

## LXP2-D

~14° diffused spot beam optimized for CREE XP-E. 14.7 mm high assembly with installation tape.

### SPECIFICATION:

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

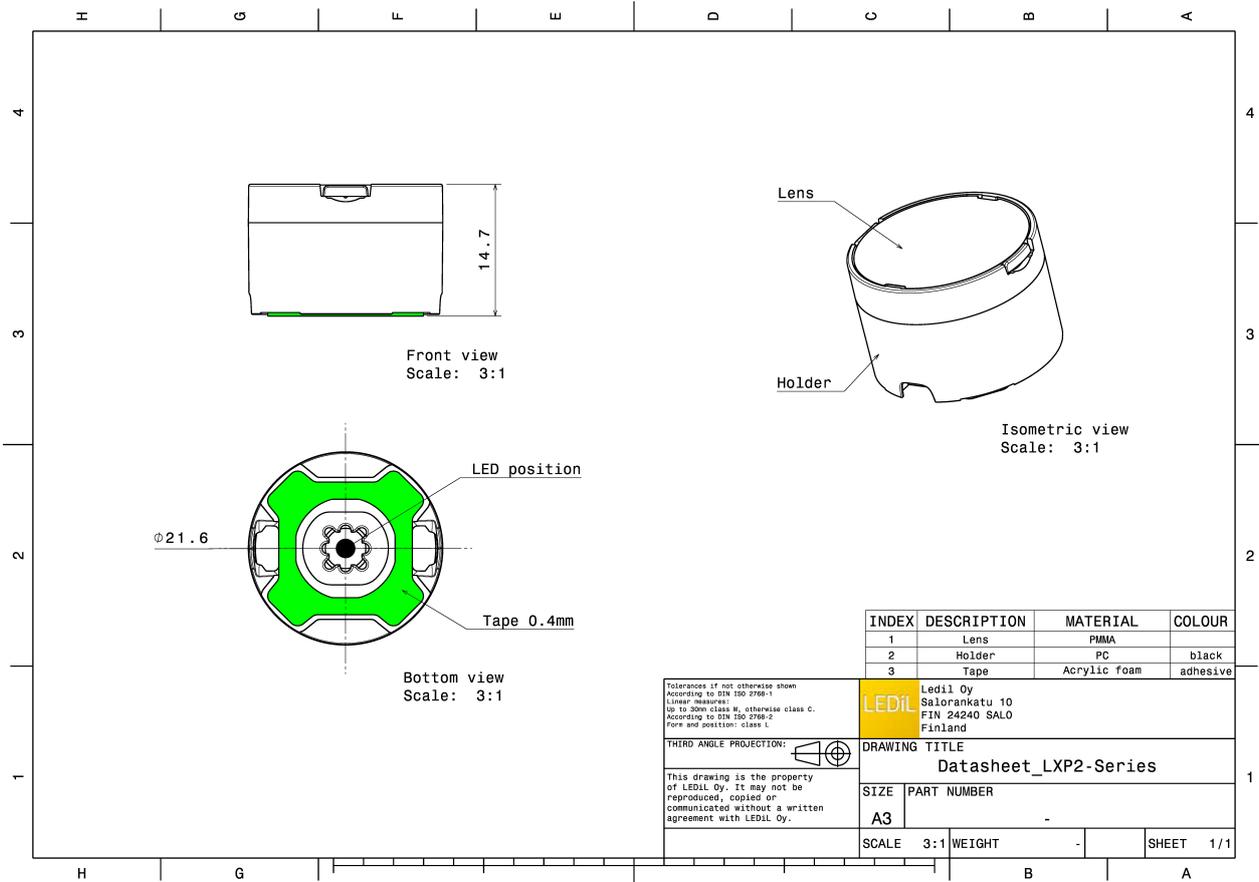


### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LXP2-D	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)
CA11482_LXP2-D » Box size: 480 x 280 x 300 mm	1680	336	112	9.4



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

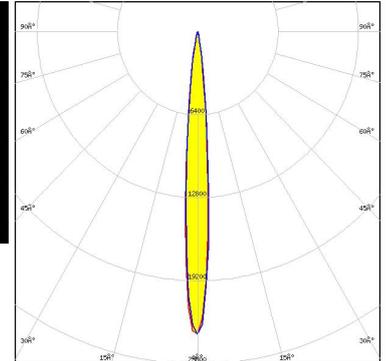
### OPTICAL RESULTS (MEASURED):



LED XP-E  
FWHM / FWTM 14.0° / 32.0°  
Efficiency 92 %  
LEDs/each optic 1  
Light colour/type White  
Required components:



LED XP-E2  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 89 %  
Peak intensity 21.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

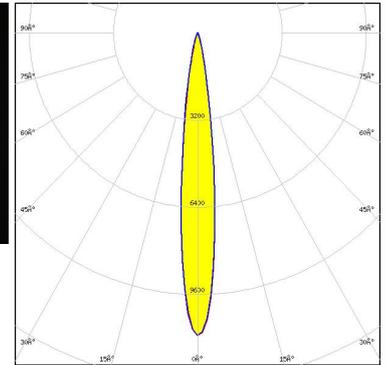


LED XP-G  
FWHM / FWTM 16.0°  
Efficiency 94 %  
LEDs/each optic 1  
Light colour/type White  
Required components:

### OPTICAL RESULTS (MEASURED):



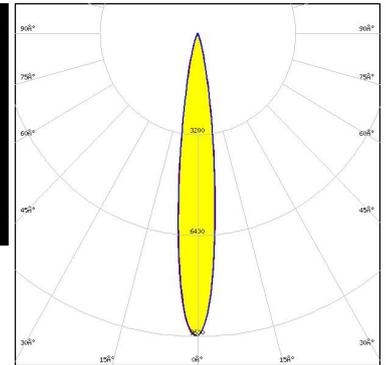
LED XP-G2  
 FWHM / FWTM 13.0° / 26.0°  
 Efficiency 90 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



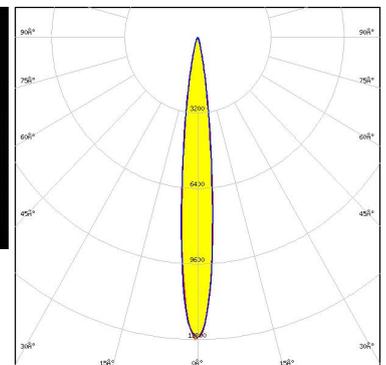
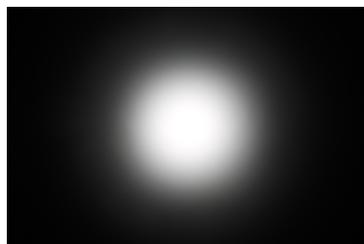
LED XP-G3  
 FWHM / FWTM 14.0° / 29.0°  
 Efficiency 88 %  
 Peak intensity 9.6 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



LED XP-L HI  
 FWHM / FWTM 12.0° / 25.0°  
 Efficiency 88 %  
 Peak intensity 13 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:

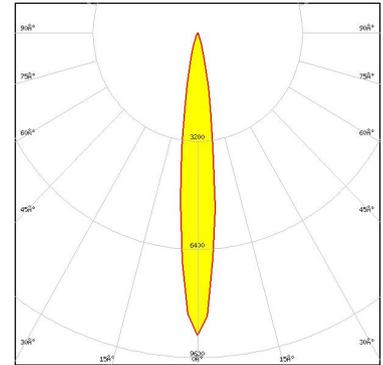


Light distribution files

### OPTICAL RESULTS (MEASURED):



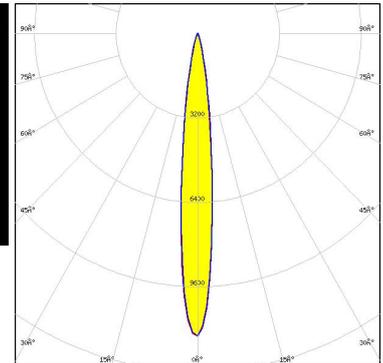
LED XT-E  
FWHM / FWTM 11.0° / 29.0°  
Efficiency 88 %  
Peak intensity 9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



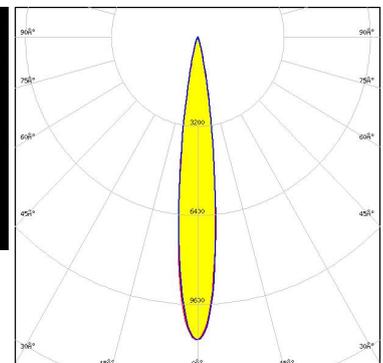
LED LUXEON Q  
FWHM / FWTM 12.0° / 26.0°  
Efficiency 89 %  
Peak intensity 11.5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



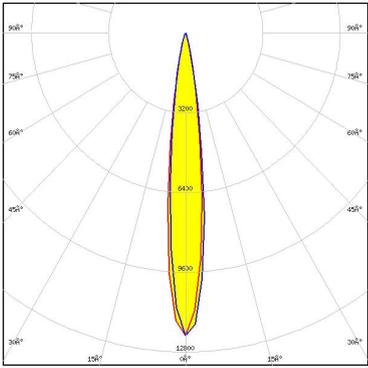
LED NVSW219D  
FWHM / FWTM 14.0° / 27.0°  
Efficiency 91 %  
Peak intensity 10.9 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files

### OPTICAL RESULTS (MEASURED):

 SEOL SEMICONDUCTOR		
LED	Z5M1/Z5M2	
FWHM / FWTM	14.0° / 28.0°	
Efficiency	88 %	
Peak intensity	12.1 cd/lm	
LEDs/each optic	1	
Light colour/type	White	
Required components:		

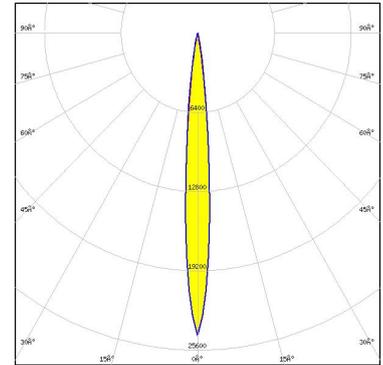


Light distribution files

### OPTICAL RESULTS (SIMULATED):



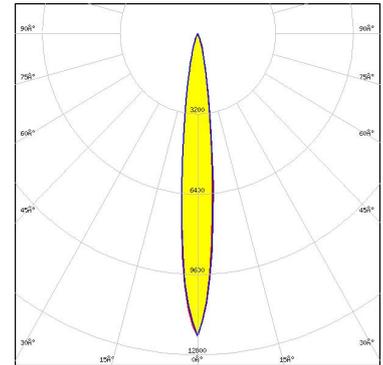
LED XP-E  
FWHM / FWTM 10.0° / 18.0°  
Efficiency 91 %  
Peak intensity 24.4 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



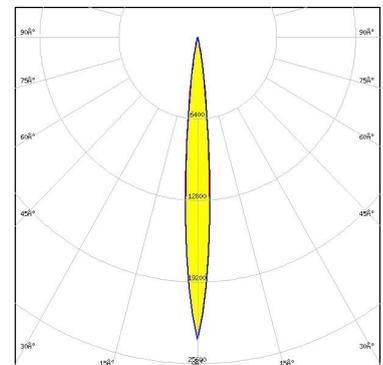
LED NF2x757G  
FWHM / FWTM 12.0° / 28.0°  
Efficiency 93 %  
Peak intensity 12.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



LED OSOLON SSL 150  
FWHM / FWTM 10.0° / 20.0°  
Efficiency 93 %  
Peak intensity 23.7 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:

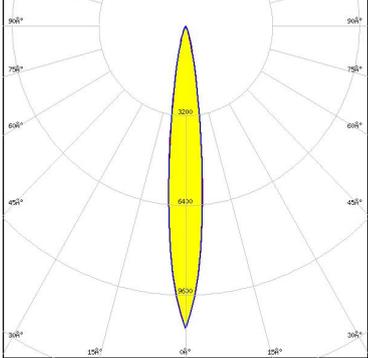


Light distribution files

### OPTICAL RESULTS (SIMULATED):

 SEMI SEOUL SEMICONDUCTOR	
LED	Z8Y22P
FWHM / FWTM	13.0° / 29.0°
Efficiency	91 %
Peak intensity	10.8 cd/m
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:

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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