



BlackLight™ T8 LED Lighting 18 Watts • U.V.-405NM

The *Blacklight™ T8* is a specialized **LED** tube that provides premium **U.V.-A** light output.

- **Direct Line Voltage - Type "B" Powered LED Tube**
- **U.V.-A Light Output @ 405nm – Blacklight (BL) Ultraviolet LED Tube**
- **Black Light LED T8 tube** for use in a wide variety of specialty lighting applications.
- **Direct voltage Input** range is 120VAC ~ 277VAC. (**Double end power input only**)
- Can be installed with the existing **shunted** or **non-shunted** sockets.
- Ultra-High Efficiency in Blacklight @ 405nm, Wide Angle LED Chips
- **High Output Blacklight @ 18 Watts**
- **48" Tube**



Specifications:

Factory Test Data:


Model:	LED-T8-48" Tube	Series: <i>Blacklight™ T8</i>
Wattage:	18 Watts	
Input Voltage:	120VAC~277VAC	
Peak Wavelength:	405nm Blacklight	
Lumens:	U.V.-A Black Light @ 18 Watts	
Viewing Angle:	280 Degree viewing angle	
Energy Savings:	50% Energy savings vs Fluorescent BL Tubes	
Life Hours:	50,000Hrs	
Dimensions:	1" Diameter x 48" Length Base: G-13 Bi-Pin	
Replaces:	32W Fluorescent "BL" T8 tubes Pack: 30/Case	

Certifications:



UL Type "B"



Damp Location Certified 

Features & Special Data:

- 405nm providing Precise U.V.-A Light and Premium Black Light output.
- Reveals vibrant glowing colors in every entertainment application.
- Perfect for Dance Clubs, Bars, Bowling Alleys, Restaurants and more.
- Industrial applications to reveal hidden substances under U.V.-A Light.
- Powerful "BL" lighting for Signs and Products requiring U.V.-A Light Source.
- LED tubes are labeled with wiring instructions. 100% people safe operation.
- Maximum ambient operating temperature is +40°C
- **Shatter Containment available** - Food Service & Entertainment industry.
- 3 Year Warranty

Ordering:

NLI Ordering Number :

Model	Peak Wavelength
LED-T818	405NBL
T8, 18W	405nm • Black Light

NLI Product Code: T08L04-66HU

Important Caution Notice:

It is critical to replace any damaged, broken, worn out or old lamp sockets before installing LED tubes. Failure to do so may result in electrical arcing or short which can lead to lamp failure or fire. Condition of lamps sockets should be determined by a qualified electrician. All LED tube lamps incorporate electronic components and in rare cases may not be suitable for environmental operating conditions with extreme temperature fluctuations and high humidity levels that result in condensation. Applications and operating conditions vary greatly, and it is the responsibility of the installer or end user of the LED tube to verify that the part is compatible and suitable for their application. May not be suitable for use in fully enclosed fixtures including vapor tight fixtures. Use in these fixtures can cause premature failures and will void the warranty.