



## Ubiquity™ 2 LED T8 Direct Wire LED T8 Bypass Lamps

An ideal retrofit solution, the Ubiquity™ 2 LED T8 Direct Wire lamps can be wired to one end or to both ends. This significantly reduces your labor and related expenses, and eliminates the need for external ballasts and LED drivers.

At 12.5 watts, these DLC listed lamps offer an energy-saving upgrade for F32T8 fluorescent lamps. Ubiquity 2 LED T8 Direct Wire lamps are available in 4000K and 5000K and are made with a shatterproof glass tube. Glass provides very good thermal conductivity and transparency. The tube is frosted to prevent glare and allows the 240 degree beam angle (325 degree visible light area) to create a quality lighted environment. Tested to NSF standards, these lamps are ETL Sanitation Listed and suitable for use in areas where food is prepared.

Ushio is proud to stand behind these 50,000 hour rated life LED lamps with a 5-year limited warranty.

### APPLICATIONS

- Fluorescent Troffers
- Office Lighting
- Warehouse Facilities
- Fluorescent Low Bay & High Bay
- Industrial Shop Lighting
- Retail Lighting
- Healthcare Facilities
- School Lighting



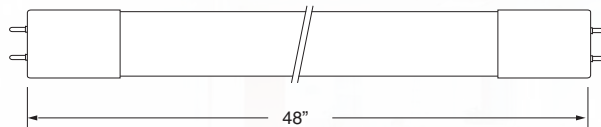
### FEATURES & BENEFITS

- Significant Energy Saving 12.5W Retrofit Solution for F32T8 Lamps
- Single End or Double End Operation with Shunted or Non-Shunted Sockets\* – Significantly Reduces Installation Expense
- Single End Operation Provides for Backward Compatibility Where Needed
- No Need for External Ballasts or Drivers
- Glass Tube – Better Transparency and Thermal Conductivity than Plastic. No Yellowing or Aging Like Plastic
- Conforms to NSF/ANSI 2 – Suitable for Use in Areas Where Food is Prepared
- Shatterproof, Coated Glass Lamp
- Frosted to Prevent Glare
- 50,000 Hour Rated Life – Long Life Reduces Maintenance Costs
- Application Friendly: UV Free and IR Free
- Environmentally Friendly: Mercury Free and Lead Free
- 5-Year Limited Warranty

\* For single ended operation, use only non-shunted tombstones / lampholders that are in good condition.

# SPECIFICATIONS

Beam Angle = 240°  
Visible Light Area = 325°



**G13 Base**

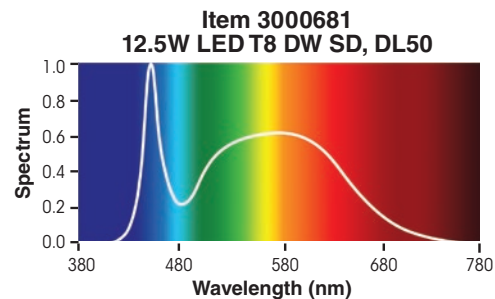
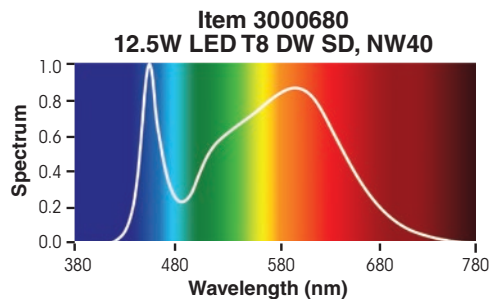
**Sold in Case Quantity Only (25/Case)**

Bare Lamp Watts (W)	Ordering Code	Lamp Description	Voltage (V)	Color Temp (K)	Initial Lumens* (lm)	CRI	Rated** Life (h)
12.5	3000680	UBIQUITY 2 LED T8 DW SD, NW40, 48"	120-277	4000	1750	80+	50,000
12.5	3000681	UBIQUITY 2 LED T8 DW SD, DL50, 48"	120-277	5000	1800	80+	50,000

DW = Direct Wire | SD = Single/Double Input

\* Lumen data is based on system LM-79 tests.

\*\* Rated life based on 70% lumen maintenance. LM-80 data available.



**⚠ CALIFORNIA PROPOSITION 65 WARNING:** These products can expose you to chemicals including Phthalates, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

## CAUTION:

This product can be wired to one end\* or both ends\*\*. See application notes below for general guidance. Please refer to the installation instructions included with the lamp, which is also available at [www.ushio.com](http://www.ushio.com). Risk of electric shock: Use only in dry locations. Do not use with dimmers. Any modifications to the product will void the warranty. Lamps must be operated with an ambient fixture temperature of -30°C/-22°F to 56°C/133°F to ensure UL compliance. Lamp operating temperature must be a minimum of -20°C/-4°F to 45°C/113°F. These retrofit kits are intended for applications that use 4 foot F32T8 fluorescent lamps only. Risk of fire: Do not install this lamp in a Preheat Luminaire. Risk of electric shock: Disconnect power before installation. Use only in dry locations. Not intended for use with emergency exits or for emergency lighting. Risk of fire: If the lamp or luminaire exhibits undesirable operation (buzzing, flickering, etc.) immediately turn off power, remove lamp from luminaire and contact manufacturer.

\*For single ended operation, use only non-shunted tombstones / lampholders that are in good condition. Do not install product in a fixture with shunted tombstones / lampholders (found in all fixtures using instant-start ballasts). If the current tombstones / lampholders are shunted, remove and replace them with non-shunted tombstones.

\*\*For double ended operation, use shunted or non-shunted tombstones / lampholders that are in good condition.

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