

# Data Sheet

## ILM 1335

### Digital Light Meter

#### FEATURES

- Spectral Sensitivity close to CIE photopic Curve.
- Measuring Levels Ranging 0 to 400,000 Lux, 0 to 40,000 fc.
- Accurate and Instant response.
- Data Hold function.
- MAX/MIN function.
- Peak Hold function.
- Relative function.
- Cosine Angular corrected.
- Auto-Power-Off function.

#### SPECIFICATIONS

|                                       |   |
|---------------------------------------|---|
| <b>Display</b>                        | 3-3/4 digit LCD with bargraph indication.   |
| <b>Measuring Range</b>                | 40.00Lux, 400.0Lux, 4000Lux, 40.00Klux, 400.0Klux, 40.00fc, 400.0fc, 4000fc, 40.00Kfc. (1 fc = 10.76 Lux) |
| <b>Overrange Display</b>              | "OL" is displayed   |
| <b>Resolution</b>                     | 0.01 Lux , 0.01 fc  |
| <b>Accuracy</b>                       | ±3% rdg ±0.5%f.s dgt (Calibrated to standard incandescent lamp, 2856 K)                                   |
| <b>CIE photopic</b>                   | $f'_{11} \leq 6\%$  |
| <b>Cosine Response</b>                | $f'_{12} \leq 2\%$  |
| <b>Temperature Characteristics</b>    | ±0.1% / °C  |
| <b>Measuring Rate</b>                 | Digits : 1.3/sec<br>Analog : 13.3/sec   |
| <b>Photosensor</b>                    | Silicon photodiodes   |
| <b>Operating / Storage Conditions</b> | 0 to 50°C <80% RH<br>-10 to 60°C <70%RH   |
| <b>Power Source</b>                   | 6 pcs AAA size Battery  |
| <b>Battery Life (typical)</b>         | 400 hours   |
| <b>Photosensor Lead Length</b>        | 150 cm (approx.)  |
| <b>Photosensor Dimensions</b>         | 920x60x29mm   |
| <b>Dimension</b>                      | 150x72x35mm   |
| <b>Weight</b>                         | 320g  |
| <b>Accessories</b>                    | Carrying case, Instruction manual, Battery  |

