



LED BATTEN FITTING

FOR MODELS: BF210W-1, BF420W-1, BF440W-1, BF440WE-1, BF530W-1, BF550W-1, BF550WE-1, BF630W-1, BF660W-1 & BF660WE-1

INTRODUCTION

The LED Batten fitting is suitable for the replacement of a fluorescent fitting or for an economical LED lighting solution for corridors and larger spaces.



SPECIFICATION

 LED		 220-240V	 4100K	>80 Ra icon" data-bbox="508 326 577 374"/> >80 Ra
 1000-6000lm	 IP40	 IK03/IK07*	 50/60Hz	

* The polycarbonate diffuser is rated IK03, the metal body is rated IK07.

• Dimensions:

- 2 Ft 10W: L: 620 x W: 69 x D: 82mm
- 4 Ft 19W: L: 1230 x W: 69 x D: 82mm
- 4 Ft 37W: L: 1230 x W: 109 x D: 82mm
- 5 Ft 24W: L: 1530 x W: 69 x D: 82mm
- 5 Ft 46W: L: 1530 x W: 109 x D: 82mm
- 6 Ft 28W: L: 1795 x W: 69 x D: 82mm
- 6 Ft 56W: L: 1795 x W: 109 x D: 82mm

Automatic Circuit Breaker Type	C10	C13	C16	C20
Cable (mm ²)	1.5	1.5	1.5	2.5
BF210W-1	114	149	183	229
BF420W-1	57	74	91	114
BF440W-1	59	76	94	118
BF440WE-1	56	73	89	112
BF530W-1	87	114	140	175
BF550W-1	47	61	75	94
BF550WE-1	45	59	72	90
BF630W-1	78	101	125	156
BF660W-1	39	50	62	78
BF660WE-1	37	49	60	75



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- LED: 2835 SMD LED
- Working Temperature: -15°C - 45°C

BOX CONTENTS

- 1 x LED Batten fitting

SAFETY WARNING

- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk.
- Ensure that the circuit supply is isolated either by the circuit supply fuse being removed or the applicable circuit breaker being turned off before installation or any maintenance.
- Check the total load on the circuit including the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- If the fitting incorporates control gear, ensure careful sizing to avoid instances of nuisance tripping of the protective device used in the installation.
- Follow the provided installation instructions, using the fixings supplied or recommended.

INSTALLATION INSTRUCTIONS

- Suitable for indoor use only - refer to the IP rating.
 - This product is suitable for installation on surfaces with normal flammability e.g. wood, plasterboard, masonry.
 - This product is not suitable for use on highly flammable surfaces e.g. polystyrene, textiles etc.
1. Remove the appropriate circuit fuse or lock off the MCB.
 2. Before making any fixing hole(s), check that there are no hazards hidden beneath the mounting surface, such as pipes or cables.
 3. The chosen location of the new fitting should allow for the fitting to be securely mounted (e.g. to a ceiling joist) and safely connected to the mains supply (lighting circuit).
 4. Do not attach the fitting to surfaces which are damp or freshly painted.
 5. Connect to the electrical supply in accordance with the following code:
Live = Brown, Neutral = Blue, Earth = Green and Yellow.
 6. 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.
 7. Loosen and remove the screws that secure the reflector plate on the front of the fitting and lift off the reflector plate.
 8. Thread the supply cable through the grommetted hole in the back of the fitting.



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9. Secure the fitting using suitable fixings. Slots are provided in the back of the fitting to insert the screws into.
10. Ensure that the cables are not trapped behind or inside the fitting.
11. Connect the supply cable to the terminals inside the fitting according to the colour coding above.
12. Replace the reflector plate and tighten the screws. Ensure that the reflector plate is the right way up or the diffuser will not fit.
13. Replace the diffuser, and clip the caps back onto the fitting.
14. Restore the power and switch on.

TESTING FOR EMERGENCY LED BATTEN FITTINGS

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 3 hours that the tube is still illuminated.

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



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INSTALLATION INSTRUCTIONS

TESTING FOR EMERGENCY LED BATTEN FITTINGS

Product Type: Product Location:

MONTH	TEST	FIRST YEAR		SECOND YEAR		THIRD YEAR		FOURTH YEAR		FIFTH YEAR	
		Signed	Date	Signed	Date	Signed	Date	Signed	Date	Signed	Date
1	FUNCTIONAL										
2	FUNCTIONAL										
3	FUNCTIONAL										
4	FUNCTIONAL										
5	FUNCTIONAL										
6	FUNCTIONAL										
7	FUNCTIONAL										
8	FUNCTIONAL										
9	FUNCTIONAL										
10	FUNCTIONAL										
11	FUNCTIONAL										
12	FUNCTIONAL										

Installed By: Installation Date:

Contact Details:
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MAINTENANCE

- LED strips are not replaceable and should last the lifetime of the fitting.
- When this fitting comes to the end of it's life or you choose to replace it, please do not dispose of it with your normal household waste. Please recycle where the facilities exist, check with your local authority or retailer for suitable options.

ADDITIONAL INFORMATION

- Powder coated finish

GUARANTEE

This product is guaranteed for a period of 5 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. Your statutory rights are not affected. We reserve the right to alter specifications without prior notice.

CE **RoHS**

