

FL-LED-UNV Universal Fluorescent Tube Replacement



FL-LED-UNV



**8Watt, 2900
Lumens**

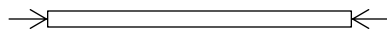
Description:

- DIRECT Replacement for 32Watt T8 and T12 Fluorescent lamps with significant power savings. TRUE plug and play.
- Tube Operated with EXISTING light fixtures, no wiring or electrician needed to install. Works with Ballast or Direct AC Drive
- LED Driver integrated inside the tube, no external wiring or cabling needed.
- NO UV or IR emission
- Mercury and lead free, Environmentally safe and completely recyclable.
- Operating temperature range -20C to +50C
- Solves Safety Issue by eliminating re-wiring
- MTBF 100,000 Hours
- Saves >80% power over Fluorescent Tubes
- Immediate Energy Savings

The FL-LED-UNV is the answer for commercial lighting use that is state of the art and saves power, **SIMPLY BY INTERCHANGING** the tube in your existing fluorescent light fixture. **NO WIRING OR ELECTRICIAN** is required to upgrade. The "Universal Tube" works in all fixtures, Metal Ballast, Electronic Ballast, or 120VAC! It is also polarity free as tube can be inserted for either side. This "NO BRAINER" tube saves the additional cost of re-wiring your existing fixtures, requiring electricians, and eliminates the Safety hazards this entails. Perfect for commercial use that allows the end-user to upgrade to immediate power savings without the hassle of re-wiring or requiring an electrician to install. No electrical work is required. If you can change a lightbulb, you can install and upgrade to the FL-LED-UNV for immediate power savings.

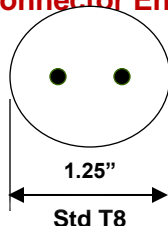
Electrical Schematic-

Any 2 opposing pins, any fixture

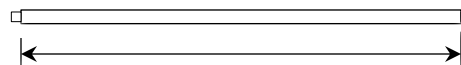


Metal, Electronic ballast or 120-240VAC

Connector End -



Mechanical -



23.1" x 1.25" Round Cylinder

Flexible • Patented Technology • Proven Reliability

For More Information:

Silver Spark Lighting, Inc.

2929 N. Central Expressway, Suite 250

Richardson, TX, 75080 U.S.A.

Tel: (214) 253-0646

Fax: (972) 479-1015

www.SilverSparkLighting.com

Proudly Made in the USA



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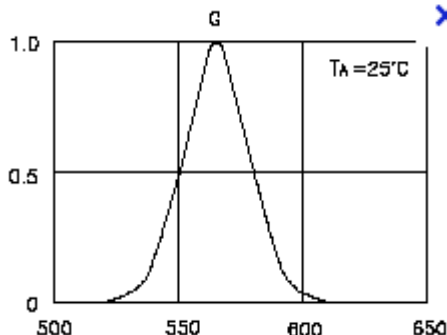


Ordering information:

1.) **FL-HV-UNV2W** – 2 Foot T8/T12 Replacement, 4100K Warm color temperature

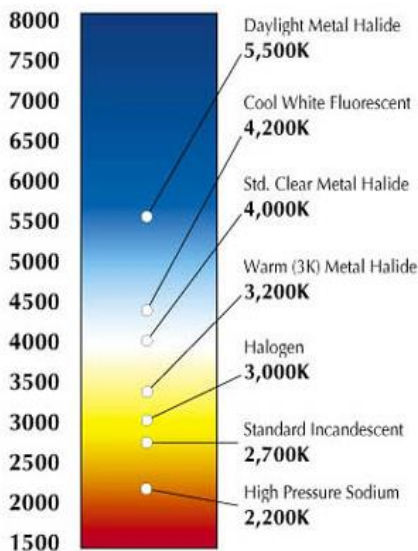
2.) **FL-HV-UNV2C** – 2 Foot T8/T12 Replacement, 5400K Cool Daylight Color temperature

LED Response:



Kelvin Color Scale

Color Temperature	Common Example
2000K	Gaslight
2470K	15 watt incandescent bulb
2565K	60 watt incandescent bulb
2665K	100 watt incandescent bulb
2755K	500 watt incandescent bulb
2900K	500 watt Krypton bulb
3100K	Projector type filament bulb
3250K	Photo Flood
3400K	Halogen
3900K	Carbon arc
4200K	Moonlight
4700K	Industrial smog
5100K	Hazy weather
5500K	Sun 30° above horizon
6100K	Sun 50° above horizon
6700K	Electronic Flash
7400K	Overcast sky
8300K	Foggy weather
30,000K	Blue sky



Ordering Color Options:
Option1 – 4100K (WARM)
Option2 – 5400K (DAYLIGHT)

Environmental Specs:
Temperature -20c to +50c
Humidity 95%
Vibration Mil Std 810
Drop Test IEC 601-2
Power-Factor > 0.90 Power
Safety No Exposed Metal

- **MERCURY and LEAD FREE**
- **100% RECYCLEABLE**

Flexible • Patented Technology • Proven Reliability

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