

INSTALLATION & SAFETY INSTRUCTIONS



MODEL: BHMWEM18

These instructions are for guidance only
Read these instructions fully before using the fitting.
Retain these instructions for future reference.

LIGHT 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, or when the protective screen is defective.
- 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 diffuser is broken, stop using the unit immediately & consult a qualified electrician.

Manufacturer

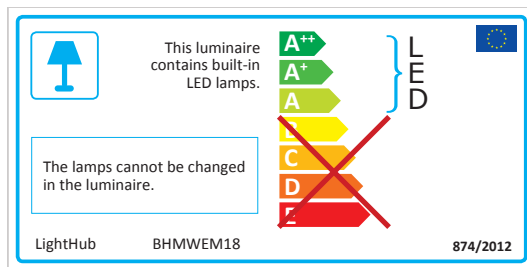
HUB UK Group Ltd
Keepers
West Park Road
Newchapel
Surrey
RH7 6HT

Email: help@lighthouse-direct.com
Tel: +44 (0)330 133 1311

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



BHMWEM18	
Wattage	18W
Lumens	1600 lm
LED Life	35,000 hrs
LED Colour Temp	3000K/4000K/6500K SELECTABLE
Voltage	200-240V AC 50/60Hz
Operating Temp	-20°C to +40°C
CRI	>80
IP Rating	IP65
Dimmable	No
Battery Run Time	>3hrs
H x W x D	300 x 300 x 92mm
Guarantee	3 Years
Class	II



Recommendations

- Installation should be carried out in accordance with the latest IEE (BS7671) Regulations & the latest Buildings Regulations. Please consult a qualified electrician.
- Please ensure the mains supply is switched OFF before installing and working on this fitting.
- This unit is Class II rated and earth is not required.
- To maintain the IP rating of the unit, a suitable gland should be used for the cable entry and/or fire retardant silicon sealant should be used to effectively seal the hole.
- Not suitable for use with dimmers.
- The fitting is suitable for use in ambient temperatures of -20 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.
- High voltage insulation test equipment must not be used on this fitting and may cause irreparable damage.
- This unit has no replaceable parts.

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 and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

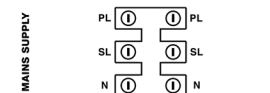


Installation Instructions

1. Ensure the electrical supply is switched OFF before working on this fitting.
2. Remove the diffuser from the base by removing the four screws around the top of it.
3. Select a suitable cable entry point either on the base or the 20mm knockout points on the side of the fitting.
4. Position and fix the base to suitable solid surface using the fixings provided.
5. Feed the supply cable into the luminaire through the cable entry hole, using the provided grommet to retain the IP rating of the fitting. If you have cut your own hole, a suitable grommet or gland should be fitted, or conduit can be run to the fitting.
6. Terminate the cable into the push-fit terminal block. Make sure the cables are pushed in far enough to make good connection and can not be pulled back out. Ensure the correct polarity is observed:
7. **Non-Maintained Operation:** The fitting is supplied with a permanent live feed, but not switched. A green LED will illuminate to show power is present and the battery is charging. During a power failure, the fitting will automatically switch to battery power and illuminate for at least 3 hours to enable safe evacuation of the property.

Permanent Live - (PL) Brown

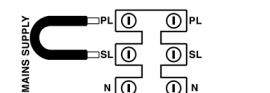
Neutral - (N) Blue



8. **Maintained Operation:** The fitting is used as a normal light and is switched or permanently on. To use as a normal switched light, connect a Permanent Live feed and the switch to the Switched Live terminal. For an unswitched circuit, connect the Permanent Live and insert the supplied loop between PL and Switched Live. In the event of a power failure, the fitting fails over to the battery pack.

Permanent Live - (PL) Brown & Insert a Loop to Switched Live (SL).

Neutral - (N) Blue



9. Set the required colour temperature of the LEDs using the switch located on the LED Driver inside the fitting.

SYMBOL	COLOUR
DL	DAYLIGHT - 6500K
CW	COOL WHITE - 4000K
WW	WARM WHITE - 3000K

10. Set the settings for the Microwave sensor using the DIP switches mounted on the sensor:
 - Detection Area - Adjusts the range of the sensor between 8-12m.
 - On Time - How long the light will stay on for once activated. Use the 5s setting during setup.
 - Daylight Settings - Darkness level at which sensor becomes active.

DETECTION AREA				ON TIME				DAYLIGHT SETTINGS			
1	2	3		4	5	6		7	8	9	
ON	ON	ON	100%	ON	ON	ON	5 s	ON	ON	ON	2 lux
-	ON	ON	75%	-	ON	ON	30 s	ON	ON	-	10 lux
ON	-	ON	50%	ON	-	ON	90 s	-	ON	-	25 lux
-	-	ON	25%	-	-	ON	3 min	ON	-	-	50 lux
-	-	-	10%	ON	ON	-	20 min	-	-	-	Disabled
				-	-	-	30 min				

11. Switch on the power supply and test for correct operation. Adjust the settings to suit your requirements.
12. Re-fit the diffuser by placing over the base and replacing the screws.

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.