



Read these instructions before commencing installation. Please give these instructions to the owner/occupier after installation to retain for future reference/maintenance.

IP20 24VDC 8W Per Metre

Important Information

It is recommended that these luminaires are installed and fitted by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control. These products are designed for connection to a 24V Constant Voltage DC supply.

Any faulty, broken or damaged luminaires should be replaced immediately.

KSR will not accept responsibility for any claims arising from a poor installation.

Please Note: The limited warranty shall be deemed null and void in the following circumstances: Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the products or parts.

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.

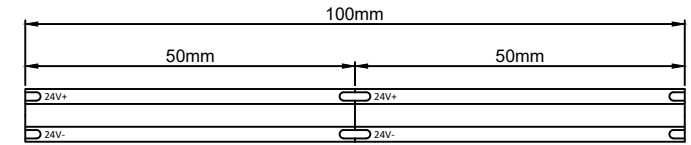
Select your 24VDC constant voltage driver and connectors as required.

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.



IP20 8W LED Strip (KSR95192-95195)

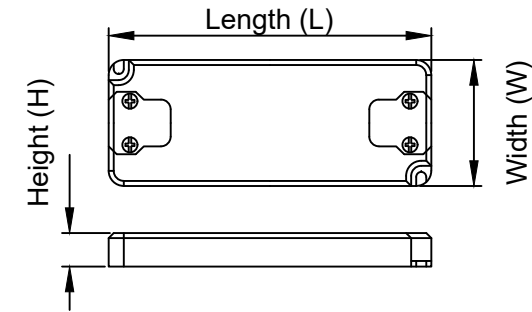
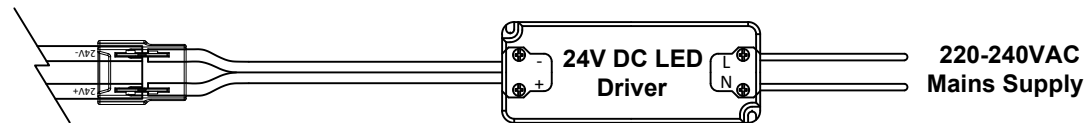


Fig. 1

+/- 24VDC connections



| | Input | Wattage | Tape Run | Dimensions Length x Width x Height |
|---|--------------------|---------|-----------|---------------------------------------|
| KSRDL287 | 220-240VAC 50/60Hz | 20W | 300mm-2m | 141mm(L) x 31mm (W) x 22mm (H) |
| KSRDL288 | 220-240VAC 50/60Hz | 60W | 300mm-7m | 165mm(L) x 40mm (W) x 30mm (H) |
| KSRDL289 | 220-240VAC 50/60Hz | 100W | 300mm-10m | 192mm(L) x 52mm (W) x 36mm (H) |
| Dimmable Driver options (Triac dimming please use above for remote dimming option) | | | | |
| KSRDL292 | 220-240VAC 50/60Hz | 25W | 0.5m-3m | 128mm(L) x 52mm (W) x 30mm (H) |
| KSRDL293 | 220-240VAC 50/60Hz | 50W | 1.6m-6m | 184mm(L) x 61mm (W) x 32mm (H) |
| KSRDL294 | 220-240VAC 50/60Hz | 100W | 4.5m-10m | 210mm(L) x 67mm (W) x 34mm (H) |



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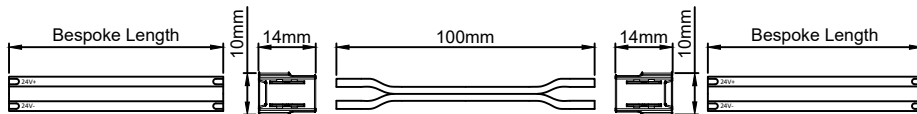
For Tape Operation you will require:

- 1x 3m Cable with a strip to wire connector (KSR95220)
- Optional - 100mm Cable strip to strip connector (KSR95221)
- Bespoke Length(s) of tape max length not exceeding 10m
- 24VDC Constant Voltage Driver
- Please note: If running more than 5m up to 10m in a continuous run a 24VDC supply must be provided at each end of the run

KSR95220

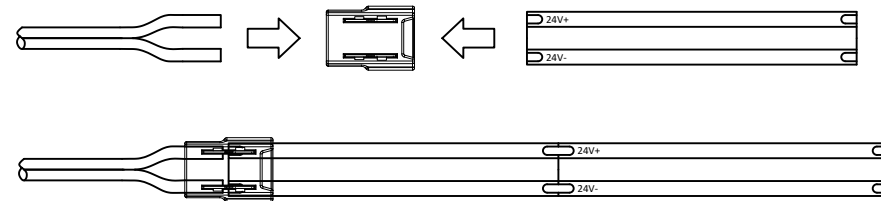


KSR95221



Connecting the LED strip

Step 1 - Connect your 3m strip to wire connector to the start of your LED tape run to a 24VDC driver or Driver and receiver controller.

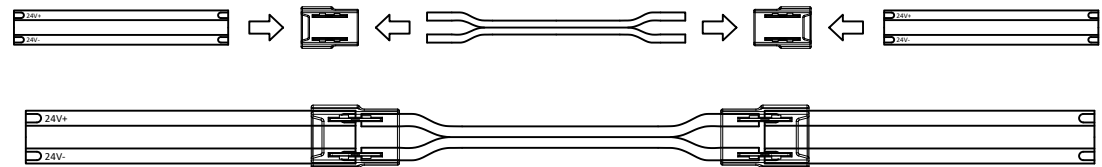


- Push the the start of you LED tape into the connector ensuring it is inserted fully and insert the cable into the cable side of the connector again ensuring fully inserted, no need to strip the cable.

- With the tape and cable fully inserted ensuring no power connected use a pair of pliers to push down the metal tags to make the connection with the strip and wire so they end up flush with the plastic connector housing.

Step 2 - Connecting strip to strip

- For a strip to strip connection (KSR95221) use the 100mm cable and connectors (KSR95221), terminate the connections as per above ensuring correct polarity from one strip to the next.



Step 3 - Remote dimmable controls

- For remote dimmable applications use a KSR9564 with a KSR9566

Power Input

24VDC +
-

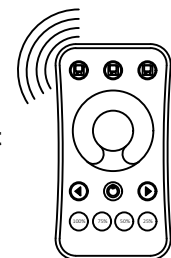
Output from LED Driver



Power Output

+
- LED

Output to Start of LED Tape run



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