

## LXP-M

~25° medium beam optimized for CREE XP-E.  
14.7 mm high assembly with installation tape.

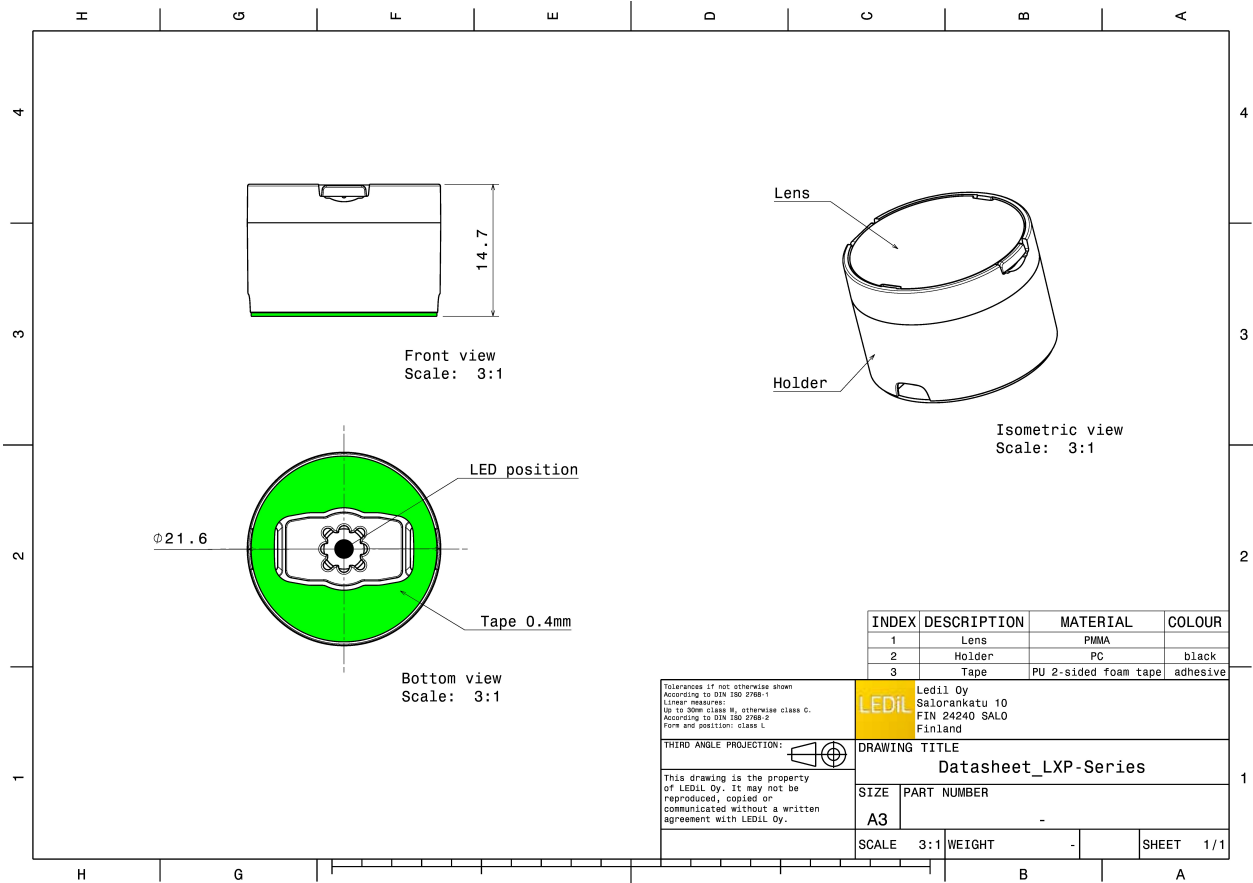
### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.7 mm
Fastening	tape
Colour	black
Box size	470 x 235 x 270 mm
Box weight	11.8 kg
Quantity in Box	2304 pcs
ROHS compliant	yes ⓘ



### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour
LR1-M	Single lens	PMMA	clear
LXP-LH1-TAPE-BLK	Holder	PC	black
LEILA-TAPE	Tape	PU tape	



### PHOTOMETRIC DATA (MEASURED):

#### CREE

LED XP-E  
FWHM 22.0°  
Efficiency 90 %  
Peak intensity 4.800 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE

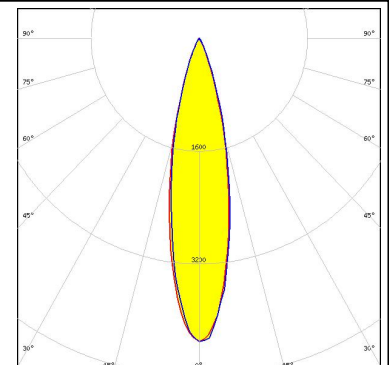
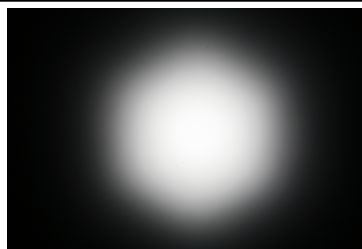
LED XP-E-HEW  
FWHM 21.0°  
Efficiency 90 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE

LED XP-G  
FWHM 26.0°  
Efficiency 91 %  
Peak intensity cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:

#### CREE

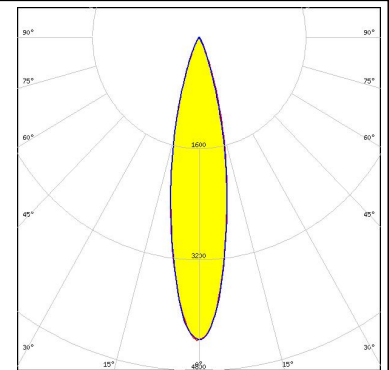
LED XP-G2  
FWHM 24.0°  
Efficiency 87 %  
Peak intensity 4.300 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



#### PHOTOMETRIC DATA (MEASURED):

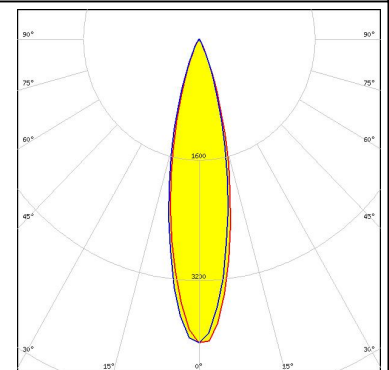
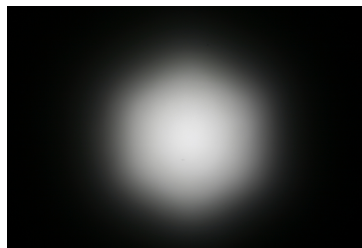
**CREE** 

LED XP-L HI  
 FWHM 22.0°  
 Efficiency 86 %  
 Peak intensity 4.400 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



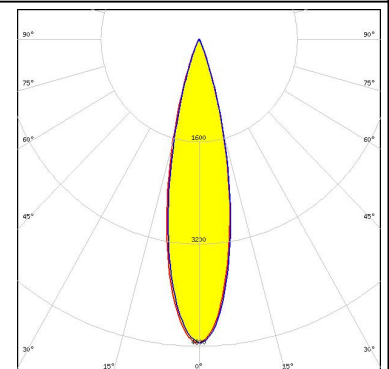
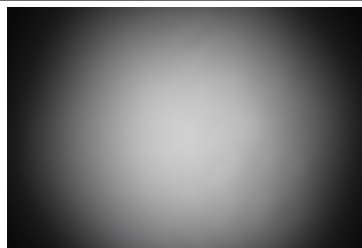
**CREE** 

LED XT-E  
 FWHM 24.0°  
 Efficiency 87 %  
 Peak intensity 4.000 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



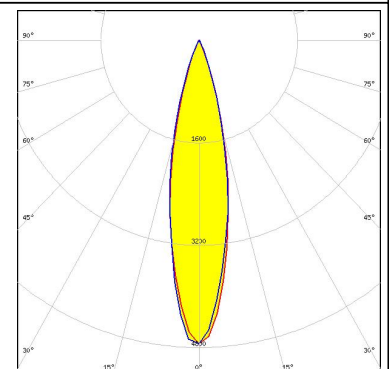
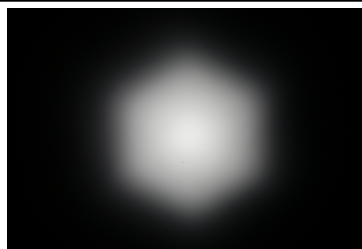
**OSRAM**  
Opto Semiconductors

LED OSOLON Square CSSRM2/CSSRM3  
 FWHM 24.0°  
 Efficiency 91 %  
 Peak intensity 4.800 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:




**SAMSUNG**

LED LH351A  
 FWHM 24.0°  
 Efficiency 90 %  
 Peak intensity 4.700 cd/lm  
 LEDs/each optic 1  
 Light colour White  
 Required components:



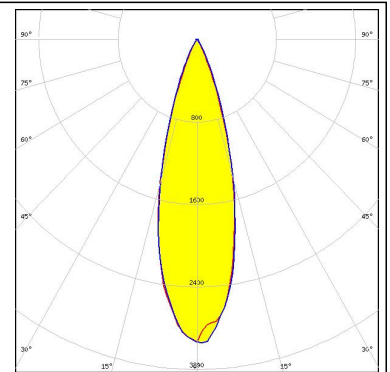
## PHOTOMETRIC DATA (MEASURED):

	
SEOUL SEMICONDUCTOR	
LED	Z5
FWHM	18.0°
Efficiency	%
Peak intensity	cd/lm
LEDs/each optic	1
Light colour	White
Required components:	

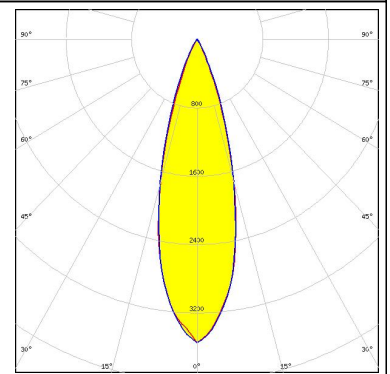
### PHOTOMETRIC DATA (SIMULATED):



LED XP-G3  
FWHM 29.0°  
Efficiency 84 %  
Peak intensity 3.000 cd/lm  
LEDs/each optic 1  
Light colour White  
Required components:



LED LUXEON V2  
FWHM 30.0°  
Efficiency 94 %  
Peak intensity 3.600 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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