

**KICKASS**



**12V LED MAGNETIC  
LIGHT STRIP 60CM/90CM**

**OWNER'S MANUAL**

**KADLEDSTRIP / KADLEDSTRIP-90**

V1.1

## SAFETY NOTES

- Ensure the power is switched off before installing, removing, or adjusting the LED strip.
- Do not install the strip while it is connected to a power source.
- Only use the LED strip with compatible voltage and power sources as specified.
- Avoid cutting, piercing, or modifying the LED strip to prevent damage or malfunction.
- Keep the LED strip and power connections away from flammable materials.
- Do not submerge the strip in water despite its waterproof rating; IP67 allows limited water exposure only.
- Properly seal all hard-wired connections to keep moisture out.
- Avoid bending the strip excessively or applying mechanical stress that may damage internal circuits.
- Install the strip on clean, dry surfaces using either the magnetic backing or included screws for secure mounting.
- If the strip shows signs of damage, overheating, or flickering, disconnect it immediately and inspect it.
- Do not operate the strip in environments exceeding the recommended temperature range.
- Keep the installation out of reach of small children and pets to prevent accidental injury or damage.

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# PRODUCT SPECIFICATIONS



SKU	KADLEDSTRIP
<b>PRODUCT DIMENSIONS</b>	625 x 16 x 13 mm (LWH)
<b>PRODUCT WEIGHT</b>	0.4kg
<b>POWER CONSUMPTION (MAX)</b>	10W
<b>POWER CONSUMPTION (MIN)</b>	1W
<b>LED LIGHTS PER BAR</b>	69 LEDs
<b>LIGHT OUTPUT</b>	Maximum of 600 lumens
<b>COLOUR TEMPERATURE</b>	5000K
<b>INPUT SOURCE</b>	12V
<b>RECOMMENDED FUSE</b>	3A
<b>SMD (SURFACE MOUNTED DEVICE) LED</b>	5050
<b>LIGHT MODES</b>	Amber, Daylight, and Combination
<b>BRIGHTNESS OPTION</b>	DIMMABLE
<b>MOUNTING</b>	Temporary (Magnetic) or Permanent (Nuts/Screws)
<b>IP RATING</b>	IP67

SKU	KADLEDSTRIP-90
<b>PRODUCT DIMENSIONS</b>	925 x 16 x 13 mm (LWH)
<b>PRODUCT WEIGHT</b>	0.6kg
<b>POWER CONSUMPTION (MAX)</b>	15W
<b>POWER CONSUMPTION (MIN)</b>	1W
<b>LED LIGHTS PER BAR</b>	107 LEDs
<b>LIGHT OUTPUT</b>	Maximum of 900 lumens
<b>COLOUR TEMPERATURE</b>	5600K
<b>INPUT SOURCE</b>	12V
<b>RECOMMENDED FUSE</b>	3A
<b>SMD (SURFACE MOUNTED DEVICE) LED</b>	5050
<b>LIGHT MODES</b>	Amber, Daylight, and Combination
<b>BRIGHTNESS OPTION</b>	DIMMABLE
<b>MOUNTING</b>	Temporary (Magnetic) or Permanent (Nuts/Screws)
<b>IP RATING</b>	IP67

# INCLUDED COMPONENTS



**MAGNETIC LED LIGHT STRIP**



**2 X SCREWS & NUTS**

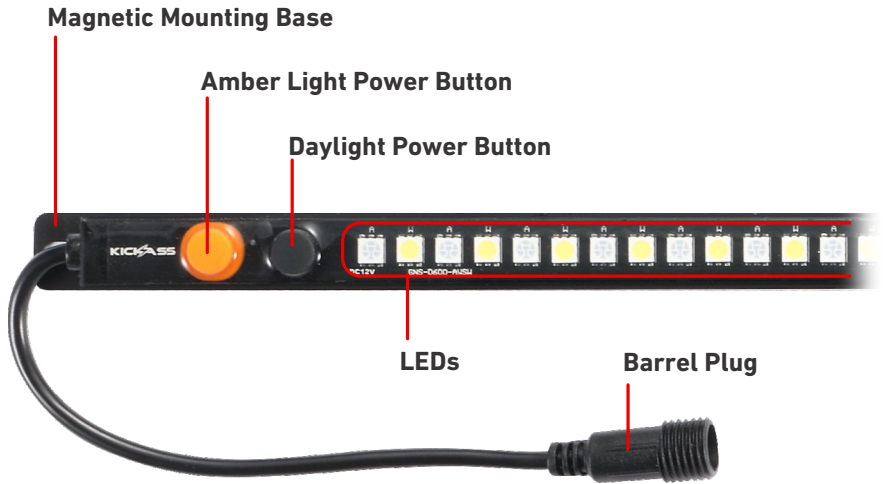


**EXTENSION CABLE**

## PRODUCT FEATURES

- Provides versatile lighting with three modes: white, amber, and mixed output.
- Built-in dimmer lets you easily adjust brightness to suit your setup.
- Magnetic backing allows quick attachment to metal surfaces without tools.
- Includes mounting kit with screws and nuts for permanent installation.
- Rated IP67 for protection against dust, rain, and splashes.
- The 60cm strip outputs approximately 600 lumens of bright, efficient 5000K white light, while the 90cm strip outputs approximately 900 lumens of bright, efficient 5600K white light.
- Constructed with durable aluminium housing and silicon cover for outdoor use.
- Energy efficient design draws low power, ideal for 12V setups.
- Includes a 2.5m cable for flexible positioning across your canopy or rig.
- Compatible with both barrel connector and bare wire connections.
- Uses SMD 5050 LED chips for reliable performance and strong light output.
- Easy to install, remove, and reposition without leaving marks.
- Suitable for tents, awnings, canopies, campervans, or swags.
- Reliable in harsh outdoor conditions including dust, heat, and moisture.

# PRODUCT OVERVIEW

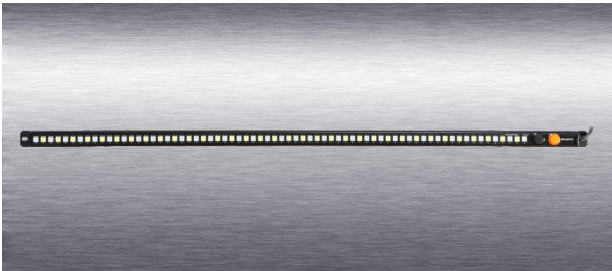


# PRODUCT INSTALLATION

## MOUNTING

### FOR MAGNETIC MOUNTING

- Choose a clean, flat ferrous (magnetic) metal surface to ensure proper adhesion.
- Position the LED strip so that the entire magnetic backing is in full contact with the surface for a secure hold.



### FOR PERMANENT MOUNTING

- Select a stable, flat surface suitable for drilling/mounting.
- Align the mounting base on the desired location and hold it in place.
- Using a screwdriver, fasten the LED strip with the provided nuts and screws, making sure it is secure.



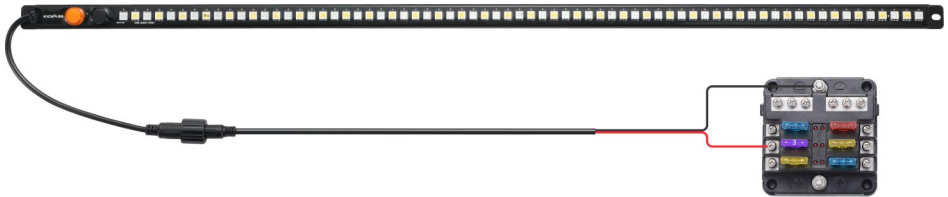
# WIRING

## FOR HARD-WIRE CONNECTION

- Trim the ends of the LED strip's positive and negative wires.
- Connect the positive (red) wire to a spare fused circuit on the fuse hub, using a 3A fuse.
- Connect the negative (black) wire to a designated negative bus or common ground point on the fuse hub.
- Ensure all connections are secure using appropriate terminals or crimp connectors.
- If needed, insulate exposed wire ends with heat shrink tubing or electrical tape.
- Secure all wiring using cable ties or clips to prevent strain or movement.

## IF USING A READILY AVAILABLE BARREL PLUG

- Simply connect to the provided barrel connector.
- Confirm the fuse hub is connected properly to the battery or 12V power source.



## USING THE LED STRIP

- Press the DAYLIGHT POWER button to activate the daylight mode; press it again to turn it off.
- Press the AMBER LIGHT POWER button to activate the amber light; press it again to turn it off.
- For combination lighting, press both power buttons one at a time; press each button again to turn both lights off.



### DIMMING FUNCTION:

- **To dim when using daylight mode**, press and hold the **DAYLIGHT POWER** button while the light is on. Release the button once the light has dimmed. To return to full brightness, press and hold the button again, then release once the light brightens.
- **To dim when using amber light mode**, press and hold the **AMBER LIGHT POWER** button while the light is on. Release the button once the light has dimmed. To return to full brightness, press and hold the button again, then release once the light brightens.
- When both lights are active in combination mode, press and hold either the **DAYLIGHT** or **AMBER LIGHT POWER** button to dim both lights. Release the button when the lights have dimmed. To return to high brightness, press and hold either button again, and release once the lights brighten.

### Note:

- When activating combination mode, both lights will start at maximum brightness.
- When deactivating combination mode, either light will return to its previous brightness setting (e.g. if daylight was dimmed before activating combination mode, it will resume at the same dimmed level when switched back).

## TROUBLESHOOTING

<b>The LED strip won't turn on.</b>	<ul style="list-style-type: none"><li>• Ensure that the power source is delivering proper voltage. Inspect the fuse box for any blown fuses and examine wiring harnesses for signs of damage, fraying, or loose connections. Replace or repair components as necessary.</li></ul>
<b>The light starts at dim.</b>	<ul style="list-style-type: none"><li>• The LED strip is equipped with a memory that saves the previous mode that's been used. If a particular light was turned off when in dim mode, it will turn back on in dim mode when next used.</li></ul>

## CLEANING THE LED STRIP

- Do not use harsh chemicals, solvents, or abrasive materials that may damage the silicon cover or aluminium housing.
- Wipe the LED strip gently with a soft, damp cloth to remove dust and grime.
- Ensure the strip is completely dry before reconnecting to power.
- Avoid submerging the strip in water, even though it is rated IP67; surface cleaning only is recommended.
- Do not apply excessive pressure that could damage the LED components or magnetic backing.

## WARRANTY & SUPPORT INFORMATION

Need help? For product support or to make a warranty claim, reach out to the KickAss Customer Service team on: [warranty@kickassproducts.com.au](mailto:warranty@kickassproducts.com.au)

Alternatively, visit our Customer Support Portal at:  
<https://supportportal.kickassproducts.com.au/>

# KICKASS

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