

Toughflood™ Pro Marine Floodlights

Installation guide for LED Floodlights



Warnings & Cautions

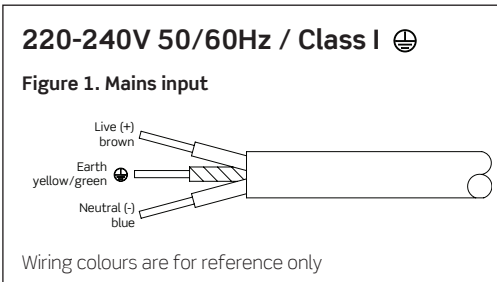
- To avoid electric shock, serious injury or property damage, isolate power before installing, removing or servicing the product.
- It is recommended that luminaires are installed by a qualified electrician to ensure the installation complies with the local current wiring regulations.
- Any broken or damaged parts should be replaced as soon as possible.
- JCC will not accept responsibility for claims arising from sub-standard installations; which will void the warranty.
- These products are designed for connection to a 220-240V~ 50/60Hz.
- The light source of this luminaire is not replaceable: When the light source reaches the end of it's 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.
- 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.

INSTALLATION

ENGLISH

Specifications Colour temp: 3000/4000/5700K Ra: 70 Beam angle: 30x125°ASY 51°

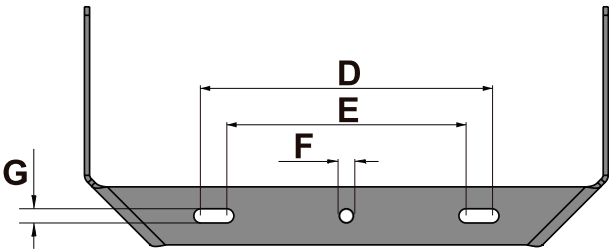
| Total circuit wattage | Up to Lumens | Up to LpcW |
|-----------------------|--------------|------------|
| 200W(100/150W) | 30320 | 156 |
| 300W(150/225W) | 45250 | 157 |
| 400W(200/300W) | 60340 | 162 |



Terminal block must comply to EN 60998-2-1

- 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.

Fig.2.



| Unit (mm) | D | E | F | G |
|-----------|-----|-----|----|----|
| 200W | 222 | 168 | 11 | 11 |
| 300W | 249 | 189 | | |
| 400W | 254 | 192 | | |

| Power Consumption (W) | 200 | 300 | 400 |
|------------------------|------------|------------|------------|
| Dimensions(AxBxC) (mm) | 456x390x55 | 504x434x63 | 604x442x65 |
| Net Weight(±6%KG) | 4.6 | 6.3 | 8.3 |
| Projected Area(M²) | 0.16 | 0.2 | 0.24 |

Installation procedure

- Prepare the mains input cable for termination.
Note: that this product is class I and as such must be fitted with an earth connection.
- Drill mounting holes and insert suitable wall plugs or fixings appropriate to the material, see Fig.2.
- Rotate fitting to access screw mounting points on the bracket and secure using suitable fixings. see Fig.3.
- Terminate input wiring to the fitting as per Fig. 1 above using Alternatively connect using a waterproof IP65 connector(not supplied). Please ensure that 3-core H07 RN-F cable is used.
- Remove cover on the bottom of the fitting to select preferred settings see Fig.4., refit cover.
- Check seals, gaskets and the cable gland integrity before testing the luminaire.
- Turn on power supply and test for correct operation.

Fig.3.

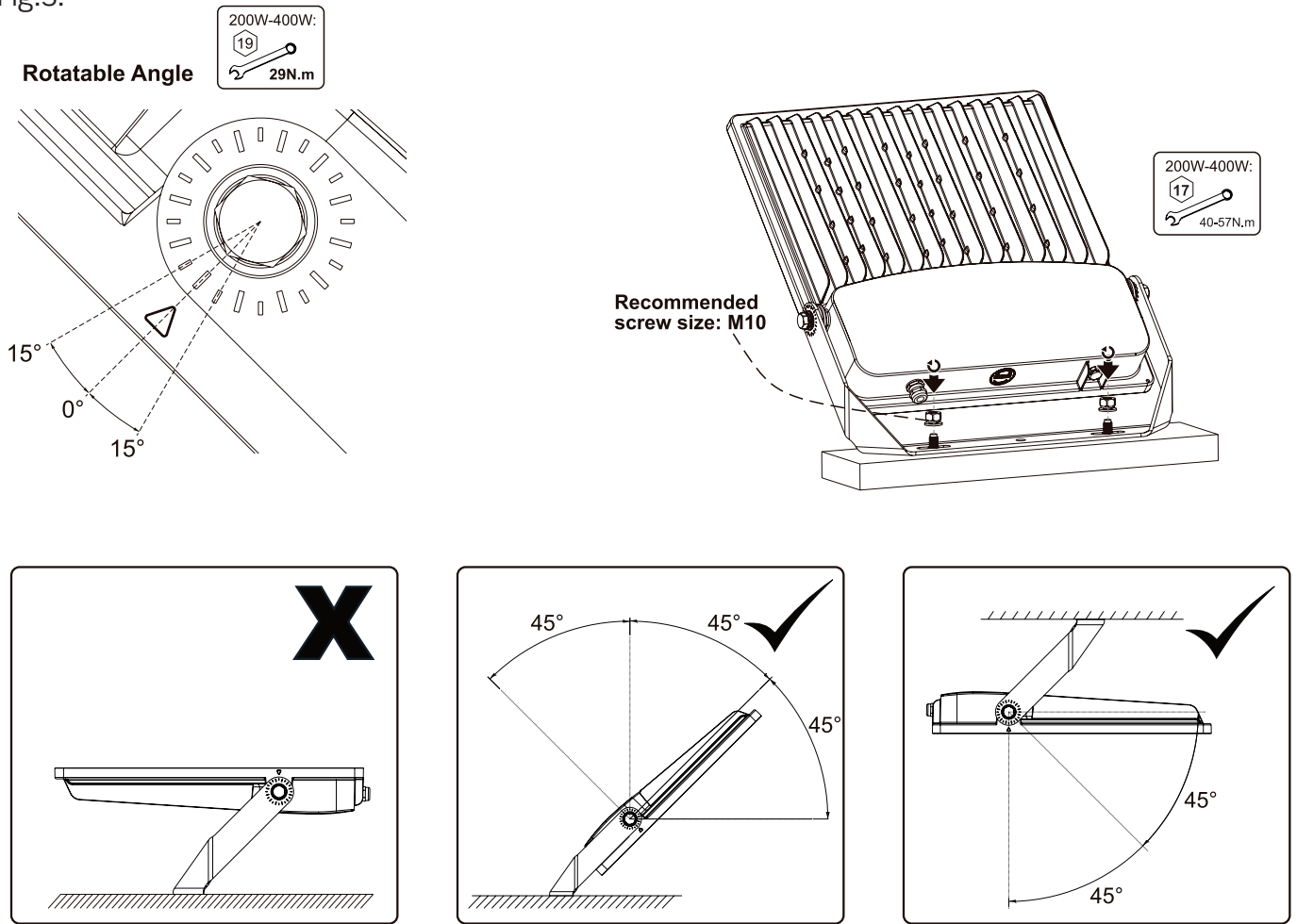
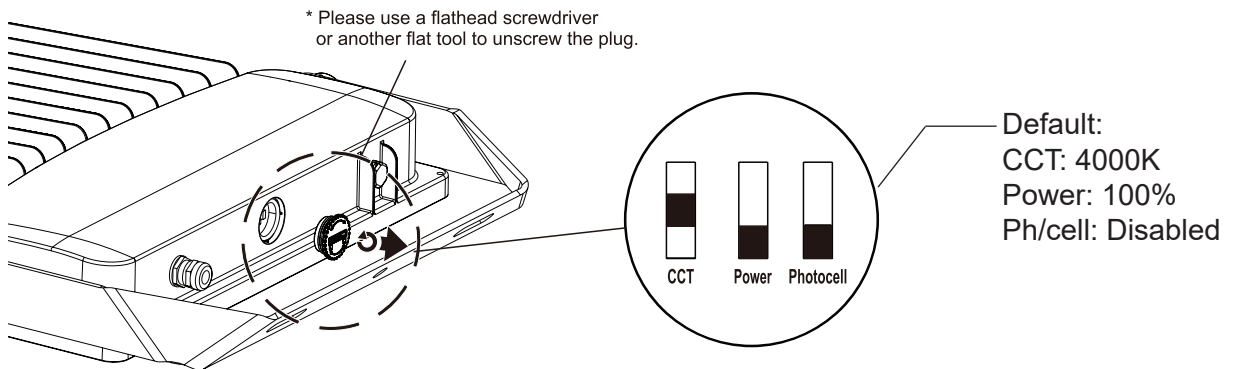


Fig.3.

CCT Select / Power Select / Photocell Select



200W

| CCT | Power | Photocell |
|--------------------------------|-------------------------------|--|
| <input type="checkbox"/> 3000K | <input type="checkbox"/> 100W | <input type="checkbox"/> 25 Lux on 75 Lux off |
| <input type="checkbox"/> 4000K | <input type="checkbox"/> 150W | <input type="checkbox"/> 200 Lux on 600 Lux off |
| <input type="checkbox"/> 5700K | <input type="checkbox"/> 200W | <input type="checkbox"/> Disable |

300W

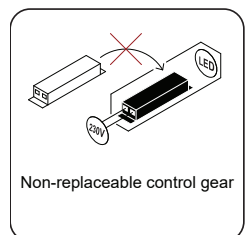
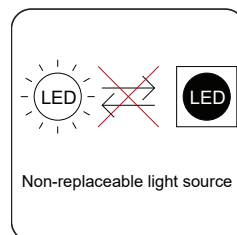
| CCT | Power | Photocell |
|--------------------------------|-------------------------------|--|
| <input type="checkbox"/> 3000K | <input type="checkbox"/> 150W | <input type="checkbox"/> 25 Lux on 75 Lux off |
| <input type="checkbox"/> 4000K | <input type="checkbox"/> 225W | <input type="checkbox"/> 200 Lux on 600 Lux off |
| <input type="checkbox"/> 5700K | <input type="checkbox"/> 300W | <input type="checkbox"/> Disable |

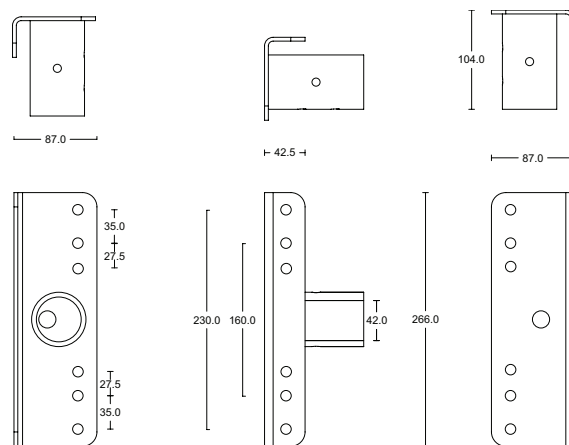
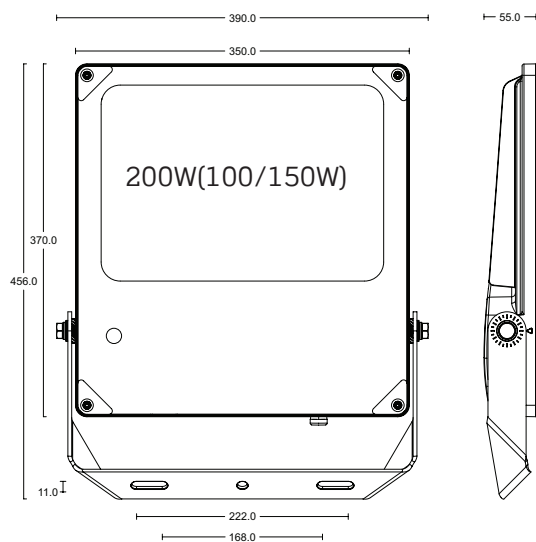
400W

| CCT | Power | Photocell |
|--------------------------------|-------------------------------|--|
| <input type="checkbox"/> 3000K | <input type="checkbox"/> 200W | <input type="checkbox"/> 25 Lux on 75 Lux off |
| <input type="checkbox"/> 4000K | <input type="checkbox"/> 300W | <input type="checkbox"/> 200 Lux on 600 Lux off |
| <input type="checkbox"/> 5700K | <input type="checkbox"/> 400W | <input type="checkbox"/> Disable |

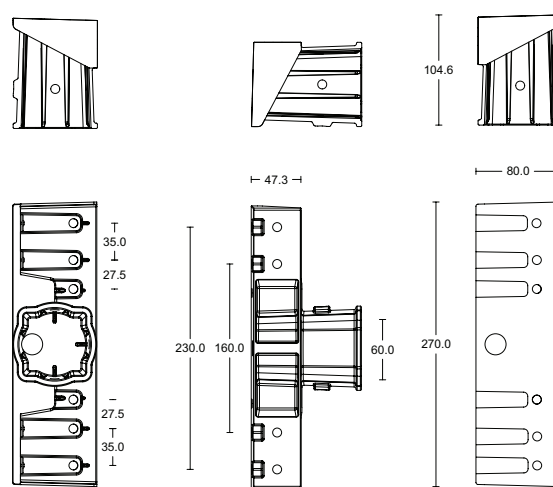
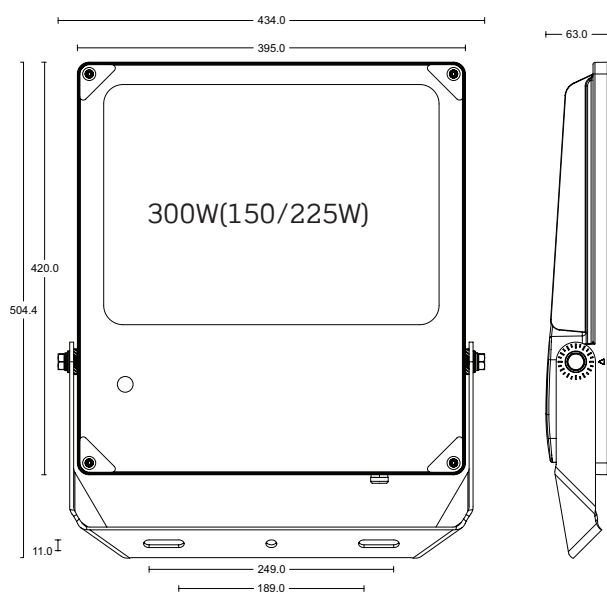
Pole mount Adaptor(suitable for all Wattage versions)

JC050040 - Ø42mm
JC050041 - Ø60mm
JC050042 - Ø76mm

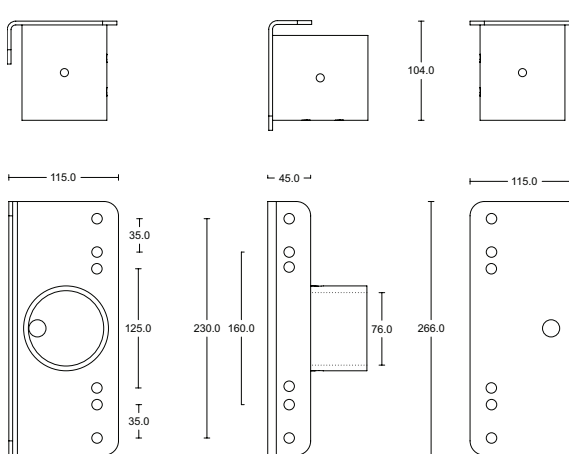
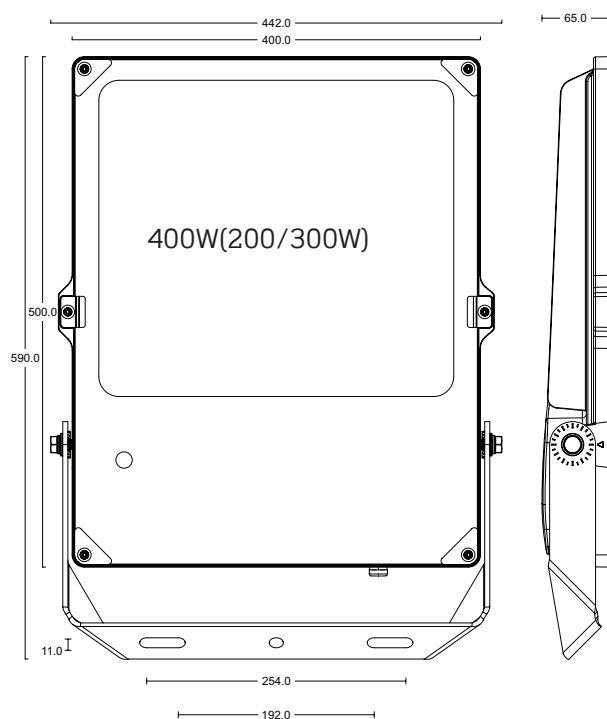




42mmØ Pole Mounting Adapter



60mmØ Pole Mounting Adapter



76mmØ Pole Mounting Adapter

General Maintenance Requirements

This product has no user serviceable 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.

Important warranty information

This product is supported by a 2-year standard warranty which will extend to 5-years if registered within the first year of purchase. (2 year on batteries). 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.