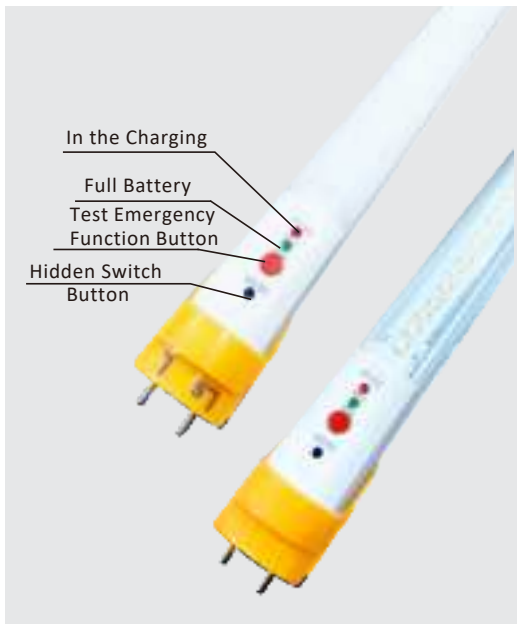


EMERGENCY TUBE LIGHT



FEATURES

- Emergency tube over 120mins, AC input voltage (100-277VAC)
- A grade ternary lithium battery, 2*2.6Ah 3Ah, 3.7V Ultra-long emergency time limit, minimum level ≥2 hours
- Built-in certified emergency driver, lifespan, high safety performance
- With automatic monthly inspection function, fault alarm function, more intelligent
- With emergency test button/indicator/battery power switch, appearance coordination, beautiful and textured
- Emergency brightness over 1100lm, meets most office demands

SUITABLE APPLICATIONS

- Office lighting
- Meeting room lighting
- Store lighting
- Restaurant lighting

DESCRIPTION:

The Emergency LED Tubes can work directly plug and play with old tube fixtures, emergency time over 120 minutes with over 1100lm of emergency brightness.

» Electric Characteristic

Specification/Model	LDS-EMT8-18WBF-50K
Input Power	18W
Luminous Flux	2200lm±5%
Emergency Luminous Flux	1100lm±5%
Lumen Efficacy	115LM/W
CRI	>80
Color Temperature	5000K
Input Voltage	100-277VAC
Light Distribution Type	120°
Work Current	0.182A@90VAC:0.090A@277VAC
Work Frequency	47-63Hz

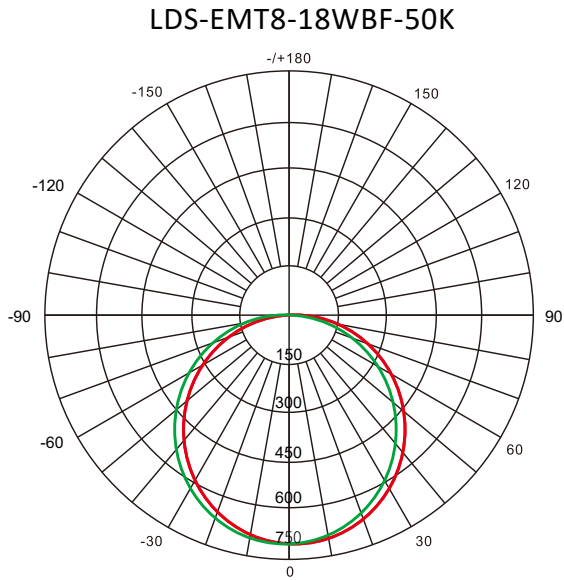
» Battery Characteristic

Power Factor	>0.99@90VAC:0.91@277VAC
Charging Time	>10hrs
Emergency Time	120mins
Emergency Power	5-8W
Battery Type	Polymer Lithium-Ion Battery (11.1V, 2AH)
PF	≥0.9
THD	≤20%
LED Type	SMD2835LED



Emergency Tube Light

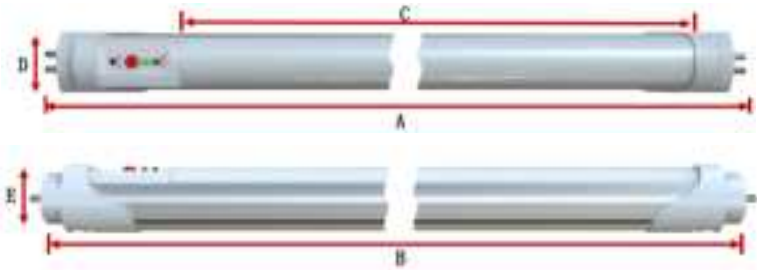
Distribution Diagram



AVERAGE BEAM ANGLE (50%): 150°

Test Number: LDS-EMT8-18WBF-50K	UNIT:CD
Lumens: 2200LM	— C0/180,110.9
Test Number: 18W	— C30/210,110.5
Test Number: 5000K	— C60/240,109.3
	— C90/270,109.1

Dimension



Maximum overall length (mm)	4ft
A	1212mm
B	1198mm
C	1138mm
D	28.5mm
E	32.5mm



Tips:

1. About automatic detection: as long as the test switch (Test) is pressed, or the mains is re-supplied, the internal program will restart the timer. After 12 hours, the first automatic test will be performed, and the emergency state will be activated for 1 minute. After confirming that the emergency function is normal will return to normal state automatically. If the emergency function is abnormal within 1 minute, the program will automatically resume charging for 1 hour and then re-test. When confirmed it's not normal for the second time, the green indicator will start to flash to alarm, confirming that the internal device is abnormal and cannot work normally, stop using it immediately, Ask a professional to repair or replace it.
2. Monthly inspection function: When the product continues to work normally for 30 days, the internal program will automatically start an emergency function test.
3. Special situation: When the product lasts for more than 12 hours and the ON/OFF switch is not turned on, the internal program will determine there is a fault, and the green light will flash an alarm. At this time, Need to turn on the ON/OFF switch first, and then press the TEST test button or mains is re-supplied. then can back to normal use.

Emergency Tube Light



Function Introduction

1. **ON/FF:** Black hidden switch to active emergency function. Remark: This switch is default closed before leaving factory, by use a small sharped object into the hole to press it, as long as the noise heard means the swichis turned on. At the same time the tube will start emergency function if haven't install into the fixture. When the tube's indicators (red, green) flashing alternately after installing into the fixture which means the internal switch is not turned on, please repress it.
2. **Test:** The red button is for testing the emergency function if normal when the tube is working. When pressed, the lamp immediately starts the emergency state and lights up, and returns to normal after release it. Each time this button is pressed, the internal program time is cleared, and the automatic detection time will be restarted.
3. **Full:** The green indicator "steady on" means "the intenal battery is fully charged"
4. **Charge:** The red indicator "steady on" means the battery is being charged and will automatically turn of when fully charged.

Note: When the red and the green indicator flashing alternately, it means that the ON/OFF switch is not turned on, please press again. When the emergency function is activated the green and red indicators will go out at the same time.

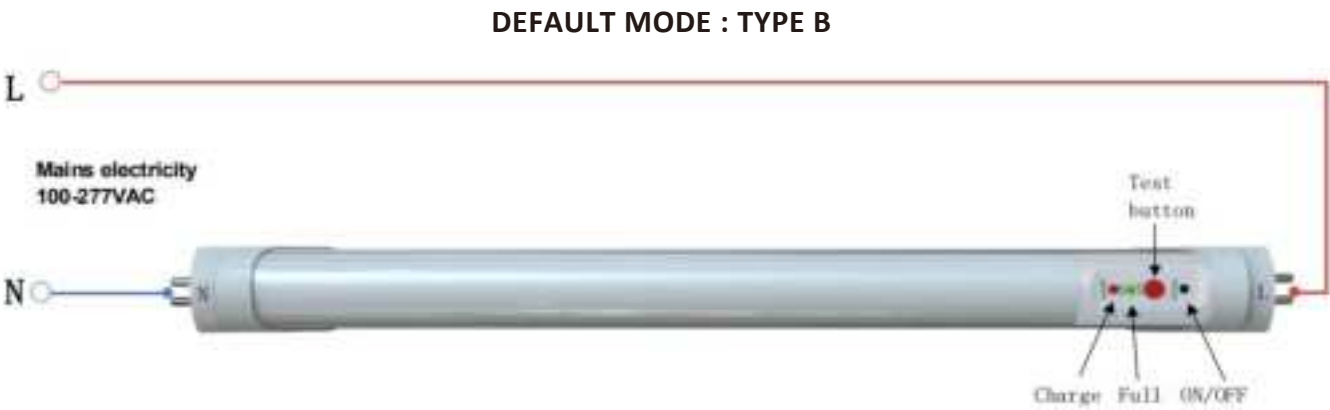
Installation Method

Installation Guide

- Before installation, check if the connected voltage, frequency, etc. are consistent with the product parameters.
- Ensure that the input voltage and frequency are within the specified range before installation.
- It should be installed by qualified electricians and ensure that the power is completely turned off before installation.
- When installing, make sure that the "hidden battery switch button" is in the pressed status, and the traffic lights.
- When installing, make sure that the "hidden battery switch button" is in the pressed status, and the traffic lights do not flash alternately
- No need for starter and ballast, or please confirm that the above components are disconnected; the lamp connection and installation wiring diagram is divided into TYPE-B and TYPE-C as shown below
- After installation, please check carefully and then test it.

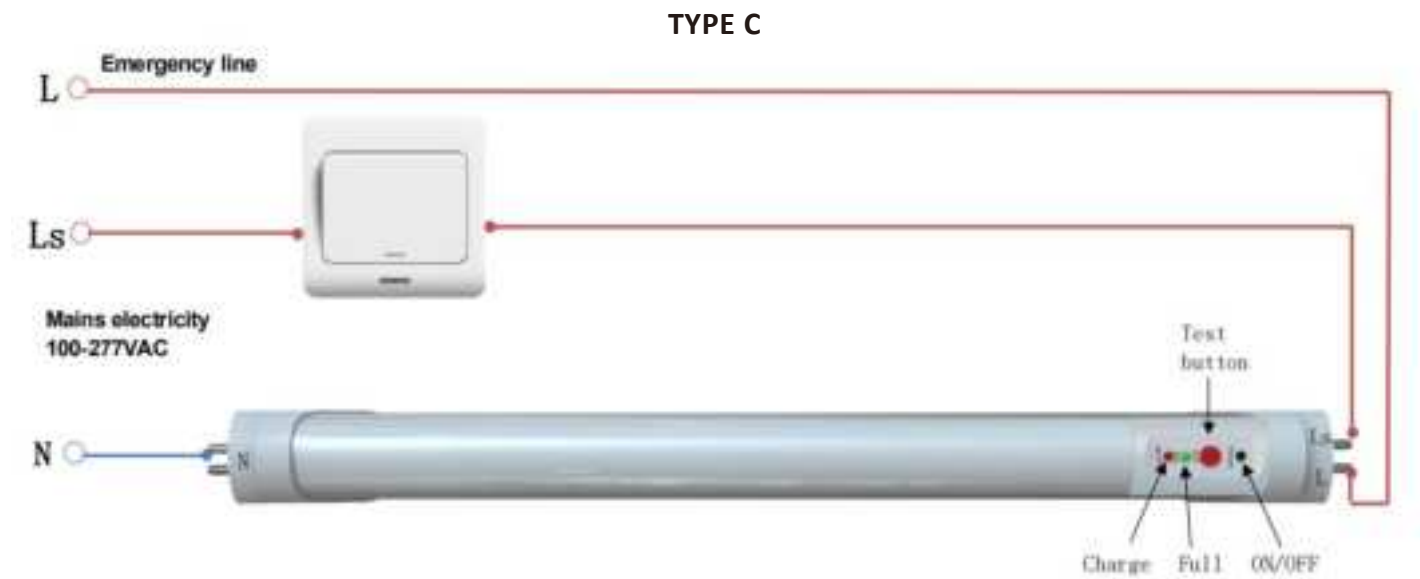
Install the Wiring Diagram

Figure 1. Wiring diagram without a HOT line:



Emergency Tube Light

Figure 2. Wiring diagram with a HOT line:



Precaution

- After installation, please check carefully and then test it after confirming that it is correct.
- The installation accessories need to be installed firmly.
- After the installation and wiring of the light is completed, the power is tested again to guard against electric shock.
- Please do not open the light and change the electrical structure, Otherwise the damage caused is not covered by the warranty.