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## Product Description Sheet Loctite® UV LED Spot Cure System

Part # 1076999

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### PRODUCT DESCRIPTION

The Loctite® UV LED Spot Cure System is a UV-LED spot light source that emits UV light at 365 nm. This system consists of a power source / control unit; one (1) LED driver module; one (1) LED head with 6mm condenser lens; a footswitch; and AC power cable. The number of LED driver modules and LED heads can be upgraded to four (4) units allowing for multiple cure areas. The UV LED Spot Cure System can be operated in a continuous light output mode or up to a 4-step, programmed output mode where the light output intensity and time can be programmed for each separate LED head. This LED light source causes no thermal damage or harmful effects to objects being irradiated. Its low power consumption makes it an energy-saving and environmentally friendly light source. The built-in LED has an expected life of 20,000 hours. No light guides or lamp replacements are required.

### PRODUCT FEATURES

- Instant on-off capabilities; no warm-up time required as compared to mercury-arc lamp UV Wand systems.
- Typical UVA output is 3.0 to 3.5 W/cm<sup>2</sup> @ 365nm
- Can operate up to four (4) LED heads
- Each LED head can be programmed independently to have a 4-step setting for UV intensity and exposure time.
- Selectable between continuous-on or programmed output modes.
- External remote control on-off capabilities via 15 pin I/O connector.
- On-off key-lock switch.
- Compact and lightweight design.

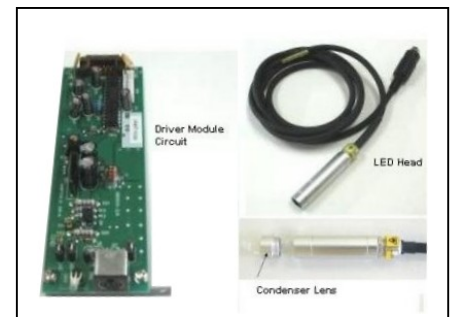
### TECHNICAL DATA

- Input Voltage: 100 – 240 VAC, 50-60 Hz
- CE rated.
- Meets IEC61-010-1 and IEC61-326 specifications
- Dimensions: 5.9" (W) x 7.7" (D) x 5.6" (H) excluding protrusions
- Weight: 5 lbs.



### Loctite® UV LED Cure Wand System includes:

- LED power source / control unit
- (1) LED driver module
- (1) LED head with 6mm condenser lens
- Footswitch
- AC power cable
- Head fixture for holding / positioning LED head
- 15 pin D-shell I/O connector
- Operation manual



### Accessories and Spare Parts (not included):

- LED driver module and head with 6 mm condenser lens; P/N 1083009  
Note: Up to three (3) additional LED heads can be added.
- Replacement LED head; P/N 8953008.
- Replacement 6 mm condenser lens; P/N 8953007.
- Footswitch; P/N 8953046

NOT FOR PRODUCT SPECIFICATIONS

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