

# Batten LED Fittings

## Installation Instructions

### p.1



For models: BF210W-1, BF420W-1, BF440W-1, BF440WE-1, BF530W-1, BF550W-1, BF550WE-1, BF630W-1, BF660W-1, BF660WE-1

**This installation must be carried out by a qualified electrician.**

**Please read these instructions carefully before installation.**

**Leave a copy for the user/maintenance engineer for future reference.**

### Specification

- 220-240V
- 10-60W 2835 SMD LED
- 4100K Colour temperature
- 900-5800 Lumen output
- 50,000 Hours life expectancy
- 3 Year guarantee
- >80 CRI

### Before Installation

- This fitting must be installed by a qualified electrician in accordance with the Building and IEE Wiring Regulations.
- It is your responsibility to ensure that the product is fit for purpose for which you have intended it.
- Red Arrow Trading cannot accept any liability for loss, damage or premature failure resulting from inappropriate use.
- This product is designed and constructed according to the principles of the appropriate British Standard and is intended for normal domestic use. Use of this fitting in any other environments for example; where prolonged periods of use or higher than normal ambient temperatures, may result in a shortened working life.
- Switch off the mains before commencing installation and remove the appropriate circuit fuse or lock off MCB.
- Suitable for indoor use only.
- This product is only suitable for use in living areas (not for areas constantly subject to moisture.)
- We do not recommend fitting this light in bathrooms.

- This product is suitable for installation on surfaces with normal flammability e.g. wood, plasterboard, masonry. It is not suitable for use on highly flammable surfaces (e.g. polystyrene, textiles).
- Before making fixing hole(s), check that there are no hazards hidden beneath the mounting surface such as pipes or cables.
- The chosen location of your new fitting should allow for the product to be securely mounted (e.g. to a ceiling joist) and safely connected to the mains supply (lighting circuit).
- Do not attach to surfaces which are damp or freshly painted.
- Make connections to the electrical supply in accordance with the following code:  
Live = Brown  
Neutral = Blue  
Earth = Green and Yellow
- Clean this light fitting only with a soft dry cloth, do not use any chemical or abrasive cleaners.

### Installation

1. Remove the diffuser, if fitted, by removing the plastic cap from one end, lifting off the end cap and lifting the diffuser off the fitting.
2. Loosen and remove the screws that secure the reflector plate on the front of the fitting and lift off the reflector plate.
3. Thread the supply cable through the grommetted hole in the back of the fitting.
4. Secure the fitting using suitable fixings. Slots are provided in the back of the fitting through which to insert screws. Ensure that cables are not trapped behind or inside the fitting.
5. Make the connections of the supply cable to the terminals inside the fitting the colour coding above.

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6. Replace the reflector plate and tighten the screws. Ensure that the reflector plate is the right way up or the diffuser (if fitted) will not fit.
7. Replace the diffuser, and clip the caps back onto the fitting.
8. Restore the power and switch on.

### Lamp Replacement

LED lamps are not replaceable and should last the life time of the fitting.

EVENTUALLY, YOU MAY WANT TO REPLACE THIS PRODUCT:

Regulations require the recycling of Waste from Electrical and Electronic Equipment (European "WEEE Directive" effective August 2005 - UK WEEE Regulations effective 2nd January 2007). Environment Agency Registered Producer: WEE/ GA0248QZ. WHEN YOUR PRODUCT COMES TO THE END OF ITS LIFE OR YOU CHOOSE TO REPLACE IT, PLEASE RECYCLE IT WHERE FACILITIES EXIST - DO NOT DISPOSE WITH HOUSEHOLD WASTE.

### Testing

- The emergency light must be tested and inspected regularly in accordance with local codes of practice.

NOTE: For safety reasons tests should be carried out during daylight hours.

The minimum recommended test schedule is as follows:

After installation, allow 36 hours to ensure full battery charge, and then interrupt the supply; check after three hours that the tube is still illuminated.

1. Daily check that the charge indicator LED is working.
2. Monthly, interrupt power supply for a short period and check tube lights.
3. Six monthly, check 1 hour duration.
4. At end of 3rd year, and annually thereafter, check three hour duration: batteries must be replaced when they can no longer support three hour operation.
5. Complete record sheet on installation and retain in maintenance file.
6. Update file with ongoing test records for inspection by fire officer or other authorised person.

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Month	Test	Year 1		Year 2		Year 3		Year 4		Year 5	
		signed	date	signed	date	signed	date	signed	date	signed	date
1	Functional										
2	Functional										
3	Functional										
4	Functional										
5	Functional										
6	1 hour										
7	Functional										
8	Functional										
9	Functional										
10	Functional										
11	Functional										
12	1 hour										
	3 hour										

## Guarantee

This product is guaranteed for a period of three years from the date of purchase. The guarantee is invalid in the case of improper use, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). The guarantee is also invalidated if the luminaire has been Mega tested. Should this product fail during the guarantee period it will be replaced free of charge, subject to correct installation and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. We reserve the right to alter specifications without prior notice. We reserve the right to alter specifications without prior notice.



**RoHS**



Product complies with all relevant European standards

