



# LED COMPACT DIMMABLE HIGH BAY

FOR MODEL: COMHB100BD-2, COMHB150BD-2, COMHB200BD-2 & COMHB240BD-3

## INTRODUCTION

The improved, high-performance LED Compact Dimmable High Bay range suitable for factory and warehouse lighting.



## SPECIFICATION

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- Dimensions: 100W/150W: Ø: 252 x D: 200mm  
200W/240W: Ø: 295 x D: 212mm

Automatic Circuit Breaker Type	B6	B10	B13	B16	B20	C10	C13	C16	C20
Rated Current	6A	10A	13A	16A	20A	10A	13A	16A	20A
Installation	1.5	1.5	1.5	1.5	2.5	1.5	1.5	1.5	2.5
COMHB100BD-2	2	3	3	4	5	5	6	8	10
COMHB150BD-2	1	2	3	4	5	4	5	7	8
COMHB200BD-2	1	2	3	4	5	4	5	7	8
COMHB240BD-3	0	1	1	2	3	2	2	3	4

- LED: 160-364pcs of Lumileds 3030
- Working Temperature: -30°C - 50°C

## BOX CONTENTS

- 1 x LED Compact Dimmable High Bay
- 1 x Locking Washer
- 1 x Safety Rope
- 1 x Suspension Eye
- 1 x Washer
- 2 x Screws



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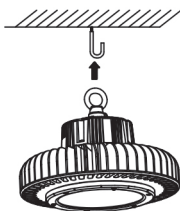
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## SAFETY WARNING

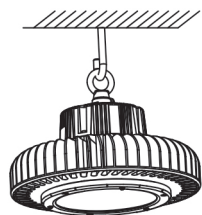
- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control 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.
- CAUTION: Do not stare at the exposed lamp in operation, this may be harmful to the eyes.

## INSTALLATION INSTRUCTIONS

1. Before installation, please check if the local voltage range corresponds with the working voltage of the fixture.
2. If the fixture is damaged, please contact your supplier.
3. Please install the fitting where there are no risks of fire or electric shocks or near vibrating objects / surfaces.
4. Drill a hole in the ceiling and install a hook.



5. Hang the fixture.

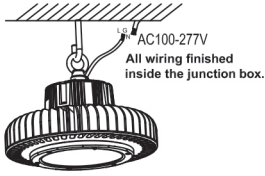


6. Connect the cables.  
 Brown - L  
 Blue - N  
 Yellow Green -  $\perp$



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- If you are not using a microwave sensor, or the dimming function of the driver, the blue and white cable are not required. Please terminate these cables safely, as they do produce a voltage. Do not connect together!

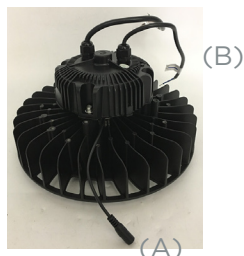




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## EMERGENCY CONVERSION



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 COMHB fitting;

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.



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## MAINTENANCE

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 or retailer for suitable options.

## ADDITIONAL INFORMATION

- A microwave sensor (code 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 setting up the microwave sensor are available online at [www.redarrowtrading.com](http://www.redarrowtrading.com).

## 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**

