

# Ultra High Power UV Curing System

(world's highest optical power density 365nm LED)

## Product Description

This unique UV LED spot curing light has high power density that exceeds UV lamps. It burns paper. The design leverages of military gear development expertise. This hand-held 365nm UV light features fast and deep epoxy curing, compact size, and ease of use. It offers long operation life, excellent reliability, high energy efficiency. The UV light has a built-in timer and can be switched on/off either by a finger press or a foot pedal.



## Features

- Long Operation hour
- High Power
- Compact
- Low Cost

## Performance Specifications

Parameter	Description	Unit
Wavelength	365±5, 385±5	nm
UV Irradiance	5.0 – 5.5 *	W/cm <sup>2</sup>
Cure Time Range	10 seconds to 60 minutes	
UV Spot Size	Φ4	mm
Working Distance	20	mm
Cooling Method	air blowing	
Operation Life	6,000	hours

\* Average intensity over the spot size Φ4mm at working distance

## Applications

- UV adhesive cure
- UV coating



# Solid State UV Spot Light

## Electrical Specifications

Component	Parameter	Unit
Power supply	AC 100 ~ 240	V
Fuse	0.5	A

## Mechanical Footprint Dimensions

Component	Dimensions	Unit
UV cure head	Φ30 x 142	mm
Driver	170 W x 180 D x 65 H	mm



## Ordering Information

Package	Wavelength	Beam Size	UV Power	UV Head Cord Length	Cure Time	Foot Switch
Standard = 01 Special = 00	365 nm = 1 385 nm = 2	Φ4 mm = 1 Special = 0	Standard = 1 Special = 0	1.5 m = 1 Special = 0	10 sec. - 60 min. = 3 Special=0	Yes = 1 No = 0

### STANDARD CONFIGURATION

**SUVA-011111011** A UV Cure Head (365 nm, Φ4 mm beam size, 1.5 m head cord and 10 sec. ~ 60 min. cure timer), a driver and a foot switch.

*Please contact Agiltron to discuss special configurations.  
Replacement parts can be ordered separately.*



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