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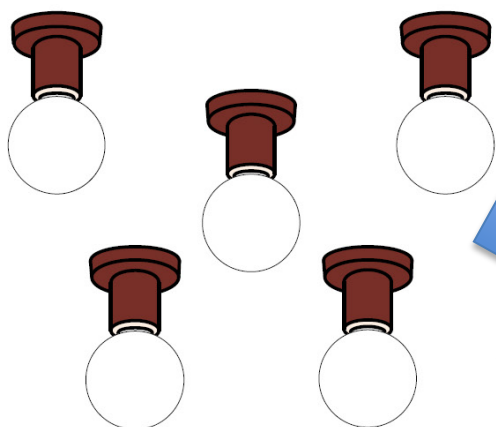
Measure the Temperature of Live Lighting Fixture Parts

Measure the temperature of parts including live parts, for example, for durability testing of lighting fixture parts, using the LR8400 Memory HiLogger and voltage modules.

■ Highlights

- The thermocouple input module of the LR8400 Series Memory HiLogger is designed to withstand a high voltage so the temperature of parts to which 100 V AC is applied can be measured (with a maximum channel-to-channel voltage of 300 V DC and maximum voltage to ground of 300 V AC/DC).
- Temperature at a maximum of 30 points can be measured on a single device (expandable to 60).
- The LR8400 Series allows recording with less influence from 50/60 Hz hum noise at a slow sampling rate (example: when selecting the 50 Hz digital filter and 500 ms recording interval for 15-channel recording, the cutoff frequency is 50 Hz).
- Thermocouples K, J, E, T, N, R, S, B, and W are all supported.
- The measured data can be saved directly to the USB memory in real-time and can then easily be copied to a PC.
- To measure temperature at more than 60 points (up to 105), use Wireless Logging Station LR8410-20 and designated input modules.

*LR8410-20 and input modules emit radio waves. For the latest information about countries and regions where wireless operation is currently supported, please visit the Hioki website.



Thermocouples at a maximum of 30 points can be interconnected on a standard device, and up to 60 points using expansion modules.



MEMORY HiLOGGER LR8400-20

Products used

- MEMORY HiLOGGER LR8400-20 (Voltage Unit and Temperature Unit)
- WIRELESS LOGGING STATION LR8410-20
- WIRELESS VOLTAGE/TEMP UNIT LR8510
- WIRELESS UNIVERSAL UNIT LR8411

*Thermocouples are not provided by HIOKI and must be purchased from a separate vendor.

- Information valid as of April 2014.
- Specifications are subject to change and revision without notice.