

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 ²
Cure Time Range	10 seconds to 60 minutes	
UV Spot Size	Φ4	mm
Working Distance	20	mm
Cooling Method	air blowing	
Operation Life	> 10,000	hours

* Average intensity over the spot size Φ4mm at working distance

Applications

- UV adhesive cure
- UV coating



Solid State UV Spot Light

Electrical Specifications

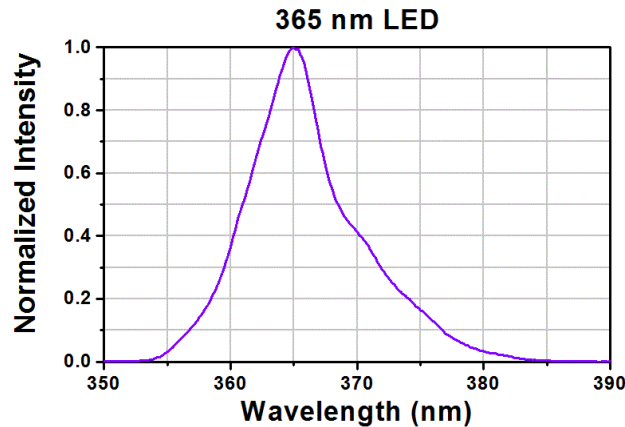
Component	Parameter	Unit
Power supply	AC 100 ~ 240	V
Fuse	1	A

Mechanical Footprint Dimensions

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



Emission Spectrum



Ordering Information

SUVA-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	<input type="checkbox"/>	<input type="checkbox"/>
	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

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