

# UBIQUITY™

## LED T8 Linear Lamps

Ubiquity™ LED T8 lamps offer an easy and safe energy-saving retrofit solution for F32T8 fluorescent lamps on instant-start electronic ballasts. There's no need to rewire fixtures or disconnect ballasts. Just replace the existing fluorescent tube with the Ubiquity LED tube for instant energy savings. It's easy and energy efficient!

It's also a safe solution. By not tampering with the fixture wiring or bypassing the ballast, the original UL Listing on every fixture is preserved.

These DLC qualified lamps are available in 2 different wattages, 18W and 22W, and have the form, fit and function of traditional T8 fluorescent lamps.

The Ubiquity LED T8 lamps are made with a glass tube just like traditional fluorescent tubes. Glass provides very good thermal conductivity and transparency. The tube glass is frosted to prevent glare and allow the 240 degree wide beam angle to create a quality lighted environment.

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

Ubiquity LED T8 lamps are available in 3500K, 4000K and 5000K color temperatures.

## FEATURES & BENEFITS:

- Energy Saving
- Direct F32T8 Retrofit for Easy & Safe Installation
- Compatible with Instant Start Electronic Ballasts
- Allows the Fixture to Maintain Original UL and CSA Compliance
- Glass Tube – Better Transparency & Thermal Conductivity Than Plastic. No Yellowing or Aging Like Plastic.
- Wide Beam (240°)
- Frosted Glass to Prevent Glare
- Instant On / No Flicker
- Long Life: 50,000 Hours
- Application Friendly: UV Free & IR Free
- Environmentally Friendly: Mercury Free and Lead Free
- 5-Year Warranty

## APPLICATIONS:

- Fluorescent Troffers
- Fluorescent Strips
- Fluorescent Low Bay and High Bay
- Office Lighting
- School Lighting
- Industrial Shop Lighting

### Qualifications:



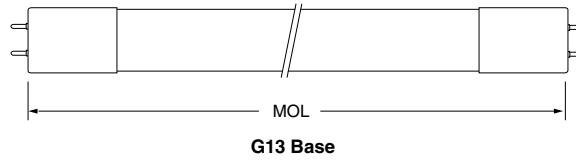
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Case Qty: 25



Watts (W)	Ordering Code	Lamp Description	MOL (in)	Voltage (V)	Color Temp (K)	Beam Angle	Lumens* (lm)	CRI	Avg** Life (h)
18	3000645	18W UBIQUITY LED T8, WW35 48"	48	120-277, 347	3500	240	1800	80+	50,000
18	3000646	18W UBIQUITY LED T8, NW40, 48"	48	120-277, 347	4000	240	1800	80+	50,000
18	3000647	18W UBIQUITY LED T8, DL50, 48"	48	120-277, 347	5000	240	1800	80+	50,000
22	3000648	22W UBIQUITY LED T8, WW35 48"	48	120-277, 347	3500	240	2200	80+	50,000
22	3000649	22W UBIQUITY LED T8, NW40, 48"	48	120-277, 347	4000	240	2200	80+	50,000
22	3000650	22W UBIQUITY LED T8, DL50 48"	48	120-277, 347	5000	240	2200	80+	50,000

\* Photometric data is based on LM-79 tests at normal ballast factor (0.88).

\*\* Average life based on 70% lumen maintenance at low (0.78) or normal (0.88) ballast factor. Operation on high ballast factor will shorten lamp life. LM-80 data available.

Performance Specifications	Power (Watts)	Lumens (lm)	Efficacy (lm/w)
<b>3000645, 3000646, 3000647</b>			
<b>Low Ballast Factor (0.78)</b>	14W	1400	100
<b>Normal Ballast Factor (0.88)</b>	18W	1800	100
<b>High Ballast Factor (1.10)</b>	27W	2700	100

Performance Specifications	Power (Watts)	Lumens (lm)	Efficacy (lm/w)
<b>3000648, 3000649, 3000650</b>			
<b>Low Ballast Factor (0.78)</b>	17W	1700	100
<b>Normal Ballast Factor (0.88)</b>	22W	2200	100
<b>High Ballast Factor (1.10)</b>	31W	3100	100

### CAUTION:

- These lamps are direct replacements for 32W T8 lamps only.
- Do not use with dimmers.
- Operates on instant-start electronic ballasts only. Please refer to [www.ushio.com](http://www.ushio.com) for a complete list of compatible ballasts.
- Risk of fire: Do not install this lamp in a preheat luminaire.
- Risk of electronic shock - Use only in dry locations.
- Any modifications to the product will void the warranty.
- Lamps must be operated with an ambient fixture temperature of -22°F and 133°F to ensure UL compliance.

