



Quality and reliability is our tradition

KYORITSU

# DIGITAL LIGHT METER KEW 5204 / 5204BT

## Wide range and precise illuminance measurement Streamlines report creation



Wireless communication  
with Smartphone or tablet.  
(5204BT only)

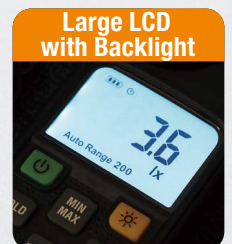


KEW  
CONNECT



Photo:5204BT

- Wide range illuminance measurement 0.0 to 199900 lx
- With auto zero adjustment function to achieve precise measurements
- Detachable & Rotatable Light Sensor
- Capable of measuring LED illuminance
- MAX/MIN Function
- Large LCD with Backlight
- Bluetooth communication function (5204BT only)



KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

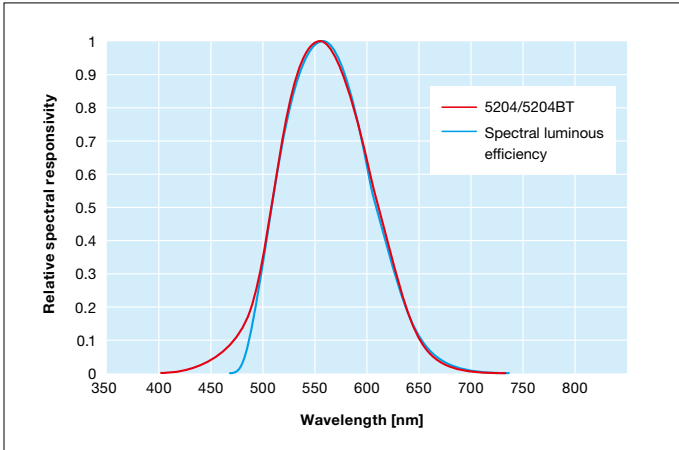
www.kew-ltd.co.jp

## ● KEW 5204 / 5204BT Specification

|   |  |
|---|--|
| Light detector                                | Silicon photo diode  |
| Measuring range                               | 0.0 to 199900 lx   |
| Range   | 199.9/1999/19990/199900 lx                                   |
| Resolution                                    | 0.1 lx   |
| Accuracy                                      | ±4%rdg±5dgt (23°C±2°C)                                       |
| Angle deviation from cosine characteristics   | 10° ±1.5%, 30° ±3%, 60° ±10%, 80° ±30%                       |
| Temperature characteristics                   | ±5% (at 23°C reference and a range of 0 to 40°C)             |
| Relative spectral sensitivity characteristics | Deviation from spectral luminous efficiency: 9%              |
| Response time                                 | Auto range: 5s or less<br>Manual range: 2s or less           |
| Operating temperature and humidity range      | 0 to 40°C, relative humidity 80% or less (no condensation)   |
| Storage temperature and humidity range        | -10 to 60°C, relative humidity 70% or less (no condensation) |
| Auto power off                                | 30 min.  |
| Applicable standards                          | IEC 61326  |
| Communication interface*1                     | Bluetooth®   |
| Power source                                  | R6/LR6(AA)(1.5V) × 2   |
| Dimension / Weight                            | 169 (L) x 63 (W) x 37 (D) mm / Approx. 210g                  |
| Accessories                                   | 9195(Carrying case), Instruction manual<br>LR6(AA) × 2       |

\* LED illuminance measurements are verified by testing only the typical illuminance, frequency, and duty ratio of pulsed white LED.  
\*1 5204BT only  
Bluetooth is a trademark or registered trademark of Bluetooth SIG, Inc. Android is a trademark or registered trademark of Google Inc. IOS is a trademark or registered trademark of Cisco Technology, Inc. in the United States and other countries.

## ● Relative Spectral Response Characteristics in the Visible Spectrum



## ● Adequate Light Levels for Your Working or at Your Work Areas

| LUXES (lx) | 3,000 | 2,000                  | 1,500                       | 1,000  | 750   | 500                                   | 300 | 200 | 150 | 100 | 75 | 50 | 30 | 20 | 15 |
|------------|-------|------------------------|-----------------------------|--|---|---------------------------------------|-----|-----|-----|-----|----|----|----|----|----|
| OFFICE     |       |                        |                             | Entrance hall (day-time)<br>Director room  | Inquiry office<br>Dining room<br>Night-duty room                                  | Stair                                 |     |     |     |     |    |    |    |    |    |
|            |       |                        |                             | Council room<br>Electrical computer room<br>Reception room<br>Guard station                                    | Library, Tearoom<br>Dressing room<br>Toilet, lavatory                             | Warehouse,<br>Lift, Passage           |     |     |     |     |    |    |    |    |    |
| FACTORY    |       | Extra fine visual work | Design room<br>Drawing room |  | Control room,<br>Electric room<br>Air conditioning machine room, lavatory, Toilet | Entrance<br>Passage Path<br>Warehouse |     |     |     |     |    |    |    |    |    |
| SCHOOL     |       |                        | Drawing room                |  | Classroom,<br>Faculty room,<br>Dining room,<br>Gymnasium<br>Night-duty room       | Stair                                 |     |     |     |     |    |    |    |    |    |
|            |       |                        |                             | Clothing classroom,<br>Electronic computer room<br>Experimental laboratory<br>Reading room<br>Health care room | Auditorium,<br>Assembly room<br>Locker room<br>lavatory, Toilet                   | Passage                               |     |     |     |     |    |    |    |    |    |

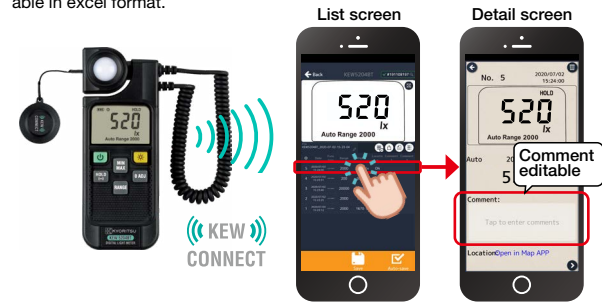
## ! Safety Warnings :

Please read the "Safety Warnings" in the instruction manual supplied with the instrument thoroughly and completely for correct use. Failure to follow the safety rules can cause fire, trouble, electrical shock, etc. Therefore, make sure to operate the instrument on a correct power supply and voltage rating marked on each instrument.

## ■ For inquiries or orders :

## KEW Smart Advanced application streamlines report creation.

Download and install our special application "KEW Smart Advanced" in your smartphone or tablet device for logging the measured values. Measured values can be saved in your smartphone or tablet device in csv format: the data is editable in excel format.



Please search **KEW Smart Advanced**



Application for Android

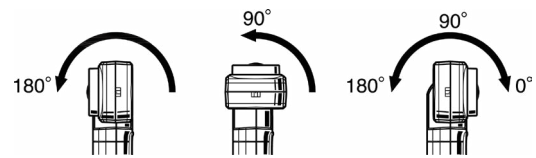
Free Android software "KEW Smart Advanced" is available on "Google Play Store".



Application for iOS

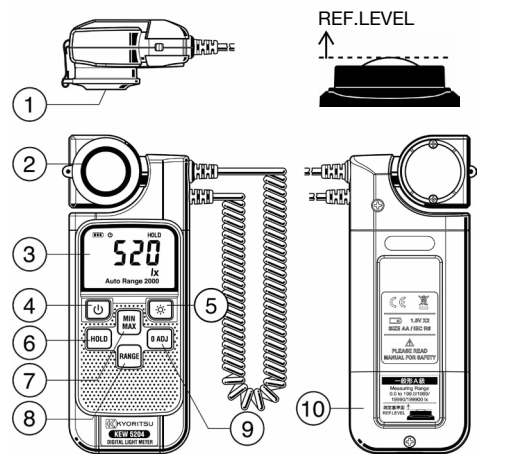
Free iOS software "KEW Smart Advanced" is available on "App Store".

## Detachable & Rotatable Light Sensor



Light sensing probe can be angled while fixed to the main unit. The probe can also be detached for use.

## Name of Parts and Position



- ① Lens Protecting Cover
- ② Light Sensing Probe/Photocell
- ③ LCD Display
- ④ Power button
- ⑤ Backlight button
- ⑥ HOLD button
- ⑦ Max/Min button
- ⑧ Range selector button
- ⑨ 0 ADJ button
- ⑩ Battery cabinet cover



**KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.**

2-5-20, Nakane, Meguro-ku, Tokyo, 152-0031 Japan

Phone:+81-3-3723-0131

Fax:+81-3-3723-0152

[www.kew-ltd.co.jp](http://www.kew-ltd.co.jp)

