



TECHNICAL DATA

Features

- Measures up to 100,000Lux (9290 Fc)
- Easy to operate, designed for one hand operation
- Integrated display provides flexibility for use without mobile device
- Magnetic backing allows instrument to be mounted to metallic surfaces
- Data Hold function
- · Low battery indicator and auto shut off
- Tripod mount for long-term monitoring

When used with REED Smart Series App:

- Real-time data logger
- User selectable sampling rate from 1 to 120 seconds
- Bluetooth® 5.0 provides connectivity to instruments up to 246' (75m) away
- Connect, measure and datalog up to 6 instruments, simultaneously
- Easy setup with automatic app integration for compatible REED Smart Series instruments
- Export data via Excel or PDF and create custom reports that can be emailed from mobile device
- Includes 4 x AAA batteries

Specifications

Measuring Range: Lux: 0 to 100,000

Fc: O to 9290

Accuracy: $\leq 10,000$ Lux (929Fc):

±(3.5% rdg.+ 10dgt) >10,000Lux (929Fc): ±(5% rdg.+ 10dgt)

Resolution: Lux: 0.1, 1, 10, 100

Fc: 0.1, 1, 10

Display: Enhanced Black Twisted Nematic

(EBTN) LCD

Display Size: 1.3" (34mm)

Backlit Display: Yes
Data Hold: Yes



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Datalogging Capabilities: Yes (with Smart Series App)

Real-Time Clock and

Date Stamp: Yes (with Smart Series App)

Customizable

Sampling Rate: Yes Overrange Indicator: Yes

Auto Shut-off: Yes (adjustable)

Tripod Mountable: Yes Magnetic Backing: Yes Low Battery Indicator: Yes

Power Supply: 4 x AAA Batteries Battery Life: Approx. 50 hours

(sampling time dependent)

Connectivity: Bluetooth® 5.0 Bluetooth® Range: Up to 246' (75m)

Max # of

Connected Devices: 6

Software: REED Smart Series App

(iOS and Android)

App Supported

Languages: English, French
Product Certifications: CE, UKCA, FCC, IC ID

Maximum

Operating Altitude: 6561' (2000m)

Operating Temperature: -4 to 140°F (-20 to 60°C) Storage Temperature: -4 to 140°F (-20 to 60°C)

Operating

Humidity Range: 10 to 90%

Storage

Humidity Range: 10 to 90% Dimensions: 6.9 x 1.5 x 1"

(175 x 38 x 25mm)

Weight: 3.4oz (95g)

R16X0-KIT

Data Logging Bluetooth Smart Series Kit

Includes:

R1600 Vane Anemometer,

R1610 Thermo-Hygrometer, R1620 Sound Level Meter,

R1630 Light Meter,

R1640 Thermocouple

Thermometer and R9950 Large

Soft Carrying Case

R16X0-KIT2

Data Logging Bluetooth Smart Series Environmental Kit

Includes:

R1600 Vane Anemometer, R1620 Sound Level Meter, R1630 Light Meter, and CA-05A Medium Soft

Carrying Case



R1630-KIT

Data Logging Smart Series Light Meter with Tripod and Carrying Case

Includes:

R1630 Light Meter, R1500 Tripod and CA-05A Medium Soft Carrying Case



Model	Description
R1630	Light Meter
CA-52A	Small Soft Carrying Case
R8888	Medium Hard Carrying Case
R1500	Tripod
R1630-KIT	Data Logging Smart Series Light Meter with Tripod and Carrying Case
R16X0-KIT	Data Logging Bluetooth Smart Series Kit
R16X0-KIT2	Data Logging Bluetooth Smart Series Environmental Kit
R1630-NIST	Light Meter & NIST