

# Line of Light

Installation instructions for direct only fittings

## WARNINGS AND CAUTIONS

- To avoid electric shock, 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: Isolate the power before starting the installation
- 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 miniature circuit breakers to allow for increased inrush current
- This luminaire is suitable for indoor use only

## INSTALLATION INSTRUCTIONS

ENGLISH

- 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.
- When using X, L, T sections refer to page two as for a guide to ensure the start (mains supply in) section is orientated correctly for the required design.
- Important! please see note 5 regarding recessed kits.

## Specifications Ra: 80

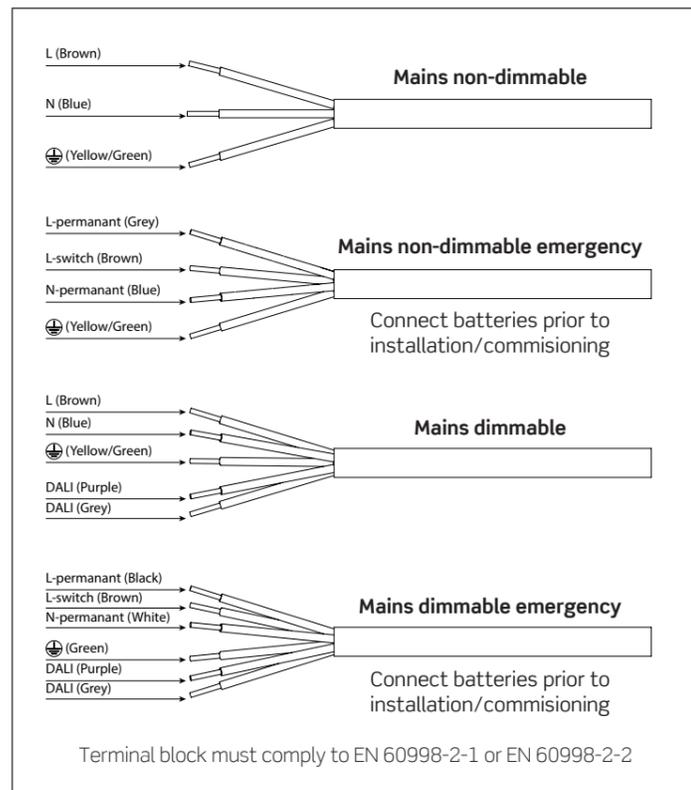
Wattage	3000K Lumens	3000K LpcW	4000K Lumens	4000K LpcW
26W	2600	100	2600	100
35W	3500	100	3500	100
*52W	5200	100	5200	100

Available finishes: Black (BLK), White (WH) or Grey (GRY)

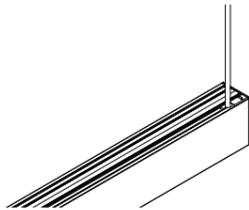
100-240V 50/60Hz / Class I

\*200-240V 50/60Hz / Class I

Fig.1.

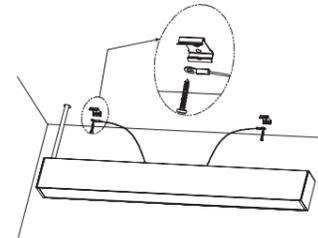


1



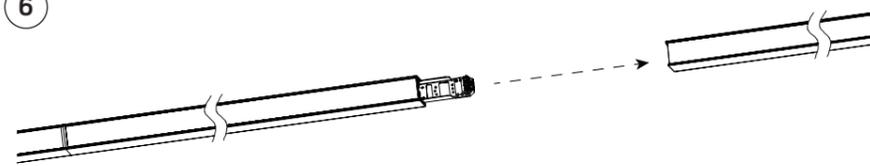
All start sections are pre-wired with a 2 metre flex. Please refer to Fig.1. for specific wiring specifications depending on version.

2



Once the brackets are secured, locate one edge of the fitting body onto the bracket (as shown below) then rotate and snap the other side of the fitting into the sprung loaded bracket.

6



To join sections together in a continuous run, please refer to sections 7 to 11.

Maximum run of up to 800W power, or 35 metres in length max.

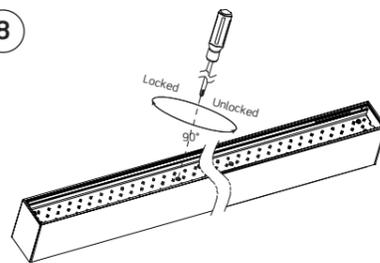
4

To install with a suspension kit, please refer to instruction included in JC770/1/SUS

5

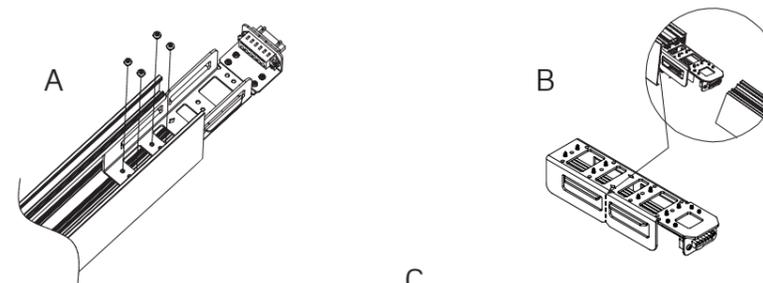
To install with a recessed kit, please refer to instruction included in JC770/1/REC  
Note: When recessing the line of Light Direct, each section must be a Start section, you cannot connect recessed Start and middle/end sections.

8



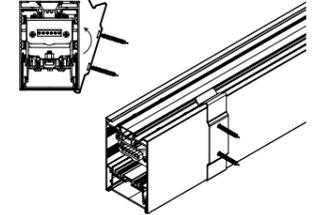
Turn the locking screws 90° as indicated to release the LED array board, disconnect the LV fly lead to remove from body.

9



After following steps 7 & 8, you must adjust the mains male output connector from its transit position to the install position to join a middle/end section to a start section for a continuous run. Loosen/remove the retaining screws (A) on the connector body and sliding it forward into the correct position by aligning the dashed line on the side with the edge of the fitting body (B) and resecure with the screws as indicated above. Failure to align the male connector bracket correctly will cause a poor connection between the male and female connector when fitting two or more sections together (see C above). This will mean the lights will not power up or could cause flickering.

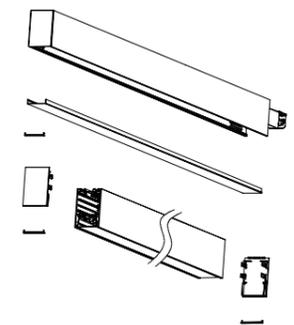
3



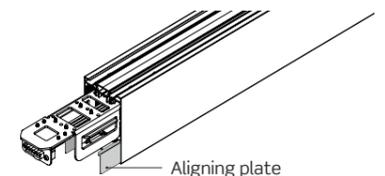
To wall mount, use the brackets (not included) (order: JC770/1/WALL) as a template for marking fixings holes. Ensure brackets are minimum 100mm in from each end of the fitting. Use fixings that are suitable for the ceiling type. Place the bottom edge of the fitting into the bracket (as shown above) and snap the top edge into the bracket.

7

Remove end caps and diffuser to access the LED array board.



10



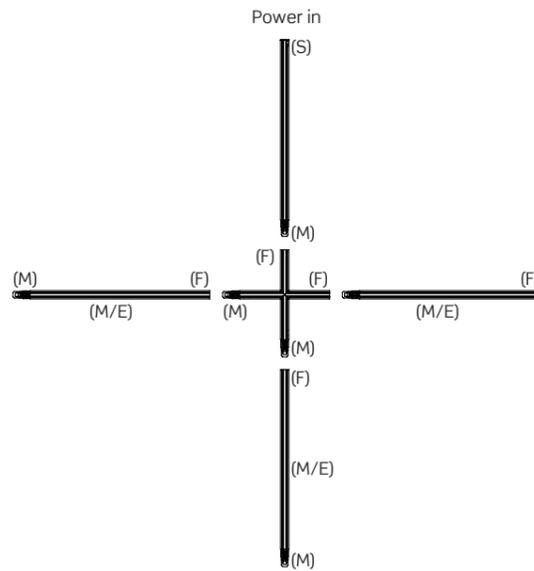
Prior to joining two sections together you must insert the two aligning guide plates in either side of the frame as shown in grey above.

12

Refer to steps 2, 3, 4 or 5 for mounting options.

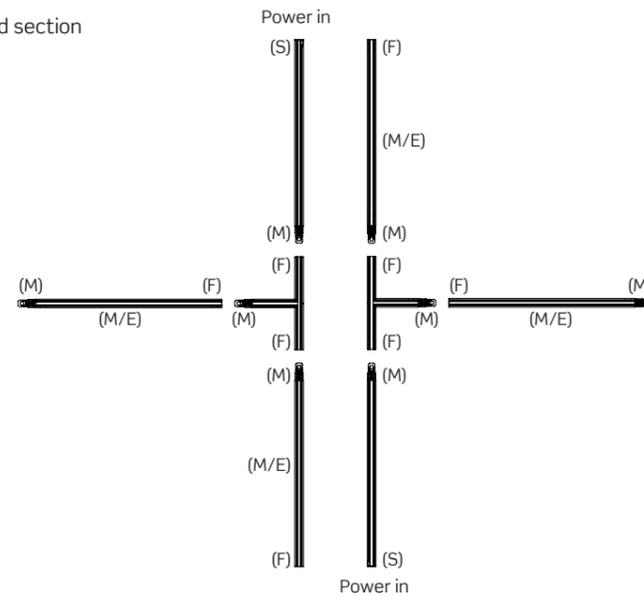
For more than two sections repeat steps 7 to 11.

**X Section**



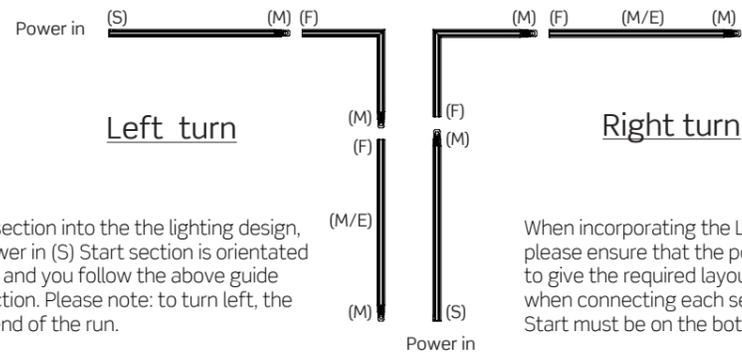
When incorporating the X section into the the lighting design, please ensure that the power in(S) start section is orientated to give the required layout and you follow the above guide when connecting each section.

**T Section**



When incorporating the T section into the the lighting design, please ensure that the power in(S) start section is orientated to give the required layout and you follow the above guide when connecting each section. Please note: for the T section use the start section can be on either side of the T.

**L Section**



When incorporating the L section into the the lighting design, please ensure that the power in (S) Start section is orientated to give the required layout and you follow the above guide when connecting each section. Please note: to turn left, the Start must be on the left end of the run.

When incorporating the L section into the the lighting design, please ensure that the power in (S) Start section is orientated to give the required layout and you follow the above guide when connecting each section. Please note: to turn right, the Start must be on the bottom of the run.

**Emergency range routine inspection and test**

All tests must be undertaken at times of least risk and in accordance with EN 50172:2004 as indicated below:

Daily: Indicators of the emergency remote pack should be visually inspected for correct operation.

Monthly: (in addition to the daily check) If automatic testing devices are used, the results of the short duration tests shall be recorded. Test shall be carried out as follows:

Switch the luminaire over to emergency mode to operate from the batteries by simulating a failure of supply to the normal lighting, for a period sufficient to ensure correct luminaire operation.

NOTE: The period of simulation failure should be sufficient for the purpose of this clause whilst minimising damage to the system components e.g lamps. During this period, all luminaires and signs shall be checked to ensure that they are present, clean and functioning correctly. At the end of this test period, the supply to the normal lighting should be restored and any indicator lamp or device should be checked to ensure that is showing that the normal supply has been restored.

Annually: If automatic testing devices are used, the results of the short duration tests shall be recorded. For all other systems the monthly inspection shall be carried out and the following additional tests made:

- a) Each luminaire and internally illuminated sign shall be tested monthly as above but for its full duration in accordance with the manufacturer's information.
- b) The normal supply for the luminaire should be restored and any charge indicator lamp or device should be checked to ensure that it shows the normal supply has been restored. The charging arrangements should be checked for proper functioning.
- c) The date of the test and its results shall be recorded in the system logbook.

A copy of this report must accompany any fitting returned to the manufacturer for any reason.

**General Information**

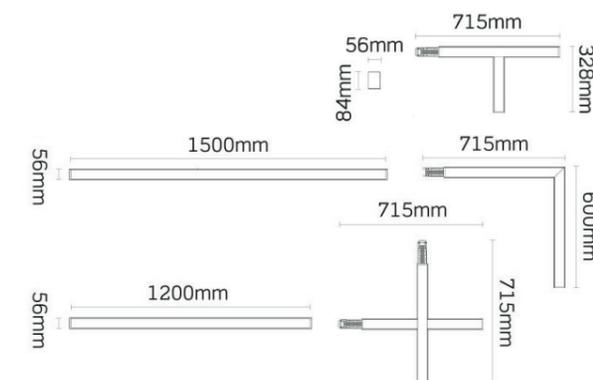
Our products are designed to comply with the requirements of UK law and the relevant industry national and international standards and should not be modified in any way. All emergency lighting systems should comply with the recommendations of BS5266-1: Code of Practice for the Emergency Lighting of Premises and be installed by competent engineers in accordance with the relevant wiring regulations. Before installing any type of Emergency Lighting always seek the advice and approval of the local Fire Prevention Officer (or equivalent authority).

**Maintenance**

Failed or faulty light sources connected to this equipment should be replaced immediately. These units are designed especially for a long and trouble free life. Under normal conditions, will require no routine maintenance or service beyond the inspection and test regime of BS5266-1.

Both mains supply and battery protection fusing is incorporated internally. Should access to these or any other part of the circuitry be required this must be undertaken only by suitably qualified person. Special care must be taken when removing the cover to circuitry and battery. Only replacement components authorised by the company must be used. Disposal of replaced components should be in accordance with the component manufacturers instructions.

**Profile & Dimensions**



**Important warranty information**

Line of Light is supported by a 5 year extended warranty; which must be registered online at [jcc.co.uk/warranty](http://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/Date Code.

**Emergency test record sheet**

Month	Test Type	First Year		Second Year		Third Year		Fourth Year		Fifth Year	
		Sign	Date	Sign	Date	Sign	Date	Sign	Date	Sign	Date
January	Functional										
February	Functional										
March	Functional										
April	Functional										
May	Functional										
June	Functional										
July	Functional										
August	Functional										
September	Functional										
October	Functional										
November	Functional										
December	3 hour										