

Toughbay™ Linear Range

Installation guide for Toughbay™ LED Highbay



Important information

- It is recommended that luminaires are installed by a qualified electrician to ensure the installation complies with the local current wiring regulations.
- Any broken or damaged parts should be replaced as soon as possible. JCC will not accept responsibility for claims arising from sub-standard installations.
- It is recommended that the ambient room temperature should not exceed 45°C.
- **Caution.** Risk of electric shock
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged the luminaire shall be destroyed.
- These products are designed for connection to a 220-240V~50/60Hz supply.
- The light source of this luminaire is not replaceable by the end user. The light source contained in this luminaire shall only be replaced by the manufacturer or their service agent or a similar qualified person.
- This luminaire is suitable for indoor and outdoor use.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- This luminaire should be installed out of arms reach.
- Terminal block not included. Installation may require advice from a qualified person.

INSTALLATION

ENGLISH

- Read instructions and check that you have all of the tools and accessories required to complete the installation correctly. Isolate power supply before starting the installation.

Standard/Dimmable Installation Procedure

1. The luminaire comes with a quick release clips for suspension (chain not supplied).
2. Connect the mains input as shown in Fig.1, using a suitable connector to maintain the IP rating for the location. Alternatively connect using accessory JC71851 waterproof IP65 connector (not supplied). Please ensure that 3-core H07 RN-F cable is used.
3. This luminaire is 1-10V dimmable as standard, if you wish to dim this fitting ensure that you connect the 1-10V dimming control wires as shown in Fig.2 to a 1-10V dimming system only. If no dimming is required please leave the terminals isolated.

Specifications

Colour temp: 5700K Ra: 70

Model	Wattage	Beam Angle
JC71931/30X60	100W	30° x 60°
JC71931/30X60MW*	100W	30° x 60°
JC71931/50	100W	50°
JC71931/50MW*	100W	50°
JC71931/80	100W	80°
JC71931/80MW*	100W	80°
JC71932/30X60	150W	30° x 60°
JC71932/30X60MW*	150W	30° x 60°
JC71932/50	150W	50°
JC71932/50MW*	150W	50°
JC71932/80	150W	80°
JC71932/80MW*	150W	80°
JC71933/30X60	200W	30° x 60°
JC71933/30X60MW*	200W	30° x 60°
JC71933/50	200W	50°
JC71933/50MW*	200W	50°
JC71933/80	200W	80°
JC71933/80MW*	200W	80°

* Microwave Dimmable Versions available.

Standard Version Connection

220-240V~ 50/60Hz / Class I

Figure 1: Mains Input

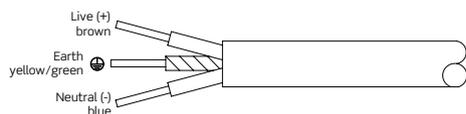


Figure 2: 1-10V Dimming Control Input

Dim - (White)



Dim + (Black)

Terminal block must comply to EN 60998-2-1 or EN 60998-2-2

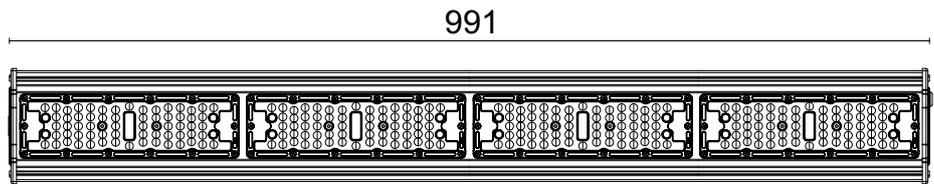
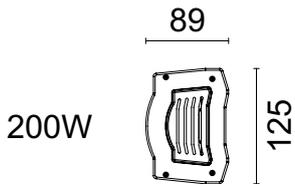
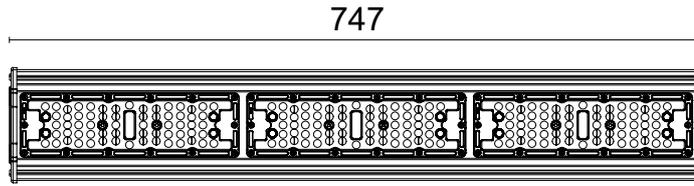
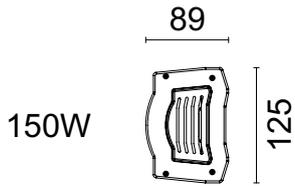
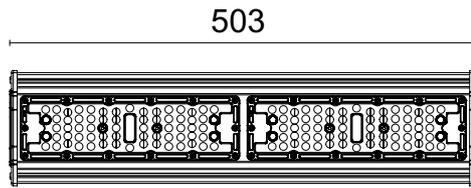
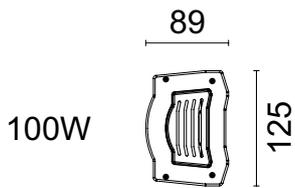
Terminal Block Specification

Number of Ways: 3
 Mounting Type: Through Hole
 Pitch: 8mm
 Current Rating: 24A
 Termination Method: Screw Down
 Wire Size: 2.5 mm²
 Material: Nylon
 Voltage Rating: 380 V
 Maximum Operating Temperature: +125°C
 Contact Material: Brass
 Contact Plating: Nickel

Terminal block must be IP65 waterproof for outdoor installation.

Profile & Dimensions

Toughbay™ Linear



All dimensions in millimetres

Available finishes: Black (BLK) only

Important warranty information

Toughbay™ Linear is supported by a 5 year extended warranty; which must be registered online at jcc.co.uk/warranty.

The installer will be asked to provide the following information, which is detailed on a label attached to the luminaire's chassis: Product Code/Batch Code.

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