



# Electro Optical Components, Inc.

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## UV Radiometer 5.0

### GUVx-T1xGS5-3LW5



#### Description

Display : Absolute Power (AP), Relative Power (RP), and Accumulative Time (AT)

Output : DC Voltage, Current, and Relay

#### Constitution

Display, Sensor Probe



Fig. 1 UV Radiometer 5.0 (Size of Display : 97 × 50 × 112mm)

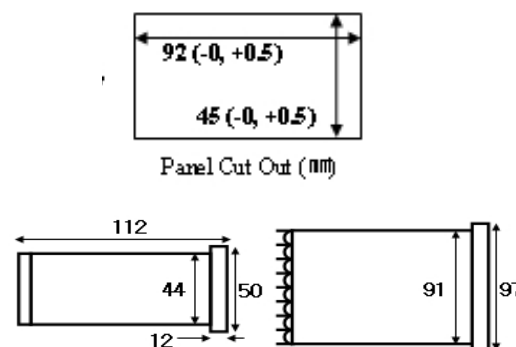


Fig. 2 Size of UV Radiometer 5.0

#### Sensor Probe Dimensions

Thread/Length for Mounting	Diameter (mm)	Window (mm)	Wrench Size (mm)	Length (mm)	Weight (g)	Case Material
PT1/4 "/12 mm	21	7	19	63	67	STS 316-L

#### Absolute Maximum Ratings

Parameter	Value	Unit	Remark
Operating Temperature	-30 ~ 85	°C	Sensor Probe
	0 ~ 50	°C	Display
Working humidity	35 ~ 85	%RH	Display
Power Supply	85 ~ 265	VAC	50/60 Hz

#### Electro-Optical Characteristics (at 25 °C)

Parameter	Min.	Peak	Max.	Unit	Remark	
Detection Power Range	0		19,999	$\mu\text{W}/\text{cm}^2$		
Detection Range	GUVV-T11GS5-3LW5	230	350	395	nm	10% of Max
	GUVB-T12GS5-3LW5	220	300	320	nm	
	GUVC-T11GS5-3LW5	220	254	280	nm	

#### Function

1. Display : Absolute Power ( $\mu\text{W}/\text{cm}^2$ ) , Relative Power (%), and Accumulative Time (Hours).

2. Output : DC Voltage (1~5V DC), DC Current (4-20 mA, 300  $\Omega$  max load), Relay (NC/NO, 250VAC 3A/30VDC 3A)