

UV Radiometer 5.0

GUVC-T11GS5-4LW11

Description

UV Radiometer 5 can check the absolute power, relative power, and accumulative time.

There are 3 output like DC Voltage, Current, and Relay output to UV Radiometer 5.

Constitution

Display, Sensor Probe



Fig. 1 UV Radiometer 5.0 (Size of Display : 96 × 48 × 112mm³)

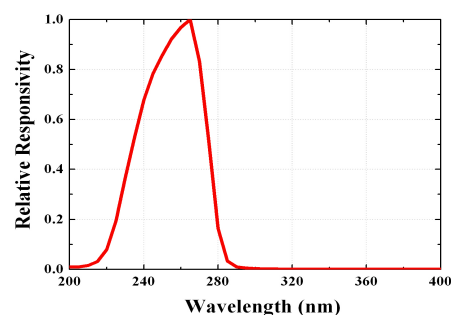


Fig. 2 Responsivity Curve

Sensor Probe Dimensions

Thread/Length for Mounting	Body (mm)	Window (mm)	Head (mm)	Wrench Size (mm)	Length (mm)	Weight (kg)	Body (stainless steel)
PT 1 ¼ "/21 mm	Φ42	Φ24×24	Φ36×15	36	81	0.44	316-L (1.4404)

* Panel Cutting Size : 92 × 45 mm² (Tolerance : -0, + 0.5 mm)

Absolute Maximum Ratings

Parameter	Value			Unit	Remark
	Min.	Typ.	Max.		
Operating Temperature	-30		85	℃	Sensor Probe
	0		50	℃	Display
Working humidity	35		85	%RH	

* Connector : IP67, Sensor Probe : 10 bar

Technology parameter

Power Supply	100 ~ 240 VAC 50/60 Hz
Consumption	≤ 5 W

Electro-Optical Characteristics (at 25 ℃)

Parameter	Value			Unit	Remark
	Min.	Typ.	Max.		
Detection Wavelength Range	220		280	nm	
Detection Power Range	0		19,999	μW/cm ²	

Function

1. Display : Absolute Power (μW/cm²) , Relative Power (%), and Accumulative Time (Hours).
2. Output : DC Voltage (1~5V DC), DC Current (4-20 mA, 300 Ω max load), Relay (NC/NO, 250VAC 3A/30VDC 3A)