

LED Heat Resistant Strip for fireplaces

Firstly, thank you for considering purchasing JLEDS Heat Resistant LED strip to illuminate inside your fireplace. Before supply we must ensure our product is not exposed to any naked flames. It is Heat Resistant to 100°C (212°F), but not fire retardent. Help us, to help you, buy the items you need.

Question: What colour strip do I want ?

Choose from 2700K, 3000K, 4000K, 6000K and Colour Changing (RGBW). For a fireplace surround 3000K (Warm white) is by far the most popular choice. 80% of customers choose that colour, 15% Colour Changing leaving 5% the rest.

Question: Where do I place the strip and what length do I need ?

The best position for our LED strip is shining downwards. It's usually fitted either at the front or back. Wherever selected, please ensure the temperature where the LED strip will live will not exceed the 100°C (212°F) limit. This can be checked using a thermometer. In order for us to quote an accurate price we need to establish what length of strip you require. It's cuttable every 100mm, so JLEDS can supply in lengths for example, 0.7M, 0.8M, 0.9M, 1M, 1.1M, 1.2M and so on. We can supply any length.

- 1) Measure the width of the fireplace.
- 2) Our example is 1250mm (1.25M) wide. We will build the strip so it is 1100mm (1.1M) in length. This leaves a healthy gap at each end for the cable to bend and to help eliminate shadows.
- 3) The strip must not be bent on the sides, as that will cause a weak point, which will cause short life. Plus it tends not to look very attractive if you see LED chips at the corner of your eye.
- 4) If we keep the strip completely flat it will produce the best results.



Do's and don't's.

The strip must not be bent. If you place the strip like this you run the risk of short life.



No need to have the strip on the sides. It is bright enough to illuminate just from the top.



In some instances the strip looks better on the floor. This is also fine.



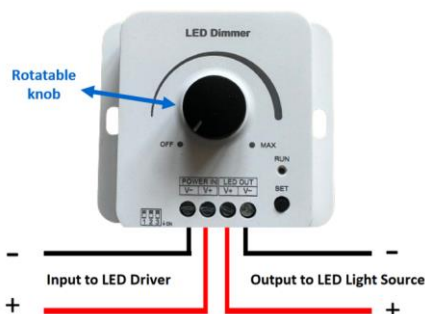
Question: What cable length do I need ?

At the end of the strip we solder on a length of Heat Resistant Cable, which connects to an externally fitted LED Driver, rated 24V. What length of cable do you require ? JLEDs can supply up to 3M in length. The cable is either carefully fed from the front of the fireplace around the side, or in some instances people drill through the side of the fireplace. For single colour LED strip if you drill a hole using a 5mm drill bit the cable will fit through. RGBW cable is thicker, drill using a 10mm bit.

Question: Do I want the LED strip to dim ?

Most certainly. We believe the answer is yes. It's advisable because the strip is very bright at 830lm per metre. Standard strip is only 400lm so it's double the lumen output. Most people want an ambient appearance in their fireplace, and not a lighthouse effect, hence the need for a dimming solution.

JLEDs offer a choice of Dimmable Solutions for Single Colour LED Strip.



ONE - LED Dimmer Switch (and the most popular and cheapest option)

JLEDs offer a simple yet functional Dimmer Switch which dims the strip perfectly. Simply select the desired light level using the rotatable dial. Once found it will remain at that level thereafter. The Dimmer Switch is easy to install and tends to live beside the LED driver. It is wired between the LED driver and LED Strip.

Please note this device is powered using a Non-dimmable driver. It's the Dimmer Switch itself that dims the LED strip.

Dimensions of Dimmer Switch are L59xW66xD32mm (including knob)

More Dimmable options on next page

Dimmable options carried forward

Examples of items in stock

CE17



VLGP

FUT036S



B1

FUT006



WL5



FUT006

In-Line Dimmer 24V 5A



TWO Dimmable Driver **CE17**

If you have your own switch (which works dedicated LED lamps) you may simply require a dimmable LED driver. We keep TRIAC dimmable, (both leading and trailing edge) drivers to suit the strip. If you need a reliable and compatible in-line dimmer switch which works well with our LED driver please ask us for a Varilight VLGJP100W.MG (0-120W V-PRO Varilight multigrid dimmer switch). The driver in the photo is our CE17 and Dms are L110xW44xH22mm.

THREE Controller **FUT036S** / Remote **FUT006**

A very popular choice is to dim the LED strip using a remote control (FUT006). You just need a controller (FUT036S) in the circuit and when paired with the remote you can easily dim the strip and turn it on/off. It's also very easy to fit. Dms of the Controller are L75xW36xH17mm. An alternative to the remote is a wireless Wall Switch (B1). It's easy to fix to a wall and works in the same way as the remote.

FOUR Controller **WL5** (5in1 Controller) / Remote **FUT006**

Again a Controller (WL5) and Remote (FUT006) set up. The difference with this one it will also work with third party voice control. e.g. Alexa / Google Assistant / Tuya Smart. For single colour use remote FUT006. The WL5 controller Dms L124xW38xH23mm.

FIVE In-Line Dimmer 24V 5A

If space is an issue we have a very simple In-line dimmer, rated 24V 5A. Which can handle pieces of strip up to 4M long (24W). It's just a one channel switch and to dim simply press the button up and down. There are three dimming levels. Dms Flat L45xHW15x7mm

For RGBW (Colour Changing) LED Strip we have the choice of two Controllers, which use the same Remote Control.

FUT038S



SIX Controller **FUT038S** / Remote **FUT089**

This RGBW Controller (FUT038S) is a superb choice. It is very easy to install, small and works well with the FUT089 Remote Control. Dms of the Controller are L75×W36×H17mm.

WL5



SEVEN Controller **WL5** (5in1 Controller) / Remote **FUT089**

This Controller (WL5) works just as well as the above item, but it has the ability to work with voice control. e.g. Alexa / Google Assistant / Tuya Smart. It is still useful though to have the FUT089 remote to pair up the strip and use as a back up. The WL5 controller Dms L124×W38×H23mm.

FUT089

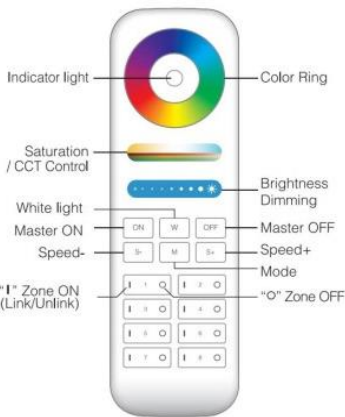


FUT089 Remote Control

We recommend using the FUT089 remote control with either Controller, FUT038S or WL5. It's nice to handle, has various programmable features and a dedicated white button, ideal to get the 3000K colour.

Here's a list of the programmble (Dynamic) modes available

FUT089



MIBOXER®

Mi·Light

Subordinate New Brand

Dynamic mode table switch

(Default in factory)

All modes can adjust brightness / saturation / speed

Number	Dynamic Mode
1	Mardi Gras
2	Automatic color change
3	Sam
4	Gemstone
5	Twilight
6	American
7	Fat Tuesday
8	Party
9	Slow Color Splash

Dynamic mode table 1

(Need to switch manually)

All modes can adjust brightness / saturation / speed

Number	Dynamic Mode
1	Colors gradual change
2	White light Gradual change
3	RGB gradual change
4	Seven colors jump to change
5	Jump to change randomly
6	Red light gradual change+Flash 3 times
7	Green light gradual change+Flash 3 times
8	Blue light gradual change+Flash 3 times
9	White light gradual change+Flash 3 times

Dynamic mode table 2

Operates using left "speed" button Operates using right "speed" button

Notes

- 1) More indepth details of all our Dimming Devices can be found on our website www.jleds.co.uk
- 2) We supply all items up to the LED Driver. We do not sell items beyond the mains supply because it's easier for you to do that part yourself, as each household is different and we don't know what to supply.

Please be kind enough to submit an enquiry via a web submission. Simply copy / paste the info below and send us the details which you require. Everyone's fireplace is unique so we will calculate the price and reply with a quotation. Delivery from any order is usually within 3-4 days. Thank you.

Send by email to mrjeff@jleds.co.uk

No	Question	Answer
1	Advise colour of the strip. 2700K, 3000K, 4000K, 6000K or RGBW (Colour Changing). (Note 3000K is the most popular choice for fireplaces)	
2	State the length of strip you want, taking care to be 100mm increments.	
3	What length of heat resistant cable do you want from one end ? (up to 3M)	
4	Single Colour strip. Do you want a dimming device. If so, which one ? Select from: LED Dimmer Switch / Dimmable Driver / FUT036S Controller or WL5, both use the FUT006 remote.	
5	For RGBW LED Strip. Please select FUT038S or WL5 Controller, along with a FUT089 Remote.	
6	Please confirm the LED strip will not be exposed to any flames, just heat.	
7	We get numerous enquiries from within the UK and abroad. To help us calculate the Carriage Charge please confirm the following for us.	
A	Your Full Name	
B	Your Full Address, Country and Post/Zip Code	
C	Your full Phone number, Country code / local code / mobile/ landline number	