Meters • Germicidal Lamp Monitor

GLM100

The GLM100 Germicidal Lamp Monitor Consists of the LM100 Lamp Monitor and the UW254 Germicidal Detector

Applications

- Environmental Monitoring
- Disinfection of Plant Effluent and Potable Water

Features and Benefits

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

The LM100 was specifically designed to monitor output from Solar Light Company's UW254 submersible germicidal detector but will accept output from any 4 to 20mA detector (two wire).

A UV lamp monitor can reduce maintenance costs by determining exactly when lamps need to be serviced. The LM100 continuously monitors relative lamp output from 0% to 100%. It provides a cost-effective and trouble-free method of determining exactly when lamps need to be removed for cleaning.

SOLAR® LIGHT

Specifications	
Simulator Output	4 - 20mA
Spectral Range	240 to 280nm
Range	0-150%
Readout	LED 0.56" High
Power Requirements	115VAC 60Hz Can 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	10.75 x 5.5 x 9.5" / (27 x 14 x 24cm)
Weight	1.5lbs (0.68Kg)
Ordering Information	
GLM100	Germicidal Lamp Monitor

Meters GLM100_01/2015

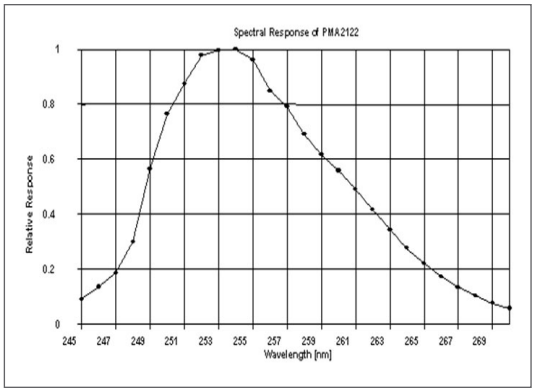

Fig. 1. Germicidal Lamp UV Radiation Spectrum