

## LXP2-M

~25° medium beam optimized for CREE XP-E.  
14.7 mm high assembly with installation tape.

## SPECIFICATION:

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

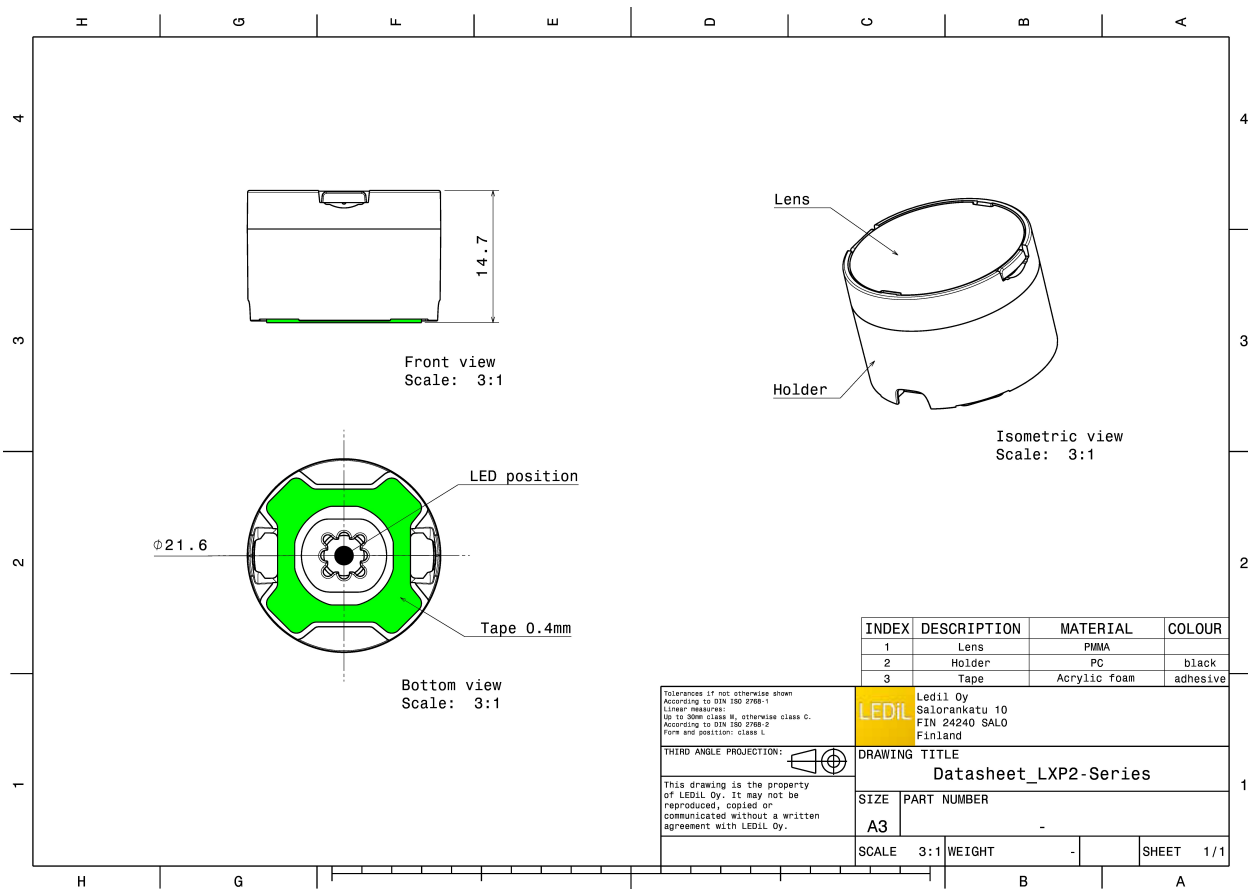


## MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-M	Single lens	PMMA	clear	
LXP2-LH1-TAPE-BLK	Holder	PC	black	
HEIDI-TAPE	Tape	Acrylic foam	black	

## ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA11483_LXP2-M	Single lens	1680	336	112	9.0
» Box size: 480 x 280 x 300 mm					



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

### OPTICAL RESULTS (MEASURED):



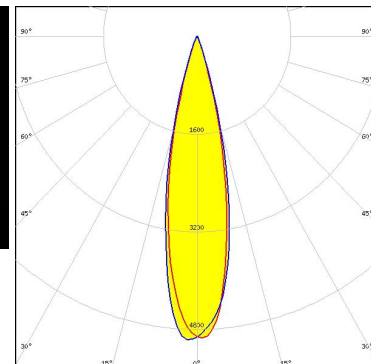
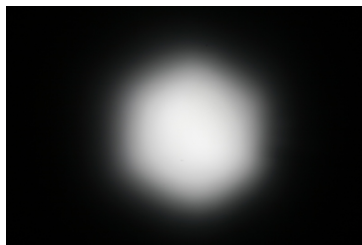
LED XP-E  
FWHM / FWTM 23.0° / 38.0°  
Efficiency 94 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-E-HEW  
FWHM / FWTM 23.0°  
Efficiency 93 %  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-E2  
FWHM / FWTM 23.0° / 38.0°  
Efficiency 88 %  
Peak intensity 5.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

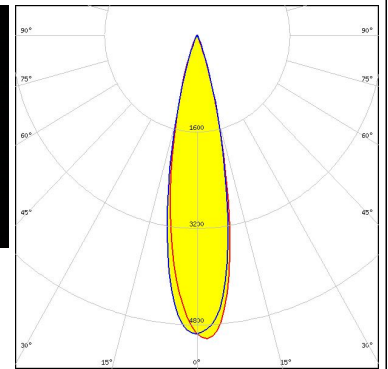
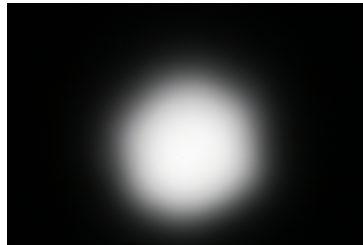


LED XP-G  
FWHM / FWTM 24.0°  
Efficiency 94 %  
LEDs/each optic 1  
Light colour White  
Required components:

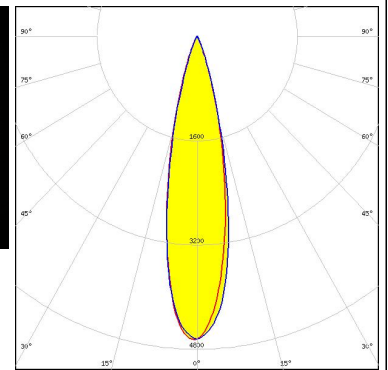
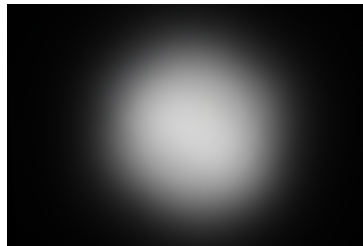
### OPTICAL RESULTS (MEASURED):



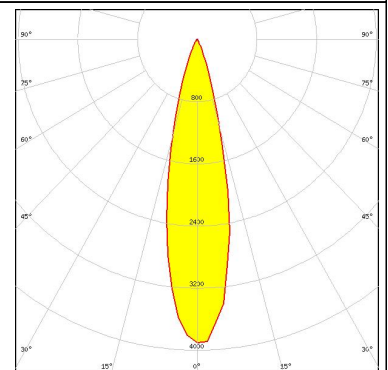
LED XP-G2  
FWHM / FWTM 23.0° / 40.0°  
Efficiency 90 %  
Peak intensity 5 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



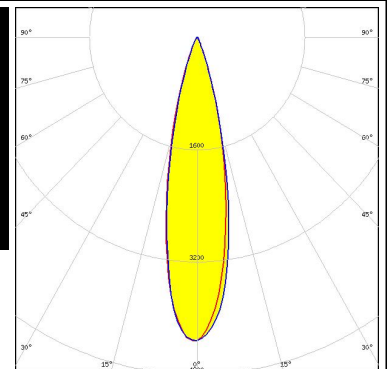
LED XP-L HI  
FWHM / FWTM 24.0° / 41.0°  
Efficiency 87 %  
Peak intensity 4.7 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



LED XT-E  
FWHM / FWTM 24.0° / 42.0°  
Efficiency 88 %  
Peak intensity 3.9 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



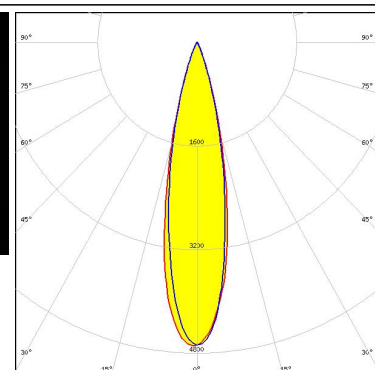
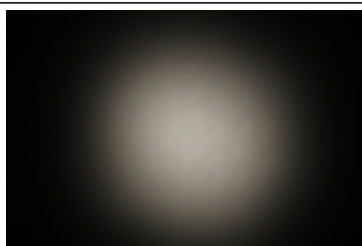
LED LUXEON Q  
FWHM / FWTM 24.0° / 42.0°  
Efficiency 87 %  
Peak intensity 4.3 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



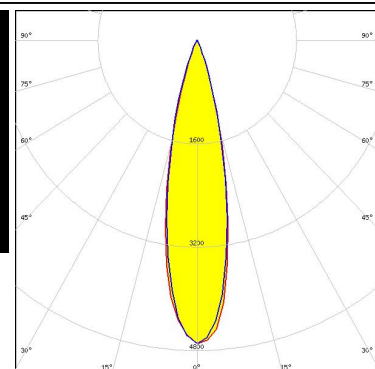
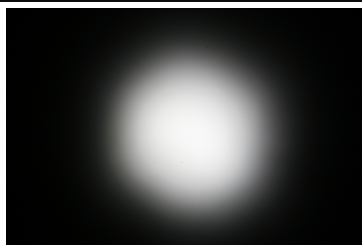
### OPTICAL RESULTS (MEASURED):



LED NVSW219D  
FWHM / FWTM 24.0° / 42.0°  
Efficiency 89 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



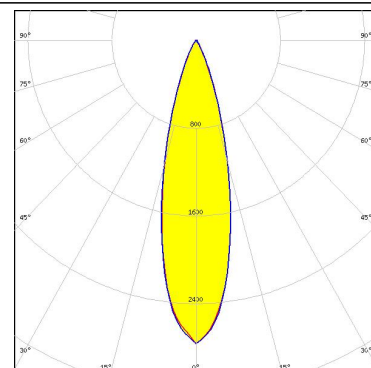
LED Z5M1/Z5M2  
FWHM / FWTM 26.0° / 43.0°  
Efficiency 87 %  
Peak intensity 4.7 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



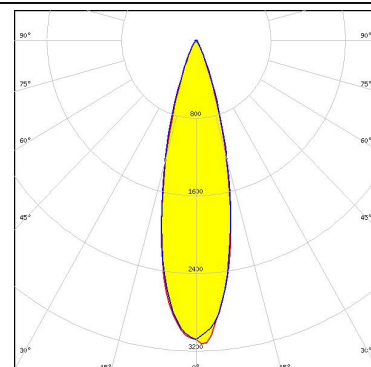
#### OPTICAL RESULTS (SIMULATED):



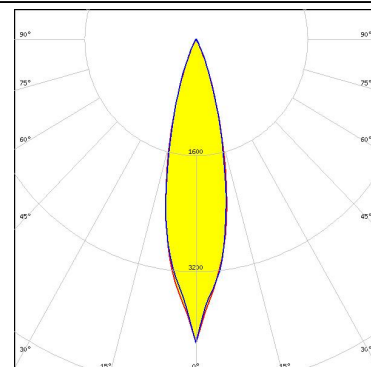
LED XHP35.2 HD  
FWHM / FWTM 26.0° / 50.0°  
Efficiency 73 %  
Peak intensity 2.8 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



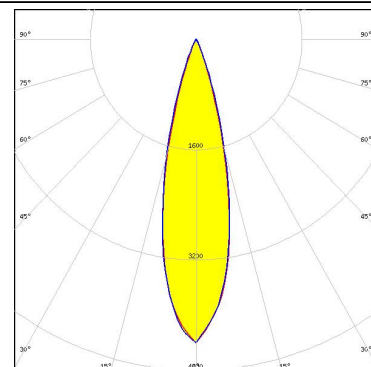
LED XHP35.2 HI  
FWHM / FWTM 26.0° / 48.0°  
Efficiency 79 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED XP-L HD  
FWHM / FWTM 24.0° / 45.0°  
Efficiency 86 %  
Peak intensity 4.2 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LM301B  
FWHM / FWTM 26.0° / 44.0°  
Efficiency 93 %  
Peak intensity 4.4 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



## OPTICAL RESULTS (SIMULATED):

 SEOUL SEMICONDUCTOR			
LED	Z5		
FWHM / FWTM	25.0°		
Efficiency	%		
LEDs/each optic	1		
Light colour	White		
Required components:			
 SEOUL SEMICONDUCTOR			
LED	Z8Y22P		
FWHM / FWTM	26.0° / 46.0°		
Efficiency	89 %		
Peak intensity	3.9 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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