

## LED Tape Starter Kit

### JC83201

LED Tape

Light source: Integral LED

Total circuit Wattage: 5.2W/M

Lumens: 500Lm/M

Efficacy: 96 LpcW/M

Colour temp: 3000K

Ra: 80

### JC83202

LED Tape

Light source: Integral LED

Total circuit Wattage: 5.2W/M

Lumens: 500Lm/M

Efficacy: 96 LpcW/M

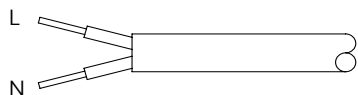
Colour temp: 4000K

Ra: 80

Dimmable as standard

### 200-240V~50/60Hz Class II

Fig.1



CE RoHS Compliant 0.3m **IP65/20\***

\*Tape- IP65 / Driver- IP20

BS EN ISO9001 - 2008  
Registered Firm Certificate No. GB 1552  
Drg No. JC83201-IS Issue: E - 19.05.17 - KB

## Installation Sheet

Please read these instructions before installation and retain for future reference.

### Important Information

It is recommended that luminaires are installed and fitted by a qualified electrician ensuring the installation complies to current IEE wiring regulations and local building control. These products are designed for connection to a 200-240V~ 50/60Hz mains supply. This appliance will be considered Class II. Switch off the mains supply before installation or servicing. This product is for indoor use only. Ensure area surrounding this luminaire is cleared of any flammable substances.

**The light source must be a minimum distance of 0.3m from a lit object. The light source in this luminaire is replaceable: when the light source reaches its end of life the light source can be replaced by the end user.**

Fig.2



Fig.3

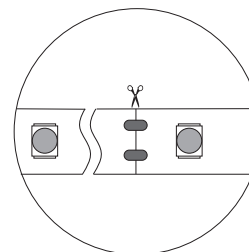


Fig.4

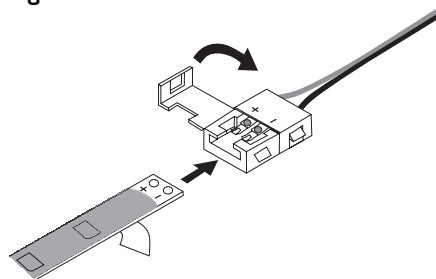
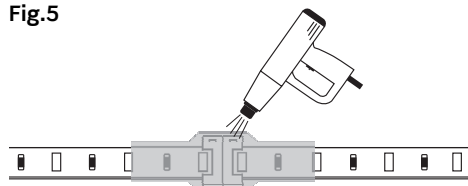


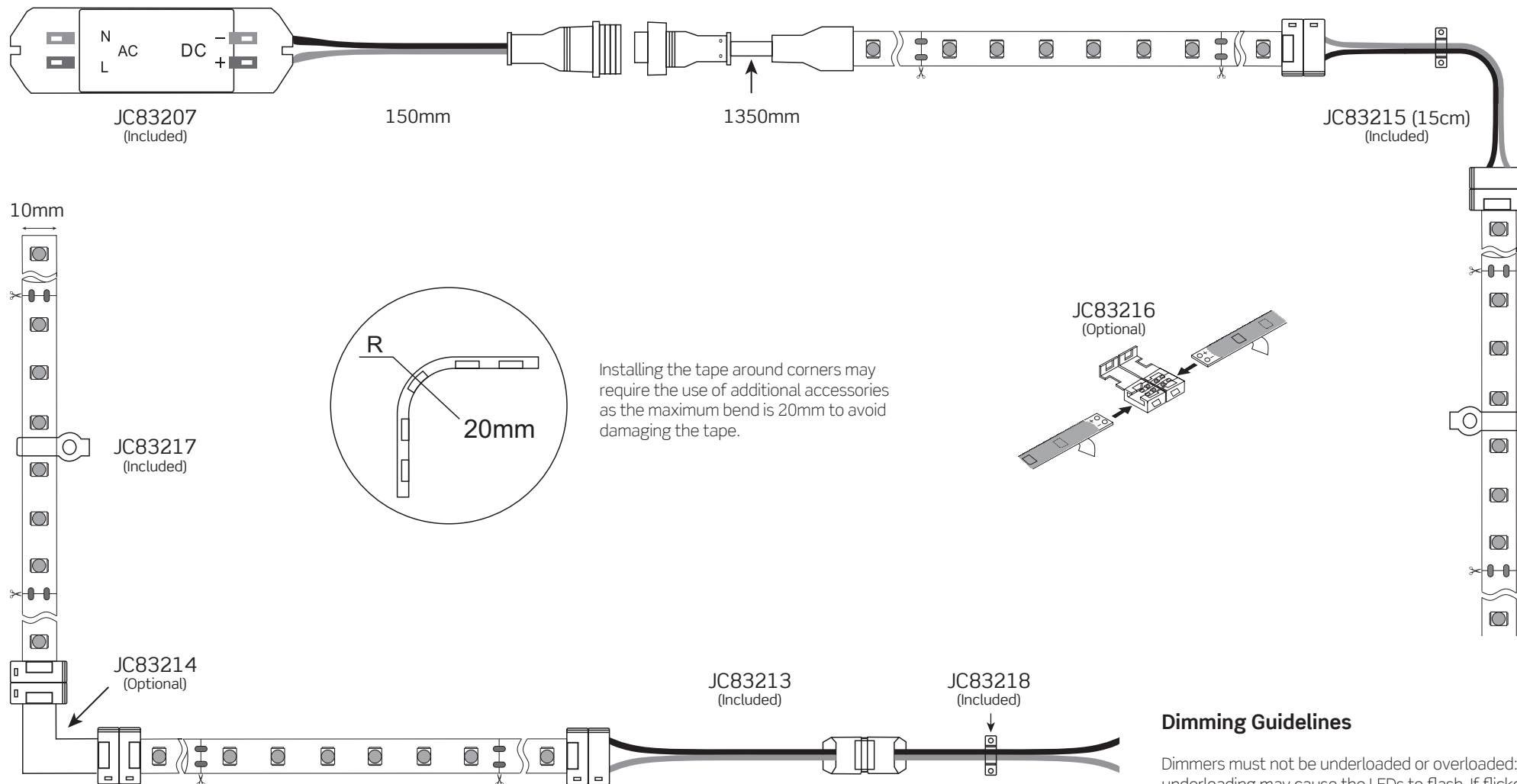
Fig.5



### Installation

Check you have all the tools and accessories required to complete the installation correctly. Isolate the power before installation.

1. Connect driver to mains supply as shown in Fig.1 on the left. Ensure driver is located in a dry location or in a suitable IP rated box. Connect the driver to the LED tape using the female and male connector as shown in Fig.2.
2. When the driver is secured you can start to install the LED tape by removing the sticky back plastic and placing on to a clean flat surface, making sure the tape is secured properly to the surface. Use the PCB retaining clips at regular intervals (a spacing of 200mm is recommended) to ensure security of installed tape.
3. If the tape requires cutting depending on application use the scissor marks on the tape (see Fig.3). To reconnect the tape using the supplied (and optional accessories listed on page 2) accessories, remove 4-5mm of the silicon that seals the LED's using a knife and carefully strip from the tape to expose the copper to ensure a good connection. Once copper is exposed join to the connector by slotting the exposed tape into connector and push down cap (see Fig.4 for reference). To ensure IP rating in maintained each connector requires heat shrink tubing to be placed over each connection as shown in Fig.5.



Installing the tape around corners may require the use of additional accessories as the maximum bend is 20mm to avoid damaging the tape.

**Starter kit contains:**

- 1 x 5m Dimmable LED tape strip
- 1 x **JC83207**: Triac Dimmable LED Driver IP20
- 1 x **JC83213**: Internal Tape to DC cable linking accessory (6 pack)\*
- 1 x **JC83215**: Internal 2 end tape connector with 15cm cable (5 pack)\*
- 1 x **JC83217**: PCB retaining clips (10 pack)
- 1 x **JC83218**: DC Cable retaining clips (10 pack)
- \*(Heat shrink tubing provided for each connector)

**LED Tape accessories:**

- JC83210**: Aluminium surface mount flat profile 1m - Opal diffuser
- JC83211**: Aluminium recessed profile 1m - Opal diffuser
- JC83212**: Aluminium corner profile 1m - Opal diffuser
- JC83214**: Internal L-type quick connector (5 pack)\*
- JC83216**: IP65 direct two end connector (10 pack)\*

**Dimming Guidelines**

Dimmers must not be underloaded or overloaded: underloading may cause the LEDs to flash. If flickering is experienced a different kind of dimmer may be required. Please note: DO NOT perform insulation resistance tests on a lighting circuit with LED lighting or a dimmer switch connected as this could damage the components in the products beyond repair. A slight buzzing noise may be heard from the dimmer switch while in operation, however this is perfectly normal. These notes are intended for guidance only. JCC Lighting accepts no responsibility for unsatisfactory installations or consequent loss or damage howsoever caused.