

## LXP2-D

~14° diffused spot 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 ⓘ

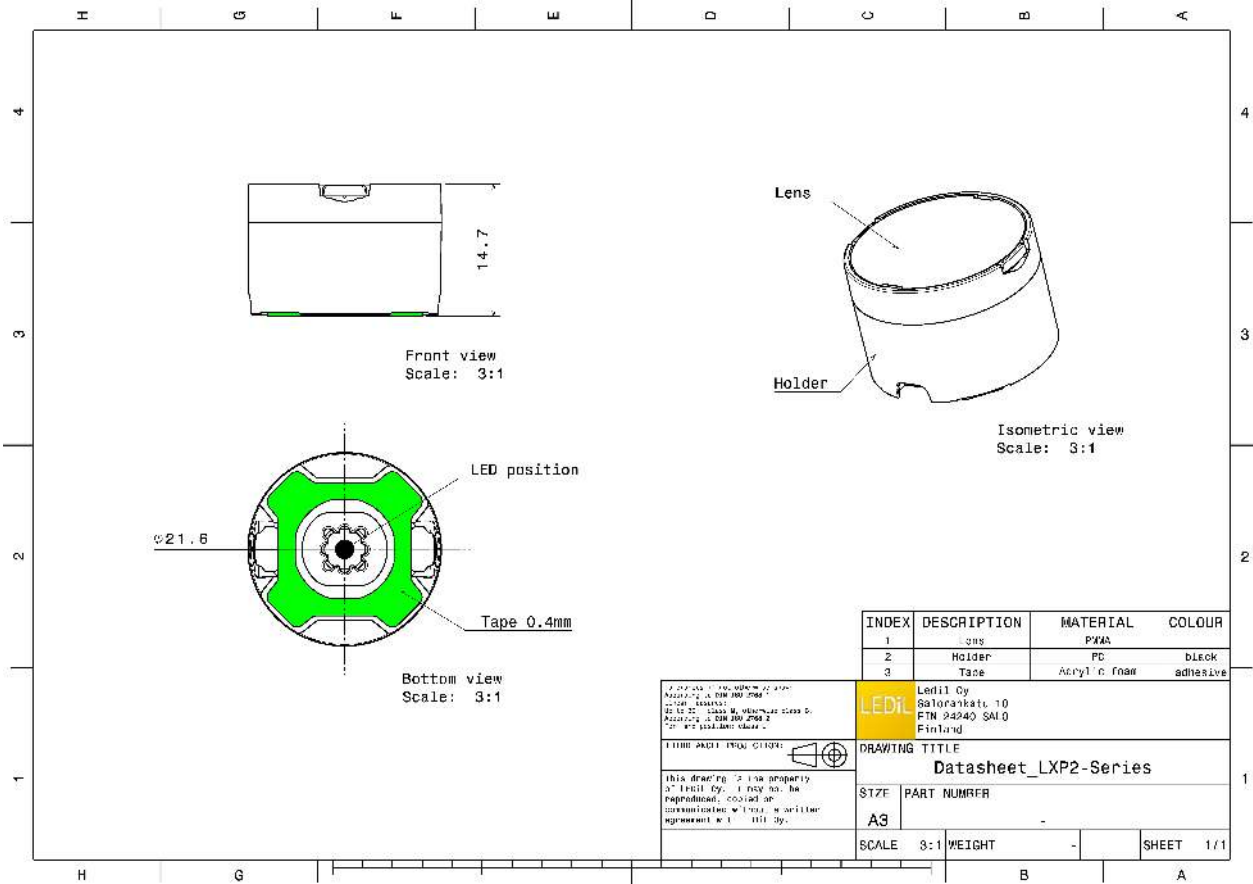


### MATERIALS:

Component	Type	Material	Colour	Finish
LXP2-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	Single lens	1680	336	112	9.4
» 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)

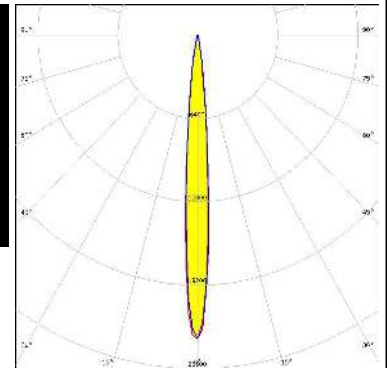
#### OPTICAL RESULTS (MEASURED):

##### CREE ⇄ LED

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

##### CREE ⇄ LED

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

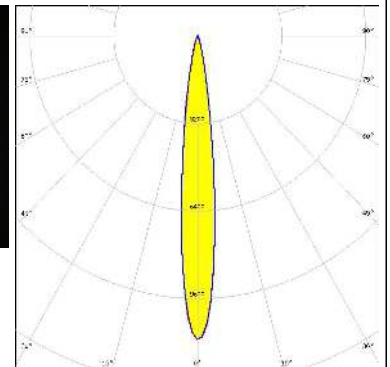


##### CREE ⇄ LED

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

##### CREE ⇄ LED

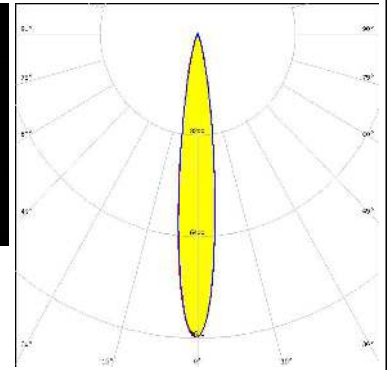
LED XP-G2  
 FWHM / FWTM 13.0° / 26.0°  
 Efficiency 90 %  
 Peak intensity 11 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



### OPTICAL RESULTS (MEASURED):

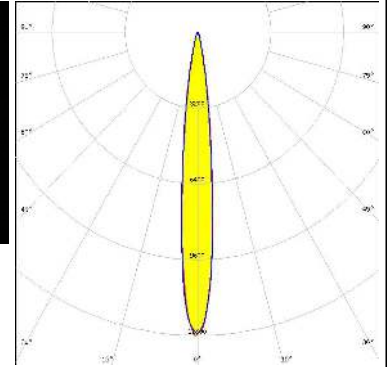
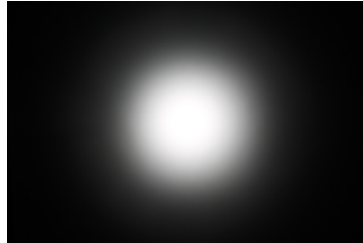
#### CREE LED

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



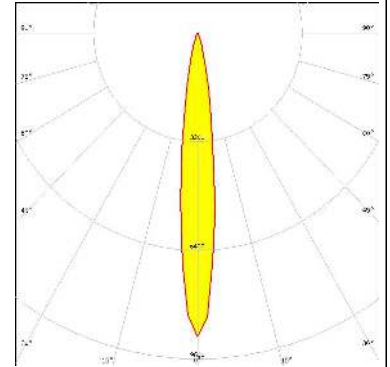
#### CREE LED

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



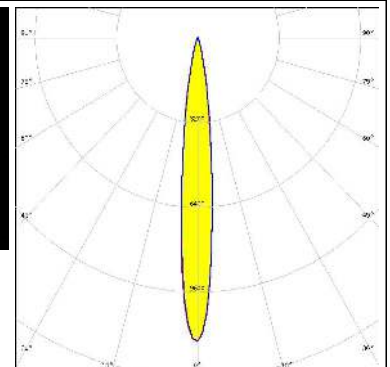
#### CREE LED

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


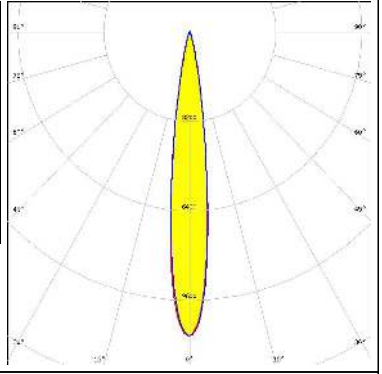

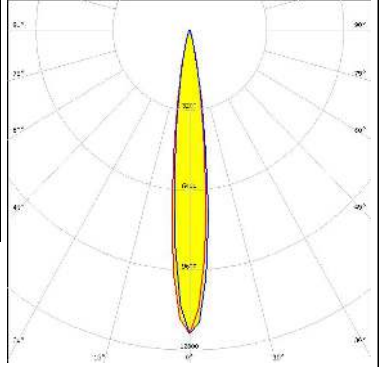


#### LUMILEDS

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



## OPTICAL RESULTS (MEASURED):

<p><b>NICHIA</b></p> <p>LED NVSW219D            FWHM / FWTM 14.0° / 27.0°            Efficiency 91 %            Peak intensity 10.9 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>SEOUL SEMICONDUCTOR</b></p> <p>LED Z5M1/Z5M2            FWHM / FWTM 14.0° / 28.0°            Efficiency 88 %            Peak intensity 12.1 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

### OPTICAL RESULTS (SIMULATED):



### 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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