

Special Meters

TENMARS

DL-201 and DL-202 Digital Lux/ Fc Light Meter

are designed and built for use in an environment of pollution degree 2 according to JISC 1609 and CNS 5119 general A class specifications.



DISPLAY

- 3 1/2 digits LCD with maximum reading of 1999
- Overload indication: LCD will show "OL" in the up left position.
- Low battery indication: Replace battery immediately when LCD displays " ㊄".

FUNCTIONS

- Low cost highest precision
- Measuring intensities of illumination in Lux or Footcandles
- Measuring lights source include all visible
- Length of wiring for light sensor: Approximately 1.5M.
- Cosine angular corrected
- Many applications include: Warehouses, factories, office buildings, restaurants, schools, library, hospitals, photographic, many video, parking garages, museums, art galleries, stadiums, building security.

Model	DL-201	DL-202
Data hold	•	•
DC analog output		•
Max./Min. hold		•
Max. hold	•	
Zero adjustment	•	•

ACCESSORIES

- User's manual
- Carrying case
- 9V battery x 1pc
- 3 Ø plug (DL-202)

POWER SUPPLY

- Battery type: 9V NEDA 1604, IEC 6F22, JIS 006P x 1pc.
- Battery life: About 200 hours.

OPERATING CONDITIONS

- Operating temperature & humidity: -10°C ~ 40°C, 0%~ 80% RH.
- Storage temperature & humidity: -10°C~ 50°C, 0%~ 70% RH.

DIMENSION

- Meter size: 130 x 55 x 38mm (L x W x H)
- Sensor size: 125 x 66 x 35mm (L x W x H)
- Weight: About 250g (including battery)

SAMPLING SPEED

- Sampling rate: 2.5 times per second for digital display.

SPECIFICATIONS

Display	2000 count, large LCD display, easier to read.	
Sensor	Silicon photodiode and filter	
Measuring range	20 (DL-202), 200, 2000, 20000, 200000 Lux. 20, 200, 2000, 20000 Footcandles	
Accuracy	±3% (Calibrated to standard incandescent lamp 2856°K)	
	8% (other visible light source, DL-201)	
	6% (other visible light source, DL-202)	
Angle deviation from cosine characteristics	30°	±2%
	60°	±6%
	80°	±25%



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