

# INSTALLATION INSTRUCTIONS

## PRODUCT: SITE AC FLOODLIGHTS PRODUCT CODES: FLAC50Y, FLAC100Y, FLAC150Y

### INTRODUCTION

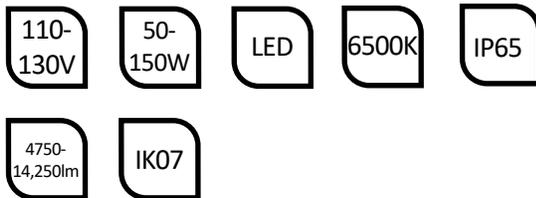
Slimline 110V site lighting floodlights, suitable for any construction or building site application. Manufactured from robust die cast aluminium and fitted with circuit surge protection.



### BOX CONTENTS

1 x Site AC Floodlight

### SPECIFICATION



Dimensions:           FLAC50Y: L: 205 x W: 165 x D: 33mm  
                              FLAC100Y: L: 290 x W: 230 x D: 41mm  
                              FLAC150Y: L: 330 x W: 270 x D: 47mm

Material: Die-Cast Aluminium

Finish: Matt Yellow

Working Temperature: -20°C - 45°C

H05RN-F 1m Cable included

### 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 ensuring the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Long-term use and voltage fluctuations can reduce the life span of the fitting.
- 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.
- Keep out of reach of children.



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1. Ensure there is adequate free air circulation of at least 100mm around the fitting. All fittings run hot. It is the installer's responsibility to consider any fire risk and take appropriate precautions.
2. The nearest illuminated surface must be at least 0.5m from the front of the fitting.
3. Check for concealed cables before drilling any fixing holes.
4. Unscrew the side fixing bolts and remove the mounting bracket from the floodlight.
5. Position and fix the mounting bracket to a suitable solid surface using the appropriate screws and wall plugs, sufficient to support the weight of the floodlight.
6. Replace the main body of the floodlight and secure it to the installed bracket using the side fixing bolts.
7. The floodlight is supplied pre-wired with 1m of cable. The cable should be installed with an adequate 'Drip loop' to prevent ingress of moisture through the cable gland. Care should be taken so that cables are not trapped between the mounting bracket and the floodlight.
8. Connect the floodlight to the mains supply with a suitable junction box enclosure or connection fitting, making sure that any exposed connections and joints are sufficiently weatherproofed.
9. Make the electrical connections as follows, observing the correct polarity:  
LIVE (L)            BROWN to terminal marked L  
NEUTRAL (N)        BLUE to terminal marked N  
EARTH (⏚)         GREEN/YELLOW to terminal marked ⏚  
WARNING - THIS FITTING MUST BE EARTHED
10. Ensure that there are no exposed conductors, loose or trapped cable strands.
11. Switch on the power supply and test the installation for satisfactory operation.

### GUARANTEE

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This product is guaranteed for a period of 2 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 insulation 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.

### MAINTENANCE

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- In order to maintain good even light coverage, the front glass cover should be cleaned regularly, with a clean cloth and water only.
- For optimum performance and heat dissipation, the floodlight housing should also be cleaned regularly, with a clean cloth and water only.
- When this fitting comes to the end of its 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 for suitable options.



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