

MarMonix MLM 1050

Lux / Illuminance Meter



Quick Spec Highlights

- **Measurement Range:** 0 ~ 200,000 Lux (0 ~ 18,581 Fc)
- **Accuracy:** $\pm 3\%$ (0–999.9 Lx), $\pm 4\%$ ($\geq 1,000$ Lx)
- **Response Time:** Fast, sensitive detection for low-light < 10 Lx
- **Sensor Type:** Silicon photodiode illuminance probe

Key Features

- **Wide Range:** Four gears (0.1–100 Lx resolution) for accurate low to high light levels.
- **Dual Units:** Lux (Lx) / Foot-candles (Fc) selectable.
- **Temperature Sensor:** -10 to 65 °C environmental monitoring.
- **Safety Alarms:** Adjustable high/low thresholds (default 20,000 / 0).
- **Efficient Design:** Auto-ranging, fast low-light response, auto shut-off.
- **Durable Build:** Split probe with silicon photodiode for stable, precise readings.

Ordering Info

- **Part Number :** 7603141
- **GTIN:** 6298043998208

Package Contents

- MarMonix MLM 1050 Main Unit
- Separate Light Sensor Probe (with cable)
- Carrying Case / Protective Pouch 3 x AAA
- Batteries
- User Manual
- Warranty Card

Warranty

This device is covered by a 2-year warranty from the date of purchase, ensuring reliability and long-term support. The warranty applies to defects in materials and workmanship under normal use. It excludes consumables (fuses, disposable batteries) and damage caused by accident, misuse, modification, contamination, or operation outside specified conditions.

Specifications

illuminance probe	silicon photodiodes		
Illuminance range	0~200000Lx (0~18581Fc)		
gears	Gear range	resolution	error
1 gear	0~999.9Lx (0~92.894Fc)	0.1 Lx (0.01Fc)	$\pm 3\%$
2 gear	1000~9999Lx (93~929Fc)	1 Lx (0.1Fc)	$\pm 4\%$
3 gear	10000~99999Lx (929~9290Fc)	10 Lx (0.9Fc)	$\pm 4\%$
4 gear	100000~200000 Lx (18581Fc)	100 Lx (9.3Fc)	$\pm 4\%$
Temperature range	$-10^{\circ}\text{C} \sim 65^{\circ}\text{C}$ ($14^{\circ}\text{F} \sim 149^{\circ}\text{F}$)	0.1 °C (32°F)	$\pm 1.5^{\circ}\text{C}$ (35°F)