

LED Emergency Tube Light

FEATURES

- Aluminum heatsinks and integrated driver designed to retrofit T8 fluorescent lighting.
- Compatible with both conventional power supply function and emergency power supply function.
- Full brightness in automated switch-over to emergency mode with 1.5 hours minimum emergency run-time.
- Internal rechargeable Li-ion battery.
- Over 500 cycles of standard charge and discharge.
- Universal Input Voltage of 100-277VAC (50/60 Hz).
- Indicator shows a variety working modes.
- Six lamp color temperatures offered:
3000K/3500K/4000K/5000K/6000K/6500K.
- Five lamp Power offered:10W/12W/15W/18W/24W.



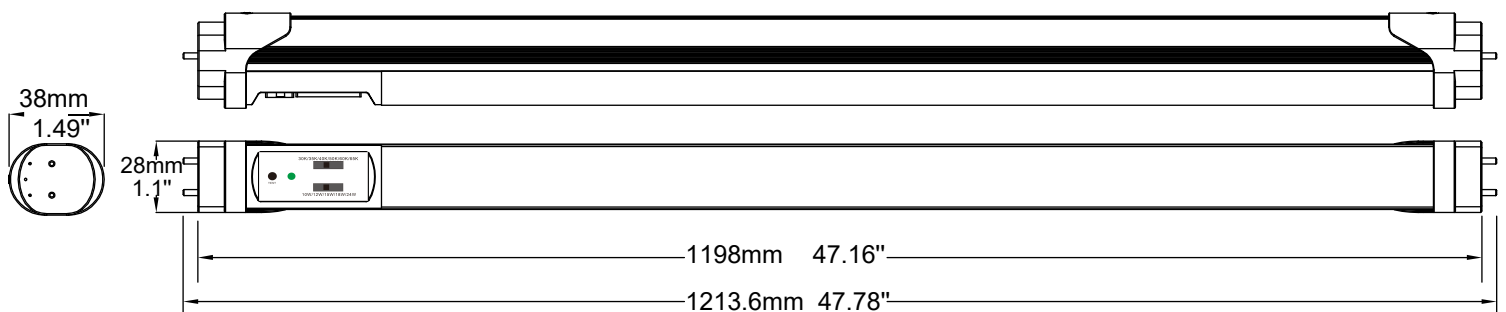
SPECIFICATIONS

- Input Voltage:100~277Vac,50/60Hz
- Input Current: 290mA max
- Input Power: 24W max
- Output Power: 10W/12W/15W/18W/24W selectable
- Emergency Power: 3W (CCT 6500K)
- Efficacy : 130lm/W
- Emergency Lumens: 400lm
- CRI: > 80
- Recharge Time: 24Hrs
- Emergency Time: 90 minutes
- Battery Type: Li-ion battery
- Color Temperature: 30K/35K/40K/50K/60K/65K selectable
- Warranty:5 years



DIMENSIONS

47.16"x1.1"x1.49"(1198mmx28mmx38mm)



Packing/Weight:

Catalog Number	Outer box (L*W*H)	Qty/CTN	N.W./pcs (lbs/kg)	G.W./CTN (lbs/kg)
SZ-T8-4FT-24 (G13 ACP EM)	48.82"x8.86"x10.04" 1240x225x255mm	25PCS	0.395KG	11.5KG

LED Emergency Tube Light

INSTRUCTION MANUAL

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- After getting the lamp, do not hurry to install it, Please read the installation and use safety instructions, and install and use the lamp according to the instructions.
- Before installing, make certain the AC power to the fixture is off.
- In the occurrence of tube stroboscopic or dark shadow, should be replaced in time.
- Do not use outdoors.
- Do not let the tube touch hot surfaces.
- Do not mount near gas or electric heaters.
- Repairs and maintenance must be carried out by qualified personnel.
- When maintaining lamps and lanterns, maintenance personnel should understand the performance and product structure of lamps and lanterns, first disconnect the power supply, and then carry out cleaning maintenance. Regular clean lamps and lanterns, can improve the luminous efficiency and heat dissipation, but also can effectively extend the service life of lamps and lanterns.
- In this reminder, do not frequently switch the power supply when the lamp is in use. Since the lamp is frequently started at all times, the current is passed through the light source, Higher than normal working current, making the light source heating violently, thus reducing the service life.



WARNING: RISK OF SHOCK, House electric current can cause painful shock or serious injury unless handled properly.



CATION: Turn off the main power at the circuit breaker before installing, in order to prevent possible shock.



Li-ion

THIS PRODUCT CONTAINS A RECHARGEABLE Li-ion BATTERY. THE BATTERY MUST BE RECYCLED OR DISPOSED OFF PROPERLY.

OPERATION

Normal Mode: AC power is present. The AC driver operates the LED load as designed. The emergency driver is charging in a standby mode. The charging indicator light is red, showing that the battery is charging.

Emergency Mode: When the AC power goes out, the emergency driver detects the AC power outage and automatically switch to emergency mode. The LED luminaire is illuminated for a minimum of 90 minutes. When the AC power is restored, the emergency driver switches the system back to the Normal Mode and resumes battery charging.

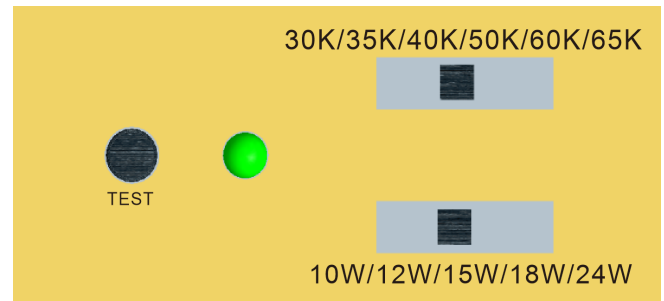
LED Emergency Tube Light

Button Operation Instructions:

Test button: Test whether the emergency function is normal and the setting of the self-test cycle. See the test operation instructions.

CCT button: Color temperature switch button
30K/35K/40K/50K/60K/65K in turn to switch.

PO button: Power switch button, 10W/12W/15W/18W/24W in turn to switch.



SELF-TEST:

This unit contains a control/monitor circuit that if enabled automatically performs a 30-second discharge test once a month and a full 90-minute discharge test once a year. During routine testing, the self-testing emergency driver simulates an AC power failure causing the unit to automatically switch to emergency mode. The unit will monitor the operation of the LED load, battery voltage, and emergency duration. If the emergency system functions properly, then the unit will return to normal mode. Should the unit detect any problems, the indicator light will flash per failure condition (see Troubleshooting Guide) until the condition has been corrected and the unit passes the next test.



Indicator Light Introduction

- ① Red/ON: Charging
- ② Green/ON: Full-charged
- ③ Indicator light OFF: Discharging(emergency mode)
- ④ Red Flashing:Error

Note: See Troubleshooting Guide

TEST SWITCH INDICATOR STATUS & TROUBLESHOOTING GUIDE

The charge indicator will be lit Solid Red when charging, and will be lit Solid Green when fully charged and in the standby mode. The indicator will flash Green when self-testing. If a problem is encountered during the test cycle, the indicator will flash Red, according to the diagnostic codes below:

Mode	LED Indicators Status	Error	EM Driver Status / Mode	Corrective Action
Normal Mode	Solid Green	None	Battery fully charged/System OK	/
	Solid Red	None	Battery is charging	/
	None.Both LEDs OFF	None	In EM mode or emergency run-time is ended	/
	Flashing Green	None	Self-Diagnostic test underway	/
Fault Mode	Flashing Red	Lamp	lamp failure	1.change a new product. 2.contact customer service.

LED Emergency Tube Light

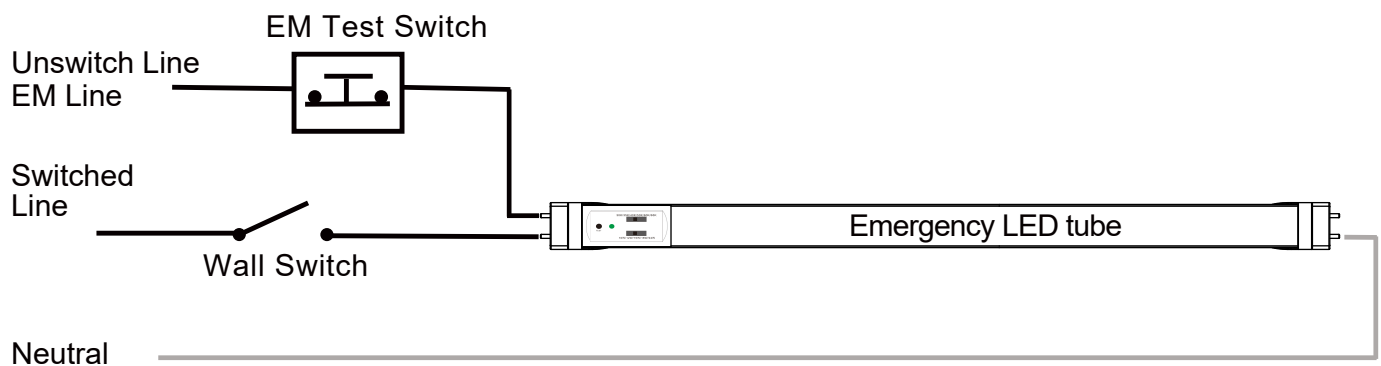
FAST TEST

- Press and hold the test switch/button to enter the emergency mode, the light is on, release the switch/button and restore the mains power
- **Monthly** – 30-second test: Conduct a test every month with a 30-second emergency response. Return to charging after the test is completed.
- **Annually** – 90-minute test: Perform a test once a year with an emergency operation of no less than 90 minutes until the battery pack is fully discharged. Return to charging after the test is completed.
- **Suspend Function:** During Emergency Mode, Pressing the Test Switch more than five seconds will shut off the power function for transportation/storage/disconnecting the battery, etc.
Under this function state, the power needs to be completely disconnected from the mains and then powered on again to restore normal function.
- **Note:** during any manual test, press and hold the Test Button/Test Switch for 1 second to terminate a manual test.

WIRING DIAGRAM

- **Note:** this lamp requires two AC Line supplies. One switched line for normal lamp use, and one always ON connected to the Emergency End (EM) input of the lamp to recharge the lamp batteries. Turn OFF all AC power before rewiring and installation.

SIGLE LAMP WIRING DIAGRAM:



MULTIPLE LAMP WIRING FOR SINGLE EDN POWER LAMPS:

