

LXM-RS

~9.6° spot beam optimized for CREE XM-L. 14.8 mm high assembly with installation tape.

SPECIFICATION:

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

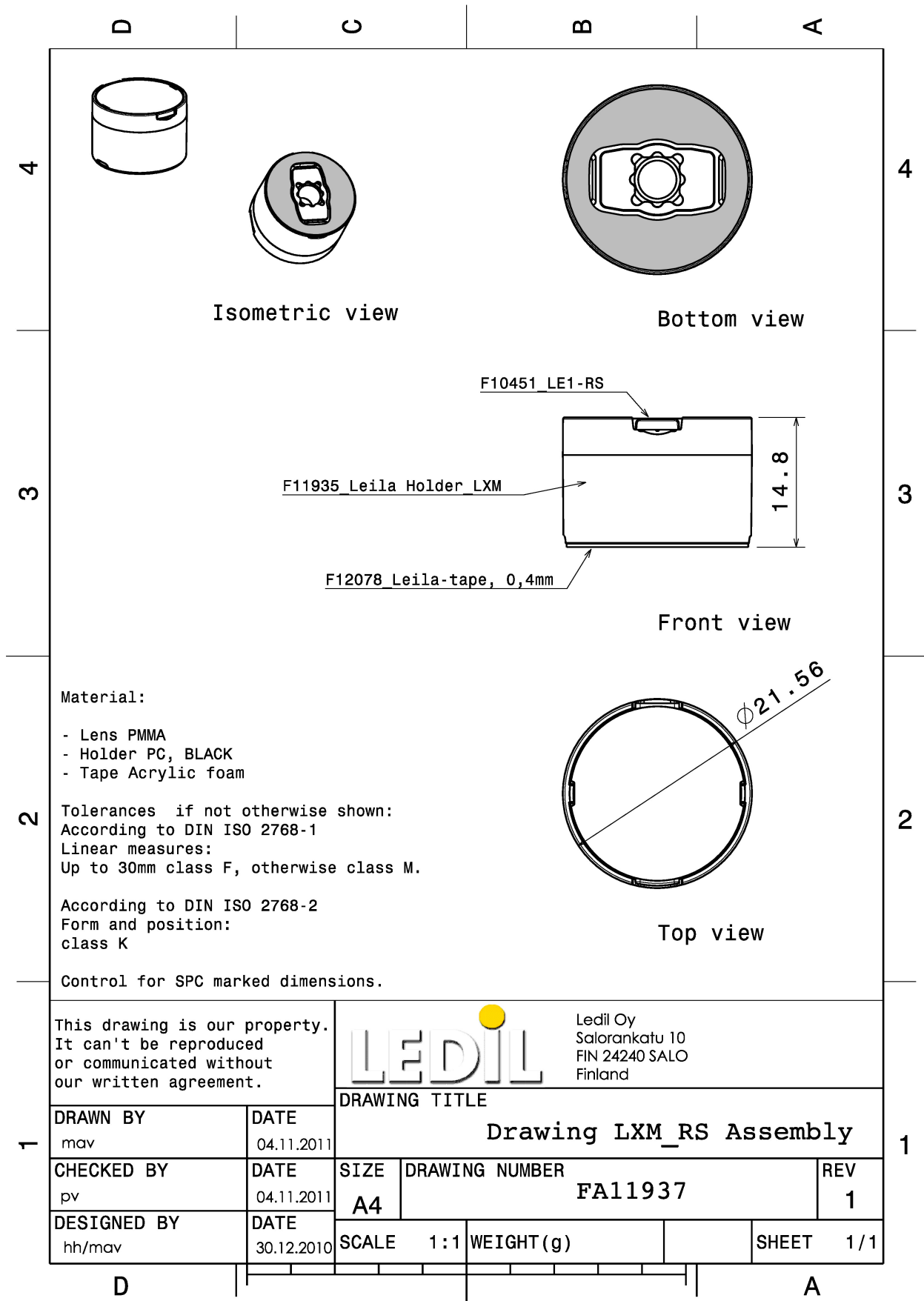


MATERIALS:

Component	Type	Material	Colour	Finish	Length (mm)
LE1-RS	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)
FA11937_LXM-RS	2304	288	144	11.7
» Box size:				

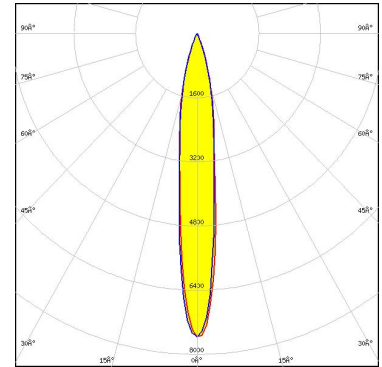


See also our general installation guide: www.ledil.com/installation_guide

OPTICAL RESULTS (MEASURED):



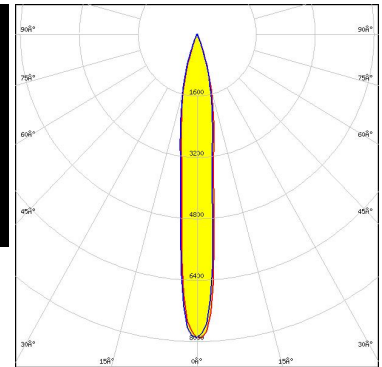
LED XM-L
FWHM / FWTM 14.0° / 38.0°
Efficiency 94 %
Peak intensity 7.6 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



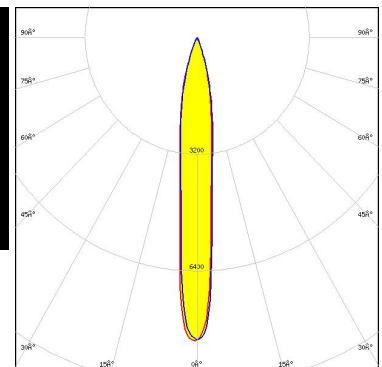
LED XM-L2
FWHM / FWTM 13.0° / 37.0°
Efficiency 93 %
Peak intensity 7.9 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:



Light distribution files



LED XM-L3
FWHM / FWTM 12.0° / 37.0°
Efficiency 93 %
Peak intensity 8.3 cd/lm
LEDs/each optic 1
Light colour/type White
Required components:

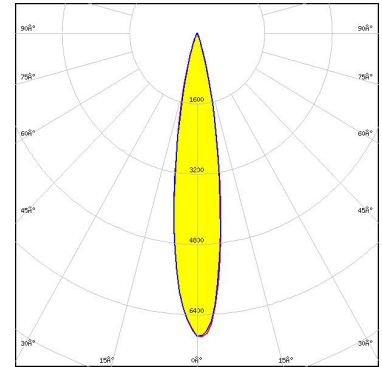


Light distribution files

OPTICAL RESULTS (SIMULATED):



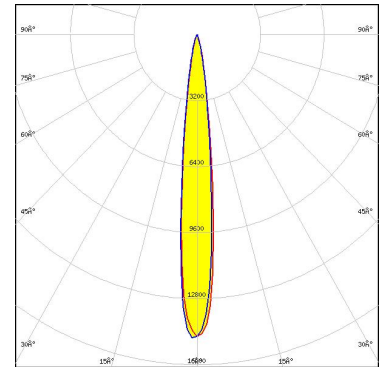
LED XQ-E HD
 FWHM / FWTM 18.0° / 34.0°
 Efficiency 92 %
 Peak intensity 7 cd/lm
 LEDs/each optic 4
 Light colour/type White
 Required components:



Light distribution files



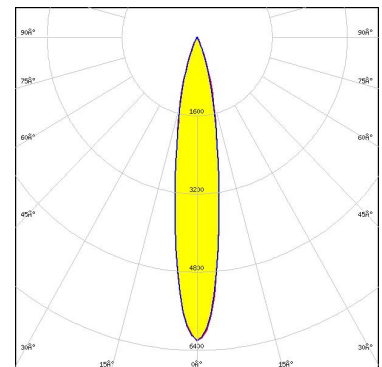
LED LUXEON CZ
 FWHM / FWTM 12.0° / 25.0°
 Efficiency 94 %
 Peak intensity 14.9 cd/lm
 LEDs/each optic 1
 Light colour/type Red
 Required components:



Light distribution files



LED SST-70X-WCS
 FWHM / FWTM 18.0° / 40.0°
 Efficiency 93 %
 Peak intensity 6.2 cd/lm
 LEDs/each optic 1
 Light colour/type White
 Required components:

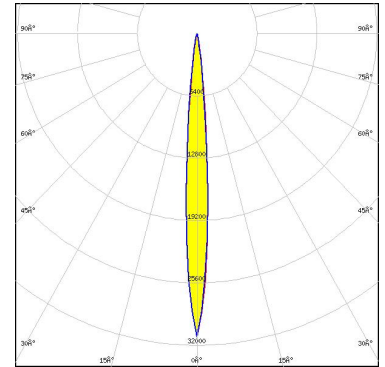


Light distribution files

OPTICAL RESULTS (SIMULATED):

OSRAM
Opto Semiconductors

LED	SFH 4725AS
FWHM / FWTM	8.0° / 18.0°
Efficiency	94 %
LEDs/each optic	1
Light colour/type	IR
Required components:	



Light distribution files

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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