TENMARS TM-216
Lux Light Meter
03:24
179.5
LUX
F
△%
HOLD
R-M
AVG
CD
SEL
ADJ
MAX MIN▼
REC
▲ LOG
T-H
CF
SET
TIME
F/S

TM-216 Lux Light Meter

Functions:

Data hold
Auto range and manual range
Auto power off and disable auto power off
LED back light
Max/Min hold
Low battery indication
AVG: 5-point method
Real zero function
Light transmittance %
Light source luminous intensity (CD)
Response selector
Time Hold
Color correction factor

Specifications:
Display : 4 digits LCD with maximum reading 4000
Datalogging capacity up to 7000 records
Applicable system: Windows 7/8/10
Dimension: Meter→172x56x38mm (LxWxH)
Sensor→81x56x38mm (LxWxH)
Length of wring for light sensor: Approx. 1 M
Weight: 300g (including battery)

Impedance:

Standard	Conforms to DIN 5032 Part 7 Class B Conforms to JIS C 1609-1: 2006 Class AA Conforms to JJG 245-2005 Class A
Measuring range	40.00/400.0/4000/40,00$_0$/400,0$_{00}$ Lux 40.00/400.0/4,000/40,00$_0$ Foot-Candle
Resolution	0.1/1/10/100 Lux 0.01/0.1/1/10 foot-candle
Relative spectral responsivity (f_1')	±6 % of the CIE spectral luminous efficiency V (λ)
Cosine correction characteristics (f_2)	±3%
Angled incident light characteristics	Angle of 10°: ±1% 30°: ±2% 50°: ±6% 60°: ±7% 80°: ±25%

Accuracy	±3% (Calibrated to standard incandescent lamp 2856◦K and < 3000 Lux)
Linearity(f_3) (accuracy)	< 3000 Lux : ±2% of reading ±1 digit 3000 Lux to 9999 Lux : ±3% of reading ±1 digit > 10000Lux(930 fc) N/A
Initial Adjustment (f_{ADJ}) DIN5032 Part7 JJG 245-2005	±3% with reading ± 1
Linearity(f3) DIN5032 Part7 JJG 245-2005	±1%
Range change(f11)	±1%
Fatigue(f5)	-0.5%
IR response(f_{IR})	±2%
UV response(f_{UV})	±1.5%
Temperature($f6_T$)	±0.5%/°C
Response time	Auto range:< 5 seconds; Manual range: <2 seconds