



INSTALLATION AND OPERATING INSTRUCTIONS

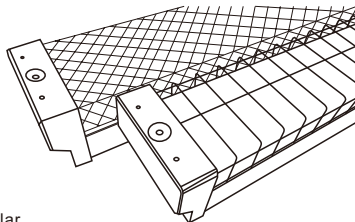
LED Emergency Batten (SP210PS/WG-EM & SP220PS/WG-EM)

APPLICATION

During Normal operating conditions, the LED Emergency Batten should be connected to a Permanent Active Circuit (not a switched active circuit). When mains power supply is available, AC provides power and charges the built-in rechargeable batteries. The LED Chip is always "unlit." The LED Chip will only "light up" when there is a cut to the mains power supply.

TECHNICAL DATA

1. Input voltage: 220-240V, 50Hz
2. AC Power consumption: 2*9w or 2*18w
3. Charge time: 16 Hours
4. Emergency time: 2 Hours
5. Function: Manual Test Switch & LED Indicator
6. Working temperature: 0°C to 40°C
7. Battery: NI-MH Battery
8. Mounting: Ceiling Mount / Wall Mount
9. Material: Metal+Plastic
10. Classification: C0:D25 C90:D25
11. Size: 637(1247)*120*88mm



Series product appearance unified. The functions of each MODEL is similar. Please refer to the following table.

PLUG IN BATTERY BEFORE CONNECTING 240V POWER SUPPLY

TECHNICAL INFORMATION

Model No.	Classification	Charging mode	Input Voltage	Charge Time	Discharge Time	Operation	Emergency Mode Battery	DC Power	Output lumen
SP210PSEM	D25	2*9W	220-240V 50/60Hz	16 Hours	2 Hours	Maintained	NI-MH, 4.8V 1.8Ah	1.7W	140lm
SP210WGEM	D25	2*9W	220-240V 50/60Hz	16 Hours	2 Hours	Maintained	NI-MH, 4.8V 1.8Ah	1.7W	140lm
SP220PSEM	D25	2*18W	220-240V 50/60Hz	16 Hours	2 Hours	Maintained	NI-MH, 4.8V 1.8Ah	1.7W	140lm
SP220WGEM	D25	2*18W	220-240V 50/60Hz	16 Hours	2 Hours	Maintained	NI-MH, 4.8V 1.8Ah	1.7W	140lm

SAFETY

This is a mains powered product. Before Installation or maintenance, please make sure power supply is isolated. If the external flexible cable of this luminaire is damaged, it should be only be replaced by a licensed electrician or equivalent qualified person to avoid any safety hazards. This luminaire is intended only for mounting in locations where the plug and sockets are protected from unauthorised disconnections.

NOTE: THE BATTENS ARE NOT SUITABLE FOR DIMMING.

PRECAUTIONS

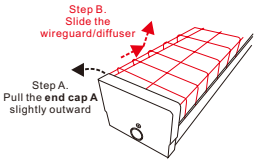
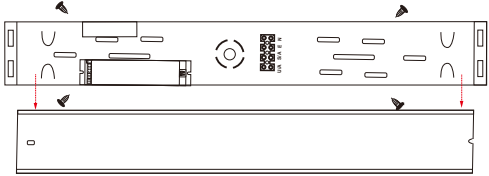
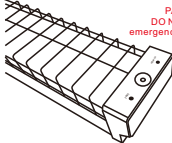
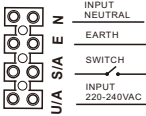
This product must be only installed by a Licensed Electrician. Please make sure the mains power supply is isolated before commencing installation. Check the unit labels for correct supply voltage and frequency.

TESTING PRECAUTIONS

When this fitting is permanently connected to the mains power supply you will need to charge the battery for 24 Hours. Once the battery is full-charged, you will need to conduct a manual discharge test as per the requirement of AS/NZS 2293. At the time of printing, the standard requires that new fittings operate in emergency mode for at least 2 Hours for their first discharge test.

Further tests are to be carried out at intervals of not more than 6 Months. It is important that you keep records of the initial test and ongoing tests in the building's emergency service log book. If the fitting is not to be permanently connected to the mains supply at the time of installation, you must give it the mandatory 2 Hours test when you connect it permanently to the mains supply.

INSTALLATION INSTRUCTIONS

 <p>Step B. Slide the wireguard/diffuser</p> <p>Step A. Pull the end cap A slightly outward</p>	
 <p>PAY ATTENTION: DO NOT OPEN from the emergency light side (end cap B).</p>	<p>Electrical Connection & specification:</p> 

If you have installed and connected the fitting as per the instruction contained within this manual and the light fails to work properly, please use the following table as guide to fixing the problem.

FAULT	POSSIBLE CAUSES
Red LED is not lit	<ul style="list-style-type: none"> AC Supply is not connected AC Supply turned off Battery plug not connected to battery pack
Red LED is lit but the lamp does not light when the test switch is pressed.	<ul style="list-style-type: none"> Lamp is damaged Lamp is not inserted properly Battery pack is damaged
Lamp lights, but only temporarily, when test switch is pressed or when main power supply is turned off.	<ul style="list-style-type: none"> Battery pack not fully charged Battery pack is damaged

Test Switch

A Test Switch is provided to simulate a supply circuit failure. Press and Hold the test switch, the LED Chip will "Light up" in Emergency Mode, After Releasing the Test Switch, the LED Chip will become "unlit" (back to normal)

MAINTENANCE

WARNING: Care should be taken when replacing the battery, because this lamp is powered by a battery and an operated inverter when disconnected from the mains supply.

REPLACING THE BATTERY

Access the battery by removing the product cover. Disconnect and remove battery. Replace battery as was previously installed. Battery can be connected in one direction only. Do not force. Allow a minimum 24 Hours charging time before carrying out any discharge tests as per the requirement in AS/NZS 2293.

BATTERY LIFE

The designed lifespan of the battery of the battery installed in this product is 2 Years, the battery should be replaced after this time. To maintain the economical life of this product it is required that the battery be discharged and replaced at least once every 6 Months. The battery life can be reduced if the battery is not discharged in accordance with requirements of AS 2293.

Regularly discharging/cutting mains power i.e. During Construction Stage, will SIGNIFICANTLY shorten the battery's lifespan and damage the battery. Product failure as a result from this practice is strictly NOT COVERED UNDER WARRANTY AND WILL AUTOMATICALLY VOID PRODUCT WARRANTY.

