

# Toughbay™ Linear Range

Installation instructions for Toughbay™ LED Highbay



## Warnings & Cautions

- 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
- These products are designed for connection to a 220-240V~50/60Hz supply.
- 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.
- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged the luminaire shall be destroyed.

## INSTALLATION

ENGLISH

### Standard/Dimmable Installation Procedure

- The luminaire comes with a quick release clips for suspension (chain not supplied).
- Connect the mains input as shown in Fig.1, using a suitable connector to maintain the IP rating for the location. Please ensure that 3-core H07 RN-F cable is used.
- 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. Terminal block must comply to EN 60998-2-1 or EN 60998-2-2

### Emergency dimmable version installation procedure

- Connect the mains input as shown below Fig.3, using a suitable connector to maintain the IP rating for the location.
- 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.
- Once the mains supply is connected and the fitting is installed, connect batteries. The LED charge indicator will illuminate showing the fitting is in charge mode and is working correctly. Ensure that the indicator pillar is fitted to ensure visibility of the charge indicator when installed at height. Allow 24hrs for the batteries to charge prior to testing in emergency mode.

### Specifications

Colour temp: 5700K Ra: 70

Model	Wattage	Beam Angle
JC71931/30X60	100W	30° x 60°
JC71931/30X60EM	100W	30° x 60°
JC71931/30X60MW*	100W	30° x 60°
JC71931/30X60MWEM*	100W	30° x 60°
JC71931/50	100W	50°
JC71931/50EM	100W	50°
JC71931/50MW*	100W	50°
JC71931/50MWEM*	100W	50°
JC71931/80	100W	80°
JC71931/80EM	100W	80°
JC71931/80MW*	100W	80°
JC71931/80MWEM*	100W	80°
JC71932/30X60	150W	30° x 60°
JC71932/30X60EM	150W	30° x 60°
JC71932/30X60MW*	150W	30° x 60°
JC71932/30X60MWEM*	150W	30° x 60°
JC71932/50	150W	50°
JC71932/50EM	150W	50°
JC71932/50MW*	150W	50°
JC71932/50MWEM*	150W	50°
JC71932/80	150W	80°
JC71932/80EM	150W	80°
JC71932/80MW*	150W	80°
JC71932/80MWEM*	150W	80°
JC71933/30X60	200W	30° x 60°
JC71933/30X60EM	200W	30° x 60°
JC71933/30X60MW*	200W	30° x 60°
JC71933/30X60MWEM*	200W	30° x 60°
JC71933/50	200W	50°
JC71933/50EM	200W	50°
JC71933/50MW*	200W	50°
JC71933/50MWEM*	200W	50°
JC71933/80	200W	80°
JC71933/80EM	200W	80°
JC71933/80MW*	200W	80°
JC71933/80MWEM*	200W	80°

### Standard Version Connection

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

Figure 1: Mains Input

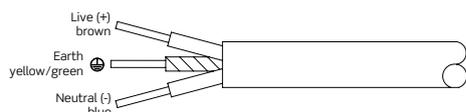
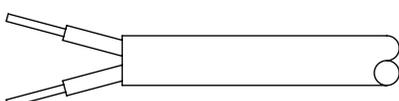


Figure 2: 1-10V Dimming Control Input

Dim - (White)

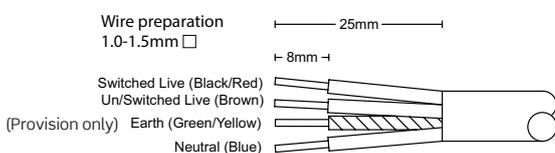
Dim + (Black)



### Emergency version connection

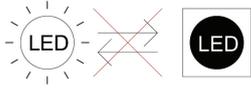
220-240V 50/60Hz / Class II

Figure 3.

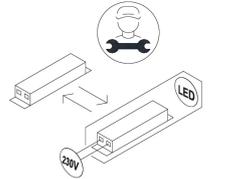


# Profile & Dimensions

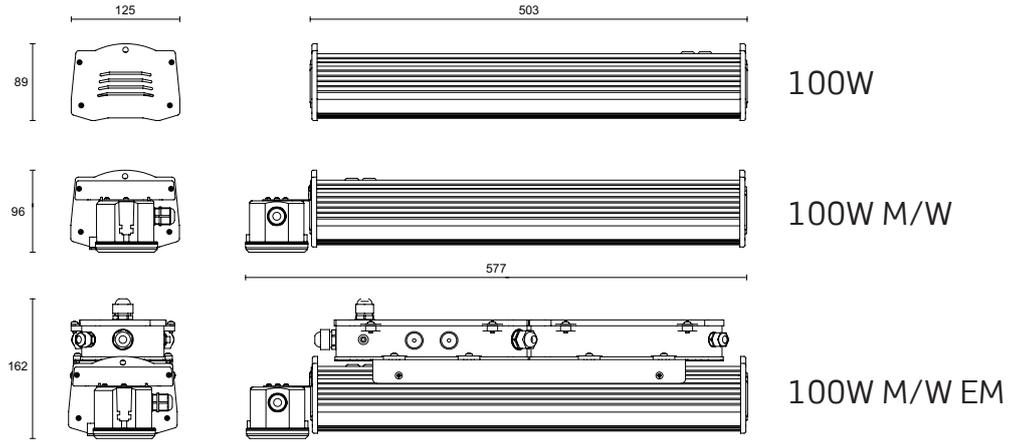
## Toughbay™ Linear



Non-replaceable light source



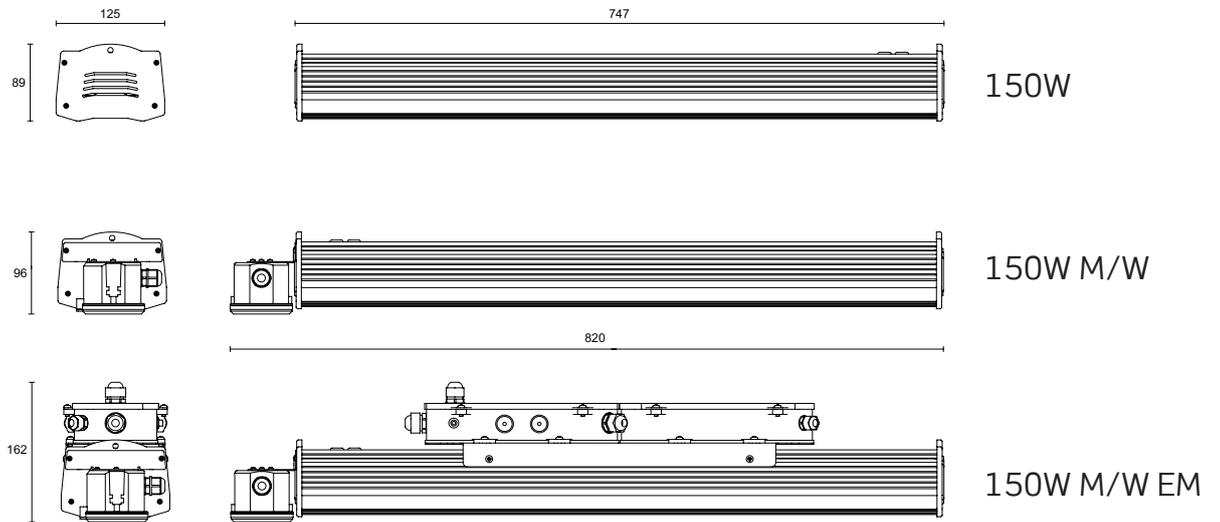
Replaceable control gear by a professional



100W

100W M/W

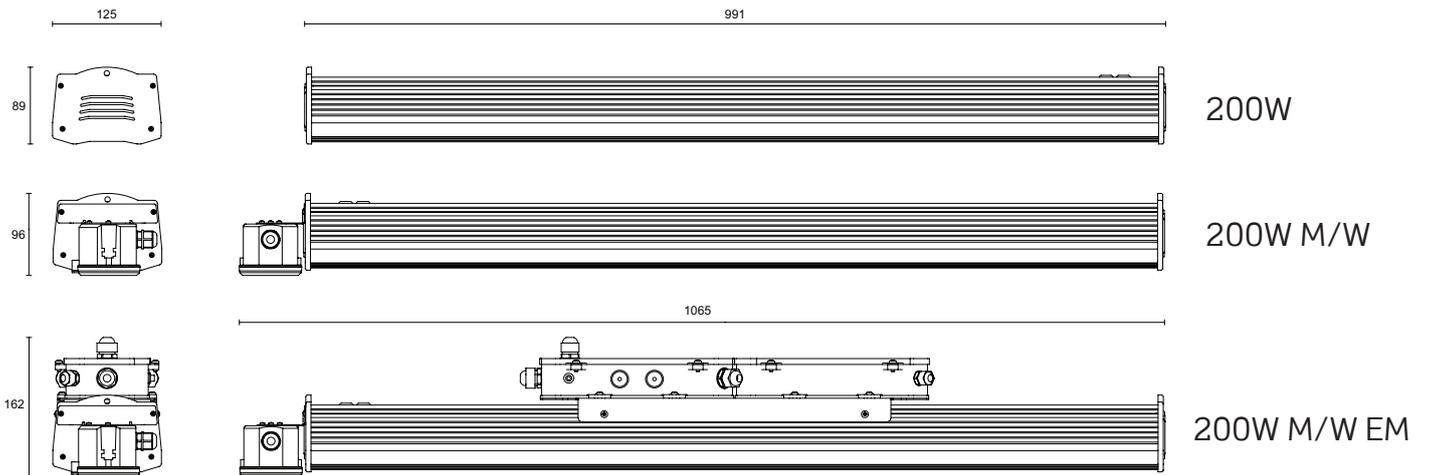
100W M/W EM



150W

150W M/W

150W M/W EM



200W

200W M/W

200W M/W EM

All dimensions in millimetres

### Important warranty information

This product is supported by a 2-year standard warranty which will extend to 7-years if registered within the first year of purchase. Please register at [jcc.co.uk/warranty](http://jcc.co.uk/warranty) (Terms and conditions apply).

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

BS EN ISO9001 - 2015 - Registered Firm Certificate No. GB 1552

JCC Lighting Products Ltd. Innovation Centre, Beeding Close, Southern Cross Trading Estate, Bognor Regis, West Sussex, PO22 9TS, United Kingdom

**Technical Support: +44(0)1243 838986 Customer Services: +44(0)1243 838999**