

Testing Instructions

- Emergency light fittings must be inspected and tested regularly in accordance with local codes of practice. For safety reasons, tests should be carried out during daylight hours.
 - The minimum recommended test schedule is as follows:
After installation, allow minimum 24 hours to ensure full battery charge.
Then interrupt the supply and check after 3 hours that the fitting is still illuminated.
- Daily check that the charge indicator LED is working
 - Every month, interrupt mains (by pressing red switch on underside of fitting) for a short period and check that fitting lights
 - Six-monthly, check 1 hour duration
 - At the end of year 3 and subsequently every year, check 3 hour duration. Replace batteries when they can no longer support 3 hour duration.
 - Complete the record sheet on installation and retain in a maintenance file
 - Update the file with ongoing test records for inspection by a fire officer or other duly authorised person.

INSTALLATION & MAINTENANCE RECORD

INSTALLER:	LOCATION: TYPE:	INSTALLATION TEST DURATION DATE:
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Month	Test	1st Year		2nd Year		3rd Year		4th Year		5th Year	
		signed	date	signed	date	signed	date	signed	date	signed	date
1	short										
2	short										
3	short										
4	short										
5	short										
6	short										
7	short										
8	short										
9	short										
10	short										
11	1hr							■	■	■	■
12	3hr	■	■	■	■	■	■				



INSTALLATION & SAFETY INSTRUCTIONS



MODEL: EXHGWS

**THESE INSTRUCTIONS ARE FOR GENERAL GUIDANCE ONLY
READ THESE INSTRUCTIONS FULLY BEFORE USING THE FITTING
RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE**

FITTING MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN

GENERAL SAFETY INSTRUCTIONS

- Ensure mains power is disconnected & switched off when installing the fitting.
- Never look directly into the LED light source. The light emitted can contain the colour blue.
- To clean: Ensure that the fitting is disconnected from the mains and cannot be unintentionally reconnected.
- Place only upon level and stable surfaces.
- Do not use in areas in which there is a danger of explosion.
- Do not use near flammable materials.
- Do not place in water or other liquids.
- Never operate with wet hands.
- Never cover the equipment.
- Never operate when the casing is open, or when the wiring casing is missing or damaged.
- Never spray this unit, and never attempt to clean it with a steam pressure cleaner as this can damage the insulation and seals.
- Never attempt to repair this unit yourself. Repairs should only be carried out by a qualified electrician.
- If the supply cable is damaged, stop using the unit immediately & consult a qualified electrician.
- If casing is broken, stop using the unit immediately & consult a qualified electrician.

Manufacturer

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 Please contact us if you any questions or queries regarding the product

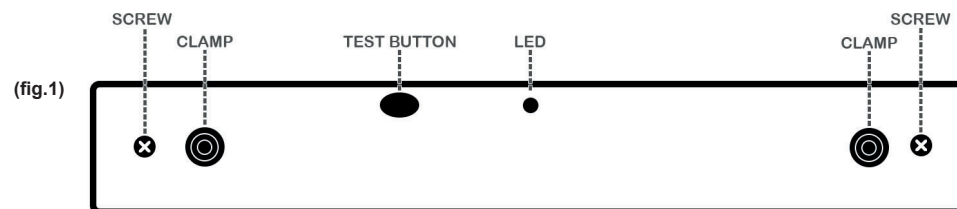


EXSUR	
Wattage	4W
Lumens	90 lm
LED Life	30,000 hrs
LED Colour Temp	6000K
Voltage	220-240V AC
Operating Temp	0° C to +40° C
CRI	>85
IP Rating	IP20
Battery run time	>3 hours
Viewing Distance	30m
Construction	Polycarbonate
HxWxD Enclosure	34mm x 290mm x 43mm
HxWxD Sign	185mm x 320mm x 13mm
Drop	255mm - 510mm
Guarantee	3 Years (2 Years on Battery)

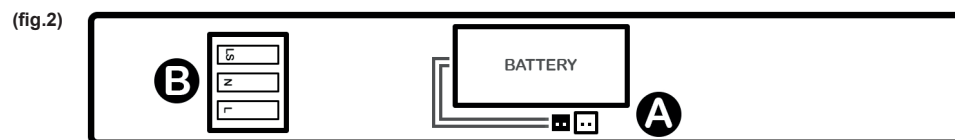


Installation Instructions

1. Ensure that the electrical supply is switched OFF before working on this fitting.
2. Remove and reuse the plugs provided to secure the preferred legend sheet to either or both sides of the sign.
3. Remove the two screws on the underside of the power enclosure (**fig.1**) then remove the top cover.



4. Using the top cover as a template, mark the mounting holes on the ceiling. Drill out and insert the plugs.
5. Feed the appropriate cable through the cable entry hole in the top cover.
6. Secure the top cover to the ceiling using the appropriate fixings.
7. Connect the battery to the inverter via the plug and socket provided. (**fig.2**) **A**



8. For non-maintained operation, remove the link cable between the 'L' and 'LS' terminals. Connect the live (brown) supply to the 'L' terminal and the neutral (blue) supply to 'N' terminal. (**fig.2**) **B**
9. For maintained operation, keep the link cable between the 'L' and 'LS' terminals in place. Connect the live (brown) supply to the 'L' terminal and the neutral (blue) supply to 'N' terminal. (**fig.2**) **B**
10. Adjust the length of the suspension wire by compressing the clamp below the power enclosure then pulling the suspension wire from either side.
11. Refit the enclosure to the top cover using the original screws provided.
12. Switch on the power supply and ensure the LED indicator is illuminated green to indicate charging. If it is not illuminated green, there may be a battery fault.

Note: The test button can be used to simulate a power failure and test the battery operation.

General Recommendations

- Installation should be carried out in accordance with the latest IEE (BS7671) Regulations & the latest Buildings Regulations. Please consult a qualified electrician.
- Guidance on the installation of Emergency lighting is available from the BSI, regulation: BS 5266-1:2016.
- Please ensure the mains supply is switched OFF before installing and working on this fitting.
- This unit is Class II rated and does not require an earth connection.
- Not suitable for use with dimmers.
- The fitting is suitable for use in ambient temperatures of 0 to +40 degrees C. If the fitting is installed in locations where the temperature may vary beyond these temperatures or reach these limits for prolonged periods, the battery life may be shortened and should be tested more regularly.
- This fitting is for use indoors only.
- High voltage insulation test equipment must not be used on this fitting and may cause irreparable damage.
- It is recommended that 100mm of air space is left around the unit.
- This unit has no replaceable parts.
- The battery must be charged for 24 hours before the fitting can be commissioned.

Warning

This luminaire **MUST** be disconnected before it is installed, subjected to any high voltage or subjected to insulation resistance testing. Otherwise irreparable damage will occur to luminaire components.

Cleaning

Before cleaning the fitting, disconnect the power cable and allow the fitting to cool down sufficiently. Clean with a dry or slightly moist, clean, lint-free cloth and a mild detergent if required. Do not use cleaners that contain abrasives or solvents.

Maintenance

- Check power cable and housing of the fitting for damage before use. If the diffuser is damaged, unit must be replaced immediately.
- Clean any dirt from the housing or the diffuser immediately, it could potentially cause overheating.



Correct Disposal of this product

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return & collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling. Alternatively, contact your local authority or waste controller.