

## LXM-M

~25° medium 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 ⓘ

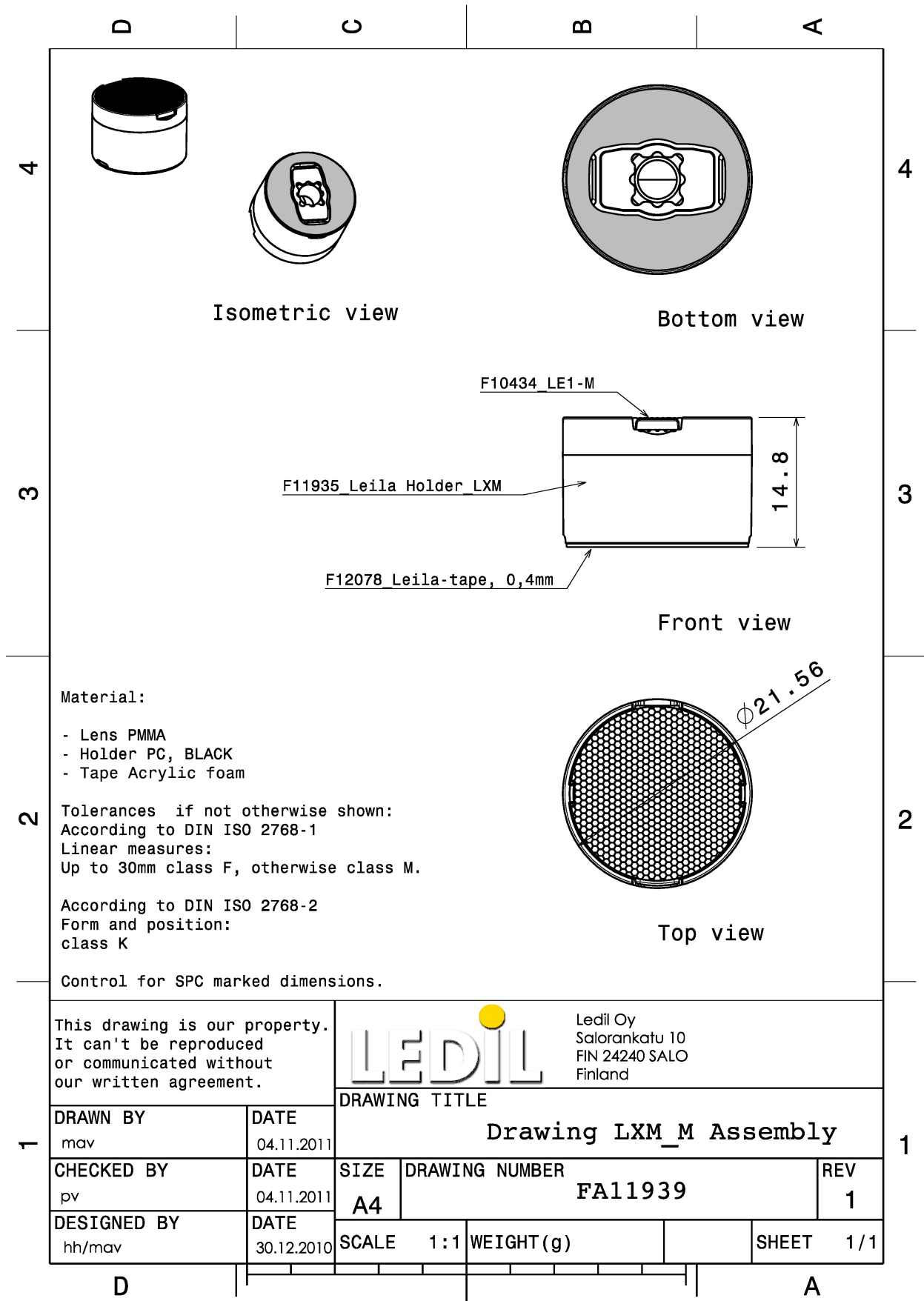


### MATERIAL SPECIFICATIONS:

Component	Type	Material	Colour	Finish
LE1-M	Single lens	PMMA	clear	
LXM-LH1-TAPE-BLK	Holder	PC	black	
LEILA-TAPE	Tape	Acrylic foam	black	


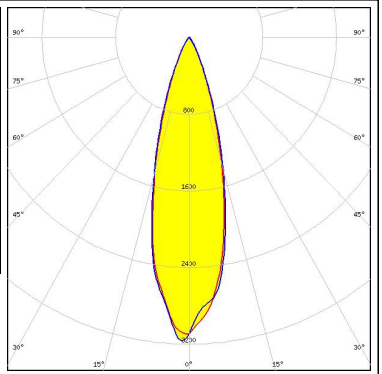

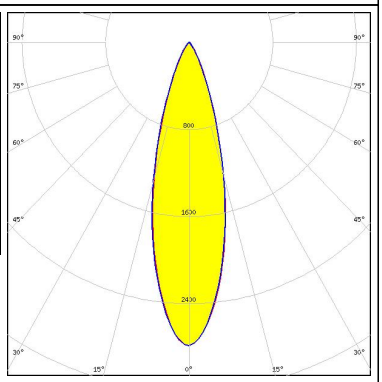
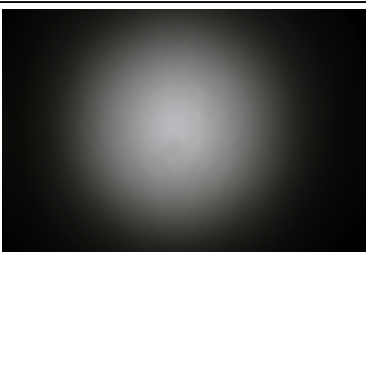
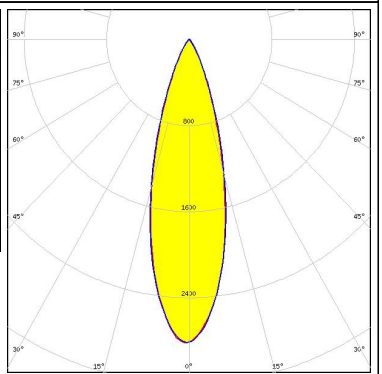
### ORDERING INFORMATION:

Component		Qty in box	MOQ	MPQ	Box weight (kg)
FA11939_LXM-M	Single lens	2304	288	144	8.0
» Box size:					

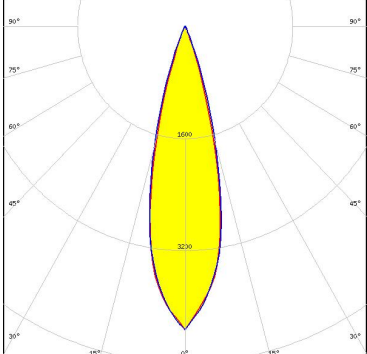
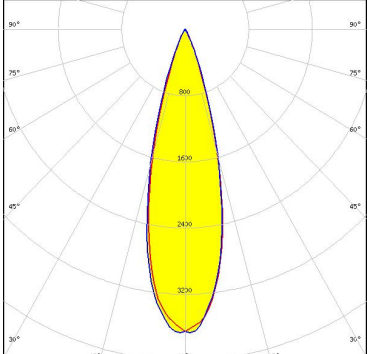
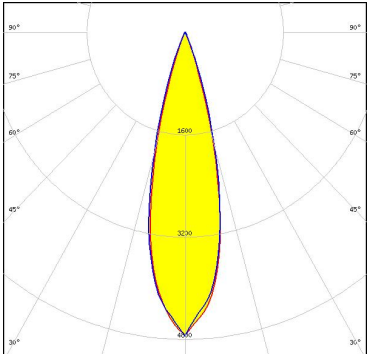


See also our general installation guide: [www.ledil.com/installation\\_guide](http://www.ledil.com/installation_guide)

### PHOTOMETRIC DATA (MEASURED):

<p><b>CREE</b> → <b>LED</b></p> <p>LED XM-L            FWHM / FWTM 30.0° / 56.0°            Efficiency 91 %            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED XM-L2            FWHM / FWTM 29.0° / 55.0°            Efficiency 86 %            Peak intensity 2.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		
<p><b>CREE</b> → <b>LED</b></p> <p>LED XM-L3            FWHM / FWTM 29.0° / 55.0°            Efficiency 87 %            Peak intensity 2.8 cd/lm            LEDs/each optic 1            Light colour White            Required components:</p>		

### PHOTOMETRIC DATA (SIMULATED):

<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4715AS FWHM / FWTM 26.0° / 42.0° Efficiency 91 % LEDs/each optic 1 Light colour IR Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4716AS FWHM / FWTM 28.0° / 47.0° Efficiency 91 % LEDs/each optic 1 Light colour IR Required components:</p>	
<p><b>OSRAM</b> Opto Semiconductors</p> <p>LED SFH 4725AS FWHM / FWTM 26.0° / 42.0° 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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