

FAQ



Subject : Lifetime of UV Sensor Components

Date : 2020. 02. 13

Lifetime of UV sensor components is 100,000 hours. Test method is UV exposure test. Criterion for judging is under $\pm 10\%$ of photocurrent.

Sensor Type	Detection Range	Exposure Time	UV Source	Power	Model Number of Product	
VGL	300 ~ 510 nm	10,000 hours	352 nm UVA lamp	15 mW/cm ²	GVGR-S11SD, GVGR-T11GD	
VBL	300 ~ 470 nm	10,000 hours	352 nm UVA lamp	15 mW/cm ²	GVBL-S12SD, GVBL-T12GD	
UVV	~ 395 nm	10,000 hours	352 nm UVA lamp	15 mW/cm ²	GUVV-S10SD, GUVV-C20SD, GUVV-T10GD, GUVV-T10GD-L, GUVV-T21GH	
UVA	~ 370 nm	UVA lamp monitoring	10,000 hours	352 nm UVA lamp	15 mW/cm ²	GUVA-C32SM, GUVA-S12SD, GUVA-C22SD GUVA-T11GD, GUVA-T11GD-L, GUVA-T21GD-U, GUVA-T21GH
		UVI monitoring	1,000 hours	306 nm UVB lamp	500UVI	
UVB	~ 320 nm	UVB lamp monitoring	10,000 hours	306 nm UVB lamp	15 mW/cm ²	GUVB-S31GD, GUVB-T11GD, GUVB-T11GD-L, GUVB-T21GD-U, GUVB-T21GH GUVB-C31SM, GUVB-C21SD, GUVB-S11SD GUVB-S31GD, GUVB-T11GD, GUVB-T11GD-L, GUVB-T21GD-U, GUVB-T21GH
		UVI monitoring	1,000 hours	306 nm UVB lamp	500UVI	
UVC	~ 280 nm	10,000 hours	254 nm UVC lamp	5 mW/cm ²	GUVC-S40GD, GUVC-S10GD, GUVC-T10GD, GUVC-T10GD-L, GUVC-T20GD-U, GUVC-T21GH	

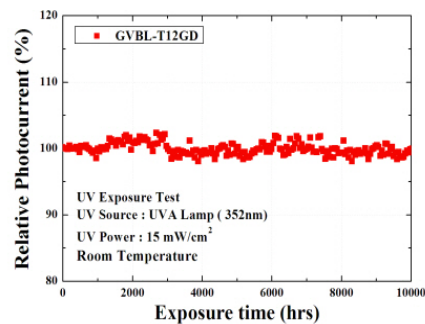


Fig. 1. GVBL-T12GD

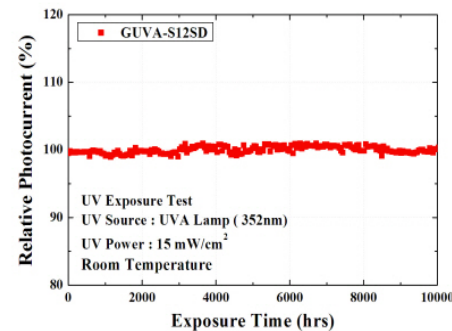


Fig. 2. GUVA-S12SD

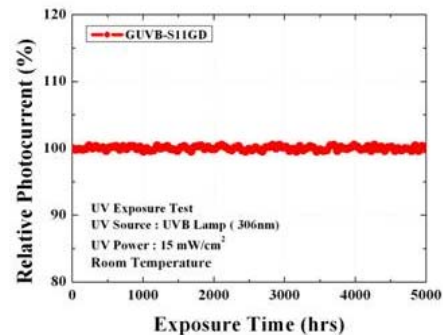


Fig. 3. GUVB-S11GD

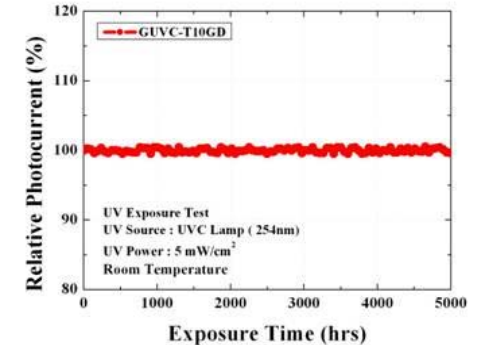


Fig. 4. GUVC-T10GD