

# Ubiquity™ LED T8 Universal

## LED T8 Universal Lamps

Ubiquity™ LED T8 Universal lamps offer an instant energy-saving solution for F32T8 fluorescent lamps. These USHIO LED T8 lamps have a hybrid design capable of ballast compatible or direct-wire operation. These lamps utilize the existing electronic ballast, saving labor and maintenance costs. If the ballast is not compatible or has reached the end of its useful life, simply bypass the ballast. It's easy and energy efficient!

Ubiquity LED T8 Universal lamps are available in 12.5W and in 4000K and 5000K color temperatures. Ushio America is proud to stand behind these 50,000 hour rated life LED lamps with a 5-year limited warranty. Use these dual purpose lamps to reduce the number of SKUs in your inventory today.



## FEATURES & BENEFITS

- Thermal Fuse Protection - This reliability and safety feature disables the lamp in the event of arcing at the socket and lamp pins; prevents overheating
- Lowest Installation Cost - Quick & Easy Replacement
- Dual Purpose Design Suitable for Most Applications- Reduce the Number of SKUs in Your Inventory
- Worry-Free Installation: These Lamps Utilize the Existing Electronic Ballast, Saving Labor and Maintenance Costs. If Ballast is not Compatible or Reaches End of Useful Life Use in Bypass Mode
- Compatible with Most Instant-Start and Programmed-Start Electronic Ballasts, and Many Emergency Ballasts\*
- Coated Glass Lamp - Better Transparency and Thermal Conductivity than Plastic. ETL Sanitation Listed: Conforms to NSF/ANSI 2
- 5-Year Limited Warranty - 50,000 Hours Rated Life Reduce Maintenance

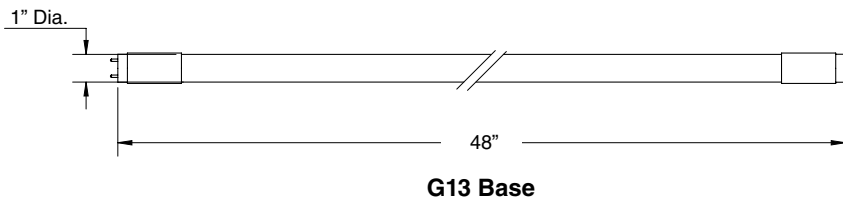
*\*Refer to Compatibility List*

## APPLICATIONS

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

# SPECIFICATIONS

Beam Angle = 240°  
Visible Light Area = 325°



Sold in Case Quantity Only (25/case)

Bare Lamp Power (W)	Ordering Code	Lamp Description	MOL (in)	Diameter Nominal (in)	Color Temp (K)	Initial Lumens* (lm)	CRI	Rated** Life (h)
11	3000704	UBIQUITY LED T8 UNIV, NW40, 48"	48	1	4000	1750	80+	50,000
11	3000705	UBIQUITY LED T8 UNIV, DL50, 48"	48	1	5000	1800	80+	50,000

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

Ordering Code	Input Voltage	BALLAST COMPATIBLE			LINE VOLTAGE		
		System Power (W)			Input Voltage	Lamp Power (W)	Initial Lumens
		Low Ballast Factor (0.78)	Normal Ballast Factor (0.88)	High Ballast Factor (1.10)			
3000704	Ballast Dependent	12.5	14.5	21	120-277	12.5	1750
	Initial Lumens	1500	1750	2450			
	System Efficacy (lm/W)	120	120	117			
3000705	Ballast Dependent	12.5	14.5	21	120-277	12.5	1800
	Initial Lumens	1500	1800	2500			
	System Efficacy (lm/W)	124	124	119			

Actual performance may vary depending on the electronic ballast used.

### CAUTION:

These lamps are direct replacements for F32T8/32W, F32T8/30W, F32T8/28W, F32T8/25W lamps. Do not use with dimmers. Operate on most instant-start and program-start electronic ballasts only. These lamps are not compatible with all ballasts. Before replacing existing fluorescent lamps, check compatibility of LED lamps and luminaire ballast. Please refer to [www.ushio.com](http://www.ushio.com) for a complete list of compatible ballasts. In ballast bypass mode this lamp runs on 120-277 line voltage. Risk of fire: Do not install this lamp in a Preheat Luminaire. Risk of electric shock: Use only in dry locations. Not intended for use with emergency exits or for emergency lighting. 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 -20°C/-4°F to 45°C/113°F maximum. 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.