


Installation Sheet Navara Bespoke IP65 LED Strip

Navara External IP65 LED Strip

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

IP65  **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 IP65 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.

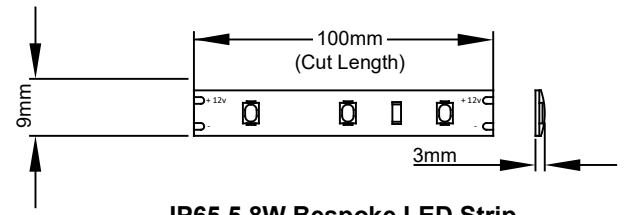
For best results the temperature should be between 21°C and 38°C, applying below 10°C is not recommended due to the adhesive becoming too firm to adhere readily.

However, once properly applied, low temperature holding is generally satisfactory. Select your 12VDC constant voltage driver and connectors as required.

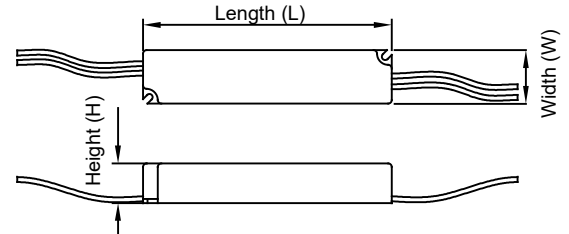
Peel the backing from the adhesive tape and applying reasonable pressure stick the LED strip to the location required care should be taken to avoid damaging the strip. Please note that the minimum bend radius is 30mm, anything less than this will damage the LED strip.

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.

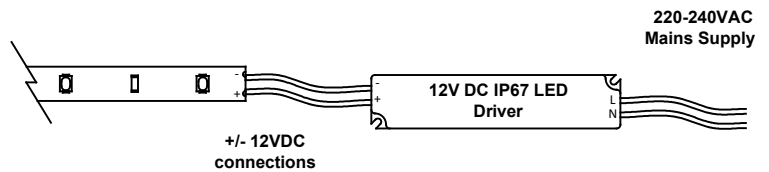


IP65 5.8W Bespoke LED Strip



| | Input | Wattage | Max Tape Run | Dimensions Length x Width x Height |
|----------|--------------------|---------|--------------|---------------------------------------|
| KSRDL283 | 220-240VAC 50/60Hz | 12W | 1.5M | 141mm(L) x 31mm (W) x 22mm (H) |
| KSRDL285 | 220-240VAC 50/60Hz | 35W | 5M | 150mm(L) x 40mm (W) x 30mm (H) |
| KSRDL286 | 220-240VAC 50/60Hz | 60W | 10M | 165mm(L) x 42mm (W) x 32mm (H) |

Fig. 1



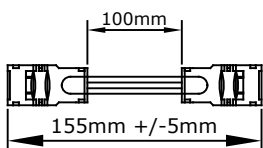
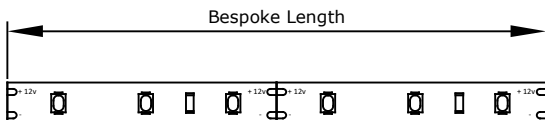
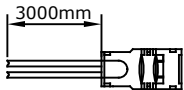
Important Information

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 a competent trained operator.

Please note the controller and Remote are not suitable for outdoor use or use in wet areas, suitable precautions will be required to ensure the device does not have water damage ie Plastic IP rated enclosure

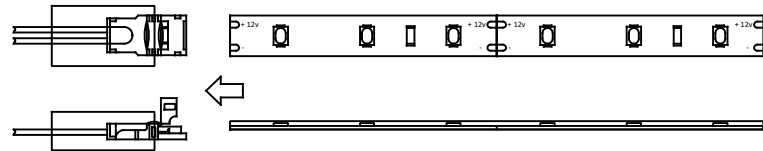
For Tape Operation you will require:

- 1x 3m 20AWG Cable with a wire to strip connector with IP65 heat shrink tubing (to be set in place by installer)
- Optional - KSR95111 100mm 20AWG Cable strip to strip connector
- Bespoke Length(s) of tape max length not exceeding 10m
- 12V IP67 Constant Voltage Driver



Connecting the LED strip

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

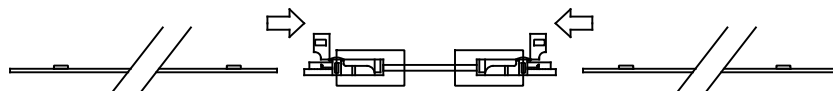


- Push the the start of you LED tape into the connector ensuring it is inserted fully
- With the tape fully inserted push down the LED strip onto the the teeth inside the connector. This will ensure the tape does not come loose when closing the connector cover
- Snap cover shut and ensure tape is gripped tight in connector. (May require Pliers to Crimp Shut)
- With IP65 tubing already supplied and cut to size now needs to be positioned over the connector as shown above and heat shrunk in place to create a water tight seal. there should be no air gaps between the tape heat shrink tubing



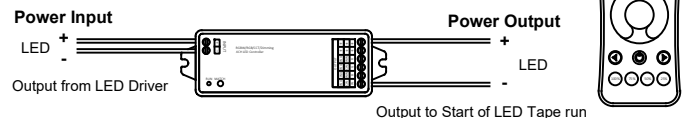
Step 2 - Connecting strip to strip

- 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



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Bespoke



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IP65 12V 5.8W Per Metre

Important Information

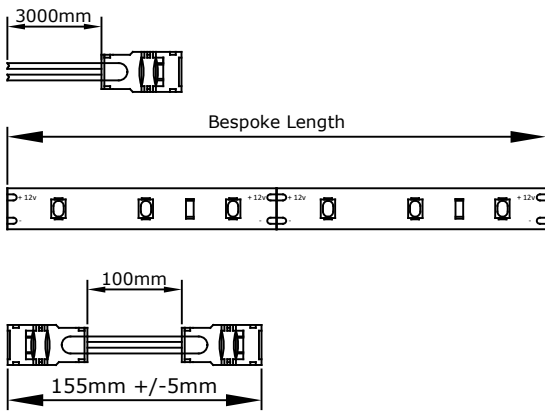
When using profile bars with the 12v LED strip solder connections must be made as strip connectors will not fit into the profile bar. When making solder connections it is recommended that this is done by a competently trained operator.

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. **Please note the CV controller is not suitable for outdoor use or use in wet areas, suitable precautions will be required to ensure the device does not have water damage ie Plastic IP rated enclosure**

Never install these controllers on a circuit with a dimmer as this will damage the electronics, dimming is available within the app.

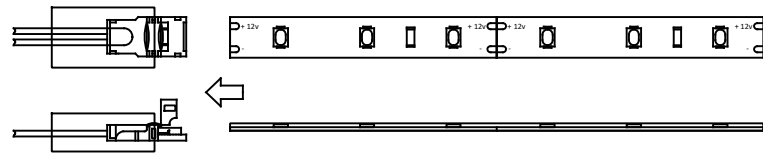
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- Optional - KSR95111 100mm 20AWG Cable strip to strip connector
- Bespoke Length(s) of tape max length not exceeding 10m
- 12V IP67 Constant Voltage Driver



Connecting the LED strip

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

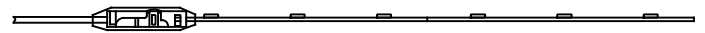


- Push the the start of you LED tape into the connector ensuring it is inserted fully

- 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

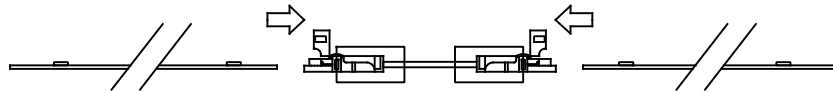
- Snap cover shut and ensure tape is gripped tight in connector. (May require Pliers to Crimp Shut)

- With IP65 tubing already supplied and cut to size now needs to be positioned over the connector as shown above and heat shrunk in place to create a water tight seal. there should be no air gaps between the tape heat shrink tubing

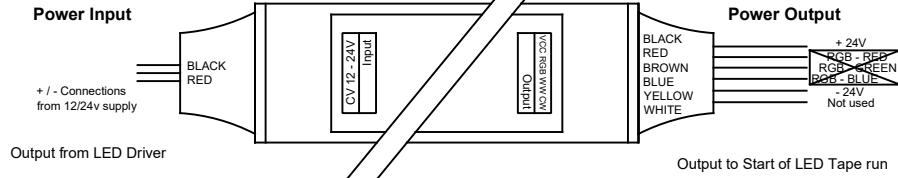


Step 2 - Connecting strip to strip

- 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
- For Connections from tape to connector refer repeat process from Step 1



Step 3 - WIZ Smart Controls



1 DOWNLOAD FREE WIZ APP



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



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