

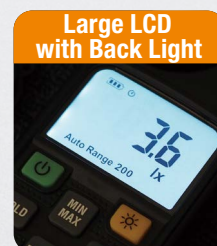
DIGITAL LIGHT METERS KEW 5204 / 5204BT

For efficient good illuminance level achievement and management!



- **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)**



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

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.

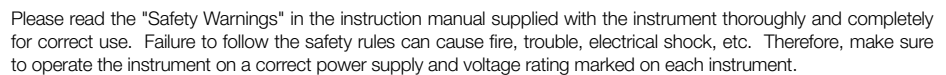
The graph shows the relative spectral responsivity of the 5204BT photodiode compared to the spectral luminous efficiency of the human eye. The x-axis represents wavelength in nanometers (nm) from 350 to 800 nm. The y-axis represents relative spectral responsivity from 0 to 1.0. Both curves peak at approximately 505 nm with a value of 1.0. The 5204BT curve (red) is slightly broader than the spectral luminous efficiency curve (blue).

Wavelength [nm]	5204BT Relative Spectral Responsivity	Spectral Luminous Efficiency
350	0.00	0.00
400	0.02	0.00
450	0.35	0.05
505	1.00	1.00
550	0.75	0.70
600	0.15	0.10
650	0.02	0.00
700	0.00	0.00

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		-		Indoor emergency staircase			
					Council room Electrical computer room Reception room Guard station		Library, Tea room Dressing room Toilet, lavatory		Warehouse, Lift, Passage						
FACTORY			Extra fine visual work		Design room Drawing room			Stair		-		Indoor emergency staircase			
							Control room, Electric room Air conditioning machine room, lavatory, Toilet		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					

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

- ⑥ HOLD button
- ⑦ Max/Min button
- ⑧ Range selector button
- ⑨ 0 ADJ button
- ⑩ Battery cabinet cover



KEW 5204/5204BT-1E Aug. 20 AD