LED T5 TUBES Type A+B

Wattages: 20W



Designed as a versatile and energy-efficient replacement for traditional fluorescent T5 tubes, it offers the flexibility of both ballast-compatible and ballast-bypass installation. Ideal for office buildings, schools, factories, hospitals, and other indoor spaces, the LED T5 Tube provides an efficient, long-lasting alternative to conventional fluorescent lighting.

PRODUCT FEATURES:

- CONSTRUCTION
  Plastic /Aluminum4'LED T5 TubesG-13 Base
- ELECTRICAL
  Compatible with most instant- and programmed-start electronic T8ballasts.Bypass ballast runs on 120-277V line voltage.
- INSTALLATION
  Type A+B(Single-end or Double-end Wiring)
- APPLICATIONS
  Office Buildings/Schools/Factories/HospitalsSuitable for dry and damp indoor locations.Working temperature4°Fto113°F(-20°Cto 45°C)
- LISTING
  ETL,FCC
- WARRANTY
  5 Years Limited Warranty,Rated for 50,000 hours.

SPECIFICATION	
MODEL	SS-T5-FAB-20W-TCP
WATTAGE	20W
CCT	4000K,5000K
LUMENS	3000LM
INPUT VOLTAGE	AC120-277V
FREQUENCY RANGE	50/60Hz
BALLAST COMPATIBILITY	Type A+B
WIRE CONNECTION	Single-end or Double-end Wiring
COVER	Frosted
CRI	>80
PF	>0.95
THD	<20%
BEAM ANGLE	120°
IP RATING	IP 20
LIFETIME	>50,000hrs
WRRANTY	5 years limited

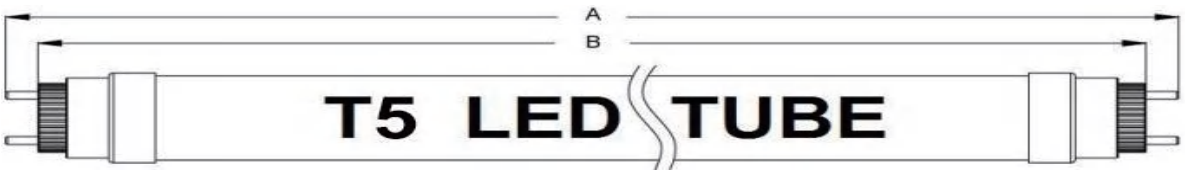
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ORDERING INFORMATION

Model	Size	Wattage	Voltage	Efficacy	CCT
SS-T5-FAB-20W-TCP	4FT	20W	120-277V	150lm/W	4000K,5000K

PHYSICAL SPECIFICATIONS

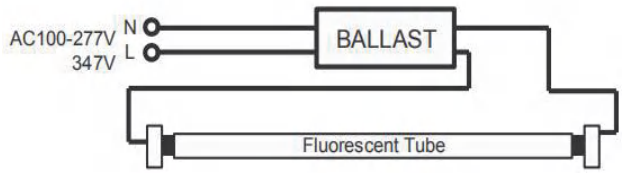


A:1163mm
45.79inch

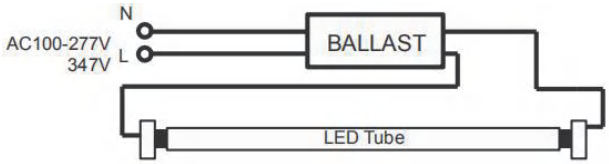
B:1149mm
45.24inch

T5 LED Tube Ballast compatible Specifications

(ETL Type A+B) works with or without a ballast

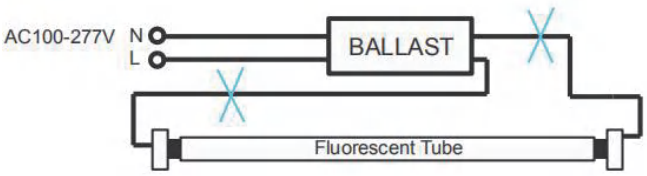


4. Put LED tube into the lighting fixture.

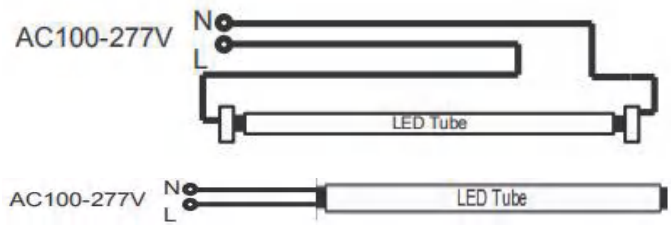


5. Install the LED tubes and close the diffuser.
6. Turn on the Power.

4. Cut wires as shown on the diagram below:



5. Make the new wire connect to branch circuit as shown on the diagram below:



6. Replace the cover over the wiring channel.
7. Install the LED tubes and close the diffuser.
8. Turn on the Power.

* For one ballast by three fluorescent tube fixtures, install at least two ballast compatible tubes.
* For one ballast by four fluorescent tube fixtures, install at least three ballast compatible tubes.

LED T5 TUBES Type A+B

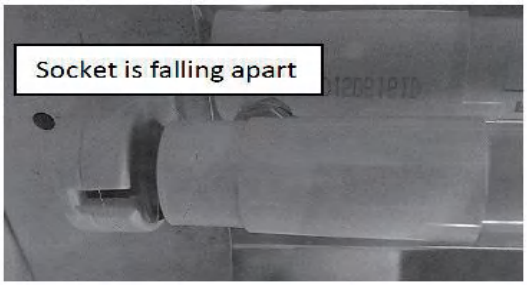
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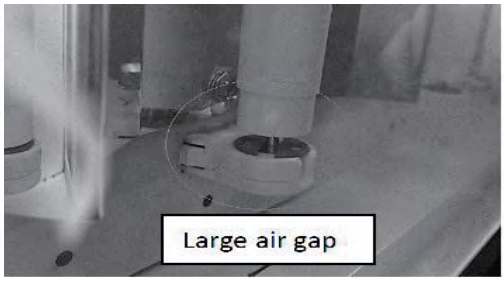
CAUTION NOTICE

1. Ensure ballast compatibility. we highly recommend you perform a test by installing the new LED tubes into a single fixture and allowing it to operate for 2 days. Ensure there is no flickering, strobing, or bulb turning off issues.
2. Make sure the lamp socket is not over aged (old or defective) – If there is a burnt black mark on socket plastic or plastic has turned brown in color (effected by UV light emitted from the fluorescent lamp), please replace the socket before installing the new LED tube. (see diagram A below)
3. Make sure the tube is fully turned into the right position with good contact. Poor contact will generate high voltage arcing between the LED tube bi-pins and copper contacts inside the socket.
4. Make sure the sockets are not pushed outward after LED tube is installed – If the socket is pushed outward, it will create an air gap and poor contact between tube bi-pins and socket copper contacts. Poor contact will generate arcing between LED tube bi-bins and copper contacts inside the socket. (see diagram B below)

INSTALLER ALWAYS NEEDS TO PAY CLOSE ATTENTION TO A FEW ITEMS DURING INSTALLATION, IF CARE IS NOT TAKEN TO ENSURE THE SOCKETS ARE IN GOOD CONDITION AND IN GOOD CONTACT WITH THE LAMPS, PROBLEMS MAY OCCUR AND ORM WILL NOT BE RESPONSIBLE

WARNING - CONTINUOUS ARCING WILL GENERATE HIGH TEMPERATURE THAT COULD MELT THE SOCKET PLASTIC OR LED TUBE PLASTIC END CAP.





INSTALLATION (CALL ELECTRICIAN FOR RETROFIT SERVICE)

"Plug and Play" Procedure

1. Turn off the Power to the light fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes. Please dispose of these items properly as they contain mercury

Retrofit Procedure

1. Turn off the Power to the light fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes.Please dispose of these items properly as they contain mercury.

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