Solid-State UV Flood Light

Product Description

This new hand-held Solid-State UV Flood Light produces a large diameter UV beam with high power intensity for curing UV adhesives and coatings. It is compact, lightweight and user-friendly featuring low power consumption. Together with a long operation life, the high power LED device provides marked advantages over traditional lamp based alternatives. The superior optical design achieves high light coupling efficiency of more than 85% as well as a well-distributed light spot intensity.

Features

- Portable
- High Power
- Low Operating Cost
- Long Operation Life

The easy to use device can be switched on/off by either a front panel control or an optional foot switch.

Highly efficient dissipation of heat allows the handset to operate continuously for more than 30 minutes.

The exposure time and UV light power are adjustable.

Applications

- Large area UV curing
- UV irradiation experiments

Performance Specifications

Parameter	Description	Unit
Wavelength	380 or 400	nm
UV irradiance	1.2 *	W/cm^2
Cure time	10 ~ 1800	seconds
UV spot size	50 x 100	mm
UV cure distance	10 ~ 20	cm
Operation life	40,000	hours

* Average intensity over an area of 50 x 100 mm at working distance.

Solid-State UV Flood Light
(Model SUV-02)

Electrical Specifications

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

Mechanical Footprint Dimensions

Component	Dimensions	Unit
Handset	52 x 52 x 130	mm
Controller	160 x 150 x 80	mm

Ordering Information

SUV-	Type	Wavelength	Lens	UV Power	UV Head Cord Length	Handset	Cooling Fan	Foot Switch
	Flood = 02 Special = 00	380 nm = 1 400 nm = 2	Standard = 1 Special = 0	Standard = 1 Special = 0	1.5 m = 1 Special = 0	Yes = 1 No = 0	Standard = 1 Special = 0	Yes = 1 No = 0

STANDARD CONFIGURATION

 SUV-021111111 Flood Light (380 nm) with standard lens, 1.5 m cable, handset, fan and foot switch

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

RoHS
Compliant