

ToughLED™ Range

Installation instructions for ToughLED™ Weatherproof



Warnings and cautions

- To avoid electric shock ⚠ or serious injury or property damage, isolate power before installing, removing or servicing the product
- It is recommended that this product is installed by an electrician or a competent person with sufficient experience to install this product.
- To be installed in accordance with the local current wiring regulations and standards.
- 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
- Ensure that you have the tools and accessories required to complete the installation correctly
- The ambient room temperature should not exceed 25°C
- This luminaire is suitable for indoor or outdoor use: this product is IP65
- Emergency product routine inspection and tests must be undertaken at times of least risk and in accordance with EN 50172:2004.
- For emergency versions, the green indicator light is on for correct operation and off indicates a fault
- Battery life is 2 years, but must be replaced if fails test in accordance with EN 50172:2004

INSTALLATION

ENGLISH

1. Mark and drill mounting holes for the snap-in ceiling clips at the correct spacing for the version being installed.
2. Affix clips securely to ceiling.
3. Clip the luminaire into place and ensure that it is secure before proceeding.
4. To gain access to the interior of the luminaire release the clips that secure the diffuser to the base section.
5. Separate the LED plate from the base by squeezing the securing clips inwards and pulling the plate away from the base. There are permanent restraints that prevent the plate from falling during installation and servicing.
6. Wire the mains input supply to the terminal block as per the diagram shown below: Live, earth and neutral for standard versions and Switched live(L), Unswitched live(L1), earth and neutral for emergency versions
7. Connect required dimming control where appropriate
8. Connect batteries to commission for emergency versions
9. Refit LED plate, diffuser and diffuser clips. For additional security locking screws are provided for clips.
10. Power up fitting to ensure that it is functioning correctly.
11. Allow 24hrs minimum charge for batteries on emergency versions before testing.
12. To change operation mode to test, isolate the mains power. This will switch the product into emergency mode. Once test is completed reconnect the mains power. Check indicator light is on for correct operation.

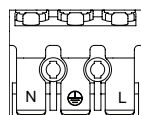
Specifications

Colour temp: 4000K Ra: 80 Beam Angle: 120°

Model	Wattage	Lumen	lpcW
JC71553WOP	18W	2050	114
JC71553EM/WOP	18W	2050	114
JC71553FR	18W	2300	128
JC71553EM/FR	18W	2300	128
JC71554WOP	37W	4300	116
JC71554EM/WOP	37W	4300	116
JC71554FR	37W	4700	127
JC71554EM/FR	37W	4700	127
JC71555WOP	27W	3200	119
JC71555EM/WOP	27W	3200	119
JC71555FR	27W	3400	126
JC71555EM/FR	27W	3400	126
JC71556WOP	57W	6150	108
JC71556EM/WOP	57W	6150	108
JC71556FR	57W	7000	123
JC71556EM/FR	57W	7000	123
JC71557WOP	35W	3800	109
JC71557EM/WOP	35W	3800	109
JC71557FR	35W	4300	123
JC71557EM/FR	35W	4300	123
JC71558WOP	70W	7100	101
JC71558EM/WOP	70W	7100	101
JC71558FR	70W	8600	123
JC71558EM/FR	70W	8600	123

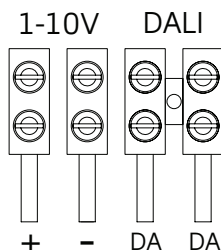
Standard Version Connection

Figure 1. 220-240V~ 50/60Hz / Class I



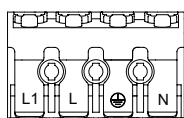
N = neutral
 earth = earth
 L = Live

Dimming control connections



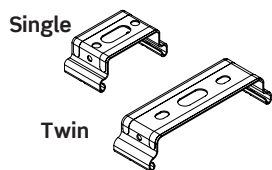
Emergency Version Connection

Figure 2. 220-240V~ 50/60Hz / Class I

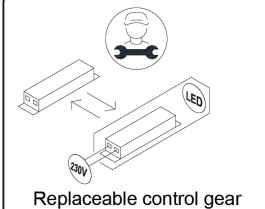
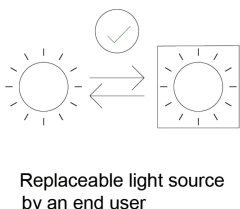
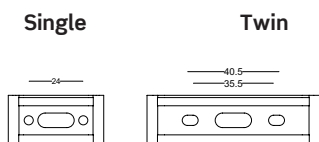


L1 = Unswitched live
 L = Switched Live
 earth = earth
 N = neutral

Fixing brackets



Fixing centres



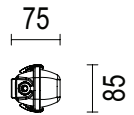
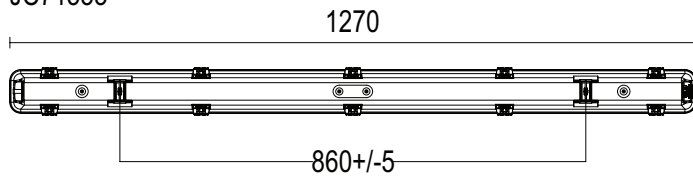
Available diffuser options: White Opal(WOP) or Frosted(FR). Dimmable or microwave versions also available. Add "DALI" or "/1-10V" or 'MW' to the end of the product number for dimmable or microwave versions: e.g 'JC71553MW/FR' or 'JC71553FRDALI' or 'JC71553WOP/1-10V'

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.

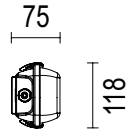
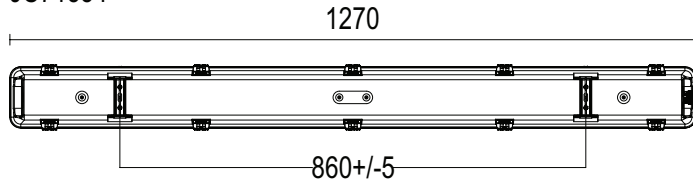
Profile & Dimensions

ToughLED™

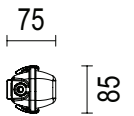
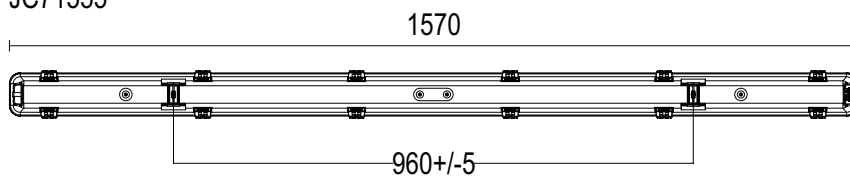
JC71553



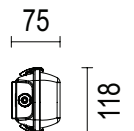
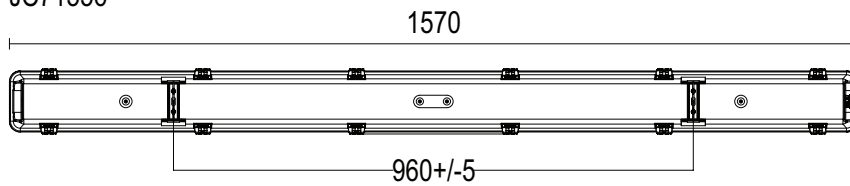
JC71554



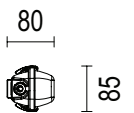
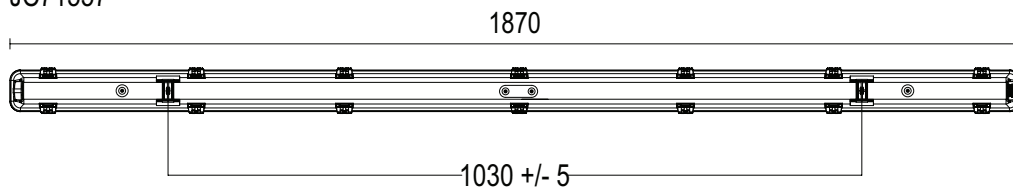
JC71555



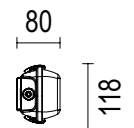
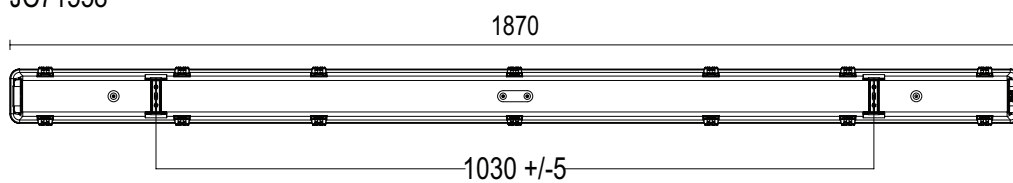
JC71556



JC71557



JC71558



All dimensions in millimetres

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. 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.

