

## LXP2-M

~25° medium 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 ⓘ

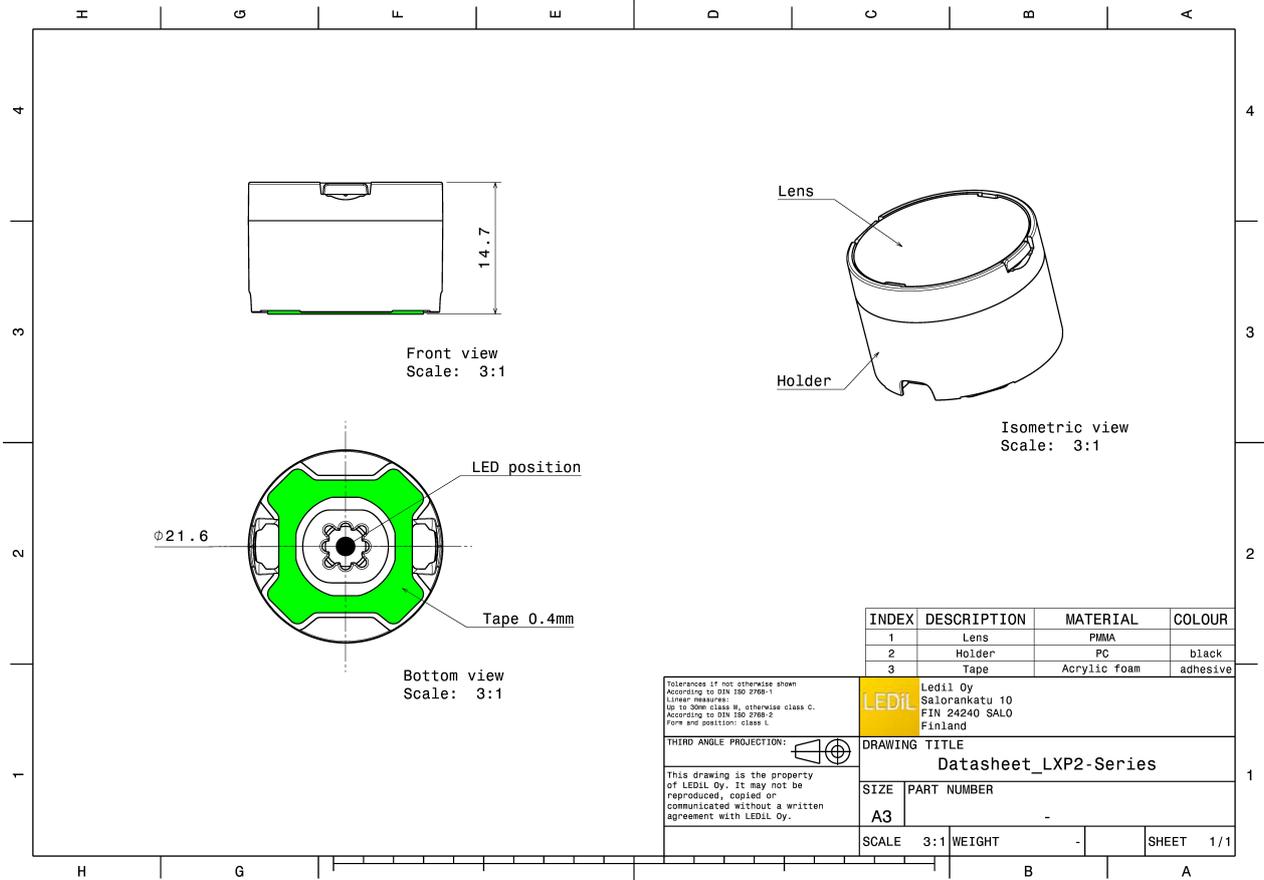


### MATERIAL SPECIFICATIONS:

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

### PHOTOMETRIC DATA (MEASURED):

#### CREE → LED

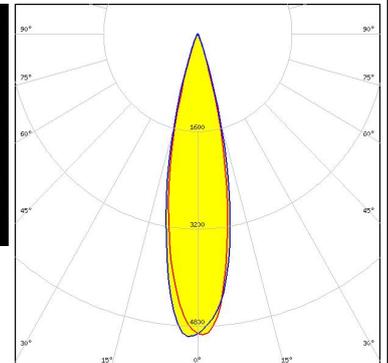
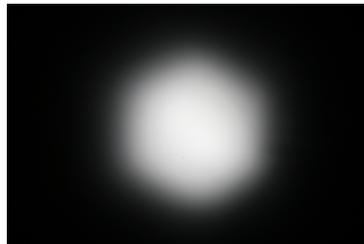
LED XP-E  
FWHM / FWTM 23.0° / 38.0°  
Efficiency 94 %  
Peak intensity 4.6 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE → LED

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

#### CREE → LED

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



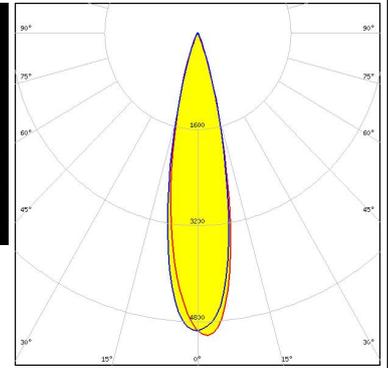
#### CREE → LED

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

### PHOTOMETRIC DATA (MEASURED):

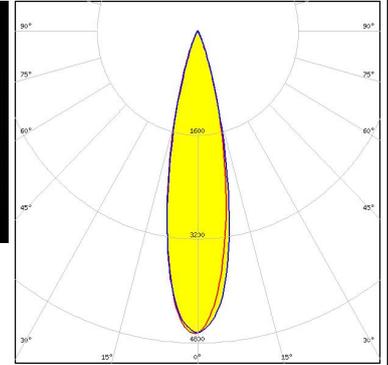
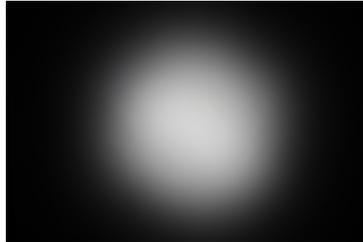
#### CREE LED

LED XP-G2  
 FWHM / FWTM 23.0° / 40.0°  
 Efficiency 90 %  
 Peak intensity 5 cd/m<sup>2</sup>  
 LEDs/each optic 1  
 Light colour White  
 Required components:



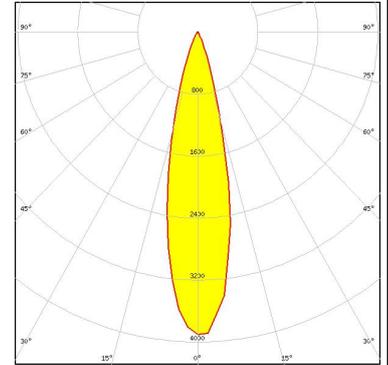
#### CREE LED

LED XP-L HI  
 FWHM / FWTM 24.0° / 41.0°  
 Efficiency 87 %  
 Peak intensity 4.7 cd/m<sup>2</sup>  
 LEDs/each optic 1  
 Light colour White  
 Required components:



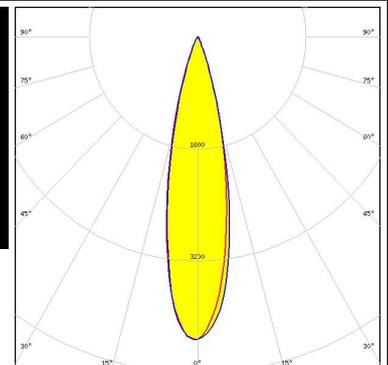
#### CREE LED

LED XT-E  
 FWHM / FWTM 24.0° / 42.0°  
 Efficiency 88 %  
 Peak intensity 3.9 cd/m<sup>2</sup>  
 LEDs/each optic 1  
 Light colour White  
 Required components:

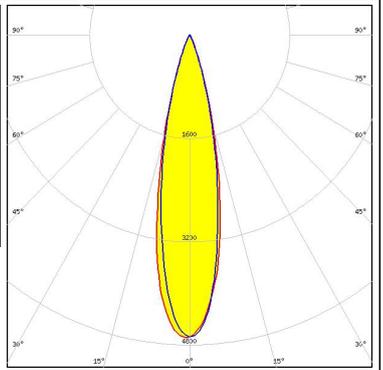
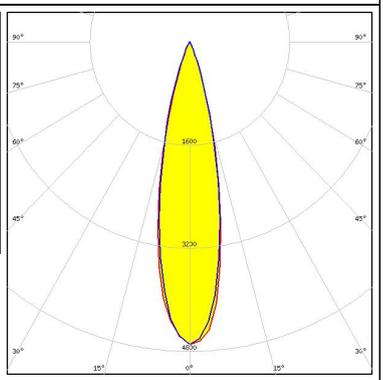


#### LUMILEDS

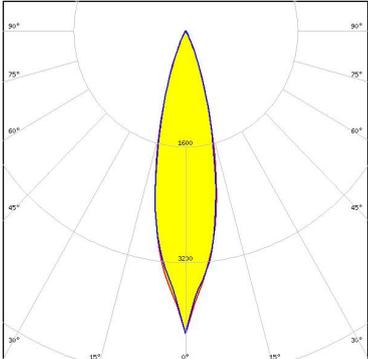
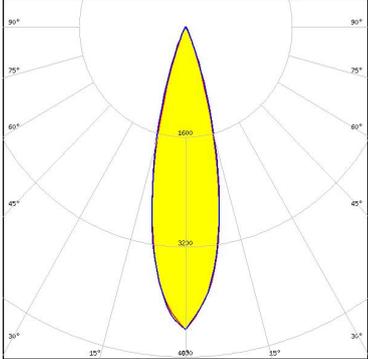
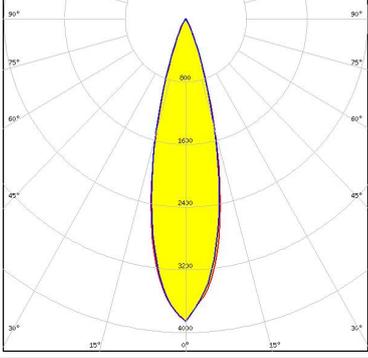
LED LUXEON Q  
 FWHM / FWTM 24.0° / 42.0°  
 Efficiency 87 %  
 Peak intensity 4.3 cd/m<sup>2</sup>  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### PHOTOMETRIC DATA (MEASURED):

<p><b>NICHIA</b></p> <p>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:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>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:</p>		

### PHOTOMETRIC DATA (SIMULATED):

<p><b>CREE</b> LED</p> <p>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:</p>	
<p><b>SAMSUNG</b></p> <p>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:</p>	
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED: Z5            FWHM / FWTM: 25.0°            Efficiency: %            LEDs/each optic: 1            Light colour: White            Required components:</p>	
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>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:</p>	

### 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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