

#### 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<br>Fc: 0 to 9290   |
| Accuracy:        | ≤10,000Lux (929Fc):<br>±(3.5% rdg.+ 10dgt)<br>>10,000Lux (929Fc):<br>±(5% rdg.+ 10dgt) |
| Resolution:      | Lux: 0.1, 1, 10, 100<br>Fc: 0.1, 1, 10   |
| Display:         | Enhanced Black Twisted Nematic<br>(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: 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)

| Model      | Description               |
|------------|---------------------------|
| R1630      | Light Meter               |
| R1630-NIST | Light Meter & NIST        |
| CA-52A     | Small Soft Carrying Case  |
| R8888      | Medium Hard Carrying Case |
| R1500      | Tripod                    |