

INSTALLATION INSTRUCTIONS

LED Commando Dimmable High Bays

Product Codes: **COMHB100BD-2, COMHB150BD-2, COMHB200BD-2, COMHB240BD-3, COMHB100BD-40, COMHB150BD-40, COMHB200BD-40, COMHB240BD-40**

Safety Warning



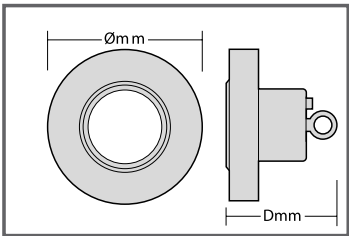
- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control 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.



Specification

Box Contents -
1 x LED Commando Dimmable High Bay

| | |
|-----------------------------|---|
| Dimensions: | 100W/150W: Ø: 252 x D: 200mm 200W/240W: Ø: 295 x D: 212mm |
| Material: | Aluminium |
| Working Temperature: | -30°C - 50°C |
| Included: | 1 x Locking Washer, 1 x Safety Rope, 1 x Suspension Eye, 1 x Washer & 2 x Screws |

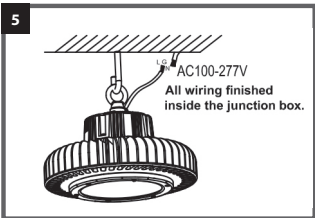
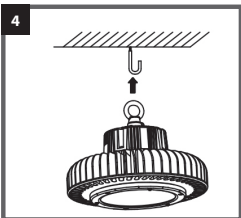


Maximum Fittings Per Circuit

| Automatic Circuit Breaker Type: | B6 | B10 | B13 | B16 | B20 | C10 | C13 | C16 | C20 |
|---------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Rated Current: | 6A | 10A | 13A | 16A | 20A | 10A | 13A | 16A | 20A |
| Cable (mm): | 1.5 | 1.5 | 1.5 | 1.5 | 2.5 | 1.5 | 1.5 | 1.5 | 2.5 |
| 100W: | 2 | 3 | 3 | 4 | 5 | 5 | 6 | 8 | 10 |
| 150W: | 1 | 2 | 3 | 4 | 5 | 4 | 5 | 7 | 8 |
| 200W: | 1 | 2 | 3 | 4 | 5 | 4 | 5 | 7 | 8 |
| 240W: | 0 | 1 | 1 | 2 | 3 | 2 | 2 | 3 | 4 |

Installation Instructions

- Before installation, please check if the local voltage range corresponds with the working voltage of the fixture.
- Please install the fitting where there are no risks of fire or electric shocks or near vibrating objects / surfaces.
- Drill a hole in the ceiling and install a hook.
- Hang the fixture (see diagram below).
- Connect the cables as follow
Brown - L
Blue - N
Yellow / Green - \perp
- If you are not using a microwave sensor, or the dimming function of the driver, the blue and white cables are not required. Please terminate these cables safely, as they do produce a voltage. Do not connect together!



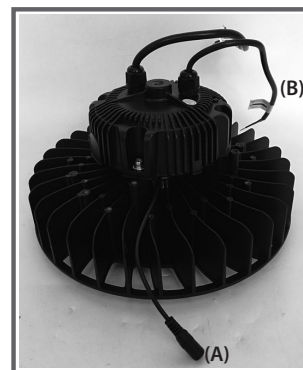
Emergency Conversion

The additional connector (A) is provided to convert the fitting into a three-hour emergency fitting using the Red Arrow EMLEDKIT3 Emergency Remote Box (other options available).

If the fitting is only required as a standard fitting, simply leave the connector (A) as it is, it is safely terminated.

To utilise the EMLEDKIT3 with the Commando High Bay:

1. Ensure the mains power supply is switched off.
2. Open the EMLEDKIT3 Remote Box.
3. The live, neutral and earth (B) cables from the fitting need to be connected to the designated terminals in the remote box.
4. The live / switch live (if applicable), neutral and earth cables from the incoming supply need to be connected to the designated terminals in the remote box.
5. Disregard the female driver input cable labelled 'driver input'.
6. Simply connect the male connector from the remote box labelled 'LED array' to the female connector (A).
7. Close the remote box and secure the box in a suitable location using cable ties or other suitable fixing methods.
8. Place the green LED charge indicator where it is suitably visible.



Additional Information

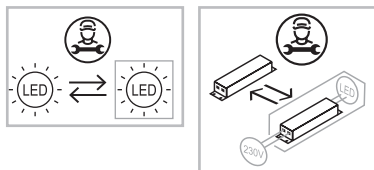
- A microwave sensor (HLBMS) is available to control the fitting, and control the corridor function in conjunction with the 1-10V dimmable driver.
- If a microwave sensor is required please order the bracket (COMHBMSB-2) to attach the microwave sensor to the fitting.
- Further instructions for the setting up of the microwave sensor are available online at www.redarrowelectrical.co.uk

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 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

- This fitting will require routine cleaning if used in adverse (dust, paint, welding, oils etc) environments. Do not use solvents, aggressive detergents or abrasives.
- The LEDs and driver in this product can be replaced at the end of life. This must be carried out by a professional, competent person. Alternatively, and for best results, we would recommend replacement is done by Red Arrow (chargeable service).



- 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 waste. Please recycle where the facilities exist, check with your local authority for suitable options.

INS/INDUSTRIAL/0002/COMHB/V4