

1. ELECTRICAL SPECIFICATIONS

Accuracy is indicated as \pm (% reading + mV) at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$, with $<80\%$ HR

ILLUMINANCE

Range	Accuracy	Response time
0.00 ÷ 20.00 lux	$\pm(3\% \text{rdg} + 5 \text{ mV})$ for CIE standard at 2856 °K	$\leq 100\text{ms}$
0 ÷ 2000 lux		
10 ÷ 20.000 lux		

- Spectral accuracy: $\leq 8\%$
- Spectral response: $\leq 3\%$
- Spectral field: CIE $V(\lambda)$ from 380 to 780 nm

OUTPUT SIGNAL

Range	Signal
20 lux	1mVDC per 0.01lux
2000 lux	1mVDC per 1lux
20.000 lux	1mVDC per 10lux

- Input impedante digital multimeter: $1\text{M}\Omega$ (at 2V) minimum
- Output impedance: about 500Ω .

2. GENERAL SPECIFICATIONS

Measurement probe:

- Silicon photodiode
- Output connector: Conney-Hypertac type

Mechanical characteristics:

- Sizes: 210(L) x 40(W) x 31(D) mm
- Cable length: 2m
- Photodiode: diameter 12mm
- Weight (included battery): about 175g

Supply:

- 9V alkaline battery type NEDA1604, JIS006P, IEC6F22
- Battery life: about 220 hours
- Low battery indication.

Working temperature:

- 0°C to 50°C (32 to 122°F), 0 - 80 %RH.

Storage temperature:

- -10°C to 60°C , 0 - 80 % R.H.
- Altitude max: 2000m