TRONIX

guided by light

SPECIFICATION

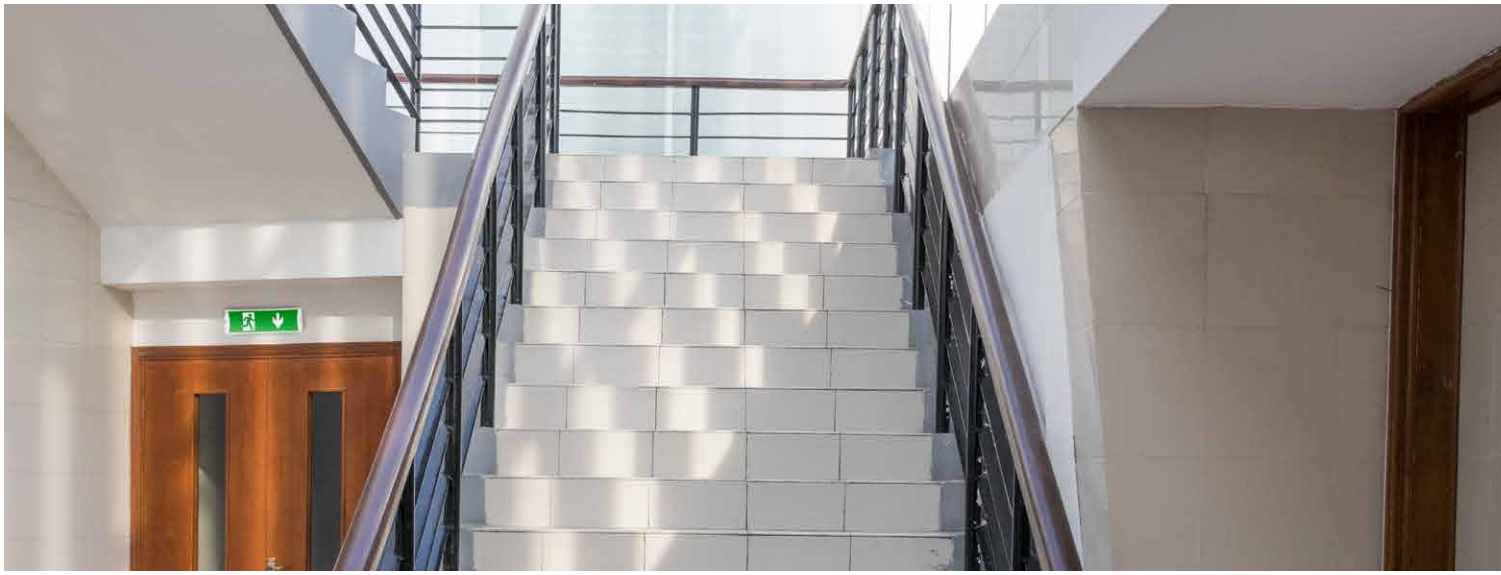
Emergency

IP65

SMD LED

Optional interchangeable legends
Efficient and reliable LED light source
Suitable for ceiling or wall mount
Various technology options available

CE RoHS



Introduction

This LED emergency bulkhead is controlled by smart IC, with self-test function. It has two different output which is adjustable at field. Left, right, up, down direction arrow pictogram legend is optional. Using the simple line and elegant element, it has the ability to transcend ordinary design,as well as product quality.

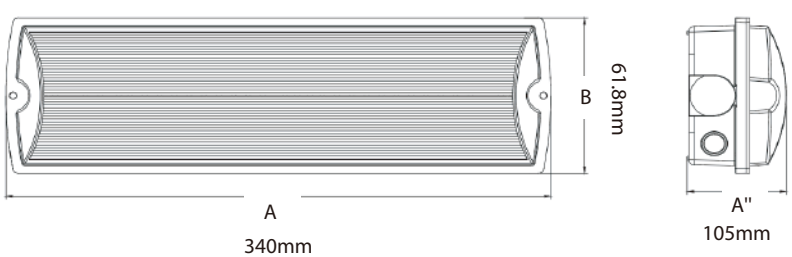
Features

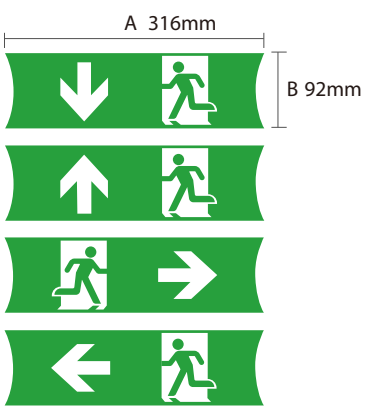
1. Optional interchangeable legends.
2. IP65 waterproof rated.
3. Suitable for wall/& ceiling mount
4. LiFePO4 battery, long life time.
5. High power & efficiency LED.

Application Areas

It is designed for emergency lighting applications in office, supermarket, shop, school, hotel, etc. It is also widely used for public areas,such as stairway,lobby,reception,corridors etc.

Product Dimension





Measurement

Model	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN
	N.W/PC	G.W/PC	N.W/CTN	G.W/CTN		
600-021	0.6	0.7	7	9	36.5*35*24	10pcs

Technical Data Sheet

Model No.		600-021
Power Consumption Watt		3W
Rated Input Voltage(V)		AC230V
Input Voltage(V)		AC220-240V
LED		SMD 2835
CCT(K)		5000K
"Luminous Flux (lm) ±10%"	Non-DIM	200lm
CRI		>70
LED Driver		Built-in
Protection Class		Class Ⅱ
IP Rating		IP65
IK Rating		–
Finishing color		White
Material		PC
Glow wire test (°C)		COVER:850 ˚C / LENS:650 ˚C
Operating Temp.(°C)		0 ˚C ~45 ˚C
Storage Temp.(°C)		0 ˚C ~65 ˚C

Driver Datasheet

Power Consumption	3W Max
Rated Input Voltage(V)	AC230V
Frequency	50/60Hz
Input Voltage	AC220-240V
Efficiency	≥65%
Total load wattage	2W Max
Power Factor	≥0.3
Rated Input Current	≤0.08A
Full load output voltage	DC12V
Rated output curent	200mA
Output current range	200mA±10%
Power tolerance	10%
Current output tolerance	10%
Short circuit protection	PASS
Over voltage protection	PASS
Over temperature protection	PASS
THD	–
Surge	0.5KV
Withstand voltage	AC3750V

Instructions for automatic test option

1.Once the unit is powered up it will automaticlly initiate a self test and diagnostics as follows:

- Every 4 seconds: Checks for battery disconnection,charger board fault,lamp fault and transfer fault.
- Every month: Performs a 3 minute duration test.
- Every year: Performs a 1 Hour or 3 Hours duration test.

All test functions are factory preset and do not need field adjustment.

2.Dual Colour Indicator LED Status Meanings

- Green Solid On Ready/Normal Operation
- Red Requires Service

•	One flashes, 4 second pause	Battery not connected
••	Two flashes, 4 second pause	Battery short or low battery voltage
•••	Three flashes, 4 second pause	Charger board fault
••••	Four flashes, 4 second pause	AC/DC transfer fault
•••••	Five flashes, 4 second pause	LED lamp fault

NOTE:After repairing a service fault,press and hold the test button for 2 seconds to reset the flashing indicator light to green.

3.Manual Testing

Press test button once	30 second duration test
Press test button twice within 2 seconds	3 minute duration test
Press test button 3 times within 2 seconds	30 minutes duration test
Press test button 4 times within 2 seconds	1 or 3 hours duration test