

# LED Undershelf

Installation instructions for LED Undershelf



## Warnings & Cautions

- To avoid electric shock or serious injury or property damage, isolate power before installing, removing or servicing the product
- 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
- These products are designed for connection to a 220-240V~ 50/60Hz supply.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- This luminaire is suitable for indoor use only and should not be fitted to damp or wet surfaces such as freshly plastered or newly painted walls or ceilings.
- Not suitable for dimming

## INSTALLATION

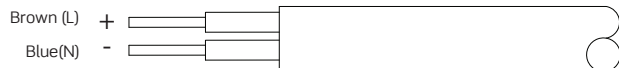
ENGLISH

| Product code | Wattage | Colour temp | Lumens | LpcW |
|--------------|---------|-------------|--------|------|
| JC83301      | 3W      | 4000K       | 320    | 107  |
| JC83302      | 3W      | 3000K       | 300    | 100  |
| JC83303      | 8W      | 4000K       | 920    | 115  |
| JC83304      | 8W      | 3000K       | 820    | 103  |
| JC83305      | 12W     | 4000K       | 1480   | 123  |
| JC83306      | 12W     | 3000K       | 1370   | 114  |
| JC83307      | 15W     | 4000K       | 1750   | 117  |
| JC83308      | 15W     | 3000K       | 1650   | 110  |

Beam angle: 120°

### 220-240V~ 50/60Hz Class II □

Figure 1. Mains input



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

Terminal block specification:

|                        |              |
|------------------------|--------------|
| Number of Ways         | 2            |
| 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 Temp | +125°C       |
| Contact Material       | Brass        |
| Contact Plating        | Nickel       |

| Fitting Wattage | L(input) | Max. No. Per Row |
|-----------------|----------|------------------|
| 3W              | 0.025A   | 36               |
| 8W              | 0.065A   | 18               |
| 12W             | 0.09A    | 12               |
| 15W             | 0.12A    | 10               |

- 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.

### Installation procedure

- Select a suitable location and install the mounting brackets as shown below. There are two options for mounting, horizontal or vertical.
- Once the clips are secure, clip the LED Undershelf into place.
- Connect power lead to mains supply as shown in Figure 1.
- Plug the figure of 8 connector into the fitting and turn on mains supply to operate.

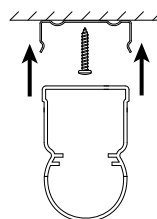
This range of fittings can be linked together by the male and female ends or by using the link leads listed below (available separately).

JC83309 - Link Lead: 250mm

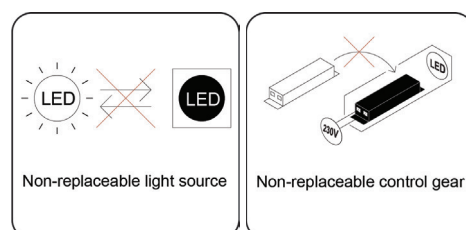
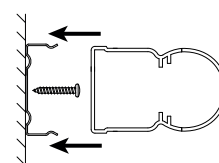
JC83310 - Link Lead: 500mm

JC83311 - Link Lead: 1000mm

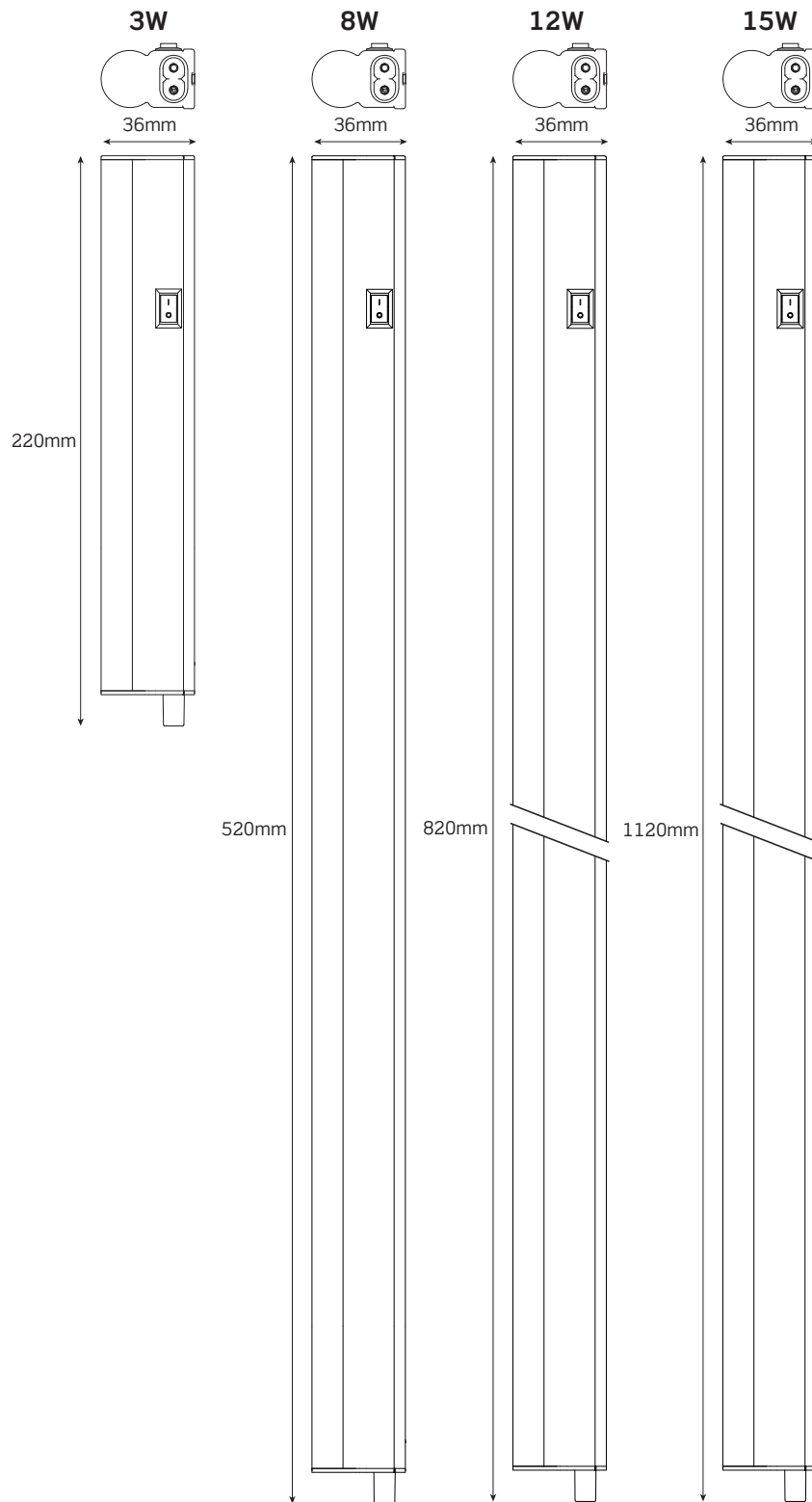
#### Horizontal Mounting



#### Vertical Mounting



## Profile & Dimensions



You can help protect the environment. Please remember to respect the local regulations: hand in the non-working electrical equipment to an appropriate waste disposal centre. The packaging material is recyclable. Dispose of the packaging in an environmentally friendly manner and make it available for the recyclable material collection service.

### Important warranty information

This product is supported by a 2-year standard warranty which will extend to 3 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.