



UV LED Light Sources

G5A

G5A Technical Data Sheet

■ Achieved high peak irradiance: 24,000mW/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	WD=0mm	16,000mW/cm ²	24,000mW/cm ²
		WD=10mm	6,000mW/cm ²	8,000mW/cm ²
	Dose *1 *2	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

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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 May 2020.

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