

## LXM-D

~14° diffused spot beam optimized for CREE XM-L. 14.8 mm high assembly with installation tape.

### TECHNICAL SPECIFICATIONS:

Dimensions	Ø 21.6 mm
Height	14.8 mm
Fastening	tape
ROHS compliant	yes ⓘ

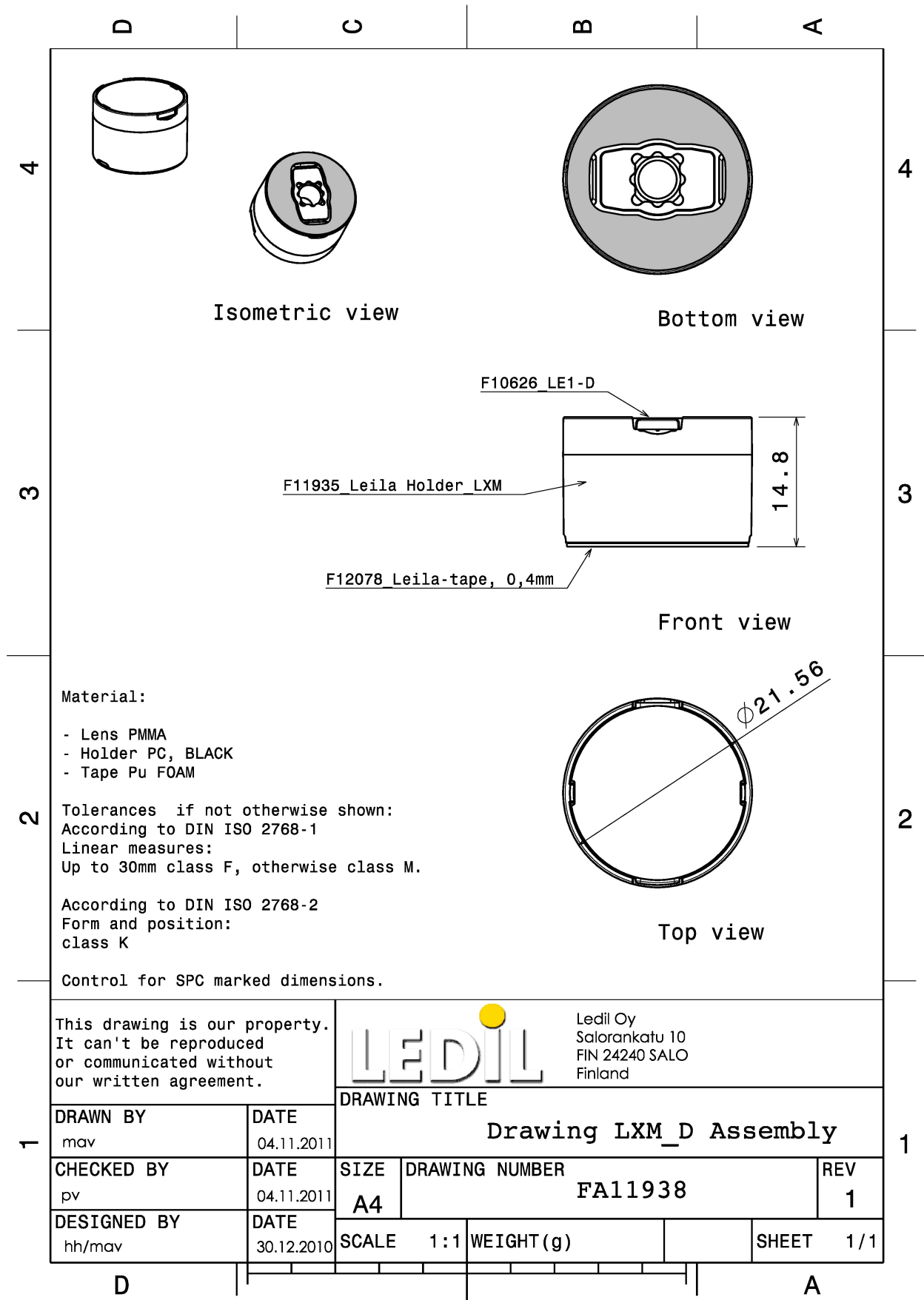


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LE1-D	Single lens	PMMA	clear	
LXM-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	PU tape	black	

### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11938_LXM-D	Single lens	2304		144	11.7
» Box size:					



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

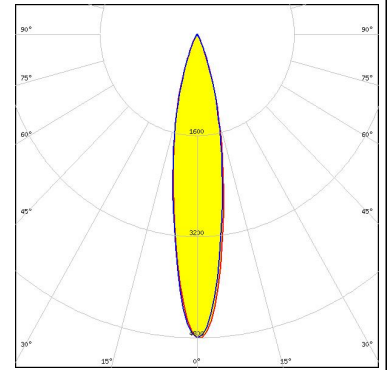
### PHOTOMETRIC DATA (MEASURED):

**CREE** 

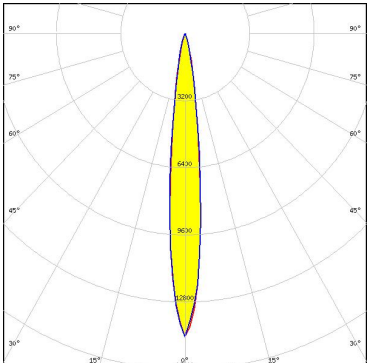
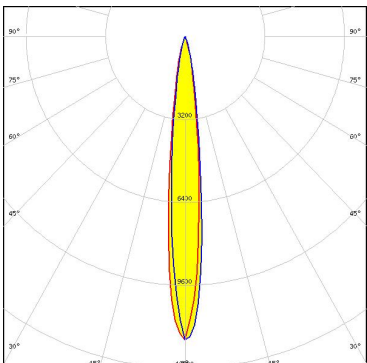
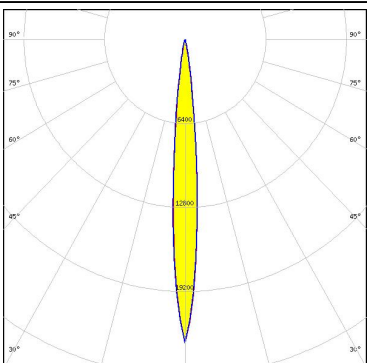
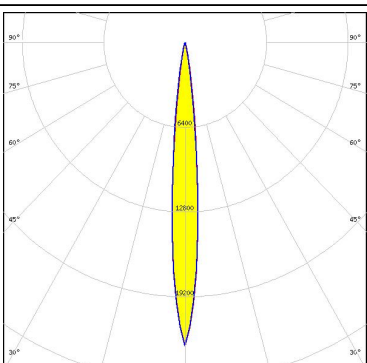
LED XM-L  
FWHM 20.0°  
Efficiency 91 %  
LEDs/each optic 1  
Light colour White  
Required components:

**CREE** 

LED XM-L2  
FWHM 20.0°  
Efficiency 90 %  
Peak intensity 4.8 cd/Im  
LEDs/each optic 1  
Light colour White  
Required components:



### PHOTOMETRIC DATA (SIMULATED):

<p><b>LUMILEDS</b></p> <p>LED LUXEON CZ            FWHM 12.0°            Efficiency 94 %            Peak intensity 14.5 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4170S            FWHM 12.0°            Efficiency 81 %            LEDs/each optic 1            Light colour IR            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4715AS            FWHM 9.0°            Efficiency 94 %            LEDs/each optic 1            Light colour IR            Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4725AS            FWHM 10.0°            Efficiency 94 %            LEDs/each optic 1            Light colour IR            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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