Navara Bespoke IP20 LED Strip

Read these instructions before commencing installation & retain them for future reference.

IP20 ⬧ CE 12V 5.8W Per Metre

Important Information

It is recommended that luminaires are installed and fitted by a qualified electrician ensuring the installation complies to current IEE wiring regulations & local building control. These products are designed for connection to a suitable 12V DC Low Voltage supply. Any damaged parts should be replaced as soon as possible. KSR will not accept responsibility for any claims arising from a sub-standard installation.

Important User Advice

Always switch off mains supply before servicing.
The LED strip can be cut on the indicated cut lines only if required.

Installation Procedure
KSR recommend that you familiarize yourself with the connections and suitable locations for the IP20 rated strip and driver.
Disconnect and isolate the mains supply.
Ensure that the surface to be adhered to is clean, dry and well unified we recommend wiping with a cleaning solvent i.e. isopropyl alcohol.
For best results the temperature should be between 21°C and 38°C, applying below 10°C is not recommended due to the adhesive becoming too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.
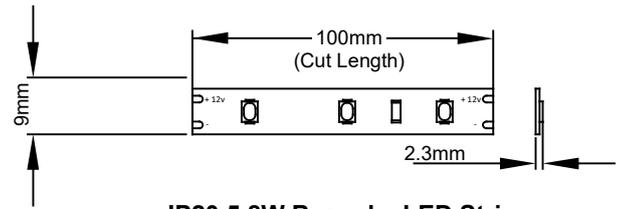Select your 12VDC constant voltage driver and connectors as required.
Peel the backing from the adhesive tape and applying reasonable pressure stick the LED strip to the location required care should be t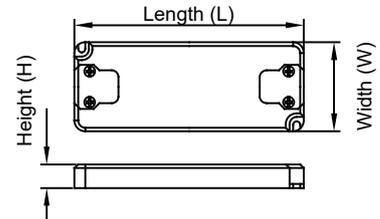aken to avoid damaging the strip. Please note that the minimum bend radius is 30mm, anything less than this will damage the LED strip.
Connect the LED strip to the driver ensuring correct polarity (Fig. 1) and the driver to the mains supply.
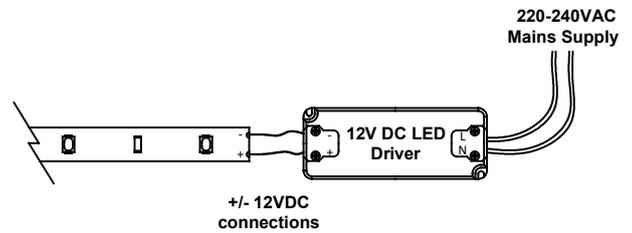Re-connect the mains supply and test.

IP20 5.8W Bespoke LED Strip

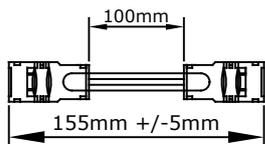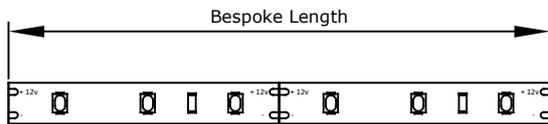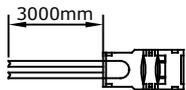|	Input	Wattage	Max Tape Run	Dimensions Length x Width x Height
KSRDL297	220-240VAC 50/60Hz	12W	1.5M	128mm(L) x 50mm (W) x 13mm (H)
KSRDL298	220-240VAC 50/60Hz	30W	4.5M	155mm(L) x 54mm (W) x 16mm (H)
KSRDL299	220-240VAC 50/60Hz	50W	8M	185mm(L) x 62mm (W) x 22mm (H)

Fig. 1

Important Information

When using profile bars with the 12v LED strip solder connections must be made as strip connectors will not fit into the profile bar. When making solder connections it is recommended that this is done by competantly trained operator.
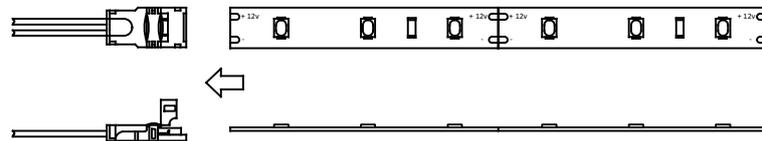
For Tape Operation you will require:

- 1x 3m 20AWG Cable with a wire to strip connector
- Optional - KSR95110 100mm 20AWG Cable strip to strip connector
- Bespoke Length(s) of tape max length not exceeding 10m
- 12V Constant Voltage Driver

Connecting the LED strip

Step 1 - Connect you 3m tail to the start of your LED tape run

- Push the the start of you LED tape into the connector ensuring it is inserted fully
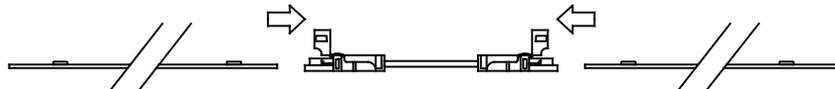
- With the tape fully inserted push down the LED strip onto the the teeth inside the connector. This will ensure the tape does not come loose when closing the connector cover

- Snap cover shut and ensure tape is gripped tight in connector. (May require Pliers to Crimp Shut)
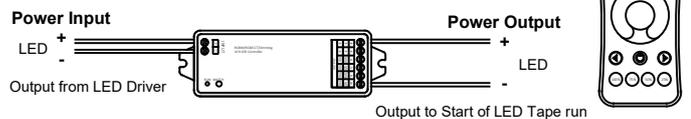
Step 2 - Connecting strip to strip

- For a strip to strip connection use the 100mm connectors where required to make secure connections, however when using profile bars with the LED tape the connections must be made via soldering

Step 3 - Dimmable controls

- For dimmable applications use a KSR9564 with a KSR9566

Power Input / Power Output

LED + / Output from LED Driver / LED + / Output to Start of LED Tape run

KSR Lighting Aftersales: 023 92 674343
E-mail: aftersales@ksrlighting.com

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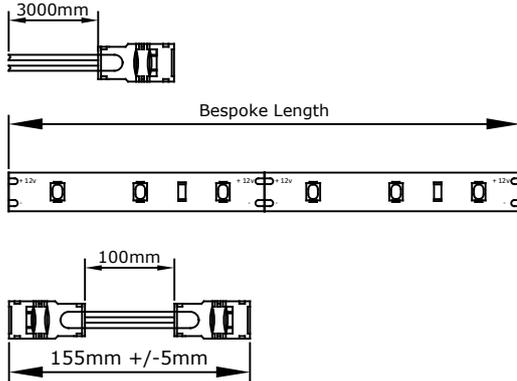# IP20 ⬙ C€ 12V 5.8W Per Metre

Important Information

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It is recommended before fitting the WiZ CV Controller that you download the app and connect the device to your WiFi to ensure your WiFi connection is good before fully installing.
Ensure controller is in an environment where signal cannot be attenuated or interrupted ie Metal Enclosure.

Never install these controllers on a circuit with a dimmer as this will damage the electronics, dimming is available within the app.
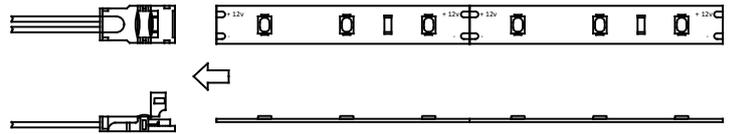
For Tape Operation you will require:

- 1x 3m 20AWG Cable with a wire to strip connector
- Optional - KSR95110 100mm 20AWG Cable strip to strip connector
- Bespoke Length(s) of tape max length not exceeding 10m
- 12V Constant Voltage Driver

3000mm

Bespoke Length

100mm

155mm +/-5mm

Connecting the LED strip

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- Push the the start of you LED tape into the connector ensuring it is inserted fully

- With the tape fully inserted push down the LED strip onto the the teeth inside the connector. This will ensure the tape does not come loose when closing the connector cover

- Snap cover shut and ensure tape is gripped tight in connector. (May require Pliers to Crimp Shut)
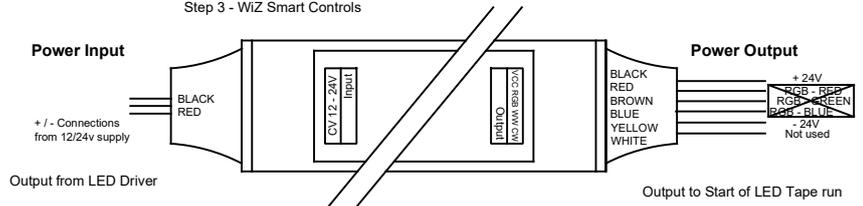
Step 2 - Connecting strip to strip

- For a strip to strip connection use the 100mm connectors where required to make secure connections, however when using profile bars with the LED tape the connections must be made via soldering

Step 3 - WiZ Smart Controls

Power Input
BLACK
RED
+ / - Connections from 12/24v supply
Output from LED Driver

CV 12 - 24V Input
VCC RGB WW CW Output

Power Output
BLACK
RED
BROWN
BLUE
YELLOW
WHITE
+ 24V
RGB - RED
RGB - GREEN
RGB - BLUE
- 24V
Not used
Output to Start of LED Tape run

1 **DOWNLOAD FREE WIZ APP**
Download on the App Store / GET IT ON Google Play
Search for "WiZ Connected"

2 **INSTALL AND PAIR LIGHT OR DEVICE**
Follow the on-screen steps in the app to complete setup.

3 **ENJOY BEING CONNECTED**
Share with family and friends.

Need more help? Browse the in app comprehensive. FAQ section in the settings tab or live chat with WiZ via the in-app 24/7 chat support