PRODUCT DESCRIPTION

The newly improved Loctite® 7700 Handheld LED Light Source is a UV/visible light emitting hand-held light source. This system offers a high powered, portable light source capable of consistently curing many light cure products that respond to UV/visible light. Due to its unique LED technology, the Loctite® 7700 Handheld LED Light Source can provide instant on/off performance and consistent light output. Due to the focused nature of the system’s spectral output, IR output is drastically reduced, so heating of assemblies is virtually eliminated. The focused nature of the system’s spectral output also minimizes the amount of ultraviolet energy that the system irradiates, thus minimizing concerns about worker exposure to ultraviolet light.

It can be run on its rechargeable batteries or while plugged into an AC power source. This allows the Loctite® 7700 Handheld LED Light Source to be used as either a portable unit or a mounted unit with remote on/off capabilities. Due to its small size (less than one foot long and less than 0.5 lbs.) and portability, the Loctite® 7700 Handheld LED Light Source is perfect for applications in crowded areas and hard to reach joints.

PRODUCT FEATURES

- Contains a high-powered LED point light source.
- Typical output: 0.5 to 1.0 watt/cm²
- Emits light primarily in the visible light range
- Instant On/Off
- Can be used while recharging
- New extended tip allows operator to aim at the adhesive joint.
- Tougher body design keeps internal components safer even if inadvertently dropped.
- Universal AC adapter / charger 100-240 VAC; 47-63 Hz.

Technical Data

- Dimensions L x W x H: 9 1/32 “ x 1 1/16” x 13/16”
- Weight: 0.44 lbs.
- Light Source: High powered LED
- Utilities: Battery powered or 100 – 240 VAC.
- Typical Output*: 0.5 to 1.0 Watt/cm²

Optional Accessories (not included):

- Footswitch – P/N 98440
- Control timer – P/N 960356
- Zeta 7011-V Dosimeter – P/N 98089
- Dosimeter Adapter – P/N 98453
- UV / V Safety Glasses – Orange P/N 98452
- LED Workbench Holder – P/N 98522
- Replacement Battery Kit – P/N 8900494
- Replacement AC Adapter / Charger – P/N 989626
- Dosimeter Adapter – P/N 98453

Note: The Loctite® Zeta® 7011-V dosimeter is not designed to measure an absolute irradiance for an LED device. It can, however, be used to detect relative change in the LED device. Intensity readings may vary from meter to meter, i.e., if two meters are used to measure the same LED device, the readings may differ. However, as long as the same meter is always used to measure an LED device, the Zeta® 7011-V dosimeter can be used to measure relative change in intensity.

* As with all intensity measurements, actual values are obtained are dependant on the meter used and the age and condition of the source. The Loctite® Zeta® 7011-V Dosimeter was used for these measurements.