

Toughflood™ Commercial

Installation instructions for LED Floodlights



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.
- Do not install in areas that are exposed to continual running water or prone to flooding. Ensure that the mounting surface is both flat and stable.
- This luminaire is suitable for outdoor use only.
- These products are designed for connection to a 220-240V~ 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.
- It may be necessary to upgrade your MCBs to allow for increased inrush current.
- Terminal block not included. Installation may require advice from a qualified person.

INSTALLATION

ENGLISH

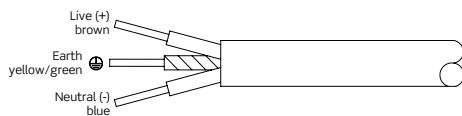
Specifications Colour temp: 4000K Ra: 70

Total circuit wattage	Lumens	LpcW
70W	7400	106
100W	10800	108
150W	16300	109
200W	21800	109

Beam angle: 110°

220-240V 50/60Hz / Class I Ⓢ

Figure 1. Mains input



Wiring colours are for reference only

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

- 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

1. Prepare the mains input cable for termination. Note that this product is class I and as such must be fitted with an earth connection.
2. Drill mounting holes and insert suitable wall plugs.
3. Rotate fitting to access screw mounting points on the bracket and secure using suitable fixings..
4. Terminate input wiring to the fitting as per Fig. 1 to the left using a suitable IP rated connector.
5. Check seals, gaskets and the cable gland integrity before testing the luminaire.
6. Turn on power supply and test for correct operation.

Note - maximum mounting height -5m

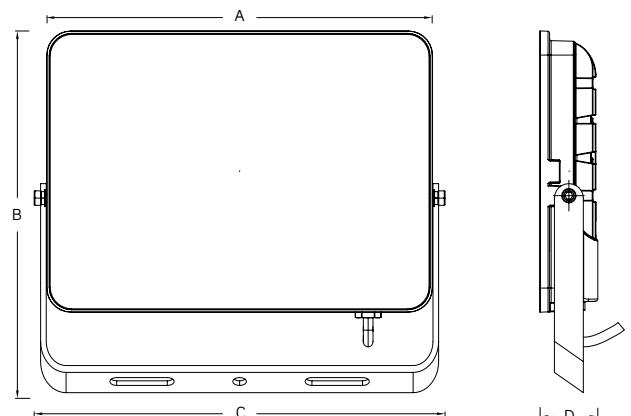
General Maintenance Requirements

This product has no user servicable parts. JCC Lighting Products would recommend that the following maintenance is performed in order to prolong the life of this product: Clean with a damp cloth and dry with a lint free cloth or kitchen towel. Do not use abrasive cleaners.

Profile & Dimensions

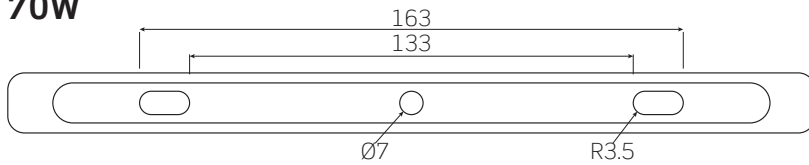
	A	B	C	D
70W	240	229	255	36
100W	307	265	322	38
150W	360	313	378	38
200W	390	323	412	42

All dimensions in millimetres

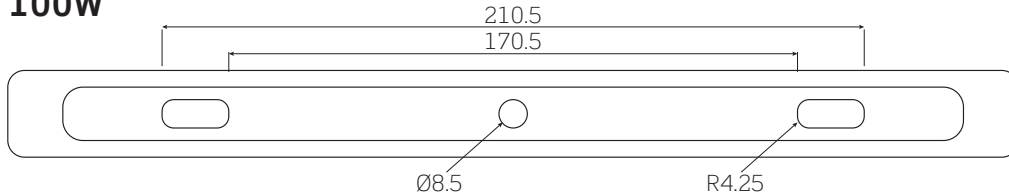


Bracket dimensions

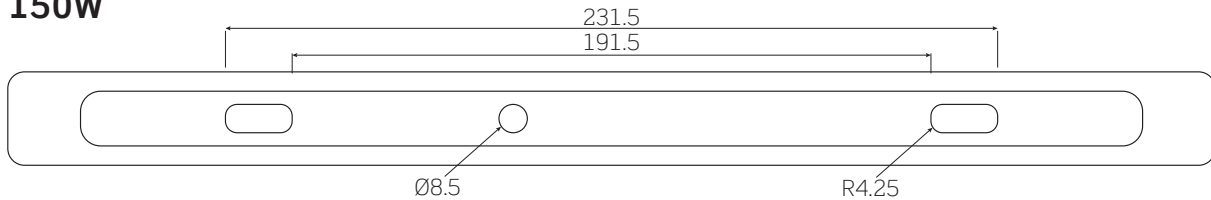
70W



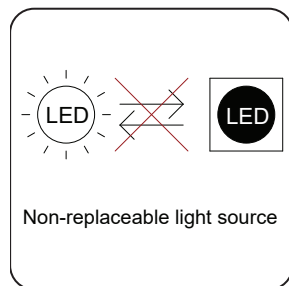
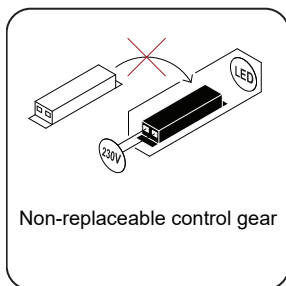
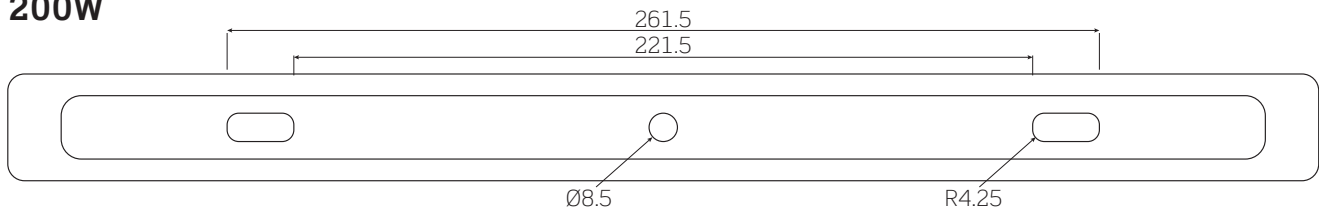
100W



150W



200W



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 - 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.