

Toughbay™ 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 60°C.
- These products are designed for connection to a 100-240V~ 50/60Hz supply.
- The light source of this luminaire is not replaceable: When the light source reaches the end of its life, the whole of the luminaire must be replaced.
- This luminaire is suitable for indoor and outdoor use.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.

INSTALLATION

ENGLISH

Specifications Colour temp: 5700K Ra: 80

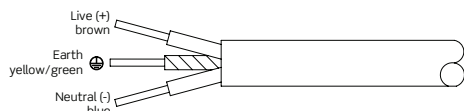
Toughbay™ Linear	Total circuit wattage	Lumens	LpcW
2ft	75W	7500	100
4ft	150W	1400	93
5ft	210W	1900	90
Toughbay™ Circular	Total circuit wattage	Lumens	LpcW
	100W	10600	102
	180W	19700	109
	230W	23700	103

Available finishes: Black(BLK) or White(WH)

Standard version connection

100-240V 50/60Hz / Class I

Figure 1. Mains input



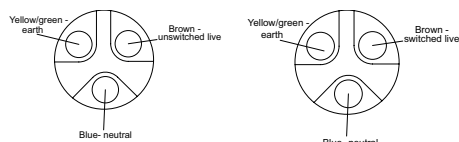
Emergency version connection

220-240V 50/60Hz / Class I

Figure 2.

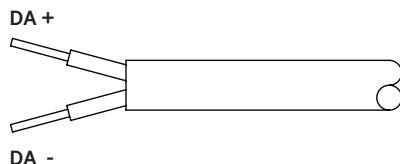
Mains - Unswitched connection

Mains - switched connection



Dimming control input

Figure 3.



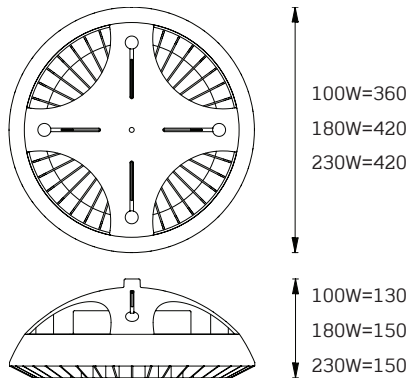
- Read instructions and check that you have all of the tools and accessories required to complete the installation correctly. Isolate power supply before starting the installation.
- ### Standard dimmable version installation procedure
- The luminaire comes with a fixed eye(s) for suspension as standard (the two on the Toughbay™ Linear can be adjusted by loosening the locking bolts on the bracket and sliding to desired position and retightening to lock in position) fit the eye(s) to the top of the fitting and secure with locking screw(s).
 - For surface mounting please order JC71855 or JC71856 (Toughbay™ Circular), JC71920 (Toughbay™ Linear). Fit the bracket to a flat surface ensuring that fixings are suitable to hold the weight of the luminaire. Fit the luminaire to the bracket using the bolts supplied.
 - 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.
 - 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.3 to a 1-10V dimming system only. If no dimming is required please leave the terminals isolated.

Emergency dimmable version installation procedure

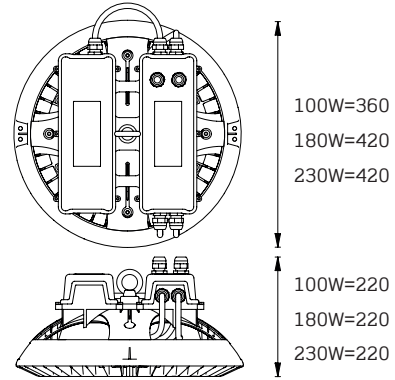
- Follow steps 1-2 of the standard installation procedure.
- Connect the mains input as shown in Fig.2, using a suitable connector to maintain the IP rating for the location. Alternatively connect using accessory JC71851 waterproof IP65 connector (not supplied). Please ensure that 3-core H07 RN-F cable is used.
- Once the mains supply is connected and the fitting is installed, for the Toughbay™ Linear press and release the battery activation button to commission the fitting. The LED charge indicator will illuminate showing the fitting is in charge mode and is working correctly. To commission the remote pack for Toughbay™ Circular remove the cover to access the batteries, connect the battery leads and replace the cover to maintain the IP rating. Allow 24hrs for the batteries to charge prior to testing in emergency mode.
- 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.3 to a 1-10V dimming system only. If no dimming is required please leave the terminals isolated.

Profile & Dimensions

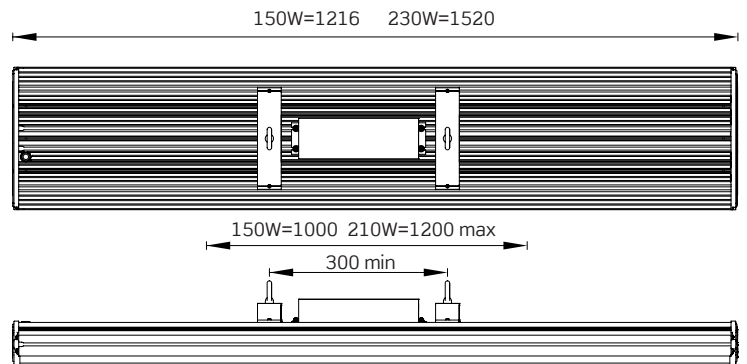
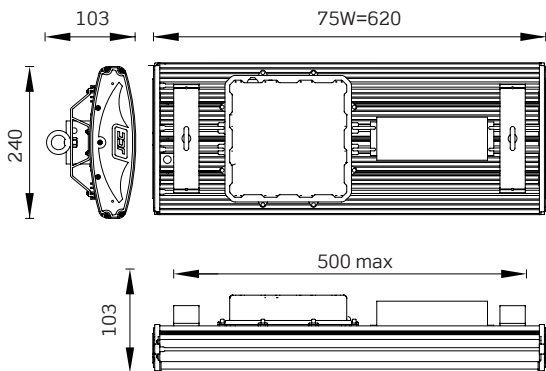
Toughbay™ Circular



Toughbay™ Circular Emergency



Toughbay™ Linear



Registered design No: 002854927-0002

All dimensions in millimetres

Important warranty information

Toughbay™ 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.