

## LXP2-M

~25° medium 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 ⓘ

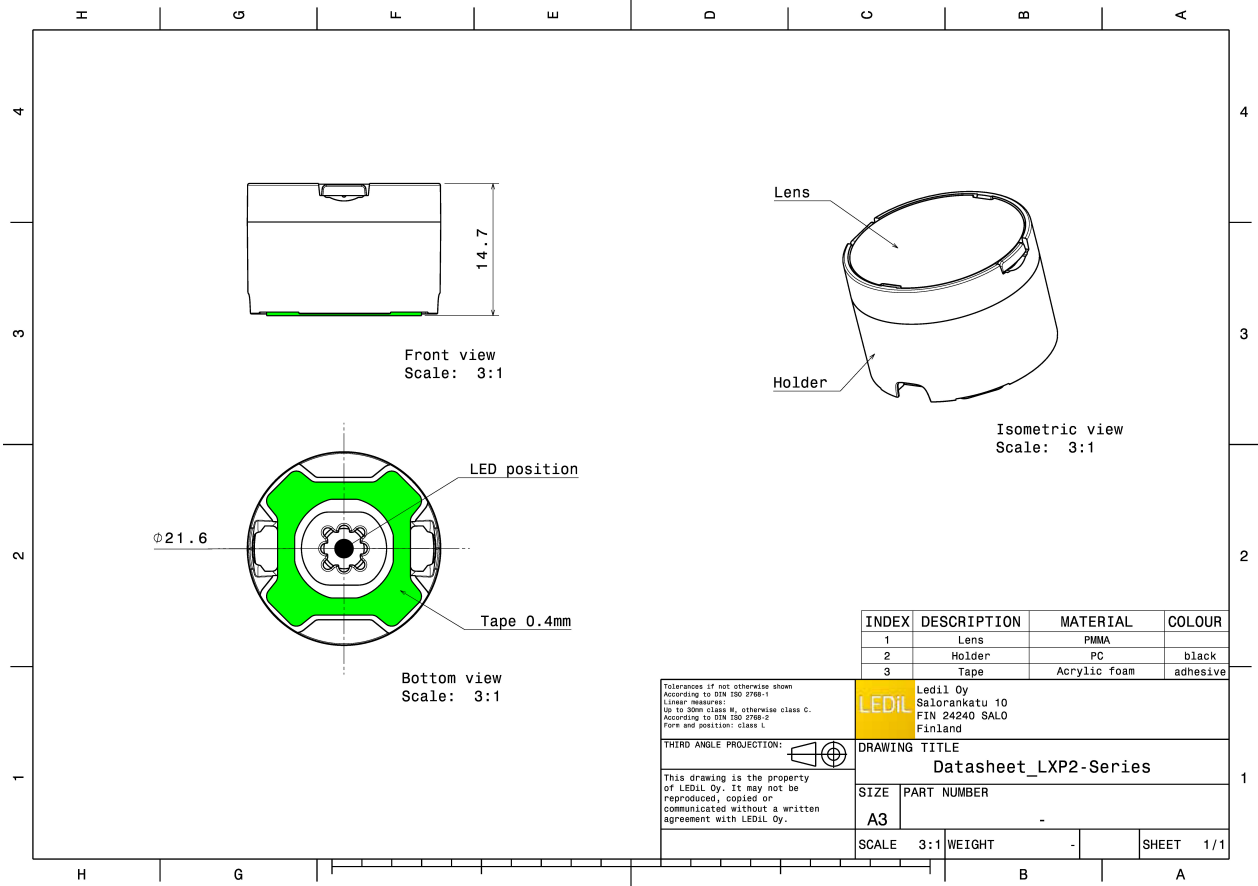


### MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LXP2-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 » Box size: 480 x 280 x 300 mm	1680	336	112	9.0



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

### OPTICAL RESULTS (MEASURED):



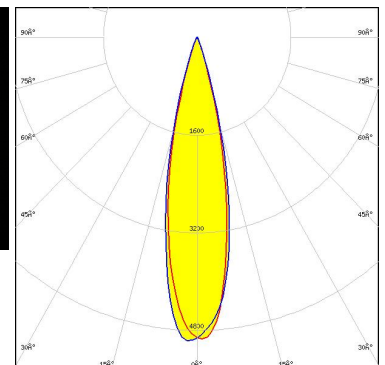
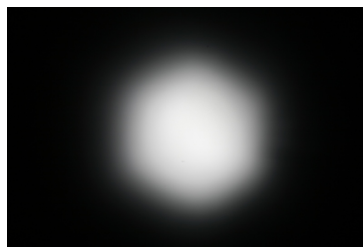
LED XP-E  
FWHM / FWTM 23.0° / 38.0°  
Efficiency 94 %  
Peak intensity 4.6 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



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



Light distribution files

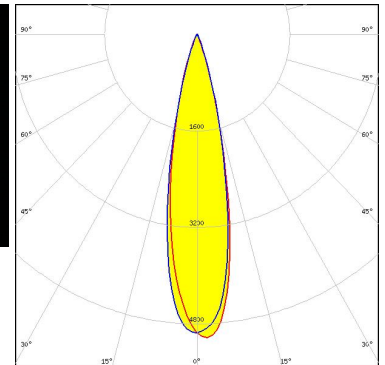
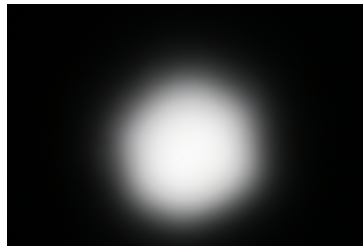
### OPTICAL RESULTS (MEASURED):



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



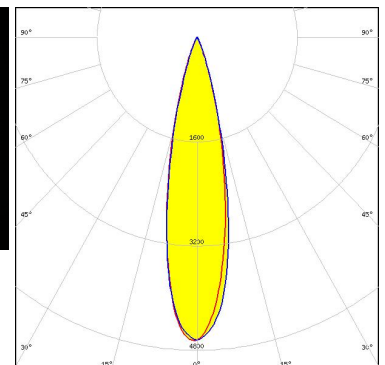
LED XP-G2  
FWHM / FWTM 23.0° / 40.0°  
Efficiency 90 %  
Peak intensity 5 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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

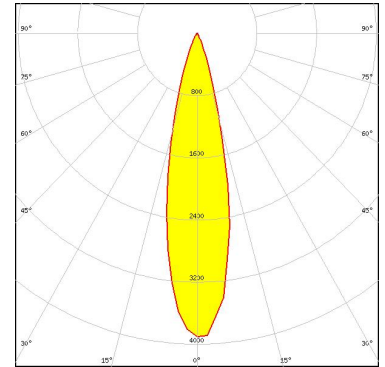


Light distribution files

### OPTICAL RESULTS (MEASURED):



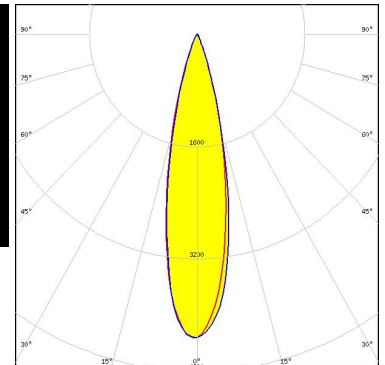
LED XT-E  
 FWHM / FWTM 24.0° / 42.0°  
 Efficiency 88 %  
 Peak intensity 3.9 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files



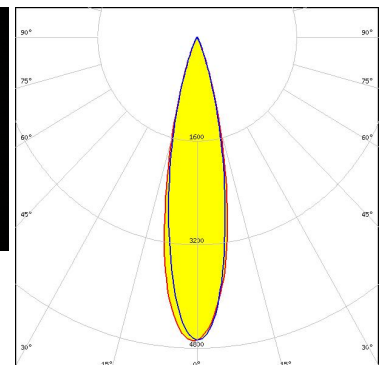
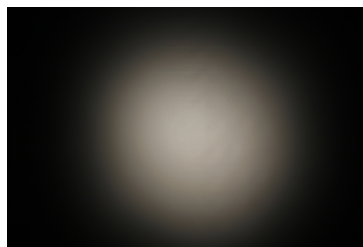
LED LUXEON Q  
 FWHM / FWTM 24.0° / 42.0°  
 Efficiency 87 %  
 Peak intensity 4.3 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

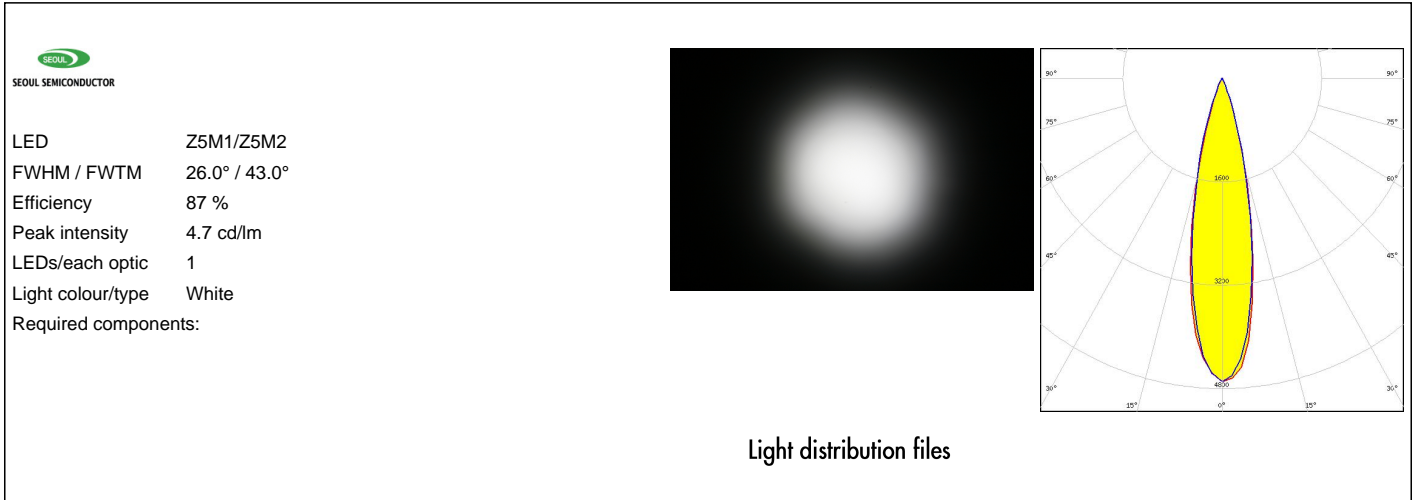


LED NVSW219D  
 FWHM / FWTM 24.0° / 42.0°  
 Efficiency 89 %  
 Peak intensity 4.7 cd/lm  
 LEDs/each optic 1  
 Light colour/type White  
 Required components:



Light distribution files

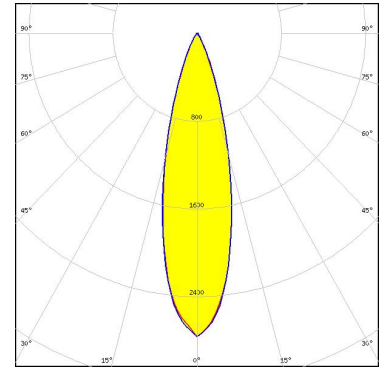
### OPTICAL RESULTS (MEASURED):



### OPTICAL RESULTS (SIMULATED):



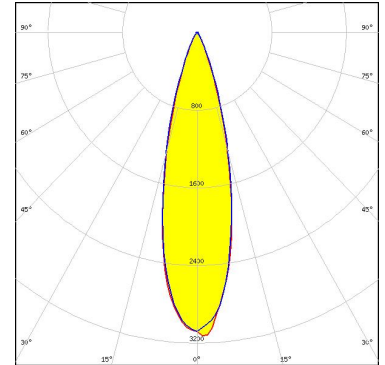
LED XHP35.2 HD  
FWHM / FWTM 26.0° / 50.0°  
Efficiency 73 %  
Peak intensity 2.8 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



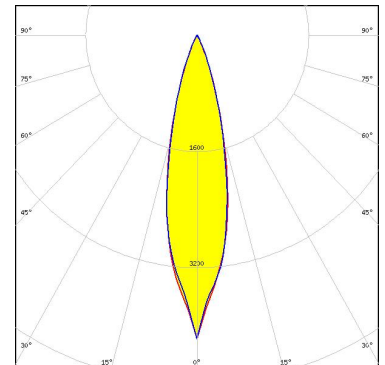
LED XHP35.2 HI  
FWHM / FWTM 26.0° / 48.0°  
Efficiency 79 %  
Peak intensity 3.1 cd/lm  
LEDs/each optic 1  
Light colour/type White  
Required components:



Light distribution files



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

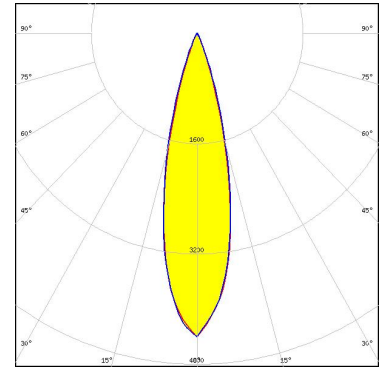


Light distribution files

### OPTICAL RESULTS (SIMULATED):

#### SAMSUNG

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



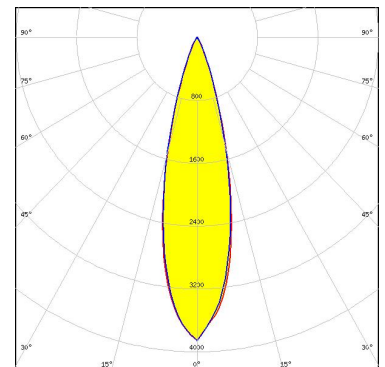
Light distribution files



LED Z5  
FWHM / FWTM 25.0°  
Efficiency %  
LEDs/each optic 1  
Light colour/type White  
Required components:



LED Z8Y22P  
FWHM / FWTM 26.0° / 46.0°  
Efficiency 89 %  
Peak intensity 3.9 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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