

# DT8-GEN2

## T8 LED Lamp Luminaire

LED T8 light bulbs are a great way to reduce your energy and maintenance expenses. They are highly efficient and last longer than traditional fluorescent lamps. TS bulbs come with either bi-pin or single-pin bases that can plug directly into matching light fixture sockets. This makes it easy to retrofit them into existing lighting setups in offices and warehouses. The best part is that TS bulbs do not require any specialty fixtures. They can be used as direct plug-and-play replacements without any fixture rewiring and operate off the existing fluorescent ballast.

Client:	
Order#:	
Project:	
Type:	



## FEATURES

- Universal Compatible Ballast
- No LGP, never yellowing
- High efficacy, up to 130 lm/W
- 5 Year Limited Warranty

## PERFORMANCE DATA



Product ID	Size	Wattage	Lumens	CCT	Voltage	Efficacy	Angle
DT8-GEN2-2ABMW10	2FT	5W to 10W (Selectable)	650 - 1300	MCCT	120-277V	130	140°
DT8-GEN2-4ABMW22	4 FT	10, 12, 15, 18, 24W (Selectable)	1300, 1560, 1950, 2340, 3120	3000K, 3500K, 4000K, 5000K, 5700K, 6500K (Selectable)			
DT8-GEN2-8ABMW50	8 FT	24, 30, 35, 40, 50W (Selectable)	3120, 3900, 4550, 5200, 6500				

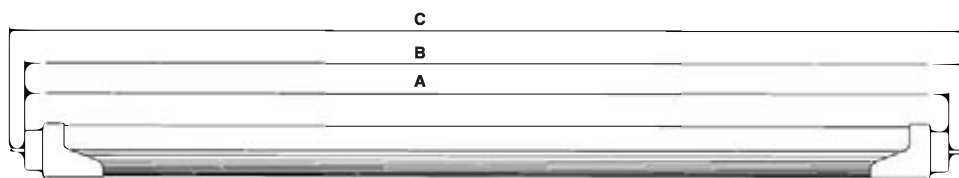
## ORDERING INFORMATION

DT8 / GEN2 / / AB / /  
SERIES PHASE SIZE TYPE WATTAGE WARRANTY

FIXTURE SERIES	
DT8	Deco T8 Tubes
PHASE	
GEN2	Generation II: Multi Watt, Multi CCT
SIZE	
2	2 FT
4	4 FT
8	8 FT
TYPE	
AB	Type A (Ballast Compatible) +B (Ballast By-Pass)
WATTAGE	
MW10	5 to 10W (selectable) - 2FT ONLY
MW24	10, 12, 15, 18, 24W (selectable) - 4FT ONLY
MW50	24, 30, 35, 40, 50W (selectable) - 8FT ONLY

WARRANTY	
5	5 Year Warranty (included)
10	10 Year Warranty

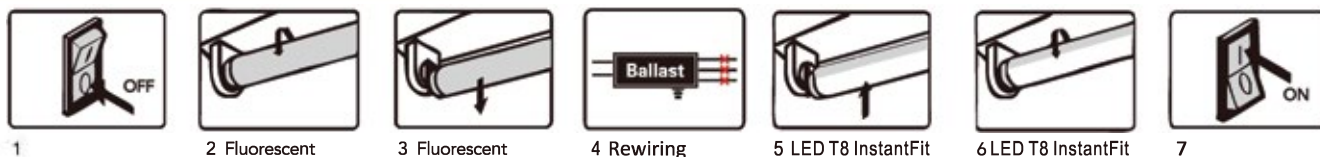
## Dimensions



Maximum overall length (mm)	2ft	4ft
A	588	1198
B	595	1205
C	603	1213

## Installation Diagram

### Retrofit Procedure

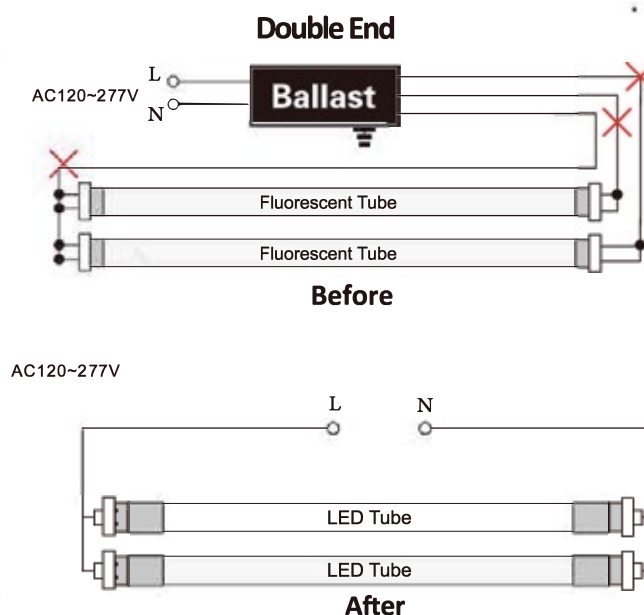
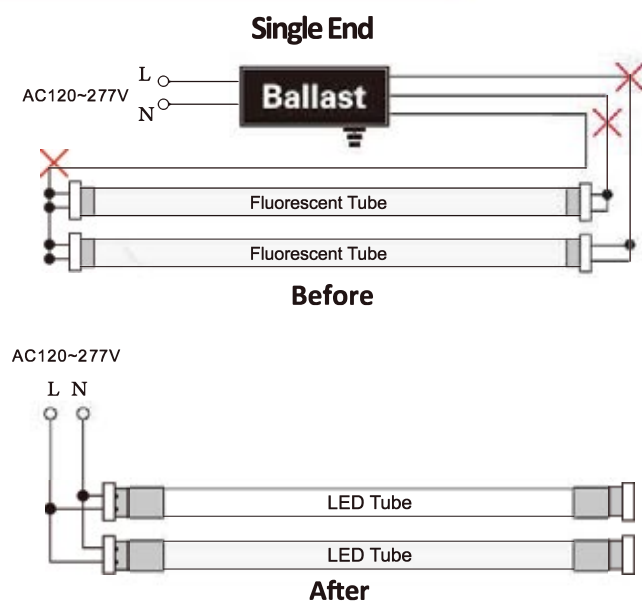


To ensure proper removal and installation of the lighting system, please follow the steps below:

1. Turn off the power.
2. If applicable, remove the diffuser.
3. Remove the fluorescent tubes and dispose of them properly as they contain mercury.
4. Cut the wires according to the diagram provided.
5. Connect the new wire to the branch circuit as indicated in the diagram.
6. Replace the cover over the wiring channel.
7. Install the LED tubes and close the diffuser.
8. Turn the power back on.

Following these steps will ensure a smooth and safe transition to the new lighting system. If you have any questions or concerns, please do not hesitate to ask.

### Wire Diagrams



(UL TypeB)

**⚠ WARNING**

Please note the following instructions for installing and using the lamps:

A licensed electrician should install these lamps.

These lamps are suitable for indoor use only (in damp or dry locations). They are not suitable for wet locations.

Before installation, ensure that the tombstones/lamp holder are in good condition and not defective.

To ensure proper installation, insert the LED tubes/G13 pins into the right position of the socket.

This device is not suitable for use with emergency exits.

These lamps are not suitable for use with a light dimmer.

If the LED lamp is damaged due to failure to comply with the above warnings, we will not be responsible for any damage.

\*Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

**Photometrics****Electrical and Photometric Characteristics**

Base Type  
G13



Nominal Voltage  
120V-277V



IP Rating  
IP20



Power Factor  
>0.9



CRI  
>80



Starting Time  
<1.0 s



Lumen Maintenance  
500,000 Hours



Operating Temp.  
-20°C ~ +45°C

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**4ft 5000K 18W 2250LM**