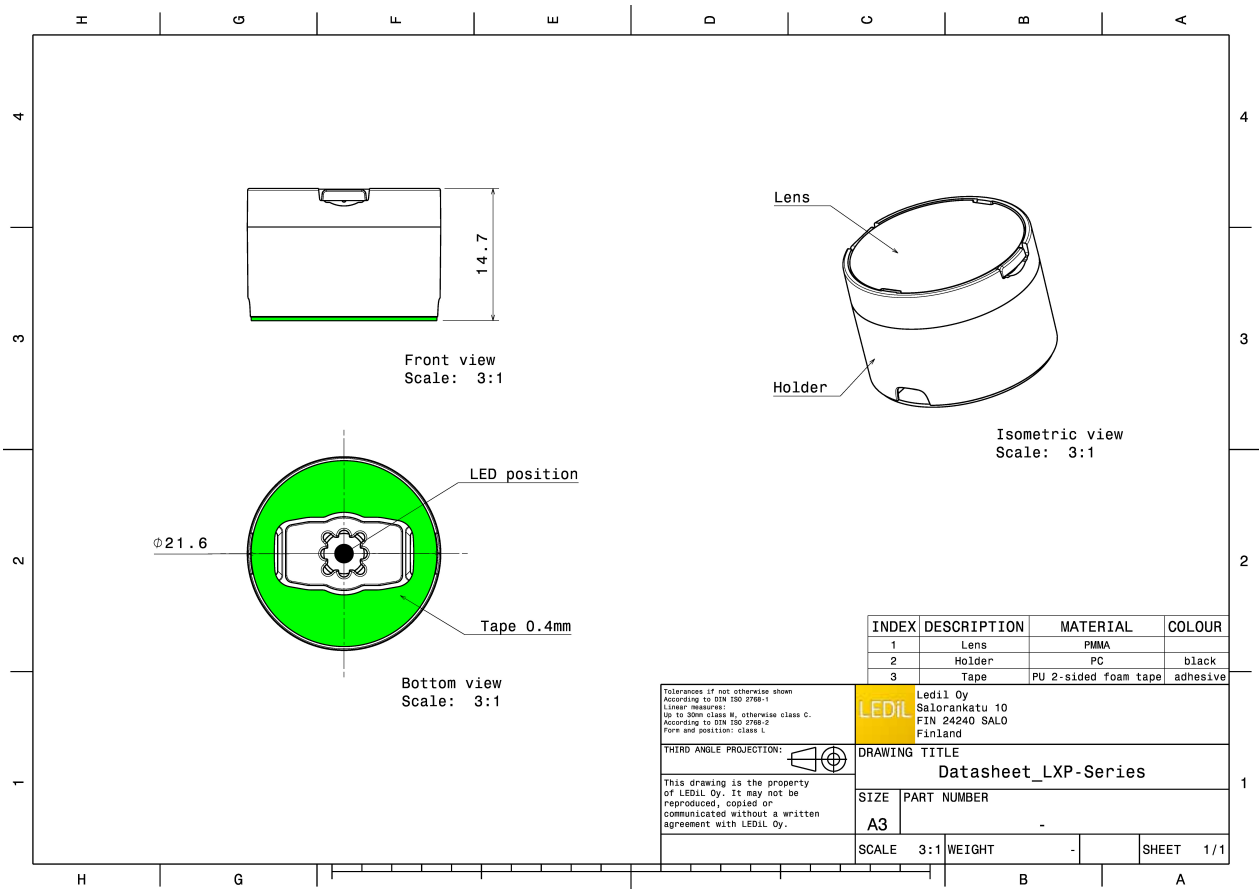


### MATERIALS:

Component	Type	Material	Colour	Finish	Length
LR1-RS	Single lens	PMMA	clear		21.6
LXP-LH1-TAPE-BLK	Holder	PC	black		21.6
LEILA-TAPE	Tape	Acrylic foam	black		21.6

### ORDERING INFORMATION:

Component	Qty in box	MOQ	MPQ	Box weight (kg)
FA10661_LXP-RS » Box size: 470 x 235 x 270 mm	2304	288	144	11.5

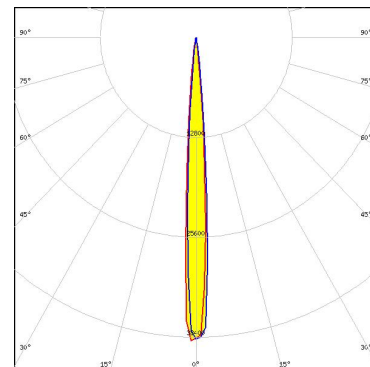


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### OPTICAL RESULTS (MEASURED):



LED XP-E  
FWHM / FWTM 7.5°  
Efficiency 92 %  
Peak intensity 39.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

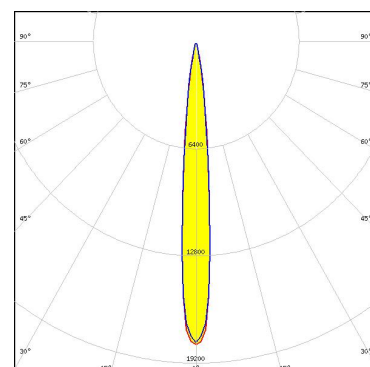


LED XP-E-HEW  
FWHM / FWTM 10.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

Light distribution files



LED XP-G  
FWHM / FWTM 11.0°  
Efficiency 94 %  
Peak intensity 20.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

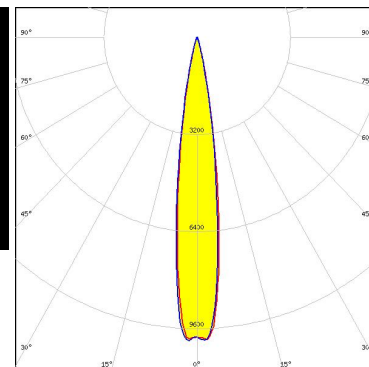
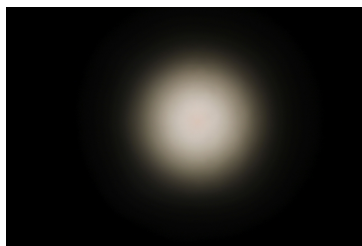


Light distribution files

### OPTICAL RESULTS (MEASURED):



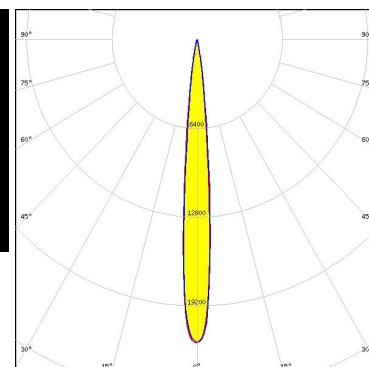
LED XP-L HD  
FWHM / FWTM 16.0° / 28.0°  
Efficiency 91 %  
Peak intensity 10 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



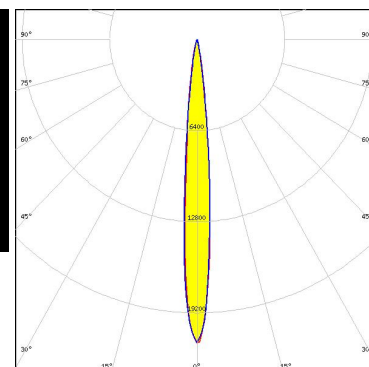
LED XP-L HI  
FWHM / FWTM 10.0° / 19.0°  
Efficiency 90 %  
Peak intensity 22 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED OSLON Square CSSRM2/CSSRM3  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 93 %  
Peak intensity 21 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

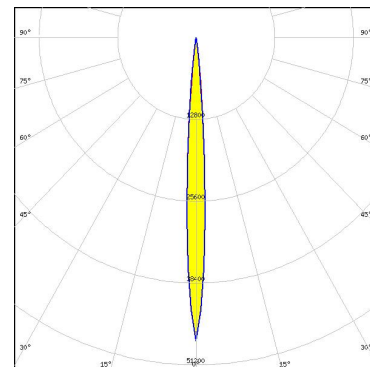


Light distribution files

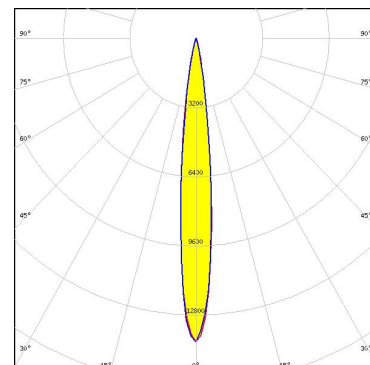
### OPTICAL RESULTS (SIMULATED):



LED XP-E2  
FWHM / FWTM 7.0° / 14.0°  
Efficiency 92 %  
Peak intensity 47.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



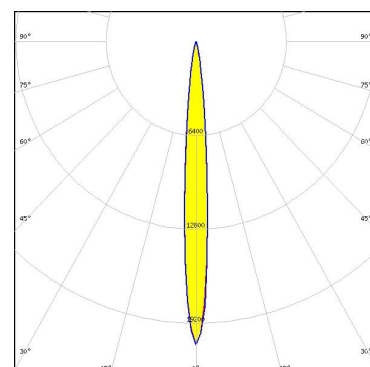
LED XP-G3  
FWHM / FWTM 12.0° / 24.0°  
Efficiency 86 %  
Peak intensity 14 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED XT-E  
FWHM / FWTM 9.0° / 20.0°  
Efficiency 88 %  
Peak intensity 20.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

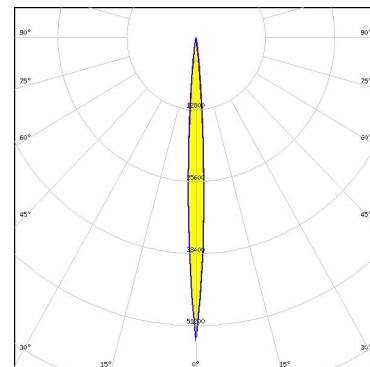


Light distribution files

### OPTICAL RESULTS (SIMULATED):



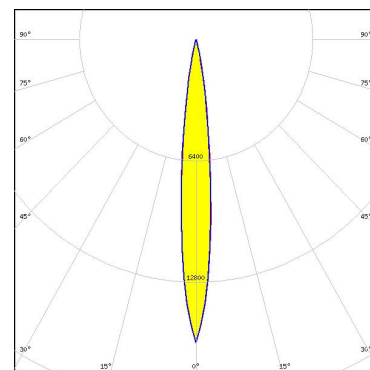
LED LUXEON CZ  
FWHM / FWTM 6.0° / 14.0°  
Efficiency 92 %  
Peak intensity 53.9 cd/m  
LEDs/each optic 1  
Light colour/type Red  
Required components:



Light distribution files



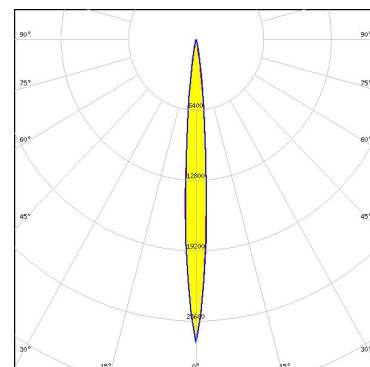
LED LUXEON V2  
FWHM / FWTM 11.0° / 24.0°  
Efficiency 93 %  
Peak intensity 16 cd/m  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED NCSxx19B  
FWHM / FWTM 8.0° / 18.0°  
Efficiency 91 %  
Peak intensity 27.6 cd/m  
LEDs/each optic 1  
Light colour/type Blue  
Required components:

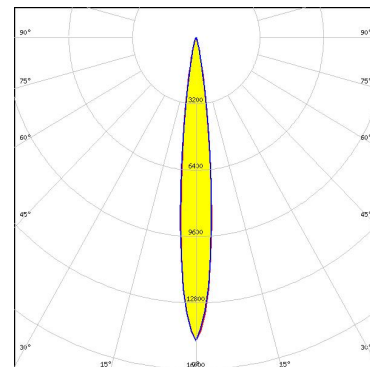


Light distribution files

### OPTICAL RESULTS (SIMULATED):



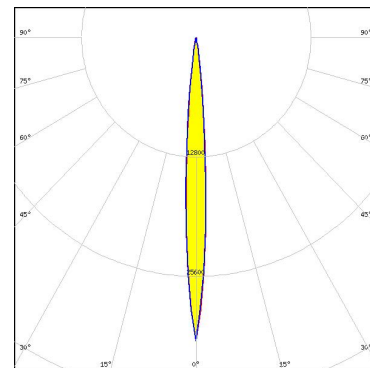
LED	NVSxx19B/NVSxx19C
FWHM / FWTM	12.0° / 24.0°
Efficiency	87 %
Peak intensity	14.6 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files



LED	Z5
FWHM / FWTM	8.0° / 16.0°
Efficiency	91 %
Peak intensity	32.5 cd/lm
LEDs/each optic	1
Light colour/type	White
Required components:	



Light distribution files

### 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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