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

IP65 ◇ CE 12V 5.8W Per Metre
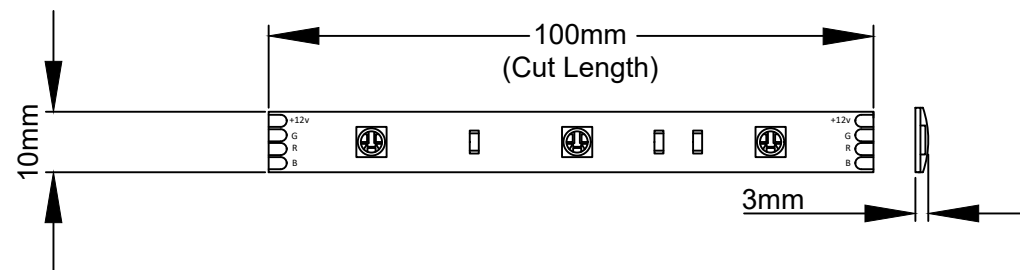
Important Information

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.
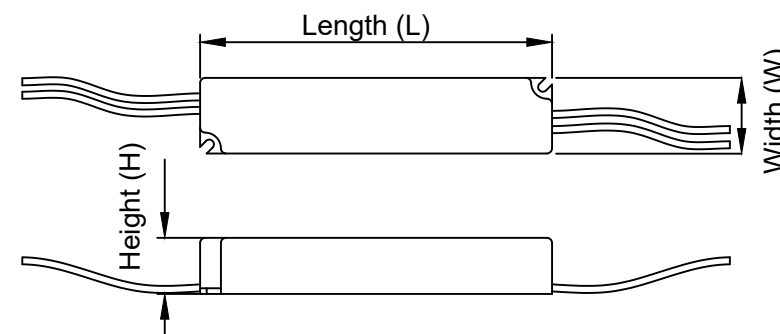
Important User Advice

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 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.
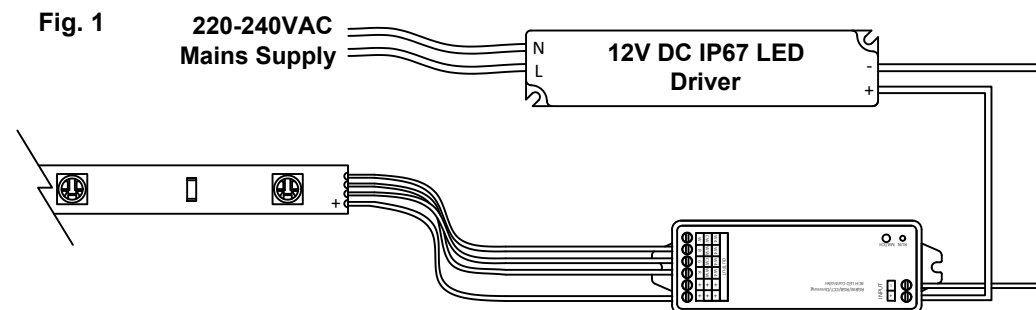Re-connect the mains supply and test.

100mm (Cut Length)

10mm

3mm

IP65 5.8W Bespoke RGB LED Strip

Length (L)

Width (W)

Height (H)

	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   220-240VAC Mains Supply   12V DC IP67 LED Driver

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

KSR LIGHTING

10-12-2019MAC   KSR Lighting Ltd, Unit E Hazleton Interchange, Lakesmere Road, Horndean, Hampshire, PO8 9JU.   Drg No. KSRIP65RGB-12V-5.8WBespoke-IS-B

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

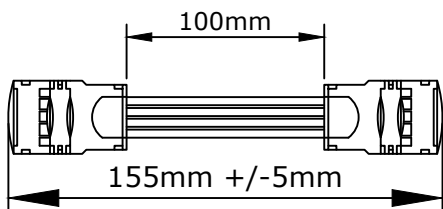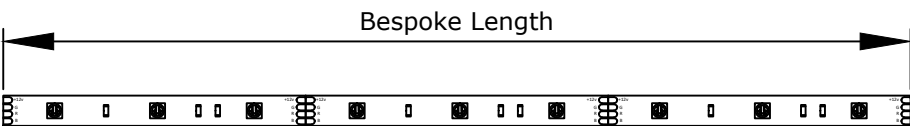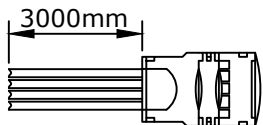# IP65 ◇ Ⅲ CE 12V 5.8W Per Metre

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 competantly 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 KSR95109 - 3m 20AWG Cable with a wire to strip connector with IP65 heat shrink tubing (to be set in place by installer)
- Optional - KSR95113 IP65 100mm 20AWG Cable strip to strip connector
- Bespoke Length(s) of tape max length not exceeding 10m
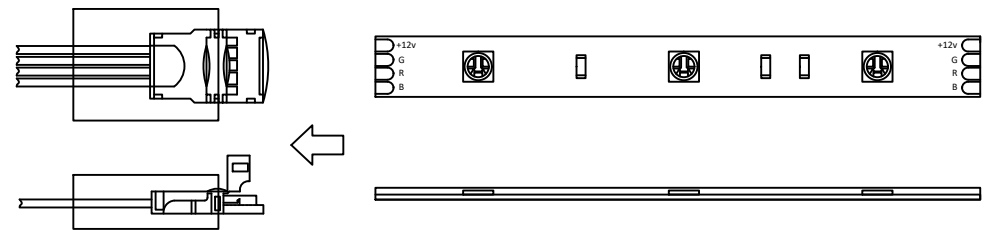- 12V Constant Voltage Driver

3000mm

Bespoke Length

100mm

155mm +/-5mm

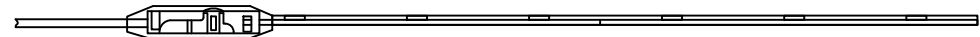### Activating the White Channel On Tape Controller

Please Note to activate the mixed white option for the RGB Tape, press and hold the match button on the controller until the indicator light on the controller flashes 6 times, with the button still held the indicator will flash another 2 times and finally followed by another 3 flashes (11 flashes in total). After this release the match button and follow instructions included with the remote for completing the set up process.

Connecting the LED strip

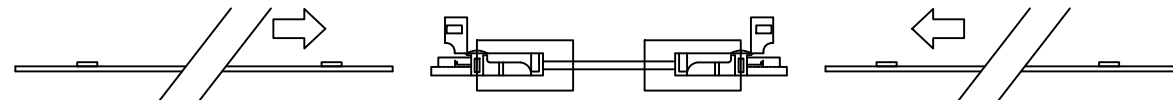Step 1 - Connect you 3m tail to the start of your LED tape run

- 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 shrinked 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 - Connecting the Controller

- For wiring the KSR9564 (controlled via KSR9565 remote) wire the output + and - connections from the LED driver to the controller input side
- Connect RGB and + terminal to LED tape via soldered or tape connector connections via output side
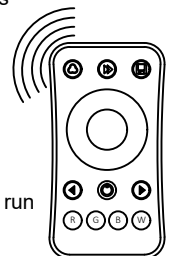
Power Input
LED + -
Output from LED Driver

Power Output
+ R G B
Output to Start of LED Tape run

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