



UV-LED Curing Systems

G3 Series

G3D, G3MS, G3MH Technical Data Sheet

- Well balanced curing performance and productivity due to high dose area irradiation.
- Realized high density LED array and high heat conductivity by Kyocera original ceramic substrate.
- Customizable dimension, wavelength, optical performance etc. for different needs.



		KVL-S05E-G3D	KVL-S05E-G3MS	KVL-S05E-G3MH
Spec	Working Distance	10mm		
	Dimension(Connector included)	L 156mm × W 69.5mm × H 75mm	L 156mm × W 69.5mm × H 75mm	L156mm × W69.5mm × H105mm
	Weight	2.0kg	2.0kg	2.0kg
	Power consumption	1.5kW	1.25kW	2.5kW
	Interlock	Abnormal temperature		
	Dimming voltage	5V(40%)-10V(100%)		
	Cable length	5m(both signal and power cable)		
	Environment temperature/humidity	Operation	0-30°C/30-85%(without condensing or freezing)	
	Stock	0-50°C/30-85%(without condensing or freezing)		
Feature	UV Wavelength	385nm ± 5nm		
	UV irradiation width	110mm		
	LED Irradiate area(for reference)	(40 × 110mm)	(20 × 110mm)	(40 × 110mm)
	Peak irradiation *1 *2	3W/cm ²	4W/cm ²	6W/cm ²
	Dose *1 *2	150mJ/cm ²	150mJ/cm ²	300mJ/cm ²
Estimated life expectancy	15,000 hrs (70% compared to initial peak irradiation)			

*1 Ultraviolet meter: Eye Graphics UVPF-A1(405nm)

*2 Delivery speed: 50m/min

KYOCERA Corporation

Corporate Printing Device Group

Head Office: 6 Takeda Tobadono-cho, Fushimi-ku, Kyoto 612-8501 Japan

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*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 January 2016.

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