



UV LED Light Sources

G5A

G5A Technical Data Sheet

- Achieved high peak irradiance: 24W/cm².
At UV wavelength 385nm/395nm
- Light, compact body and scalable structure.



G5A

Model		G5A		
Specs	Cooling method	Air-cooling		
	UV Wavelength	365 ± 5nm	385 ± 5nm 395 ± 5nm	
	Dimensions (Connectors excluded)	W 80.3mm × D 88.0mm × H 150.5mm		
	Weight	1.0kg		
	Power consumption	0.56kW		
	Interlock	"Temp error", "Current error", "Fan error"		
	Dimming voltage	1V (10%) - 10V (100%)		
	Environment	Operating	0-40°C/ 30-85 % (without bedewing or freezing)	
temperature/humidity	Storing	0-50°C/ 30-85 % (without bedewing or freezing)		
Features	UV irradiation width	80mm		
	Peak irradiance *1 *3	WD=0mm	16W/cm ²	24W/cm ²
		WD=10mm	6W/cm ²	8W/cm ²
	Dose *1 *2 *3	200mJ/cm ²		270mJ/cm ²
Estimated life expectancy	15,000 hrs (70% compared to initial peak irradiance)			

*1 Ultraviolet irradiance meter : UIT- θ LED (USHIO)

*2 Transport speed: 50m/min

*3 Peak irradiance and Dose values measured just after the LED light is dimmed.

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*Please be familiar with all the precautions and instructions on user's manual and / or specifications.

*All the data in this data sheet is based on Kyocera's own research unless otherwise noted.

*The information contained in this data sheet is current as of September 2021.

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