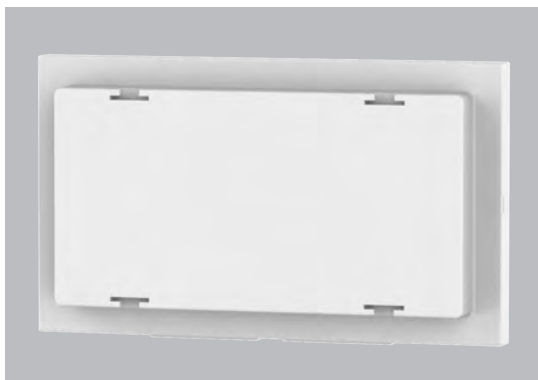# TRONIX

Emergency Exit Sign

Introduction

This LED Exit Sign is compact and decorative design with high luminance performance. It is suitable for wall mounting and recessed mounting. Auxiliary illumination at the bottom for better lighting effects. LED self-contained luminaire with auto test Replaceable pictogram legends design, arrow right, up, up-right, down, down-right are included.

Features

- PC housing with IP40 and IK07 rating. Using light guide plate which distributes light evenly.
- Multi-use applications including corridors, walkways, commercial spaces, primary escape routes and stairways.
- Wall mounting/ Recessed mouting only with 4 springs.
- LiFePO4 battery, long life time.

Application notes

- IP40 for indoor use only
- Professional electrician for installation only
- Switch off before installation
- Do not touch when in use
- Keep away from hot steam and corrosive gas

Application Areas

It is designed for indoor applications. It is also widely used for corridors, walkways, commercial spaces, primary escape routes and stairways etc.
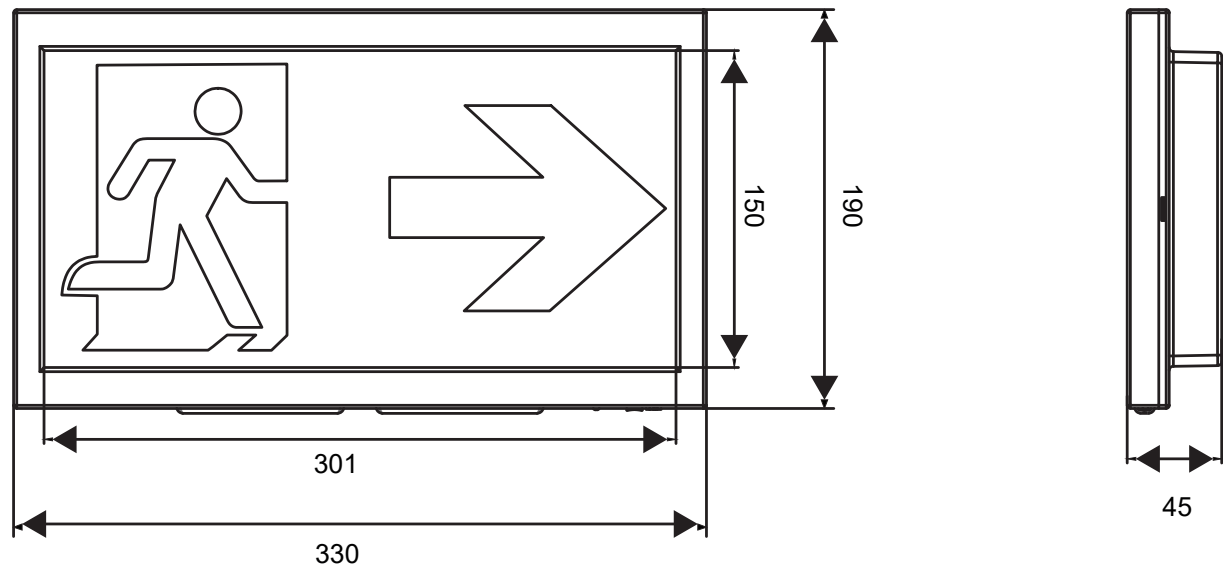
Certificate

CE RoHS

Product Information

Technical Specifications

Model	600-019	600-020
Finishing color	White	Black
Input Voltage	220-240VAC	
Mains Power	5W Max.	
Exit Power	1W Max.	
Light Power	0,5W Max.	
Charge Duration	24h	
Discharge Duration	3h	
Battery Type	LiFePO4 3,2V1500mAh	
Test Mode	Auto Test	
LED	SMD3014	
CCT(K)	5000K	
CRI	>80	
LED Driver	Built-in	
Protection Class	Class II	
IP Rating	IP40	
Material	PC	
Glow wire test (°C)	850 $^{\circ}$C	
Operating Temp.(°C)	0℃ ~45℃	
Storage Temp.(°C)	0℃ ~65℃	

Dimensions

Driver data Sheet

Model	600-019 | 600-020
Mains Power	5W Max
Frequency	50/60Hz
Input Voltage	AC220-240V
Efficiency	≥60%
Power Factor	≥0.3
Input Current	≤0.05A
Full load output voltage	DC 3V
Exit current	240mA±10%
Light current	80mA±10%
Surge	0.5KV
Withstand voltage	AC3750V

Information about Automatic test

1. Instruction for Automatic test function

Once the unit is powered up, a self-diagnostics test will be automatically initiated:
- Check battery, lamp, charge board and transfer fault all the time.
- Run 3mins duration test every month.
- Run 3H duration test every year.

Note: All test functions are preset and no need field adjustment.

2. Dual Colour LED Status Indicator Meaning
- Green indicator solid on: Ready/ Normal Operation
- Red indicator flashes: Require service

˙	One flash, 4s pause	Battery disconnected
˙˙	Two flashes, 4s pause	Low battery voltage
˙˙˙	Three flashes, 4s pause	Charge board fault
˙˙˙˙	Four flashes, 4s pause	AC/DC transfer fault
˙˙˙˙˙	Five flashes, 4s pause	LED lamp fault

Note: When the fault is recovered, press the test button for 2s, the red flashing indicator will turn green. The fault is cleared, and the unit is back to normal.

Press test button once	run a 30s duration test
Press test button twice within 2s	run a 3mins duration test
Press test button 3 times within 2s	run a 30mins duration test
Press test button 4 times within 2s	run a 3H duration test

Included Pictograms (right arrows can be turnaround for left arrow use)