

# DATASHEET

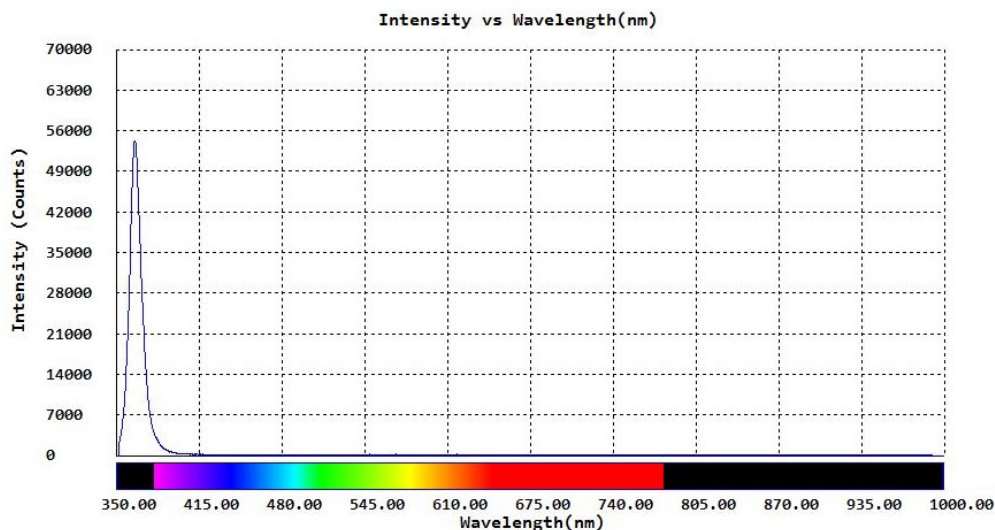
## UV Curing Lamp *GL-UVLA-3W*



GL-UVLA-3W, produced by Glydden Science Pte Ltd, is a handheld UV curing lamp which power can be adjusted from 0 to 100%. A Nichia 365 nm UV LED is used as the light source for GL-UVLA-3W. A high NA optical system employed for GL-UVLA-3W features high coupling efficiency of the UV light from the UV LED. For ease of operation by hand, the curing lamp head is designed in torch-shape; which has uniform distribution of radial heat sinks that allows the UV LED to dissipate heat effectively; and this effective thermal design is useful for stabilizing the power of the UV LED.

The UV light outputs from an end of the torch-shaped lamp head, and electrical power cord is assembled into the other end of the torch-shaped lamp head. A button switch assembled on the torch-shaped lamp head, a timer knob on front panel of controller and a foot controlled pedal allow the users to control GL-UVLA-3W in different ways. In short, GL-UVLA-3W is a UV light source that features efficient heat dissipation, a compact structure, beautiful appearance, user-friendliness and ease of operation etc. GL-UVLA-3W handheld UV LED light source can be widely used in different industries which need to cure the UV glue, such as electronics, instruments and R&D etc.

A typical UV spectrum of GL-UVLA-3W as below is measured by GLA600-UVN fiber optical spectrometer produced by Glydden Science Pte Ltd.



# Technical Specifications

ITEMS	SPECIFICATIONS	UNITS
DC Power Supply	3A@5V	
Switching Modes	1) By a button switch assembled on the UV LED body; 2) By a timing switch on the power supply panel 3) Or by a foot controlled pedal	
Timer	1) 1-30s 2) 1-30min, 3) CW	
Wavelength	365±5	nm
Working Distance	20±2	mm
Focusing Spot	Ø5±0.5	mm
Expected Lifetime	20,000	hrs
Cooling	Radial heat sinks on the UV LED light source's body	
Dimensions of the UV LED Light Source's Body	Ø28 x 140	mm
Weight of the UV LED Light Source's Body	~155	g
Power Supply Dimensions	144 x165 x67	mm
Power Supply Weight	~1050	g

Need to customize your product? Our team of experienced designers can help you. Kindly contact us:

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