

## LXP-O-90

~10° x 40° oval 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 ⓘ

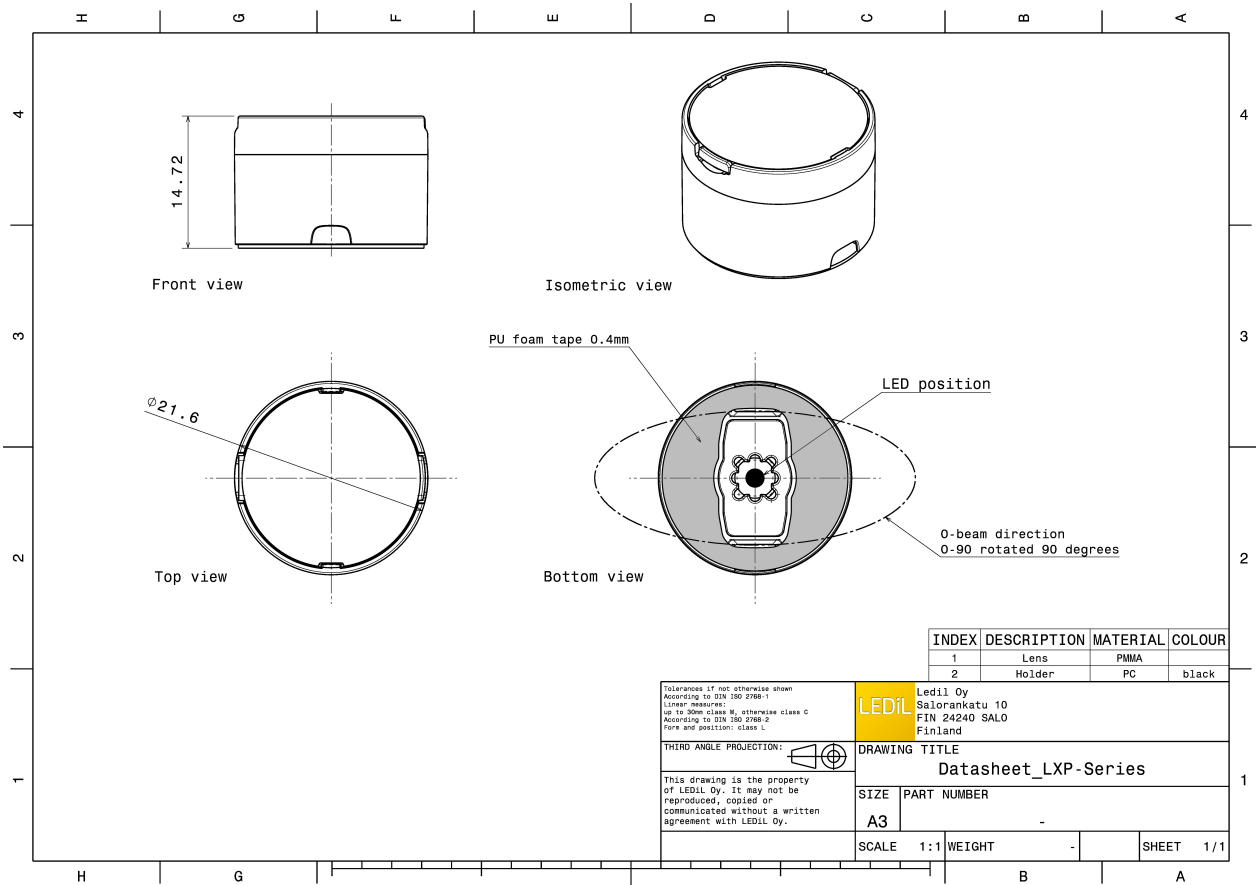
### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LR1-O-90	Single lens	PMMA	clear	
LXP-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	PU tape	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11116_LXP-O-90	Single lens	2304	288	144	11.6
» Box size:					





### PHOTOMETRIC DATA (MEASURED):



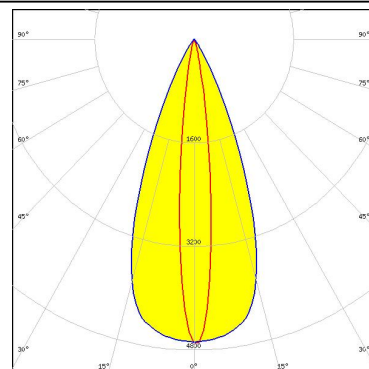
LED XP-E  
FWHM 41.0 + 10.0°  
Efficiency 89 %  
Peak intensity 5.3 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



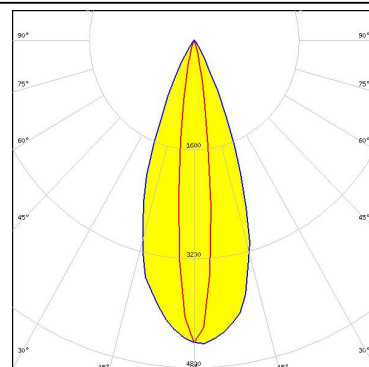
LED XP-E-HEW  
FWHM 13.0 + 37.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G  
FWHM 41.0 + 13.0°  
Efficiency 91 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



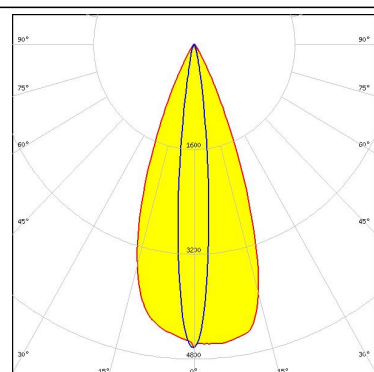
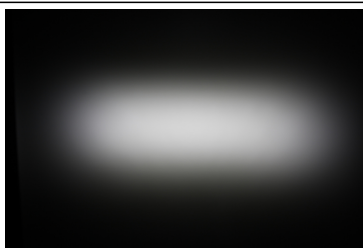
LED XP-G2  
FWHM 13.0 + 39.0°  
Efficiency 86 %  
Peak intensity 4.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



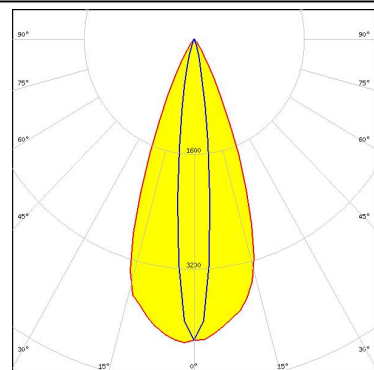
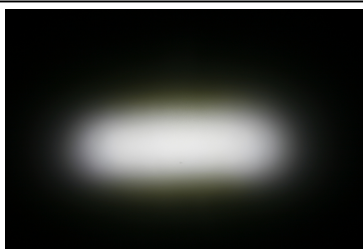
#### PHOTOMETRIC DATA (MEASURED):



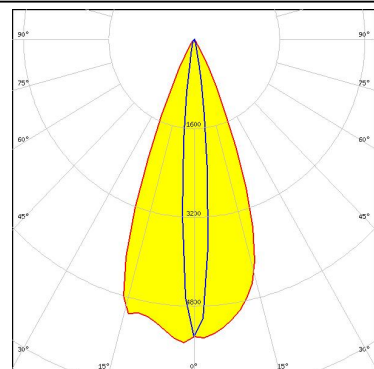
LED XP-L HI  
FWHM 41.0 + 12.0°  
Efficiency 86 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XT-E  
FWHM 41.0 + 13.0°  
Efficiency 85 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LH351A  
FWHM 41.0 + 11.0°  
Efficiency 89 %  
Peak intensity 5.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



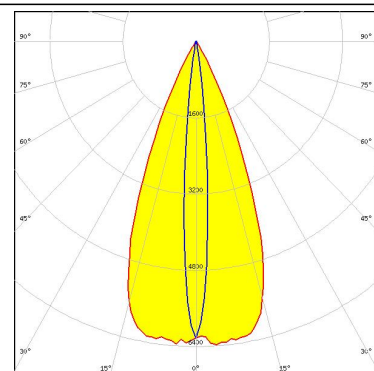
SEOUL SEMICONDUCTOR

LED Z5  
FWHM 38.0 + 21.0°  
Efficiency %  
LEDs/each optic 1  
Light colour White  
Required components:

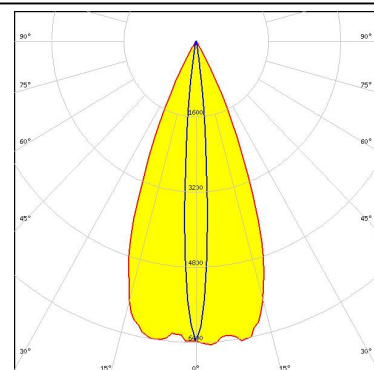
### PHOTOMETRIC DATA (SIMULATED):



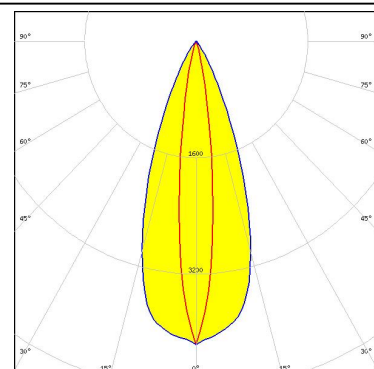
LED XP-E  
FWHM 9.0 + 43.0°  
Efficiency 92 %  
Peak intensity 6.5 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



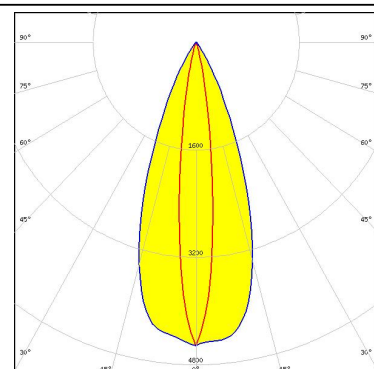
LED XP-E2  
FWHM 9.0 + 43.0°  
Efficiency 91 %  
Peak intensity 6.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-G3  
FWHM 13.0 + 39.0°  
Efficiency 84 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON V2  
FWHM 13.0 + 40.0°  
Efficiency 91 %  
Peak intensity 4.5 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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