REED INSTRUMENTS

Light Meter
Model **R1630**

TRACEABLE AVAILABLE!
CERTIFICATION

1 YEAR WARRANTY

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: 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

REED R1630

Lux HOLD

832

SMART Series

Continued…

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:	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

REED Instruments