VIVID C12: 24V

Wiring Diagram - Static Whites

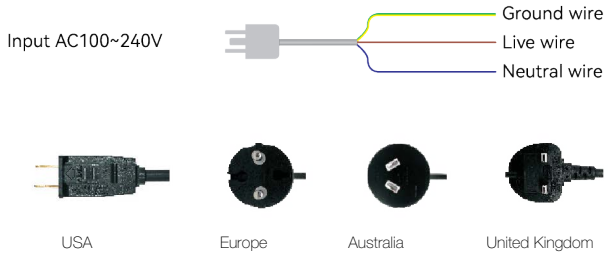
1. Please use a constant voltage power supply with corresponding output voltage, and rated wattage of the power supply shall be 25% more than the actual power consumption of light to increase its life expectancy;

2. A compatible controller is required to achieve various light changing effects;

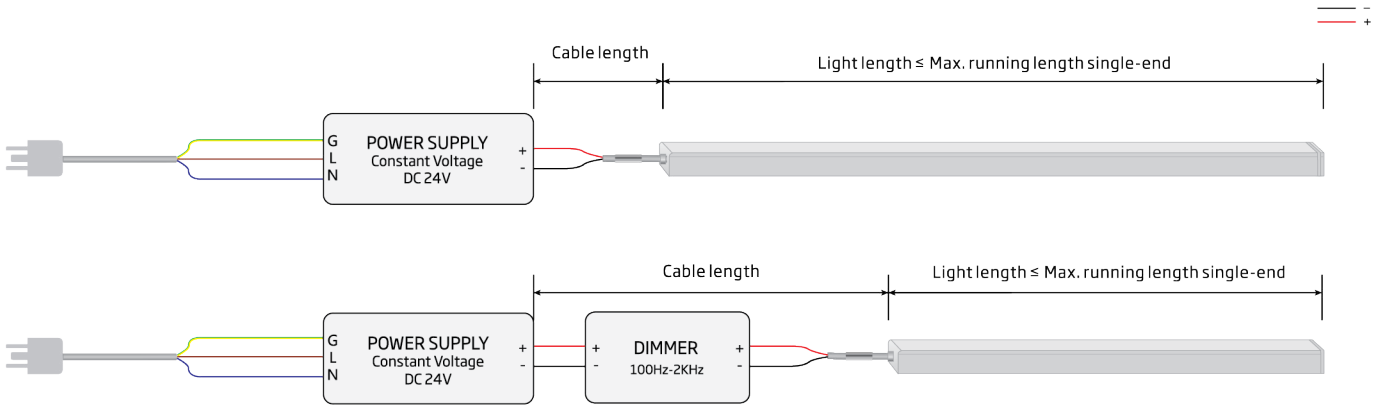
3. The rated power of controller/decoder shall be higher than the actual power consumption of light; its frequency range shall be 100~2000Hz, and 500Hz is recommended;

4. This wiring diagram is using the mains of AC230V with brown and blue wires as an example, and please connect with the corresponding live and neutral wires for other mains electricity;

5. Types of standard plugs available from factory if exit and plug is selected in connectors.



WIRING - STATIC - SINGLE



LIGHT LENGTH

The length of the longest single light in parallel connection or sum of lights in series connection.

CABLE LENGTH

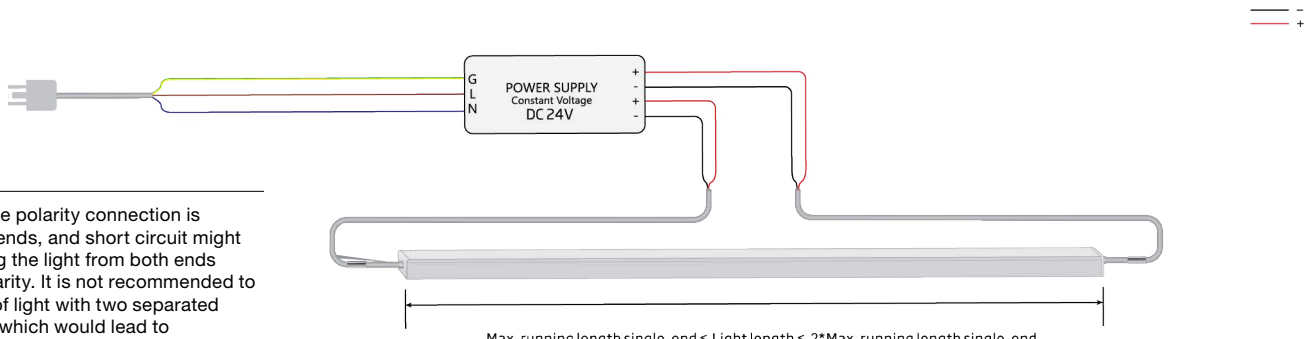
The length of an electrical cable between power output end and light input end, and the cables for serial interconnection are inclusive.

VIVID C12: 24V

Wiring Diagram - Static Whites

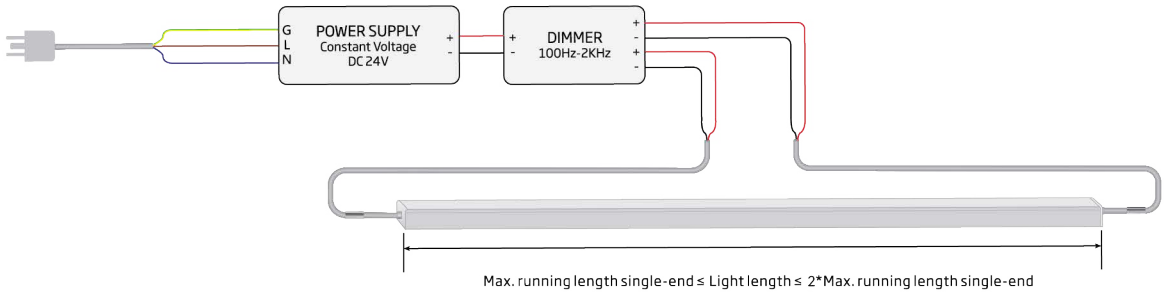
WIRING - STATIC - DOUBLE

The following wiring diagram with 2 conntectors to run length that is longer than max. running length for 1 connector but less than twice the value.



WARNING

Please ensure the polarity connection is correct on both ends, and short circuit might occur if powering the light from both ends with reverse polarity. It is not recommended to feed both ends of light with two separated power supplies, which would lead to overloading and overheating problem if either power supply is failed.



LIGHT LENGTH

The length of the longest single light in parallel connection or sum of lights in series connection.

CABLE LENGTH

The length of an electrical cable between power output end and light input end, and the cables for serial interconnection are inclusive.

VIVID C12: 24V

Wiring Diagram - Tunable Whites

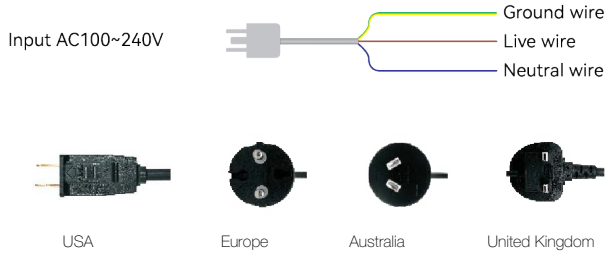
1. Please use a constant voltage power supply with corresponding output voltage, and rated wattage of the power supply shall be 25% more than the actual power consumption of light to increase its life expectancy;

2. A compatible controller is required to achieve various light changing effects;

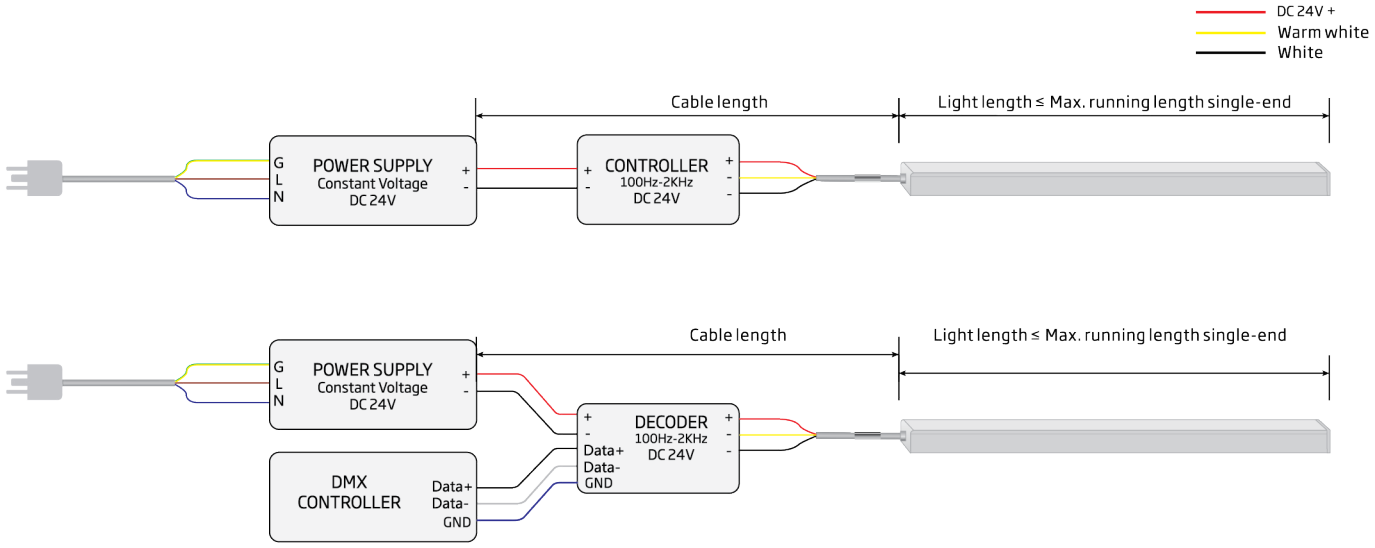
3. The rated power of controller/decoder shall be higher than the actual power consumption of light; its frequency range shall be 100~2000Hz, and 500Hz is recommended;

4. This wiring diagram is using the mains of AC230V with brown and blue wires as an example, and please connect with the corresponding live and neutral wires for other mains electricity;

5. Types of standard plugs available from factory if exit and plug is selected in connectors.



WIRING - TUNABLE - SINGLE



LIGHT LENGTH

The length of the longest single light in parallel connection or sum of lights in series connection.

CABLE LENGTH

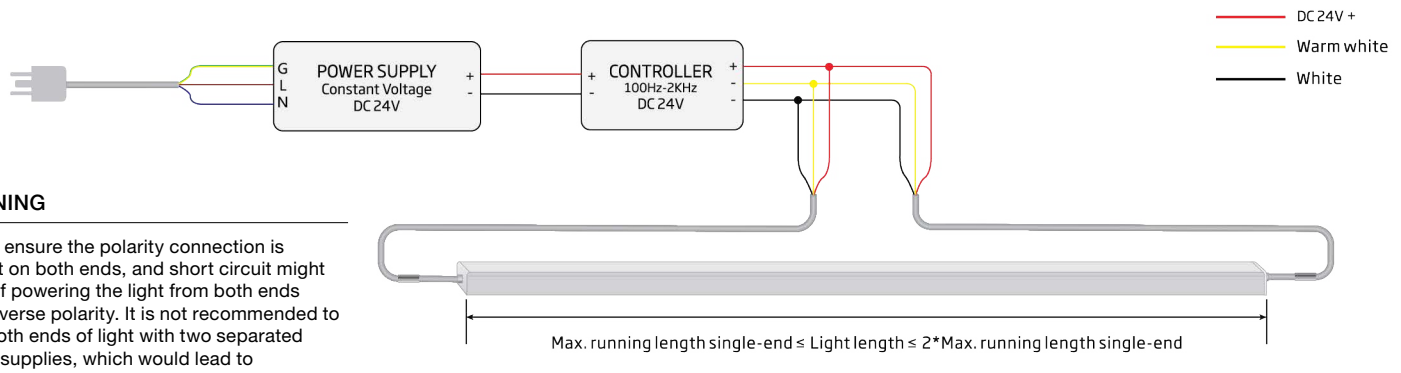
The length of an electrical cable between power output end and light input end, and the cables for serial interconnection are inclusive.

VIVID C12: 24V

Wiring Diagram - Tunable Whites

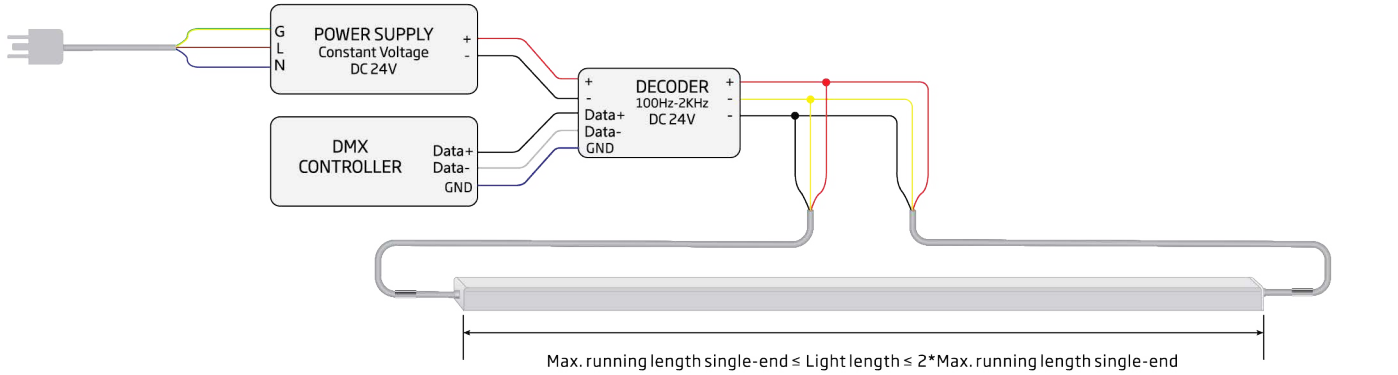
WIRING - TUNABLE - DOUBLE

The following wiring diagram with 2 conntectors to run length that is longer than max. running length for 1 connector but less than twice the value.



WARNING

Please ensure the polarity connection is correct on both ends, and short circuit might occur if powering the light from both ends with reverse polarity. It is not recommended to feed both ends of light with two separated power supplies, which would lead to overloading and overheating problem if either power supply is failed.



LIGHT LENGTH

The length of the longest single light in parallel connection or sum of lights in series connection.

CABLE LENGTH

The length of an electrical cable between power output end and light input end, and the cables for serial interconnection are inclusive.

VIVID C12: 24V

Wiring Diagram - RGB

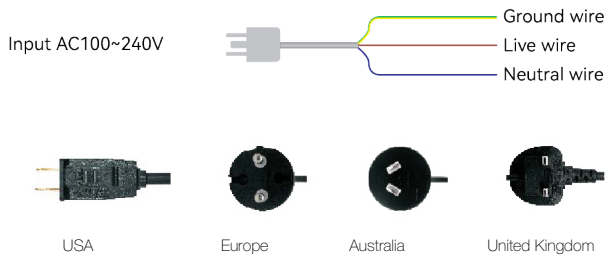
1. Please use a constant voltage power supply with corresponding output voltage, and rated wattage of the power supply shall be 25% more than the actual power consumption of light to increase its life expectancy;

2. A compatible controller is required to achieve various light changing effects;

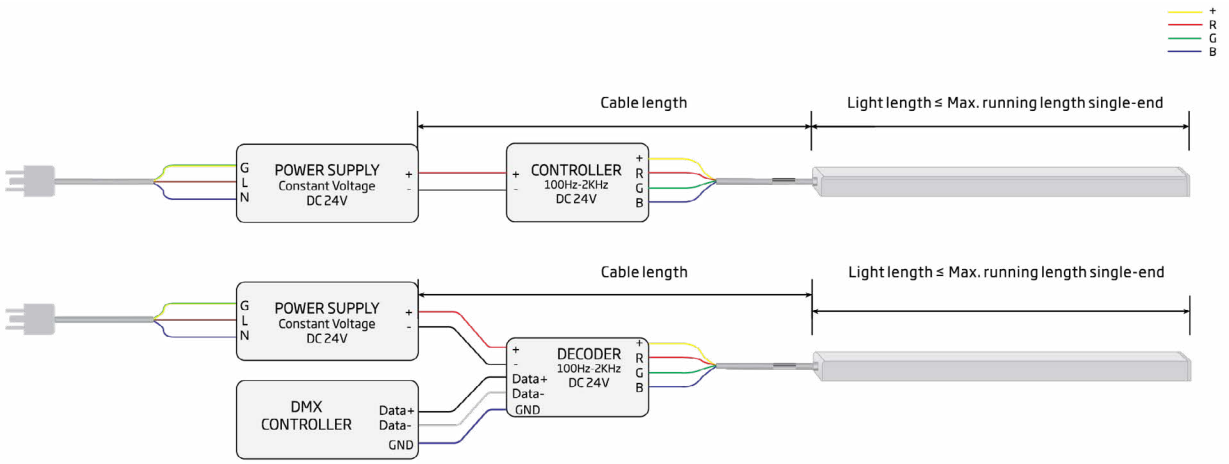
3. The rated power of controller/decoder shall be higher than the actual power consumption of light; its frequency range shall be 100~2000Hz, and 500Hz is recommended;

4. This wiring diagram is using the mains of AC230V with brown and blue wires as an example, and please connect with the corresponding live and neutral wires for other mains electricity;

5. Types of standard plugs available from factory if exit and plug is selected in connectors.



WIRING - RGB - SINGLE



LIGHT LENGTH

The length of the longest single light in parallel connection or sum of lights in series connection.

CABLE LENGTH

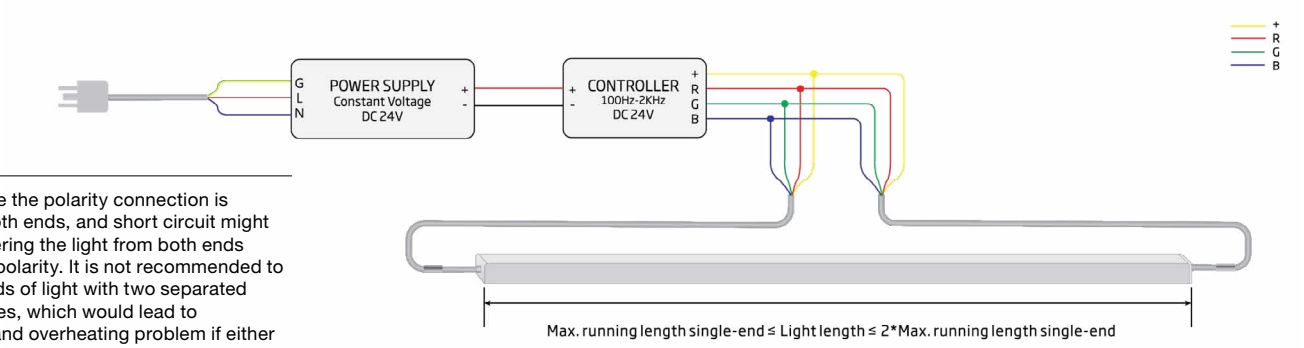
The length of an electrical cable between power output end and light input end, and the cables for serial interconnection are inclusive.

VIVID C12: 24V

Wiring Diagram - RGB

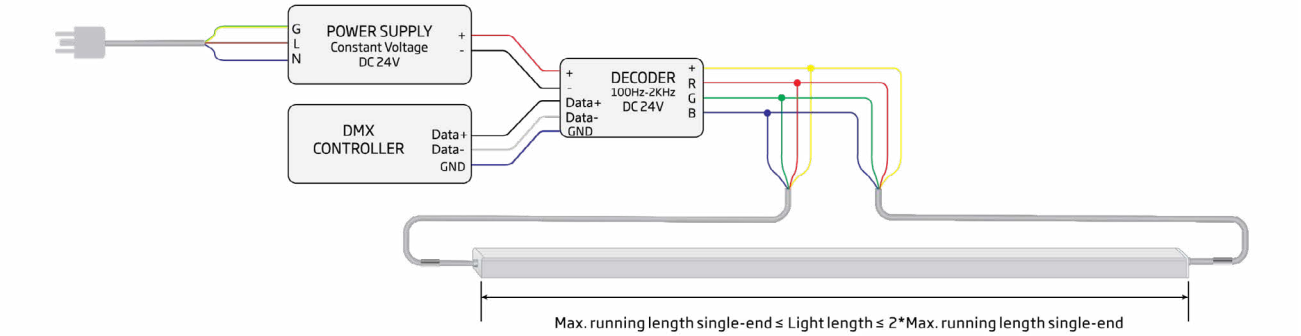
WIRING - RGB - DOUBLE

The following wiring diagram with 2 conntectors to run length that is longer than max. running length for 1 connector but less than twice the value.



WARNING

Please ensure the polarity connection is correct on both ends, and short circuit might occur if powering the light from both ends with reverse polarity. It is not recommended to feed both ends of light with two separated power supplies, which would lead to overloading and overheating problem if either power supply is failed.



LIGHT LENGTH

The length of the longest single light in parallel connection or sum of lights in series connection.

CABLE LENGTH

The length of an electrical cable between power output end and light input end, and the cables for serial interconnection are inclusive.

VIVID C12: 24V

Wiring Diagram - RGBW

1. Please use a constant voltage power supply with corresponding output voltage, and rated wattage of the power supply shall be 25% more than the actual power consumption of light to increase its life expectancy;

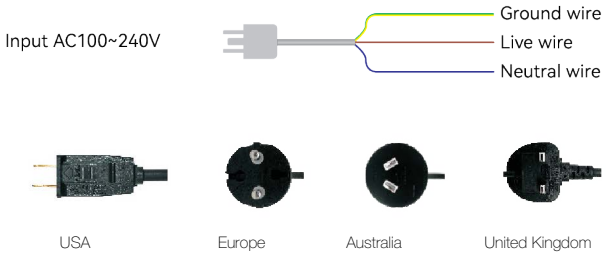
2. A compatible controller is required to achieve various light changing effects;

3. The rated power of controller/decoder shall be higher than the actual power consumption of light; its frequency range shall be 100~2000Hz, and 500Hz is recommended;

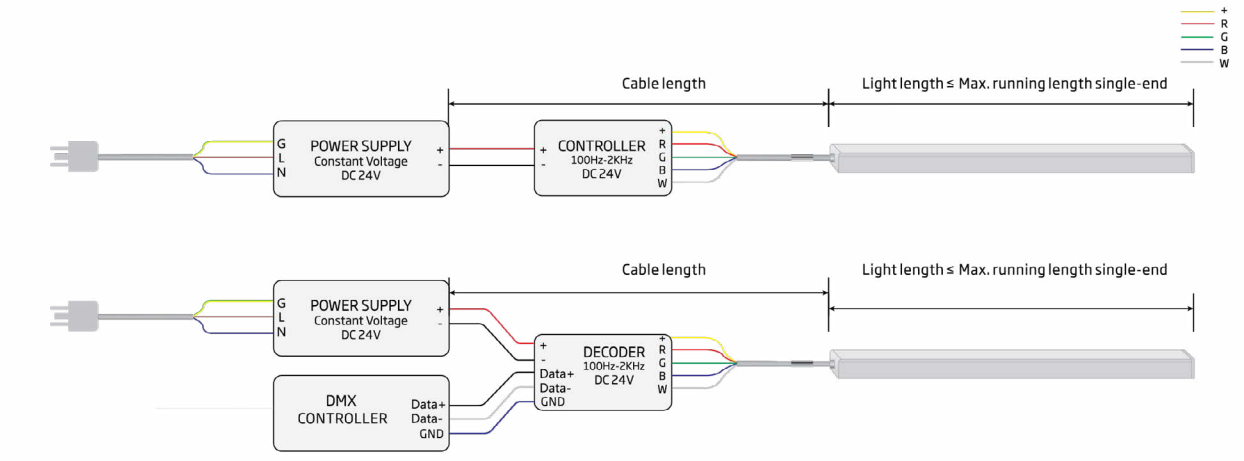
4. Full loading in RGBW is not recommended to avoid the overheating of light.

5. This wiring diagram is using the mains of AC230V with brown and blue wires as an example, and please connect with the corresponding live and neutral wires for other mains electricity;

6. Types of standard plugs available from factory if exit and plug is selected in connectors.



WIRING - RGBW - SINGLE



LIGHT LENGTH

The length of the longest single light in parallel connection or sum of lights in series connection.

CABLE LENGTH

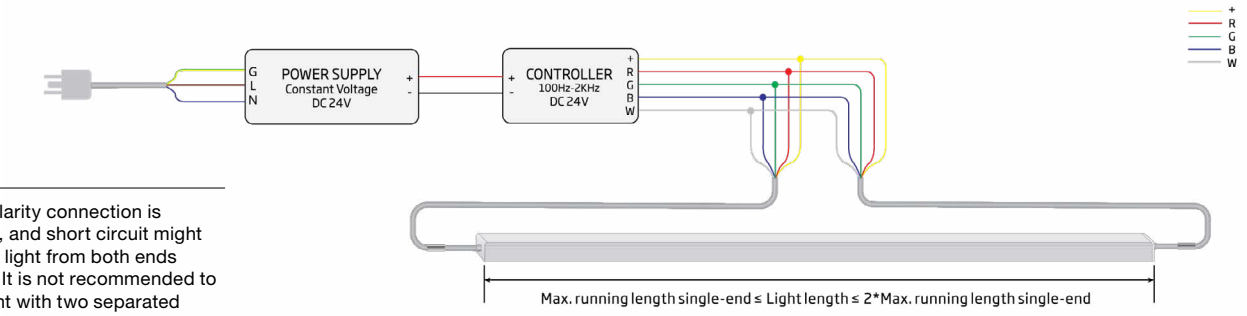
The length of an electrical cable between power output end and light input end, and the cables for serial interconnection are inclusive.

VIVID C12: 24V

Wiring Diagram - RGBW

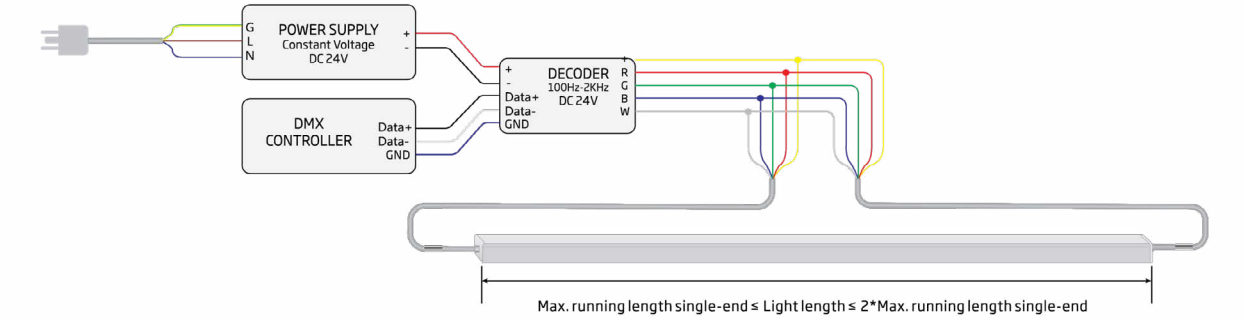
WIRING - RGBW - DOUBLE

The following wiring diagram with 2 conntectors to run length that is longer than max. running length for 1 connector but less than twice the value.



WARNING

Please ensure the polarity connection is correct on both ends, and short circuit might occur if powering the light from both ends with reverse polarity. It is not recommended to feed both ends of light with two separated power supplies, which would lead to overloading and overheating problem if either power supply is failed.



LIGHT LENGTH

The length of the longest single light in parallel connection or sum of lights in series connection.

CABLE LENGTH

The length of an electrical cable between power output end and light input end, and the cables for serial interconnection are inclusive.