

DIGITAL LUX METER B-101

- 0-2,00,000 LUX
- 0-20,000 FC
- COLOR DISPLAY
- TEMPERATURE

INTRODUCTION

The Beetech Lux Meter also called as the Light Meter can measure Lux upto 2,00,000 Lux or 20,000 Foot Candles.

This Light meter is reliable and high in accuracy. It has a quick response time. It offers overload indication and Low Battery Indication.

It comes along with 1 Year Warranty against manufacturing defect. Each instrument is completely checked, tested and then provided to the user.

FEATURES

- 0 to 2,00,000 Lux / 20,000 Foot Candles
- Auto Range Measurement
- Measures both Lux and Foot-Candles
- High Accuracy
- Rapid Response Sampling Time
- Temperature Measurement in °C / °F
- Color LCD Display with backlight
- Over Range Indication
- Low Battery Indication
- MAX / MIN / DATA HOLD
- Enable / Disable auto power off

APPLICATION

- Beetech B-101 is widely used in/by:
- Photographers
 - Researchers
 - Students
 - Security Department
 - Warehouse & Factories
 - Art Galleries & Museum & Stadiums
 - Hospital
 - Educational Institutions & Libraries
 - Public places



2,00,000
LUX

20,000
FC

POCKET
SIZE

RAPID
RESPONSE
TIME

MAX/MIN

HOLD

OVER RANGE
INDICATION

AUTO
POWER OFF

ACCURATE

HIGH QUALITY

RELIABLE

DURABLE

EASY TO READ

STURDY

SAFETY

CE COMPLIANT

RoHS COMPLIANT

SPECIFICATIONS

Display	4 Digits color LCD display
Measuring Range	0 Lux ~ 2,00,000 Lux / 0 Fc ~ 20,000 Fc (Foot Candles)
Accuracy	±3% rdg ± 8d (<10,000 Lux) ; ± 4% rdg ± 10d (>10,000 Lux)
Temperature Range	-20 ~ 70°C / 4°F ~ 158°F Temperature Accuracy : ±1.5°C / 2.7°F
Spectral Response	CIE photopic (CIE Human Eye Response Curve)
Spectral Accuracy	CIE Vλ function (f1' ≤ 6% f2' ≤ 2%)
Over Range Indication	LCD Display “-OL-” or “-LO”
Sampling Rate	2 Times / Second
Photo Detector	Silicon photo-diode with spectral response filter
Lux Resolution	<1000 : 0.1 ; > 1000 : 1
Temperature Resolution	0.1
Operating Conditions	-20°C ~ 60°C, -4°F ~ 140°F, 10%RH ~ 90%RH
Storage Conditions	-20°C ~ 60°C, -4°F ~ 140°F, 10%RH ~ 75%RH
Power Supply	3*1.5V “AAA” batteries
Battery Life	Approximately 60 hours