



LUMETRON PM-3 Digital Lux Meter



The **LUMETRON PM-3 Digital Lux Meter** is a compact, lightweight & easy to use Illuminance meter. The sensor is a highly stable silicon photo diode having a wide measuring range. Its spectral response is closely matched with the CIE relative photopic luminosity curve by multi-element glass filters. The sensor is also cosine corrected for true response at variable incidence angles. Remote connection to the hand held display unit by a 2 m long cable allows measurements in confined spaces. It is versatile enough to measure street lighting, office & factory lighting, flood lighting & daylighting. It can also be used to check existing performance & level of maintenance of luminaires & for lighting development. The accuracy & consistent performance of the PM-3 leads to applications in the photometric test laboratory & for lamp & luminaire manufacturers.

Features

- * To measure Illumination values of light sources, luminaires & installations & for comparative studies.
- * Sensitive photocell with multi-element CIE correction filter.
- * High contrast 3 ½ digit LCD display.
- * 3 Ranges: 200, 2k, 20 k lux. (others on request)
- * Resolution : 0.1, 1, 10 lux .
- * Data Hold facility.
- * Works on a single 9 V battery with low battery indication.
- * Compact hand held case.
- * 23 mm dia. sensor housing with protective dust cap & 2 m long cable.
- * Precision low noise Lemo shell connector.
- * ZERO setting.

Specifications

Type	: Multi Range Illuminance Meter
Sensor	: Silicon Photodiode
Sensor Housing	: 23 mm dia., Cosine corrected, dust cap, 2 m long cable and shell connector
Response	: 380 to 760 nm, Visible range
V(l) correction	: By special multi element filters.
Ranges	: 0.1-199.9 lux , 1-1999 lux , 10-19990 lux
Accuracy	: Within +/-5 %
Display	: 3 ½ digit, high contrast, LCD display with, <ul style="list-style-type: none"> * Low Battery Indication * Over Range Indication (Display MSD = 1) * Data Hold
Power	: One 9 V Battery (PP3 or equivalent)
Dimensions	: 150 L x 80 W x 35 H mm overall.
Weight	: 190 gms. with battery.

