

LEDISON Bypass LED Tubes

www.LightingAtlanta.org

Email: info@LightingAtlanta.org
Tel: 770-317-9191



Product Description

The LEDISON LED Tube light is a half aluminum, and half pc cover design, with high luminous efficiency, robust components and extremely strong case. Very quick installation for replacing traditional fluorescent T8 tubes. A high quality LED driver and excellent thermal management offers high-performance illumination that lasts 100,000 hours with typical energy savings of around 80%.

Applications:

Indoor offices, Shopping mall, any other commercial areas



Electric Characteristic

Specification/Model	L-SMDT8-18WBC	L-SMDT8-22WBC	L-SMDT8-18WBF	L-SMDT8-22WBF
Beam Angle	120° (Aluminum+Plastic)			
Input power	18W	22W	18W	22W
Lumens output	1800-1980lm	2200-2420 lm	1710-1890 lm	2090-2310 lm
Lumen efficiency	100-110LM/W	100-110LM/W	95-105LM/W	95-105LM/W
CRI	>80Ra			
Color Temperature	4000K/5000K			
Input voltage	100-277V			
Frequency	50-60HZ			
Operating Temperature	-20~+50°C			
Junction temperature	<75°C			
Power Supply Efficiency	90%			
Certificate	UL,cUL,DLC			
Equivalent	35-45W fluorescent	50W-60W fluorescent	70W-80W fluorescent	90W-100W fluorescent

DLC Ordering Model No Information

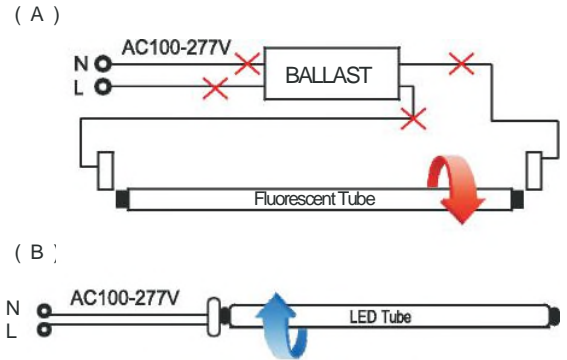
Example: L-SMDT8-18WBC40K

Product	Power	Replacement	Color Temperature	Cover
L-SMDT8-18WBCXXK	18W	35-45W fluorescent	XX=30K 3000K	B=DLC Type B C=Clear Cover F=Frosted Cover
L-SMDT8-22WBCXXK	22W	50W-60W fluorescent	XX=40K 4000K	
L-SMDT8-18WBFXXK	18W	70W-80W fluorescent	XX=50K 5000K	
L-SMDT8-22WBFXXK	22W	90W-100W fluorescent		

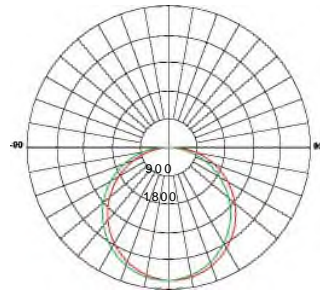
Connector options

Retrofit Procedure:

1. Turn OFF power to the fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes and dispose of these properly as they may contain mercury.
4. Cut wires as shown on diagram (A).
5. Make new wire connection to the branch circuit as shown on diagram (B).
6. Replace the cover over the wiring channel.
7. Install the LED tubes and close the diffuser.
8. Switch ON power to the fixture at the breaker panel



Photometrics

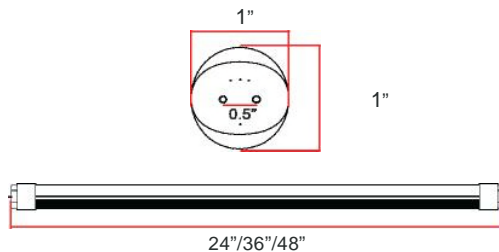


Projected LED Lumen Maintenance

Operating hours	0	25000	50000
Lumen maintenance factor	1	0.91	0.8

Data references the extrapolated performance projections for the Tube LED Lights platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Dimensions



www.LightingAtlanta.org

Email: info@LightingAtlanta.org
Tel: 770-317-9191