Solar Light's **Model GLM100 Germicidal Lamp Monitor** consists of the GLM100 lamp monitor and the UW254 Submersible Germicidal Detector, working together as a system. The LM100 can also accept output from any 4-20mA two wire sensor.

Applications

- Environmental Monitoring
- Disinfection of Plant Effluent

Features and Benefits

- High Sensitivity
- Warning and Error Alarms
- Large Display
- One Step Calibration
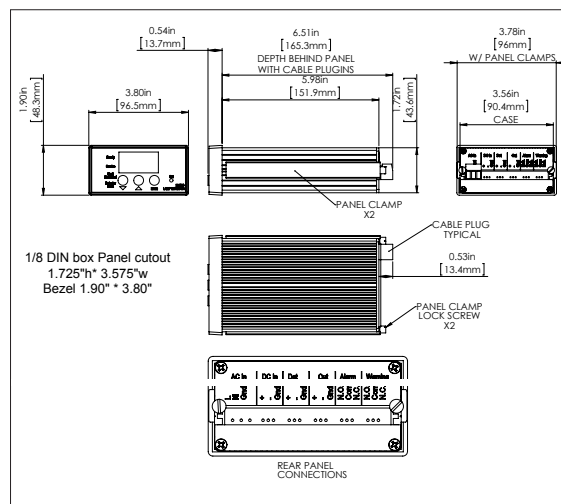- AC or DC Power Input Peak Activity

SPECIFICATIONS	
Simulator Output	4-20mA
Spectral Response	240 to 280nm
Range	0-150%
Readout	LED 0.56" High
Display Resolution	1%
Relay Contacts	10A 125VAC Form C Factory Set, Normally Closed or Normally Open
Power Requirements	115VAC 60Hz (Can Be Run on 28VDC or 220V.)
Operating Conditions	32 to 120 °F (0 to +50 °C) No Precipitation
Monitor	7" x 3.9" x 1.9" (17.8 x 9.9 x 4.7 cm)
Dimensions and Weight	*See Outline Drawing*

Part Number: 210107
Revision Level: B
Specifications subject to change without notice.

GLM100

0.54in [13.7mm]
6.51in [165.3mm]
DEPTH BEHIND PANEL WITH CABLE PLUGINS
3.78in [96mm]
W/ PANEL CLAMPS
1.90in [48.3mm]
3.80in [96.5mm]
5.98in [151.9mm]
1.72in [43.6mm]
3.56in [90.4mm]
CASE
1/8 DIN box Panel cutout 1.725"h* 3.575"w Bezel 1.90" * 3.80"
PANEL CLAMP X2
CABLE PLUG TYPICAL
0.53in [13.4mm]
PANEL CLAMP LOCK SCREW X2
REAR PANEL CONNECTIONS

Est. Weight: 1.5lbs (0.68kg)

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CE Compliant

SOLAR®
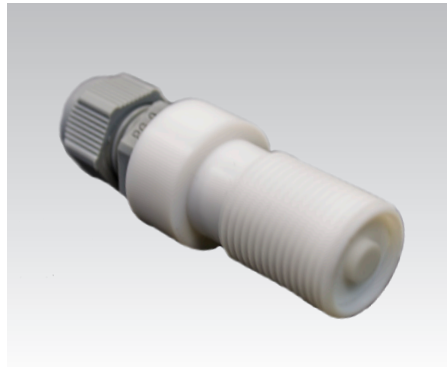# L I G H T

Germicidal Sensors
GLM100

The GLM100 Germicidal Lamp Monitor Consists of the
GLM100 Lamp Monitor and the UW254 Germicidal Detector

Interfacing Options

The GLM100 Germicidal Lamp Monitor can interface with a variety of Solar Light's germicidal sensors. GLM100 is compatible with the PW254, PWA254 and UW254.

Germicidial Sensor PW254

Germicidial Sensor PWA254

Germicidial Sensor UW254

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Germicidal Sensors
GLM100

The GLM100 Germicidal Lamp Monitor Consists of the
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Since 1967, Solar Light Company, LLC has been recognized worldwide as America's premier manufacturer of Precision Solar Simulators and Light Sources, Light Measurement Instrumentation, UV Transmittance Analyzers, Meteorological Instrumentation, and Digital and Analog Sensors. Our advanced line of UV, visible, and IR radiometers and light meters measure laboratory, industrial, environmental, and health related light levels with NIST traceable accuracy. Column ozone, aerosol, and water vapor thickness measurements, in addition to long-term global ultraviolet radiation studies all over the world are performed using our atmospheric line of instrumentation. Solar Light also provides NIST traceable spectroradiometric analyses, calibrations for light meters and light sources, accelerated ultraviolet radiation degradation testing of materials, and OEM instrumentation and monitors. Please visit our website for more details, specifications, and pictures!

State Of The Art Solar Simulators available in 150-1000+ watt UV or AM variations for a variety of applications including PV Cell Testing, Materials Testing, Pre-Irradiation for In Vitro Broad Spectrum Sunscreen Testing, SPF Testing, and much more.

Multi-Functional Professional Grade Radiometers available with and without data logging, and compatible with over 130 Solar Light PMA-Series Sensors to measure UV, Visible and IR wavelengths. Specialty Meters also available to measure UV Radiation, SUV/UVA, Scotopic/Photopic Spectra, and much more.

Advanced NIST-Traceable Sensors for accurate measurement of UVA, UVB, UVA+B, UVC, Visible, IR, Photostability, Temperature, and Custom Wavelength – well over 130 models in both digital and analog configurations, all compatible with our Radiometers.

Ultraviolet Transmittance Analyzers available as complete integrated turnkey systems to meet the latest ISO24443 requirements.

Handheld Ozonometers and Sunphotometers for fast and dependable Column Ozone, Aerosol, and Water Vapor Thickness measurements, in addition to long-term global ultraviolet radiation studies.

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