

# T8 LED TUBE - 6CCT TUNABLE & ADJUSTABLE WATTAGE

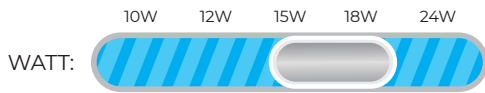
## DESCRIPTION:

The T8 Adjustable LED Tube Light offers a versatile, energy-efficient lighting solution designed to replace traditional T8, T12, or T5 fluorescent lamps. With 6 adjustable color temperatures and power levels, it delivers superior performance, uniform illumination, and an extended maintenance-free lifespan. Ideal for both residential and commercial applications, this durable light ensures energy savings and environmental safety.



## FEATURES:

- Adjustable color temperature: Tunable to 3000K, 3500K, 4000K, 5000K, 5700K, or 6500K.
- Flexible wattage options: Adjustable from 5W to 24W for energy efficiency.
- High efficacy: Provides up to 170 lumens per watt.
- Durable construction: Aluminum housing with an acrylic lens for uniform light diffusion.
- Environmentally friendly: No UV, mercury, or IR radiation.
- Shatterproof materials ensure safe use in a variety of environments.
- Long-lasting: Rated lifespan of up to 50,000 hours.
- Compatible with existing ballasts for easy retrofitting.
- Versatile base options: G13, FA8, and R17D bases available.

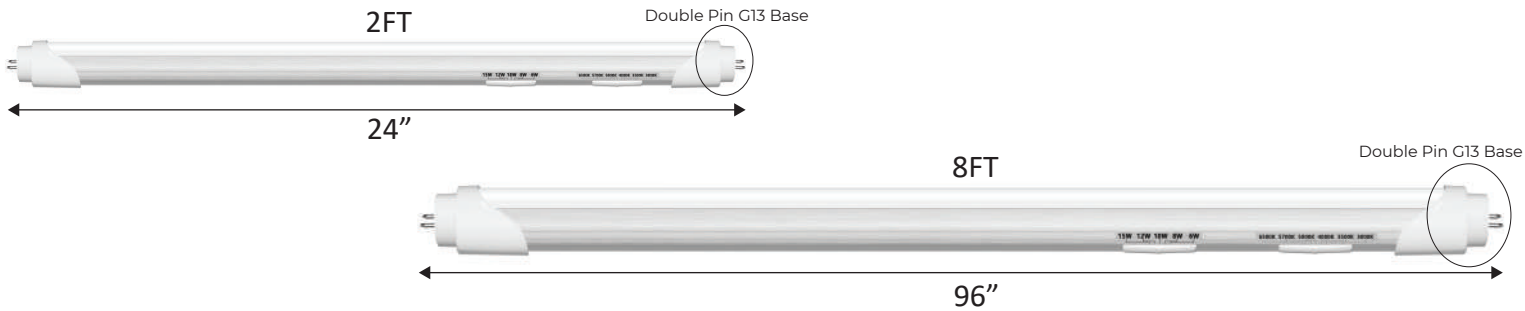
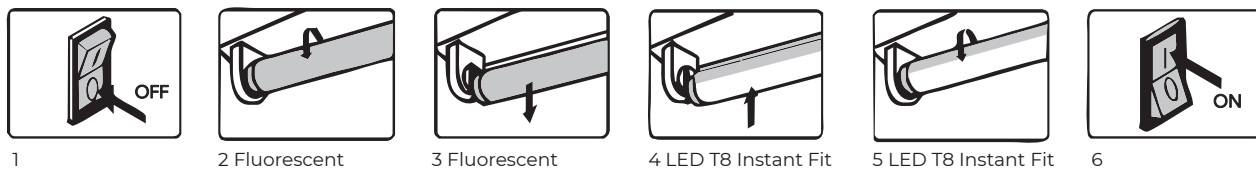


## APPLICATIONS:

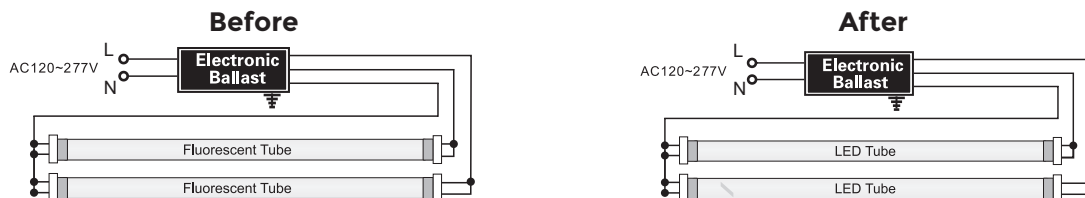
- Office buildings and commercial spaces.
- Retail and supermarkets.
- Schools and educational institutions.
- Warehouses and industrial facilities.
- Parking garages and basements.
- Residential kitchens, garages, and workspaces.

**TECHNICAL SPECIFICATIONS:**

Length Options	2 ft	8 ft
Adjustable Wattage	6W/8W/10W/12W/15W	36W/39W/42W/45W/48W
Input Voltage	AC 100-277V	
Color Temperature (CCT)	3000K, 3500K, 4000K, 5000K, 5700K, 6500K	
Lumens	2000LM	6200M
Luminous Efficacy	125-170 lm/W	
Power Factor	> 0.9 PF	
CRI	> 80 Ra	
Working Temperature	-4°F to +104°F	
Base Types	G13, FA8, R17D	
Certifications	CE, RoHS, UL compliant	
Beam Angle	120°	
Rated Lifetime	Up to 50,000 hours	
Warranty	3 years	

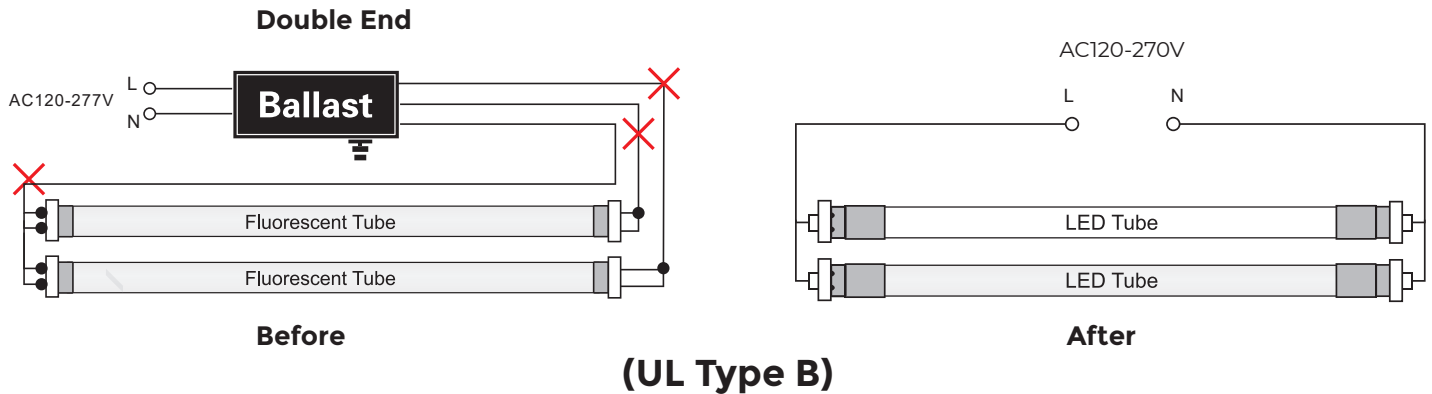
**DIMENSIONS:**

**INSTALLATION GUIDE:**

**PLUG-AND-PLAY INSTALLATION INSTRUCTIONS:**

1. Ensure the power is switched off before beginning installation.
2. Remove the diffuser, if present.
3. Take out the fluorescent tubes and dispose of them responsibly, as they contain hazardous mercury.
4. Insert the LED tube into the fixture.
5. Secure the LED tube and replace the diffuser, if applicable.
6. Restore power to complete the installation.


**(UL Type A)**

## RETROFIT INSTALLATION INSTRUCTIONS:

1. Turn off the power supply to the fixture.
2. Detach the diffuser, if applicable.
3. Carefully remove the existing fluorescent tubes and dispose of them according to hazardous waste guidelines.
4. Follow the provided wiring diagram to cut and adjust the wires.
5. Connect the new wiring to the branch circuit as shown in the diagram.
6. Cover the wiring channel securely.
7. Install the LED tube and replace the diffuser, if necessary.
8. Restore power to the fixture.



## IMPORTANT WARNINGS:

1. Installation should only be performed by a licensed electrician.
2. These lamps are designed for indoor use in damp or dry locations only. They are not suitable for wet locations.
3. Ensure that the lamp holders (tombstones) are in good condition and free from defects before installation.
4. Verify that the ballast brand and model are included in the compatible ballast list provided by the manufacturer.
5. Confirm that the ballast is functional and under warranty before proceeding with installation.
6. Insert the LED tube pins (G13) correctly into the socket to ensure proper installation.
7. These lamps are not suitable for use in emergency exit fixtures.
8. Avoid using these lamps with light dimmers unless they are compatible with dimmable ballasts (UL Type A).
9. The manufacturer is not responsible for any damage to the product or property resulting from improper installation. Refer to the installation instructions provided for proper guidance.

## ORDERING GUIDE:

SKU: T8-2FT-6CCT-FRS					
Item	Size	Color Temperature		Cover	End Cap
T8	2FT	6CCT	(3000K, 3500K, 4000K, 5000K, 5700K, 6500K)	FRS	--
	8FT			CLR	SP
					RDC

Note: End caps are available only with the 8FT option.