



UV LED Light Sources

G5AN

G5AN Technical Data Sheet

- Works with non-LED compatible UV curable inks and curing speed is up to 5 times faster with the use of nitrogen.
50m/min curing speed with non-LED compatible UV curable ink (Kyocera test result)
- Space saving design by integrating nitrogen purging unit onto G5A UV LED Light requiring no major change to the system.



G5AN

Model		G5AN			
Specs	Cooling method		Air-cooling		
	UV Wavelength		365 ± 5nm	385 ± 5nm	395 ± 5nm
	Dimensions (Connectors excluded)		W80.3mm × D109.7mm × H161.2mm		
	Weight		1.3kg		
	Power consumption		0.56kW		
	Interlock		"Temp error", "Current error", "Fan error"		
	Dimming voltage		1V(10%)-10V(100%)		
	Recommended nitrogen purity*1		Higher than 99.9%		
	Environment temperature/humidity		Operating	0-40° C/ 30-85%(without bedewing or freezing)	
		Storing	0-50° C/ 30-85%(without bedewing or freezing)		
Features	UV irradiation width		80mm		
	Peak irradiance *2	WD=0mm	16,000mW/cm ²	24,000mW/cm ²	
		WD=10mm	6,000mW/cm ²	8,000mW/cm ²	
	Dose *2 *3		200mJ/cm ²	270mJ/cm ²	
	Estimated life expectancy		15,000 hrs (70% compared to initial peak irradiance)		

*1 May vary by the UV ink used and printing conditions

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

*3 Transport speed: 50m/min

KYOCERA Corporation

Corporate Printing Device Group

Head Office: 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto 612-8501 Japan <https://global.kyocera.com/uvled/>

*Duplication or reproduction of any part of this data sheet without approval is prohibited.

*Product names and specifications are subject to change without prior notice for further improvement.

*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.

*This Technical Data Sheet reflects the current state of our knowledge. It is designed to inform and to advise. Kyocera makes no representations or warranties, included, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, with respect to the accuracy or completeness of the information. This information is not intended as a warranty, and Kyocera does not assume any liability for its use.

*The information contained herein or any use of such information does not grant, explicitly or implicitly, to any party any patent rights, licenses, or any other intellectual property rights, whether with regard to such information itself or anything described by such information.