



KYORITSU · ENVIRONMENTAL TESTERS · DATASHEET

Kyoritsu KEW 5204BT Digital Light Meter

Model KEW 5204BT · Digital Light Meter



Digital light meter for 0.0 to 199900 lux with a detachable, rotatable sensor and Bluetooth® 5.0 transfer to Android and iOS apps.

Key features

- Wide range 0.0 to 199900 lux, 0.1 lux resolution
- Bluetooth® 5.0 data transfer to Android and iOS devices
- Works with KEW Smart Advanced and KEW Power apps
- Detachable and rotatable light sensor
- Data hold and MAX/MIN functions with backlit LCD
- Suitable for measuring LED illuminance; JIS C 1609-1:2006

Price and availability

Ask Industrial Supply Syndicate for the current price, stock and a quotation with GST and freight. Call +91 8961089611 or WhatsApp +91 89610 89611.

Specifications

Illuminance	
Measuring range	0.0 to 199900 lx
Ranges	199.9 / 1999 / 19990 / 199900 lx
Resolution	0.1 lx
Light detector	Silicon photodiode
Accuracy	±4% rdg ±5 dgt (23 °C ±2 °C)
Deviation from cosine characteristics	10°: ±1.5%; 30°: ±3%; 60°: ±10%; 80°: ±30%
Temperature characteristics	±5% (23 °C reference, 0 to 40 °C)
Relative spectral sensitivity	Deviation from spectral luminous efficiency: 9%
Response time	Auto ranging: 5 s or less; manual ranging: 2 s or less
Safety	
Standards	JIS C 1609-1:2006, IEC 61326
General	
Communication interface	Bluetooth® 5.0
Auto power off	30 min
Operating temperature and humidity	0 to 40 °C, RH 80% or less (no condensation)
Storage temperature and humidity	-10 to 60 °C, RH 70% or less (no condensation)
Power source	R6 / LR6 (AA) (1.5 V) × 2
Cable length	Approx. 260 to 1,000 mm



General (continued)

Dimensions	169 (L) × 63 (W) × 37 (D) mm
Weight	Approx. 210 g

What's in the box

- Carrying case (9195)
- AA battery (LR6) × 2
- Instruction manual

Typical applications

- **Electrical Maintenance** – Lighting surveys up to 199900 lux with readings sent to a phone over Bluetooth® 5.0.

Official Kyoritsu documents

[KEW 5204BT product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 5204BT instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 5204BT across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

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