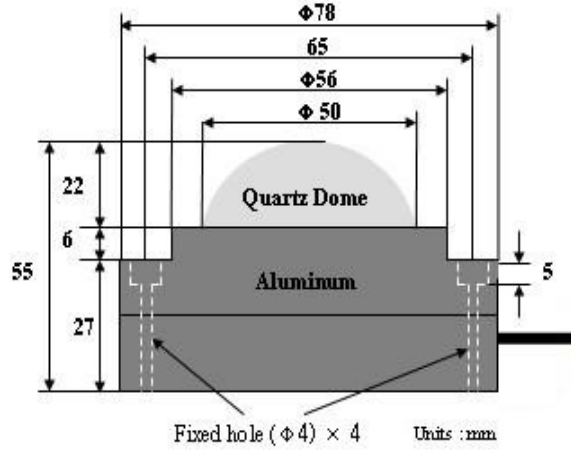
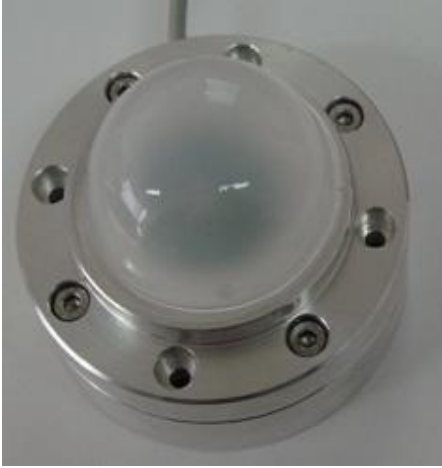


UV Sensor Head 2

GUVA-S10GC-I5H2



Physical Dimensions & Connection



[Connection : Red=Vcc, Green=Iout, Black&White=GND]

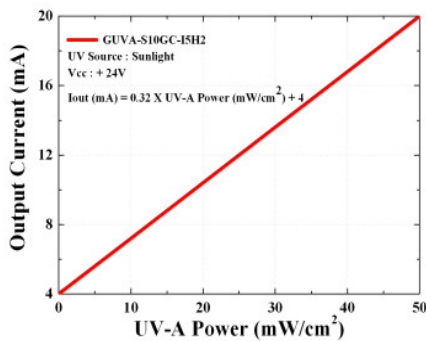
Absolute Maximum Ratings

Parameter	Symbol	Value			Unit	Remark
		Min.	Typ.	Max.		
Storage Temperature	T _{st}	-40		90	°C	
Operating Temperature	T _{op}	-30		85	°C	

Electro-optical Characteristic (at 25 °C)

Parameter	Symbol	Value			Unit	Remark
		Min.	Typ.	Max.		
Supply Voltage	V _{cc}	9		26	V	DC Voltage
Transimpedance Gain	G		2.3 × 10 ⁶		V/A	
Output Current	I _{out}	4		20	mA	1 mW/cm ²
			0.32			
Output Offset Current	I _{off}		4		mA	
Response Time	T		3		ms	

Iout along UVA Power



$$\text{UVA Power (mW/cm}^2\text{)} = (\text{Iout (mA)} - 4) \times 3.125$$

Relative Responsivity Curve

