

## 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 ⓘ

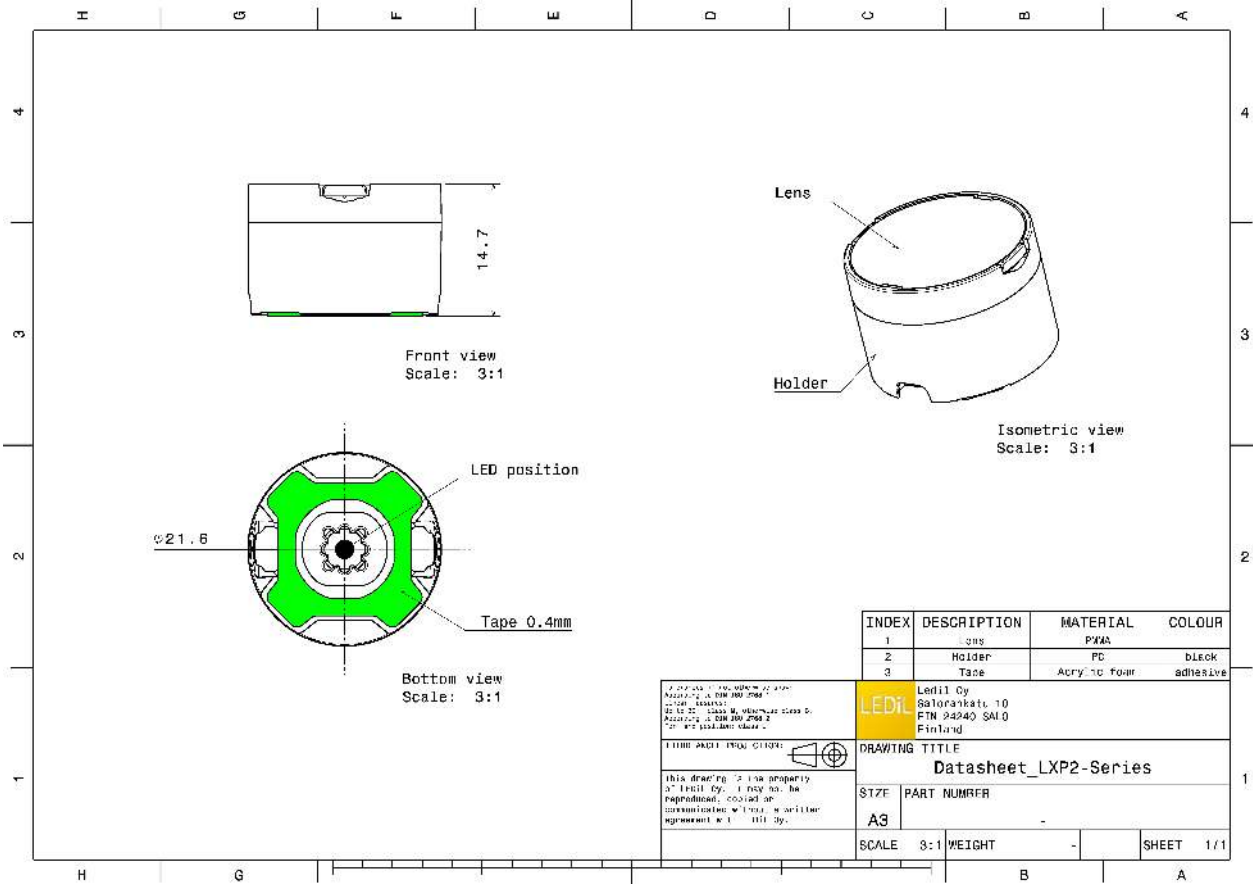


### MATERIALS:

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):

#### CREE ⇄ LED

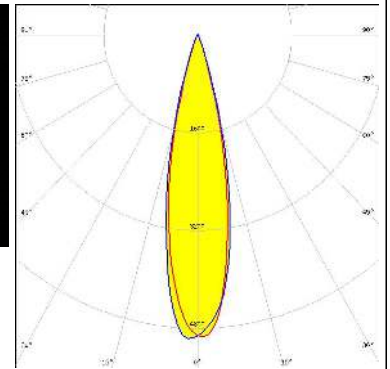
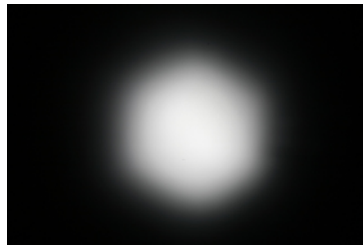
LED XP-E  
FWHM / FWTM 23.0° / 38.0°  
Efficiency 94 %  
Peak intensity 4.6 cd/m  
LEDs/each optic 1  
Light colour White  
Required components:

#### 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:



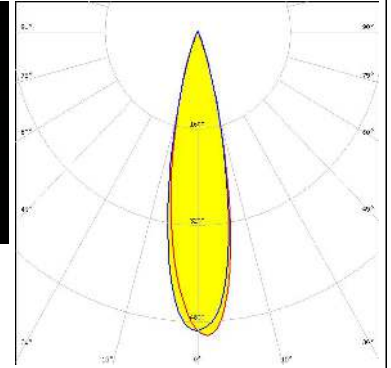
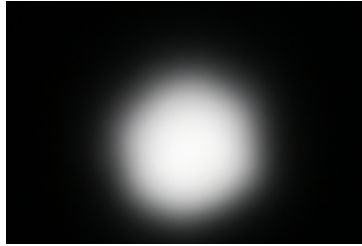
#### CREE ⇄ LED

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

### OPTICAL RESULTS (MEASURED):

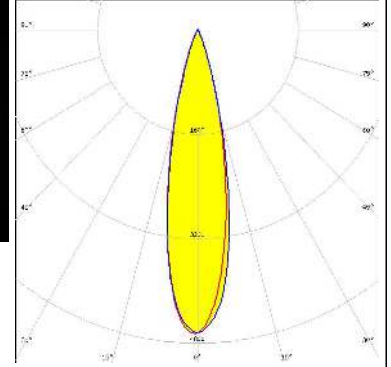
#### CREE LED

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



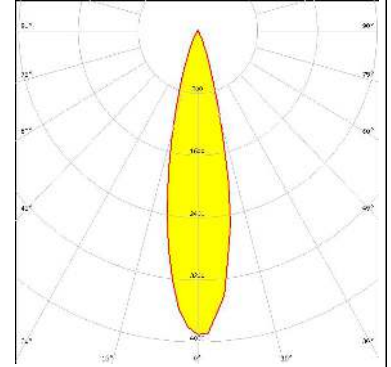
#### CREE LED

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



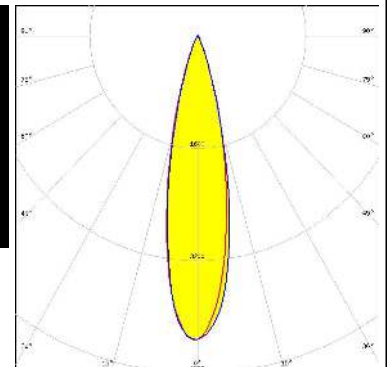
#### CREE LED

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


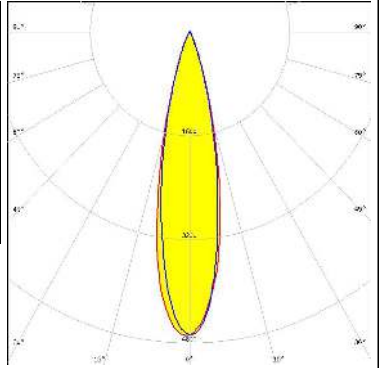
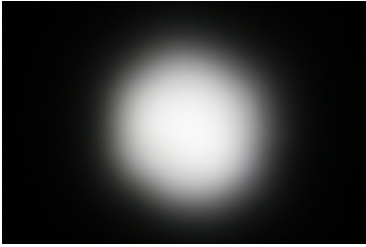
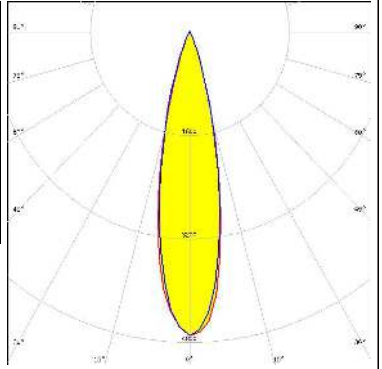


#### LUMILEDS

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



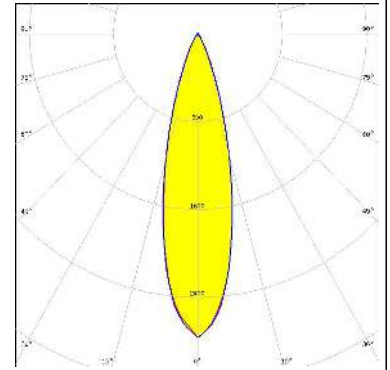
## OPTICAL RESULTS (MEASURED):

<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>		

### OPTICAL RESULTS (SIMULATED):

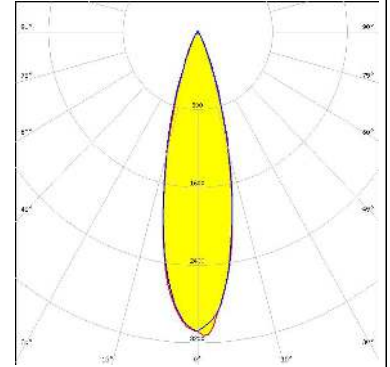
#### CREE LED

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:



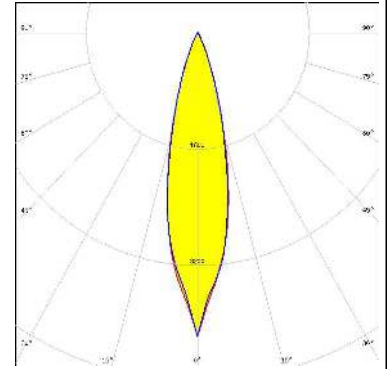
#### CREE LED

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:



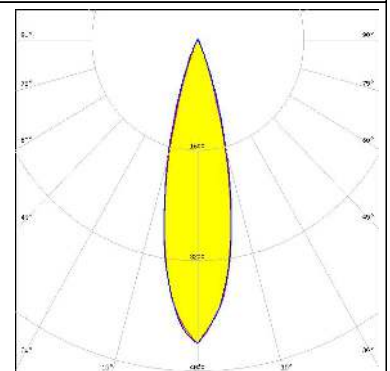
#### CREE LED

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:





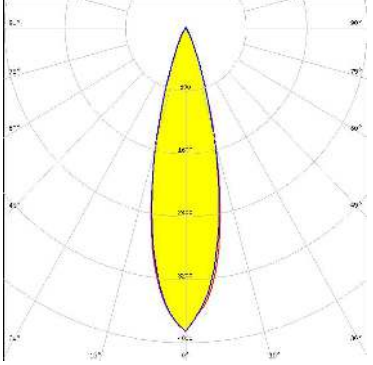
#### SAMSUNG

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:	
<hr/>	
 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:

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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