

TRONIX

guided by light

SPECIFICATION



LED Emergency Light IP65

600-035 & 600-036

CB

CE

RoHS

Introduction



◀ This LED Emergency light is controlled by smart IC, with self-test function Twin spot design It is All In One type with open area lens, wall and ceiling mounting way. Using the simple line and elegant element. It has the ability to transcend ordinary design, as well as product quality.

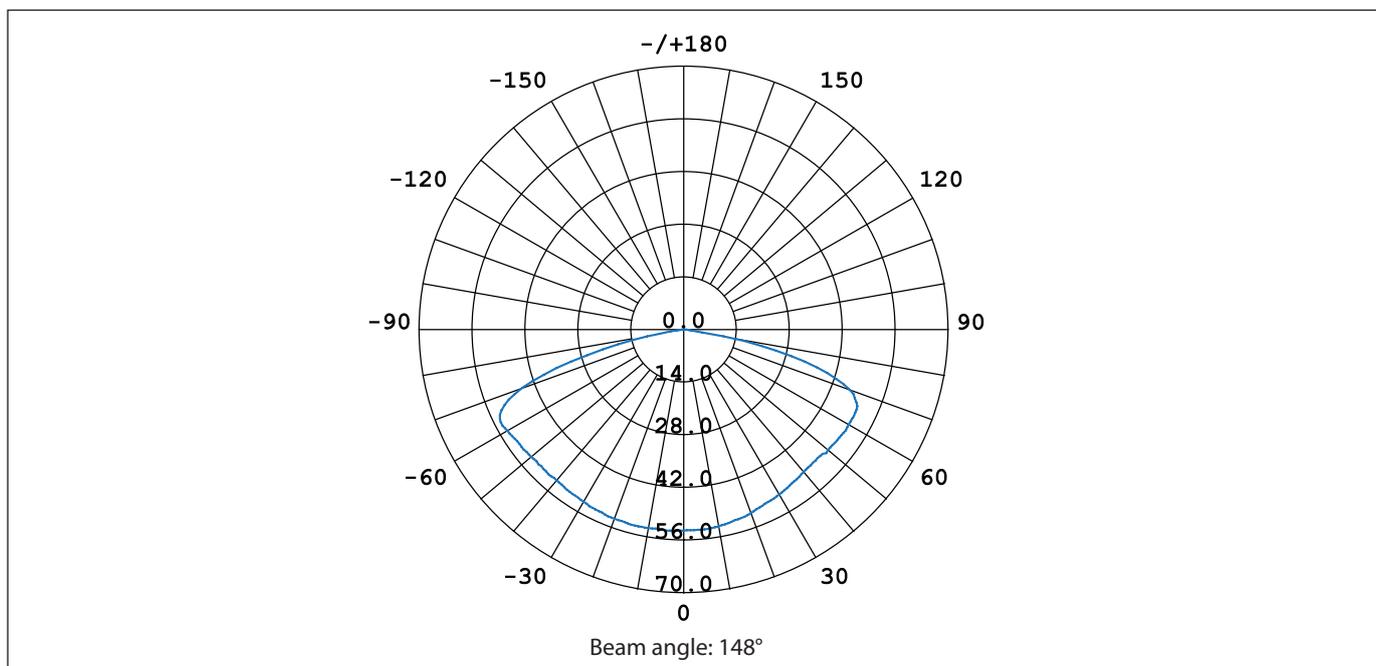
Features

1. Two adjustable LED lamp heads.
2. Self-contained for 3 hours emergency backup.
3. LED indicator light and test switch.
4. IP65 Rating

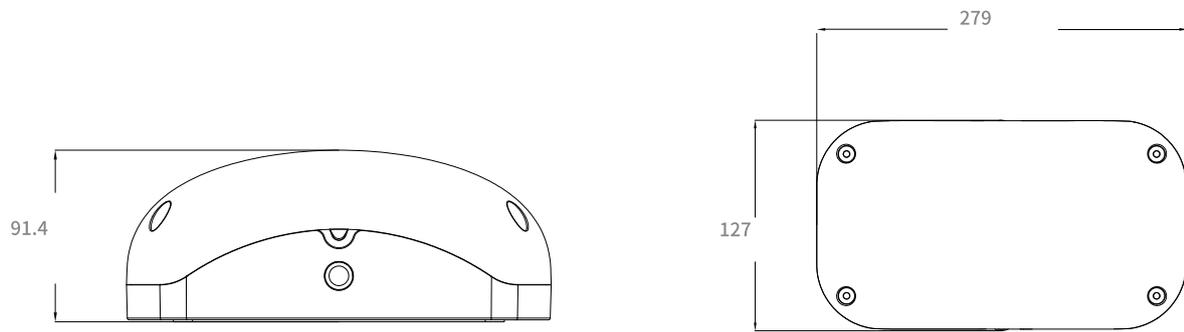
Application Areas

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.

Beam Angle



Product size



Measurement

Model	Product Weight (Kg)		Carton Size(cm)
	N.W/PC	G.W/PC	
600-035 600-036	0.68	0.76	23*13.5*13,5

Technical Data Sheet

Model No.	600-035 600-036	
Watt(W)	4W	
Rated Input Voltage(V)	AC230V	
Input Voltage(V)	AC200-240V	
LED	Samsung LED 3535	
CCT(K)	5000K	
"Luminous Flux (lm) ±10%"	Non-DIM	400lm(3H)
CRI	>70	
LED Driver	Internal	
Protection Class	Class II	
IP Rating	IP65	
IK Rating	IK02	
Finishing color	White RAL 9016 Black RAL 9005	
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	4W
Rated Input Voltage(V)	AC230V
Frequency	50/60Hz
Input Voltage	AC220-240V
Efficiency	≥80%
Total load wattage	4W±0.3W
Power Factor	≥0.3
Rated Input Current	≤0.07A
Full load output voltage	DC2.8-3.2V
Rated output current	980mA
Output current range	980mA±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 automatically initiate a self test and diagnostics as follows:
 2. Every 4 seconds: Checks for battery disconnection, charger board fault, lamp fault and transfer fault.
 3. Every month: Performs a 3 minutes duration test.
 4. Every year: Performs a 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

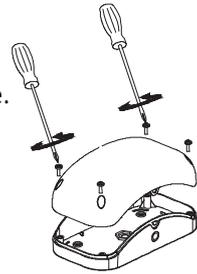
Press test button once	30 second duration test
Press test button twice within 2 seconds	3 minute duration test
Press test button 3 times within 2 seconds	30 minutes duration test
Press test button 4 times within 2 seconds	3 hours duration test
Press test button 5 times within 2 seconds, if red indicator blink 3 / 2 / 1 times	3 / 2 / 1 days decrease of every year auto test
Press test button 5 times within 2 seconds, if green indicator blink 3 / 2 / 1 times	3 / 2 / 1 days increase of every year auto test

Installation Procedure

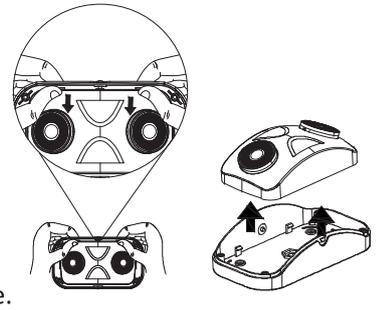
INSTALLATION AND OPERATION INSTRUCTIONS

SURFACE MOUNTING INSTRUCTION

- ① Loosen the 4 screws on the upper cover of the waterproof enclosure. Pay attention to keep the screw rubber gaskets together with the 4 screws.

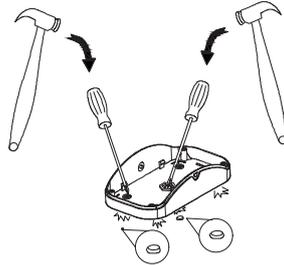


- ② Push the fixture to the reverse direction of the test button with your thumbs and lose the fixture from the waterproof enclosure.

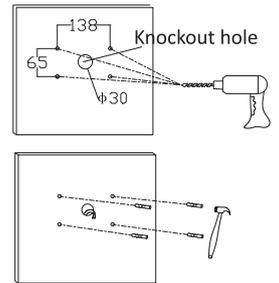


Take off the fixture from the waterproof enclosure.

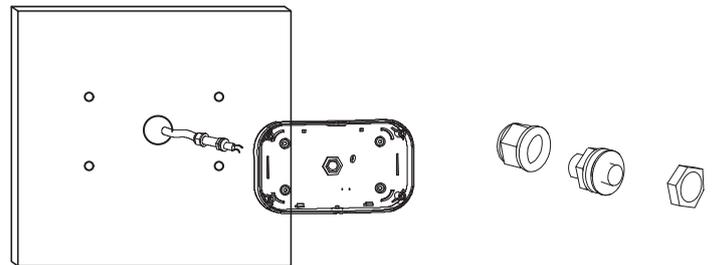
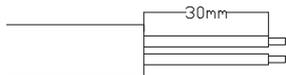
- ③ Knock out 4 screw mounting holes on bottom and 1 power feeding hole on the bottom or upper side of the waterproof enclosure.



- ④ Drill holes on the mounting surface according to actual mounting way (Open a 30mm power feeding hole for ceiling mounting) and lock anchor nuts (provided) to the screw holes.

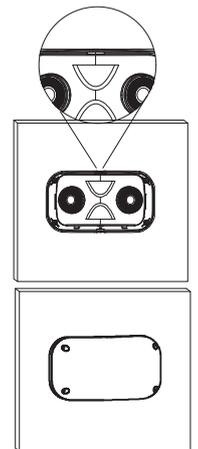


- ⑤ Feed the power wire through cable gland (provided) to the feeding hole and tighten it paying attention to leave cable length at least 30mm for power feeding.



- ⑥ Lock the waterproof enclosure to the mounting surface using the 4 screws and screw rubber gaskets (provided).

- ⑦ Fix the fixture back to the mounting base of the waterproof enclosure by aligning the upper side feeding holes (on the fixture and the mounting base) and sliding the fixture to the two clips at the test button side.



Close the upper cover using the 4 screws and screw rubber gaskets loose in step 1 and finished installation.

Connect the AC wire to the power supply wires using the wire nuts provided. Connect the white wire to the neutral and black wire to the hot lead.

AC INPUT

