SOLAR®
L I G H T

QUICK START GUIDE
MODEL SL-3101 SP-METER™ SCOTOPIC / PHOTOPIC METER

SL-3101 Side View

SL-3101 With NIST-Traceable PMA Series Digital Sensors

SL-3101 Back View

SOLAR®
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Set Zero   Calc

Units   Hold   Avg

Actual   Min/Max

Scoptic/Photopic

SL-3101   SCOPTIC/PHOTOPIC METER

SL-3101 Front View

CE
Compliant

SOLAR LIGHT®

Scotopic / Photopic Specialty Meter
Model SL-3101
Measures Illumination According to the Dark and Light
Luminous Efficiency Curve of the Human Eye

QUICK START GUIDE INSTRUCTIONS

While sophisticated and powerful, the SL-3101 is a user-friendly instrument allowing for simple "plug-and-play" operation.

METER OPERATION

1 To operate the meter, simply connect the sensors.

2 Turn the meter on by pressing the **ON/OFF** key.

3 Zero out the readings by placing the sensors upside down on a flat opaque surface, so that the sensors are covered and not exposed to light. Read the display. If the readings are not zero, or fluctuating around zero, press the **Zero** key. This step can be skipped once you know the characterization of your sensors. If they always read zero, then this step can be skipped.

4 Point the sensors at the desired source.

5 Read the meter.

DISPLAYING CALCULATED VALUES

Press the **Calc** key to display the Visual Effective, Brightness and S/P Ratio calculated values. These values are in a continuous loop by pressing the **Calc** key.

To show both photopic and scotopic readings at the same time, press the **Actual** key.

Pressing the **Units** key toggles the units from lux to foot candles (fc).

MEASURING WITH SL-3101

To perform measurements with a SL-3101, the following steps should be followed:

1 Power **ON** the SL-3101 by pressing the button. If the meter does not respond, attach the optional external power supply. The unit will be powered **ON** whenever connected to the external power supply. The SL-3101 will turn itself **OFF** after 3 minutes of inactivity if no sensor is attached.

2 Plug the selected sensor into the sensor input located on the side of the meter. The meter will indicate the connection by two beeps and the display will show the measurement result. Squeeze the locking arms of the sensor plug while connecting or disconnecting it.

3 In order to turn the SL-3101 **OFF** press the **ON/OFF** key. If the unit is connected to external power, it will remain powered up and pressing the **ON/OFF** will have no effect.

To access the complete user manual, please visit the
"Literature & Downloads" section at www.solarlight.com/product/spmeter