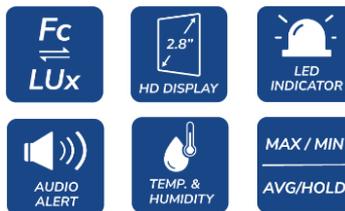# BEETECH®

B-103

LIGHT METER

This Light Meter is designed to meet the Measurement Requirements of Safety Engineers, Health Officers, Industrial Safety Offices and Light quality control in various Environments like Factory, School, Construction, Hotels, Labs, Studio etc.

NOTABLE FEATURES

(i) Auto Range
(ii) Manual Range
(iii) Colour Display
(iv) Visual alarm
(v) Audio alarm
(vi) Temperature / Humidity Ranges
(vii) USB TYPE-C cable

PRODUCT HIGHLIGHTS

Fc ⇌ LUx	2.8" HD DISPLAY	LED INDICATOR
AUDIO ALERT	TEMP. & HUMIDITY	MAX / MIN AVG/HOLD

GENERAL SPECIFICATIONS

FUNCTION	B-103
Measuring range	Auto Ranges：0～400kLux/0～40kFc
	Manual Ranges：0～400Lux,　400Lux～4kLux, 4KLux～40kLux,　40KLux～400kLux
Display resolution	0～999.9LUX: 0.1 1000～9999LUX: 1 Above 10K Lux: 0.1
Accuracy	±3% rdg±8dgts. (<10,000Lux) ±4% rdg±10dgts. (>10,000Lux)
Sampling rate	2 times per second
Spectral response	CIE photopic (CIE human eye response curve)
Photo detector	Silicon photo-diode with spectral response filter
Light overloading display	Display "LO"
Spectral accuracy	CIE Vλ function f1'≦6%
Cosine response	f2'≦ 2%
Visual alarm	3-Color LED light alarm Green light ＜ 500 LUX, Yellow light ＜ 1000 LUX, Red light ＞ 1000LUX。 Note: The alarm value can be set by user
Audible alarm	Alarm for 20 seconds, stop for 1 minute, and then cycle the alarm. (The audible alarm defaults to the ON state and can be turned off by user)
Temperature range	-20℃～60℃/-4℉～140℉
Temperature accuracy	±1.0℃/1.8℉
Temperature resolution	0.1
Over range Indication	LCD displays "-OL-" or "-HI-"
Humidity range	10～100%RH
Humidity accuracy	35～75%RH;±5%RH,　other；±7%RH
Humidity resolution	1
AVG/MAX/ MIN/HOLD	√
LUX/FC Conversion	√
℃/℉ Conversion	√
Auto power off	Turns off after 15 mins (approx.) after inactivity
Power supply	3*1.5V AA batteries or USB TYPE-C cable
Operating conditions	-20℃～60℃/-4℉～140℉,　10～95%RH
Storage conditions	-20℃～60℃/-4℉～140℉,≦85%RH
Dimension	225(L)*68(W)*29(H)mm
Weight	279g