## Before you begin

- Clean the surface where you plan to attach the LED strip light.
- The smallest unit that can be cut is 100mm - (3 LEDs).
- The LED strip is mounted using double-sided adhesive on the back-surface of the strip.

Safety Information

- Careful not to damage or destroy conducting paths on the circuit board.
- Only authorized personnel should perform installation.
- Ensure correct electrical polarity.
- Serial connection is for a max of 10m or 32'. Longer connections can cause unbalanced voltage drops, and cause hazardous overlord that will damage the strip.

- Parallel connection is recommended for lengths longer than 10m.
- Ensure the power supply has power to operate the total load.
- Pay attention to standard ESD precautions when installing the LED strip.
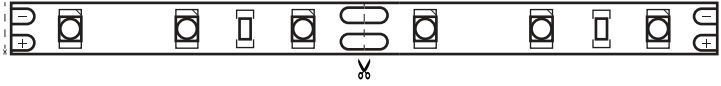- Careful not to mechanically stress the LED strips' components.
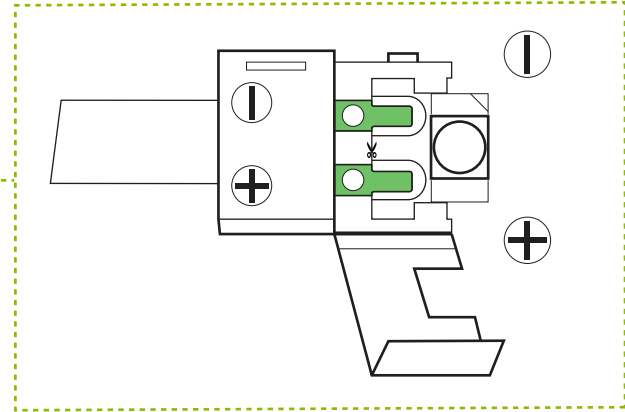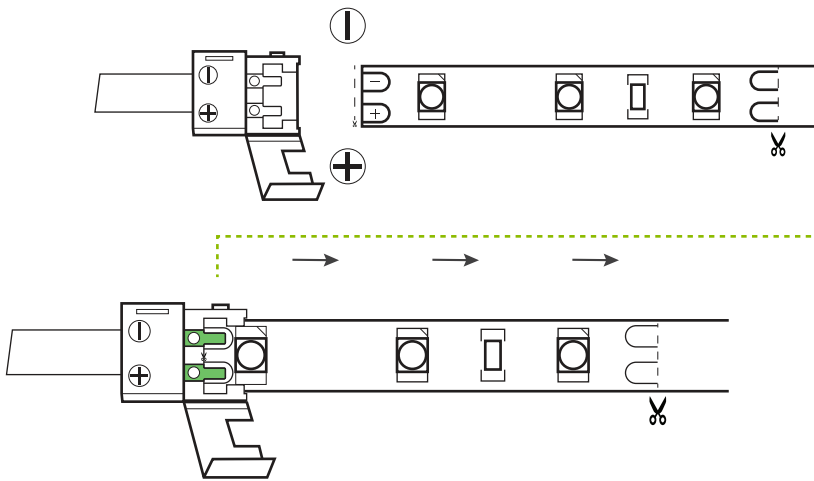
DRY LOCATION MOUNT TAPE LIGHT

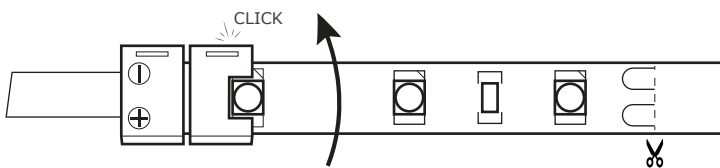**2** Tear off along connector edge

1 Remove adhesive tape
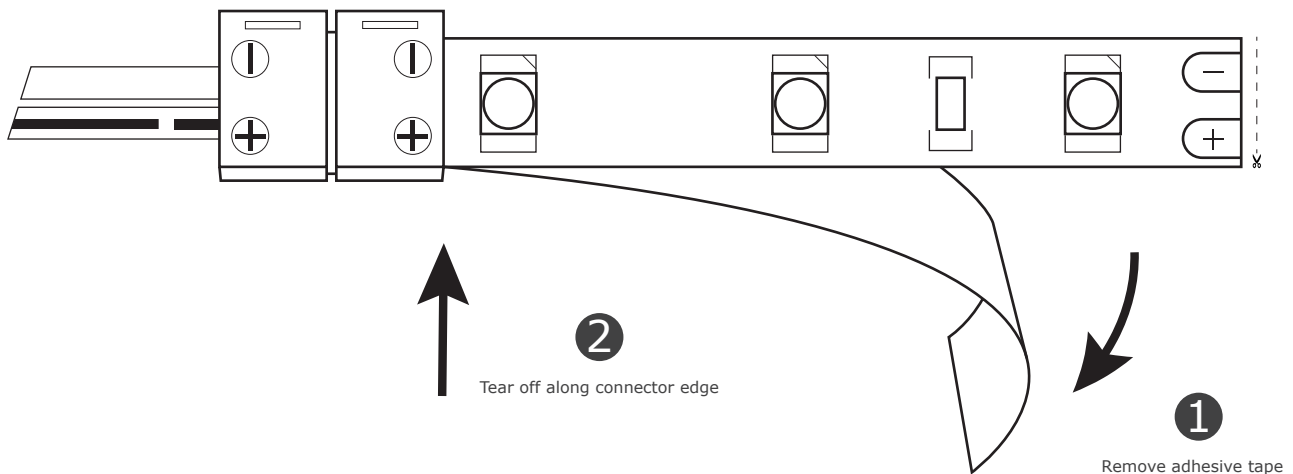
**1** **Step 1:** Cut the LED strip to desired length. Make cut along the clearly marked cut line.

2 **Step 2:** Open connector, determine orientation for correct polarity and insert the LED strip into connector.

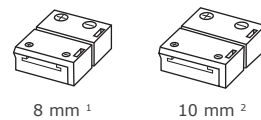**3** **Step 3:** Firmly close connector. This will crimp the LED strip and hold it into place.

CLICK

4 **Step 4:** Remove adhesive tape and install the LED strip.

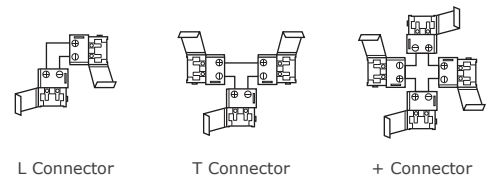Tear off along connector edge

Remove adhesive tape
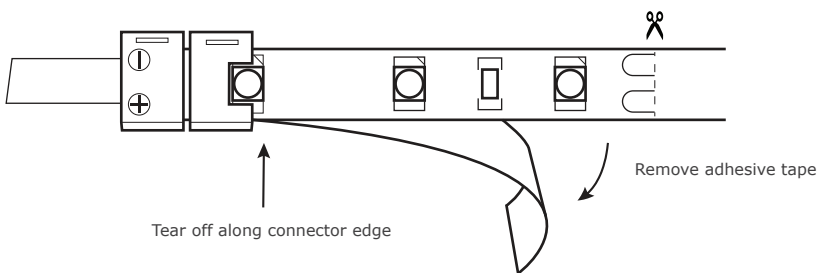
Quick Connectors

WIDTH

¹ NFX1 / NFX2 / HFX
² BID

8 mm ¹   10 mm ²
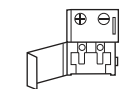
TYPE OF CONNECTOR

L Connector   T Connector   + Connector

Static - 2 wires   RGB - 4 wires
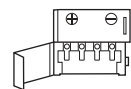
AC Power
50/60 Hz

Class 2 Low Voltage
Plug-In Adapter (Driver)

Inline Accessory
(Extensions, splitters, controls, etc.)

Insertion points for
DC Accessories

LED Tape Light / Fixture

Tape Light DC Plug Connector
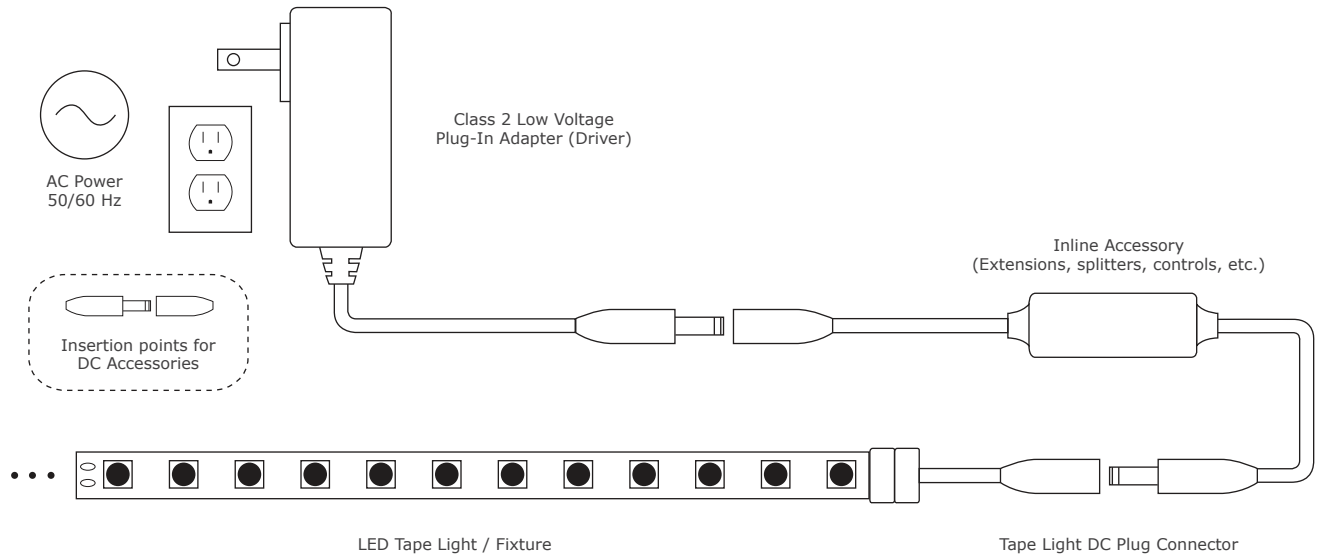
TRADITIONAL ON/OFF SYSTEM

AC Power
50/60 Hz

L
N
G*
INPUT

OUTPUT
V+
V-

120VAC On/Off Switch

Class 2 Low Voltage Driver
Installed in Junction Box

V-
V+

V-
V+

Install applicable wire gauge / type

LED Tape Light / Fixture

DIMMABLE DRIVER SYSTEM

120VAC or 277VAC
Magnetic Low Voltage Dimmer

Dimmable Driver

*Some dimmers may require

AC Power
50/60 Hz

L (Black)

V+ (Red)

N (White)

V- (Blue)

GND (Green)

*Additional neutral wire connection

Install applicable wire gauge / type

V-

V+

V-

V+

LED Tape Light / Fixture
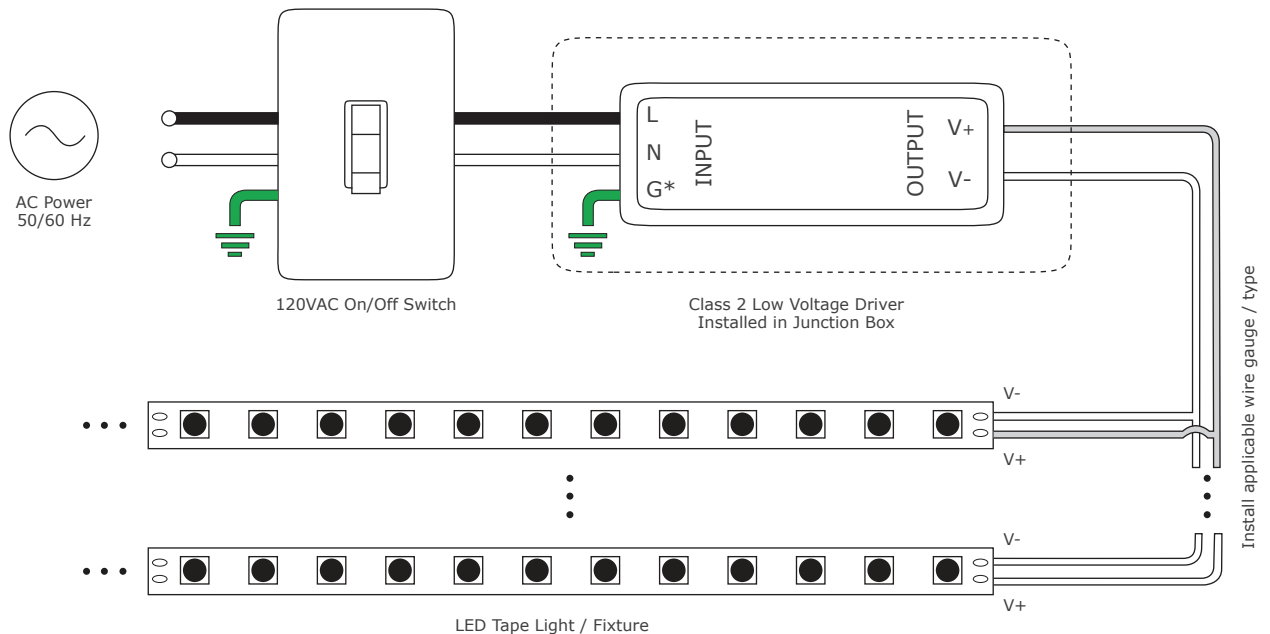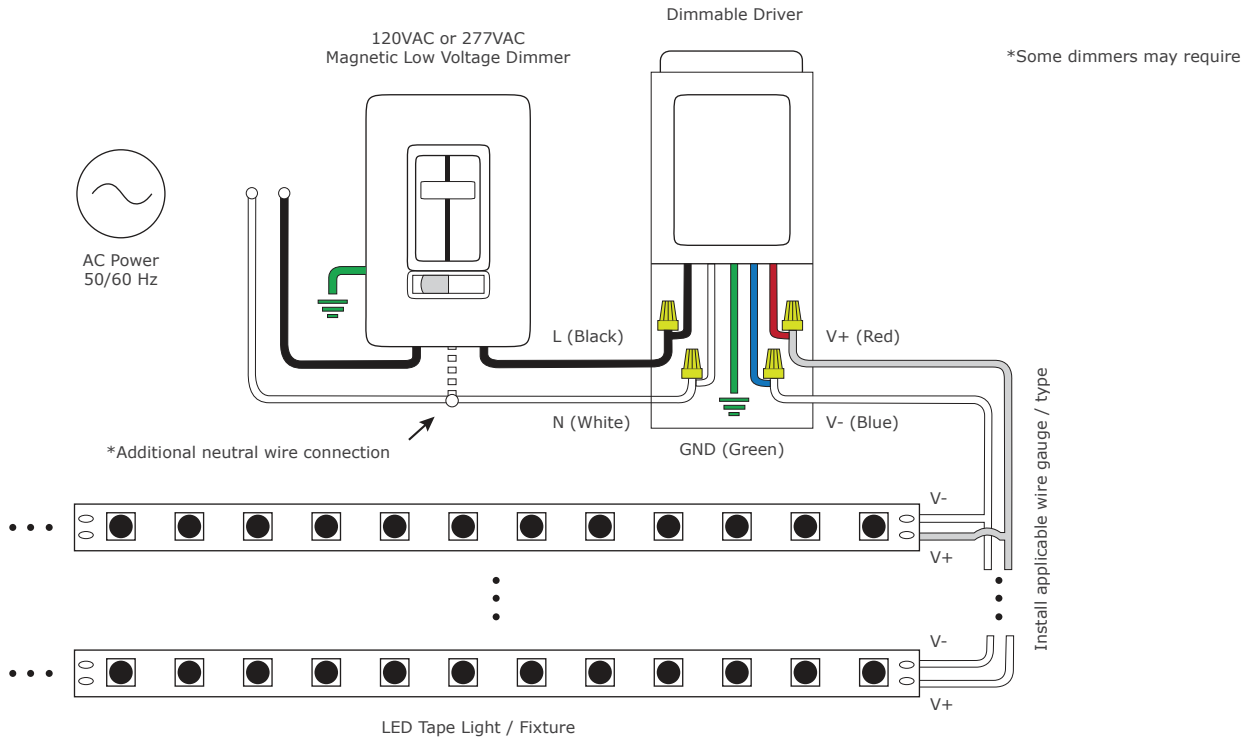
RGB/RGBW COLOUR CONTROL SYSTEM

AC Power
50/60 Hz

L
N
G*
INPUT

OUTPUT
V+
V-

Class 2 Low Voltage Driver
Installed in Junction Box

Install applicable wire gauge / type

Address Setting

GC-1009

Output
R G B W V+

Power
DC+ DC-

V-   V+

V+
W
R
G
B

RGB (RGBW) Strip Light / Fixture

RGB (RGBW) Controller