

FAQ:

LOW VOLTAGE LIGHT BAR



Where would I use the Low Voltage Light Bar product?

The Low Voltage Light Bar is a linear fluorescent and halogen alternative that can be used in a number of custom applications, mainly display case lighting including but not limited to: store fixture displays, POP displays, beverage machines, and many more.

What makes the Low Voltage Light Bar a better value than other LED linear fixtures?

The Low Voltage Light bar is a flexible lighting source that offers leading-edge efficacy while requiring minimal amounts of electrical power to operate. It is linkable with connectors to make long runs, dimmable down to 5% with a proprietary dimming system, and suitable for damp locations.

What advantages does the Low Voltage Light Bar fixture have over traditional lighting?

Compared to traditional lighting sources, the Low Voltage Light Bar has significantly reduced input wattages that allow both energy and monetary savings in the long term. Overall, the return on investment is much higher than that of traditional lighting.

How much power does each lumen package consume?

Low Voltage Light Bar	Power Consumption	Delivered Lumens
12LBLV	5W	300 lm
24LBLV	10W	580 lm
36LBLV	15W	850 lm
48LBLV	18W	1,020 lm

What is the predicted life and maintenance schedule?

With 70% lumen maintenance (L70) at 50,000 hours, maintenance costs are minimal compared to traditional light sources, especially since they require regular maintenance and lamp recycling. When considering the labor costs associated with constant maintenance, each Low Voltage Light Bar will save money over the life of the product.

How do I power the product?

The Low Voltage Light Bar takes in 24V DC current from a preexisting low voltage system. If necessary, a 24V 60W DC driver and corresponding black NEMA plug can be purchased separately. See product datasheet for accessory ordering information.

What lengths of bar are available for purchase?

The Low Voltage Light Bar comes in lengths of 12", 24", 36" or 48".

What options and accessories are available?

The Low Voltage Light Bar product has a number of accessories that allow multiple bars to be connected in a single run and around corners, either end to end or with longer wire connectors. See product datasheet for accessory ordering information.

How can I mount this fixture?

The Low Voltage Light Bar linear fixture can be mounted with the hardware kit and screws or with double sided tape, both mounting options are supplied standard with the product.

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Can I connect more than two Low Voltage Light Bar's in a continuous run? If so, how many can be connected in a single run?

Yes, Low Voltage Light Bars can be connected in continuous runs that depend on the wattage of the power source being used. The below calculations assume a 60W power source, sold separately:

Product	Max # of Bars	Max Length
12LBLV	10	10ft
24LBLV	5	10ft
36LBLV	3	9ft
48LBLV	2	8ft

Can I dim the Low Voltage Light Bar fixture?

Yes, the product can be dimmed down to 5% with a proprietary dimming switch that is sold separately. See product datasheet for accessory ordering information.

Is this product TRIAC dimmable?

No, the product can only be dimmed using a proprietary dimming system via a switch that is sold separately. See product datasheet for accessory ordering information.

What is the standard color rendering index (CRI)?

The LEDs in the Low Voltage Light Bar have a CRI value of 80.

What is the standard warranty?

Purchase of the Low Voltage Light Bar comes with a 5 year limited warranty. Complete warranty terms are located at http://www.maxlite.com/resources/WarrantyPDFs/Maxlite_LED_Fixture_Warranty_083116.pdf

What parts are field replaceable?

None of the parts to the fixture are field replaceable.

Does the Low Voltage Light Bar fixture come in different colors?

The standard Low Voltage Light Bar fixture is an aluminum finish.

How do you ensure that the Low Voltage Light Bar fixture is a high quality product?

To ensure maximum quality, each configuration is both tested to UL standards and tested to identify the electrical and thermal limits of the product. During assembly, components are selected and assembled according to industry standards and each fixture is thoroughly tested prior to shipment.