

# Light Meter Model R1630



## 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 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 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: 0 to 9290
Accuracy:	≤10,000Lux (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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## TECHNICAL DATA

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: 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)

### 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



### 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



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