



One Henkel Way
 Rocky Hill, CT 06067-3910
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Product Description Sheet Loctite® 7700-HD LED Light Source

Part # 1427232

North American Engineering Center

PRODUCT DESCRIPTION

The Loctite® 7700-HD LED Light Source is a versatile light emitting source designed for the effective curing of UV/visible light curing adhesives. This 7700-HD LED Source is designed for continuous duty usage and is equipped with an internal cooling fan. It can be used as a hand-held device or stationary mounted using the mounting bracket that is included. This innovative LED technology virtually eliminates substrate heating and emits in the 390 to 420 nm wavelengths. This LED light source has a typical output* of 2.5 to 3 W/cm² that you can count on for consistent performance and long-term reliability. It is powered from the AC Power Adapter (item # 989929 – included) thus eliminating internal batteries.

This Loctite® 7700-HD LED Source requires one of the following items in order to operate **and must be purchased separately**:

- Foot Switch (item # [97201](#)) or
- PLC Interface Cable (item # [8900550](#)) to a customer supplied PLC / external controller or
- Bench-mount Cure Timer (item # [960356](#)) or
- Pistol Grip Timer (item # [1003327](#)) will make the 7700-HD a truly portable curing source with the advantage of a timed cure cycle.



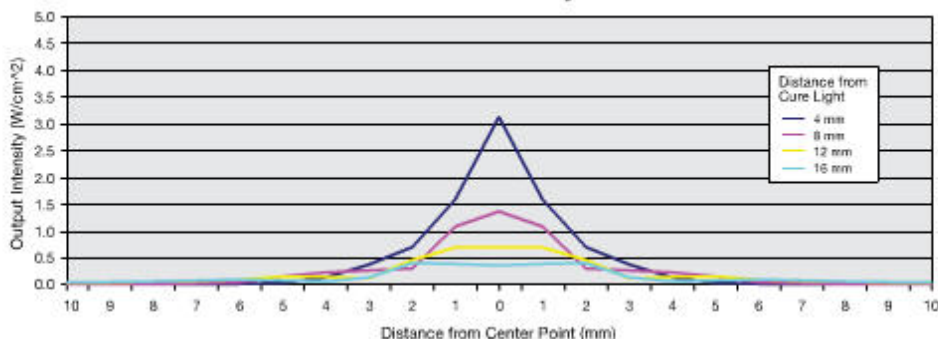
Provides Tack-Free Cure with these Loctite® Adhesives

3105™	3106™	3107™
3311™	3321™	3341™
3525™	3922™	3924™
3926™	3944™	3971™
3972™	4304™	4305™
4306™	4307™	

PRODUCT FEATURES

- Hand-held or Stationary mount.
- Designed for continuous duty usage.
- Equipped with an internal cooling fan.
- Perfect for small adhesive joint applications.
- AC powered; no batteries to replace.
- Emits light UV / visible light range of 390-420 nm, 395 nm peak
- Contains a high-powered, fully visible LED point light source
- LED life of up to 5 times typical UV bulbs
- Extended tip allows operator to aim at the adhesive joint.
- Universal power supply 100 – 240 VAC; 47 – 63 Hz

7700 Series Intensity Profile*



NOT FOR PRODUCT SPECIFICATIONS

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Technical Data

- Dimensions L x W x H: 8.88" x 1.38" x 2.00"
- Weight: 0.75 lbs.
- Power Source: AC Power Adapter; 7.5 volt
- Typical Output* 2.5 to 3 Watt/cm²

Loctite® 7700-HD LED Light Source includes:

- LED Light Source
- Operating Manual 989820
- AC Power Adapter; 7.5 V.D.C. – P/N [989929](#)
- Mounting Bracket
- (1) Tip Guard
- UV/V Safety Glasses; Orange - P/N [98452](#)

Optional Accessories (not included):

- Footswitch – P/N [97201](#)
- PLC Interface Cable – P/N [8900550](#)
- Control Timer - P/N [960356](#)
- Pistol Grip Timer – P/N [1003327](#)
- UV - V Dosimeter – P/N [1265282](#)
- Dosimeter Tip Adapter – P/N [1403405](#)
- Multiplexer - P/N [1102257](#)



Footswitch [97201](#)



PLC Interface Cable [8900550](#)



Control Timer [960356](#)



Pistol Grip Timer [1003327](#)



UV - V Dosimeter [1265282](#)



Dosimeter Tip Adapter [1403405](#)



Multiplexer [1102257](#)

* Values denote typical expected intensities at 4mm distance and are not a fixed specification. Exact output measurement is dependant on the brand and calibration method of the meter used, and normal variation of the Light Emitting Diodes. These measurements were made with a NIST traceable radiometer suitable for the target spectral range. As with all applications, testing with your specific part and adhesive is recommended.

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