

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)**

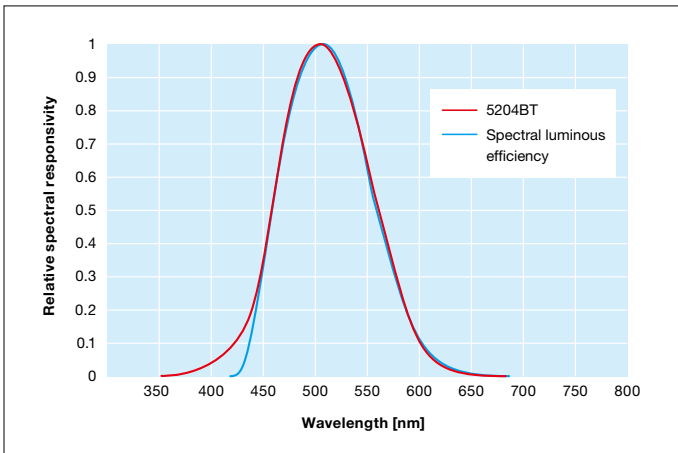


● KEW 5204/5204BT Specification

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 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

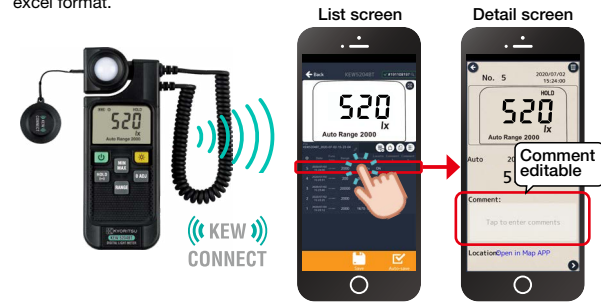


● Adequate Light Levels for Your Working or at Your Work Areas

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) Director room	Inquiry office Dining room Night-duty room	Stair										
				Council room Electrical computer room Reception room Guard station	Library, Tearoom Dressing room Toilet, lavatory	Warehouse, Lift, Passage										
FACTORY		Extra fine visual work		Design room Drawing room	Control room, Electric room Air conditioning machine room, lavatory, Toilet	Stair										
						Entrance Passage Path Warehouse										
SCHOOL				Drawing room	Classroom, Faculty room, Dining room, Gymnasium Night-duty room	Stair										
				Clothing classroom, Electronic computer room Experimental laboratory Reading room Health care room	Auditorium, Assembly room Locker room lavatory, Toilet	Passage										

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***

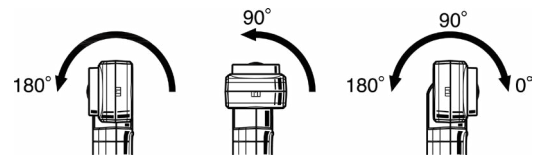


Application for Android
Free Android software "KEW smart*" is available on "Google Play Store". Supporting Android ver.5.0 or later.



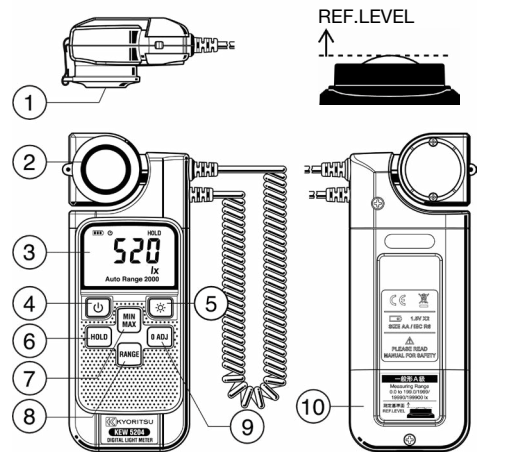
Application for iOS
Free iOS software "KEW smart*" is available on "APP Store". Supporting iOS 10.0 or later.

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

! 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 :

Cosinus Messtechnik GmbH
Rotwandweg 4
D-82024 Taufkirchen
Tel 089-665594-0
Fax 089-665594-30
e-Mail: office@cosinus.de
Internet: www.cosinus.de