

Line of Light Range

Installation instructions for Line of Light

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 use only: this product is IP20
- Isolate power before changing Wattage
- Isolate power before selecting colour temperature

INSTALLATION INSTRUCTIONS

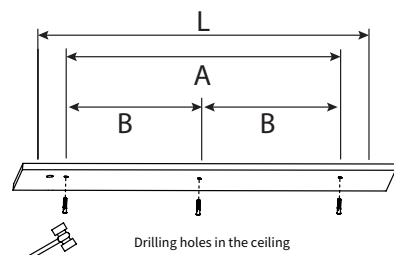
ENGLISH

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.

Mains input connection 220-240V 50/60Hz / Class I



SURFACE MOUNT INSTALLATION



Fitting length(L)	A(mm)	B(mm)
1205	1010	N/A
1505	1310	655

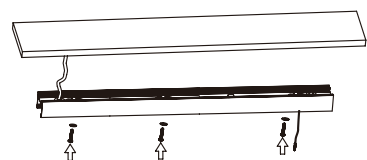


Fig.4.

Secure the main body to the mounting surface, ensuring that mains cable is not trapped when fitting is flush to the surface



Fig.1.

Mark and drill fixing points using the table to the right as a guide. Remove both end caps on the fitting

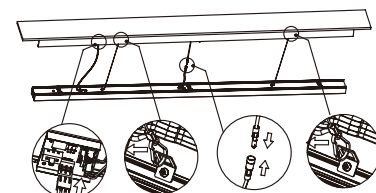
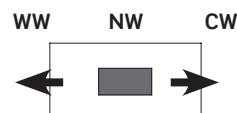


Fig.4.

Re-connect the safety wires, DC connector and earth cable form the top part of the fitting

ALWAYS ISOLATE POWER BEFORE CHANGING COLOUR TEMPERATURE OR WATTAGE



WW = 3000K
NW = 4000K
CW = 5700K

SELECT PREFERRED CCT BY USING THE SELECTOR SWITCH

SELECT PREFERRED POWER SETTING USING THE TABLES DISPLAYED ON THE DRIVER

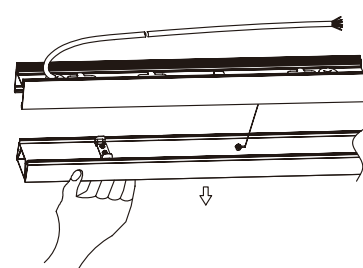


Fig.2.

Separate the top and bottom of the fitting

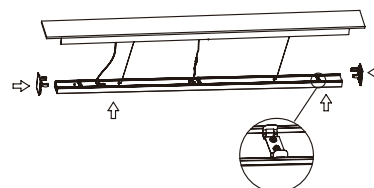


Fig.5.

Refit the front of the fitting to the main body, ensuring secure and all cables are not trapped or damaged. Refit end caps

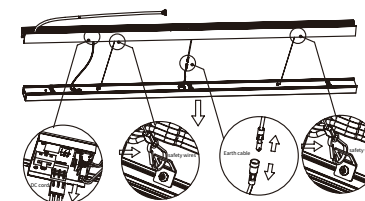


Fig.3.

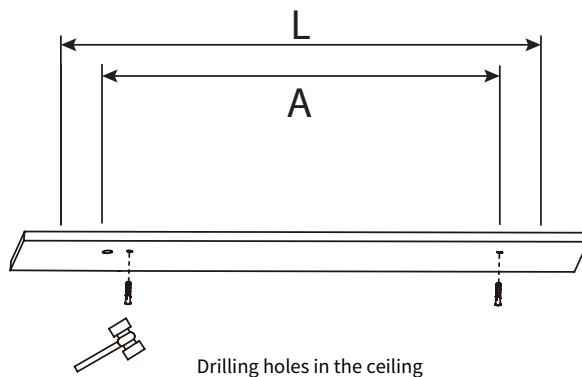
Disconnect the safety wires, DC connector and earth cable form the top part of the fitting



Fig.6.

Turn on mains supply and test for correct operation

SUSPENSION MOUNT INSTALLATION



Drilling holes in the ceiling

Fitting length(L)	A(mm)
1205	1010
1505	1310

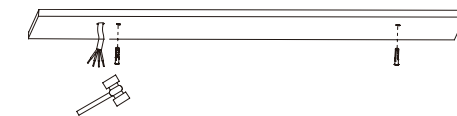


Fig.1.

Mark and drill fixing points using the table to the right as a guide.

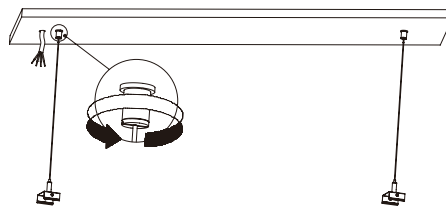


Fig.3.

Screw in the cable retaining caps into the ceiling fixings and adjust the cables to the same length.

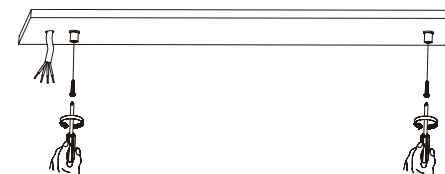


Fig.2.

Secure the suspension ceiling fixings in place.

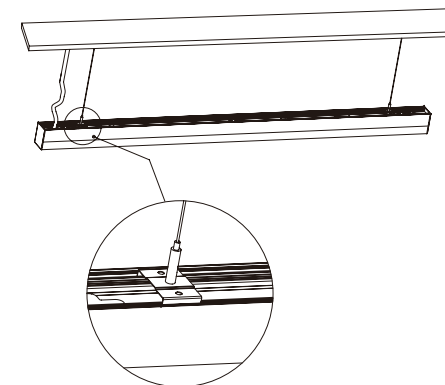


Fig.3.

Fit the brackets onto the back of the fitting, ensuring secure.

CONTINUOUS LENGTHS - JOINING SECTIONS

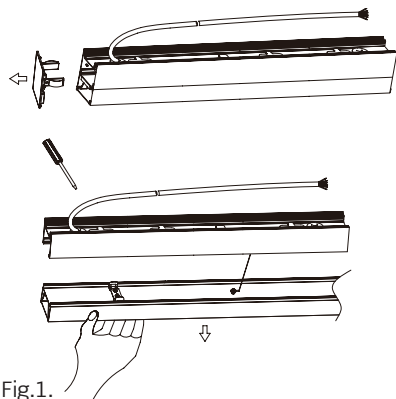


Fig.1.

Remove the end caps and separate the top and bottom of the fitting that are to be connected together.

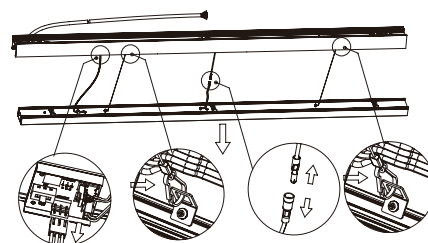


Fig.2.

Disconnect the safety wires, DC connector and earth cable from the top part of the fittings.

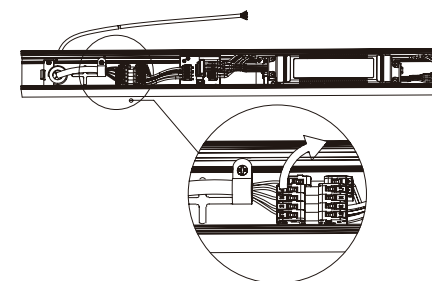


Fig.3.

Disconnect the mains input connector on the second fitting.

CONTINUOUS LENGTHS - JOINING SECTIONS (continued)

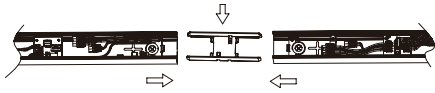


Fig.3.

Line up the two bodies on a flat surface, place the "H" bracket between them and then slide the two bodies onto the "H" bracket.

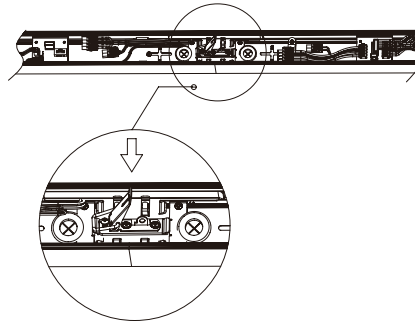


Fig.4.

Secure the two bodies to the "H" bracket with the buckle clamps.

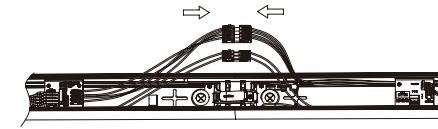


Fig.5.

Connect the mains and dimming control of the two fittings together.

Fig.6.

Refit body and gear tray together and install as required(referencing previous sections)

CONTINUOUS LENGTHS - JOINING CORNERS



Fig.1.

Separate the top and the bottom of the corner section.

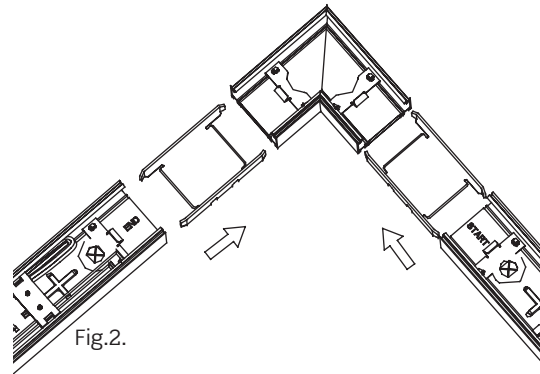


Fig.2.

Follow steps 1-3 in the previous section, then add the base of the corner section between the corner ends and continuous sections.

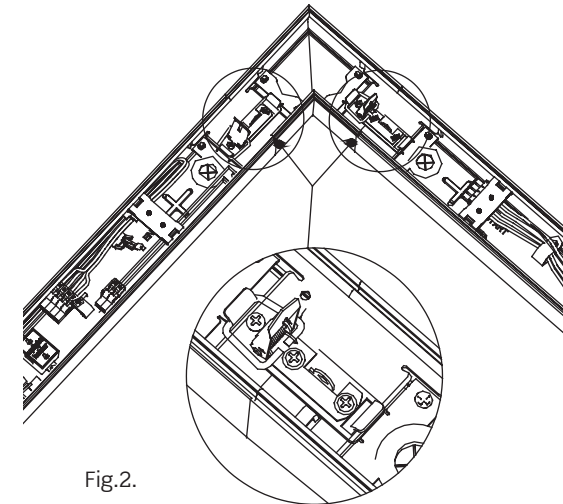


Fig.2.

Push corner and continuous lengths together and secure with the clamps on both sides.

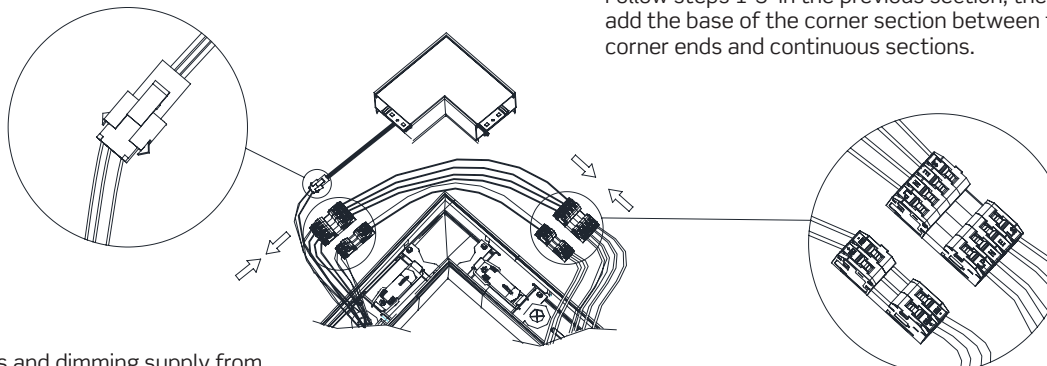
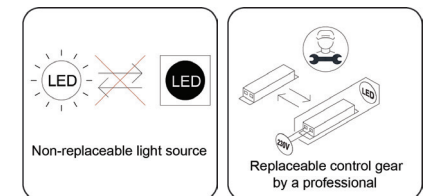


Fig.3.

Connect the mains and dimming supply from one side to the other using the link leads, then connect the DC supply from one side to the LED corner section.

Fig.4.

Re-assemble the bodies and the LED trays, turn on mains and test for correct operation.



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 central power supply shall 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:

- a) 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.
- c) 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

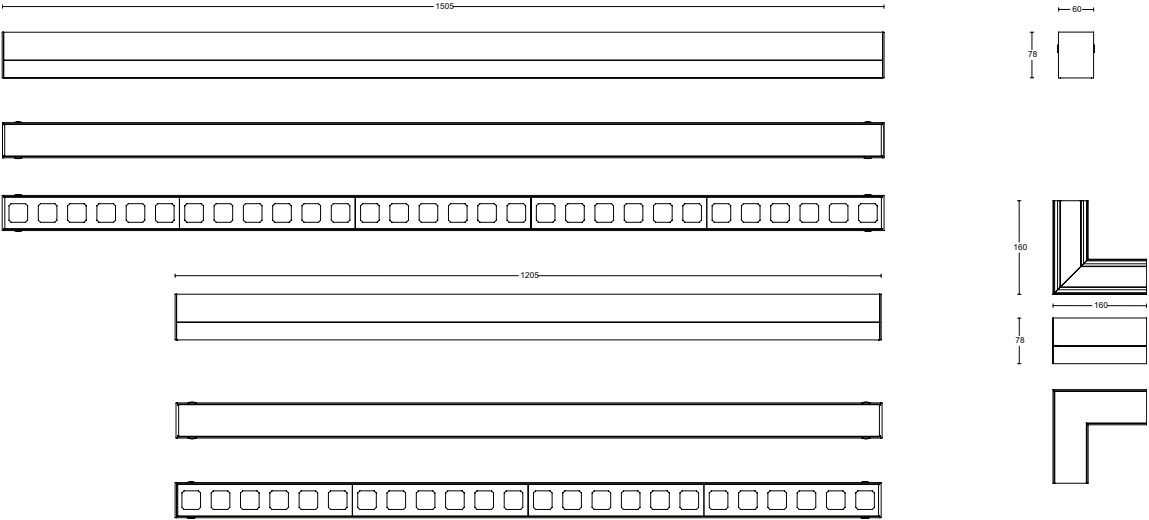
Our products are designed to comply with the requirements of UK law and the relevant industry national and international standards and should not be modified in any way. All emergency lighting systems should comply with the recommendations of BS5266-1: Code of Practice for the Emergency Lighting of Premises 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 and dimensions



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										

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. (5 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.