

**NEW**



Quality and reliability is our tradition

**KYORITSU**

## DIGITAL LIGHT METERS KEW 5204 / 5204BT

***For efficient good illuminance level achievement and management!***



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



**KEW  
CONNECT**



- **Wide Range Illuminance Measurement**  
0.0 lx to 199900 lx
- **With auto-zero-adjustment function to achieve precise measurements.**
- **Detachable & Rotatable Light Sensor**
- **Data Hold Function**
- **MAX/MIN Function**
- **Large LCD with Back Light**
- **Bluetooth communication functions (5204BT only)**



KYORITSU ELECTRICAL INSTRUMENTS WORKS, LTD.

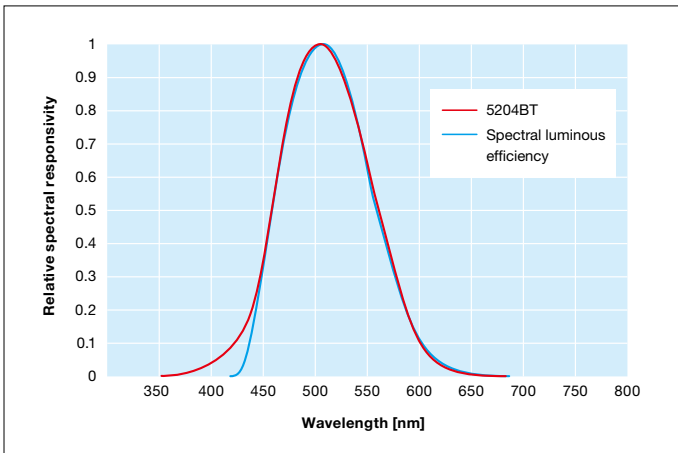
[www.kew-ltd.co.jp](http://www.kew-ltd.co.jp)

## ● KEW 5204/5204BT Specification

|   |   |
|---|---|
| Light detector                                | Silicon photo diode                                     |
| Measuring Range                               | 0.0 - 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% or less |
| Response time                                 | Auto range: 5s or less<br>Manual range: 2s or less      |
| Operation Temperature/Humidity                | 0°C - 40°C, 80%RH or less (without condensation)        |
| Storage Temperature/Humidity                  | -10°C - 60°C, 70%RH or less (without condensation)      |
| Auto power off                                | 30 min.   |
| Applicable Standards                          | JIS C 1609-1:2006, IEC 61326                            |
| Communication interface*                      | Bluetooth® Ver.5.0                                      |
| Power source                                  | R6/LR6(AA)(1.5V) × 2                                    |
| Dimensions                                    | 169(L) × 63(W) × 37(D)mm                                |
| Weight  | 210g approx.  |
| Accessories                                   | 9195(Carrying case), Instruction Manual LR6(AA) × 2     |

\* KEW 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                               |     |     |     |     |    |    |    |    |    |  |

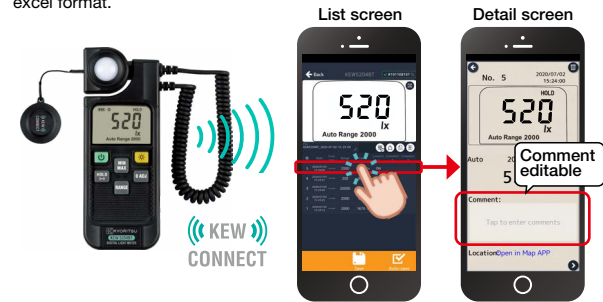
## ! Safety Warnings :

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 inquires or orders :

## Use the application KEW Smart\* to improve work efficiency.

Download and install our special application "KEW Smart\*" 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\***



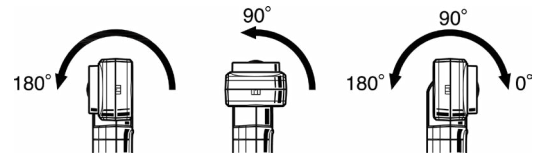
GET IT ON  
Google Play

Application for Android  
Free Android software "KEW smart\*" is available on "Google Play Store". Supporting Android ver.5.0 or later.

Download on the  
App Store

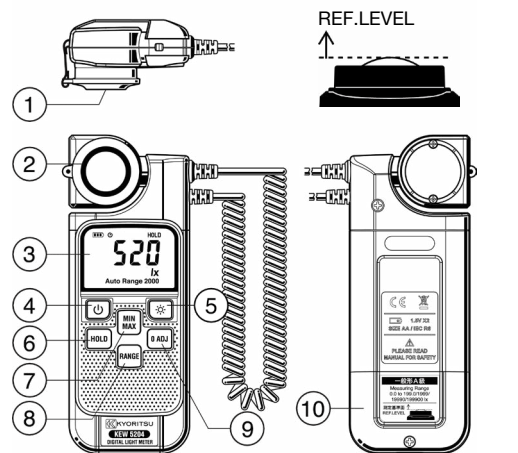
Application for iOS  
Free iOS software "KEW smart\*" is available on "APP Store". Supporting iOS 10.0 or later.

## Detachable & Rotatable Light Sensor



The light sensing probe can be fixed on the meter parallel or perpendicular to the LCD Display. Or it may be detached from the unit to fit the measuring requirement.

## 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

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