

User Manual

LED Spatial Bars



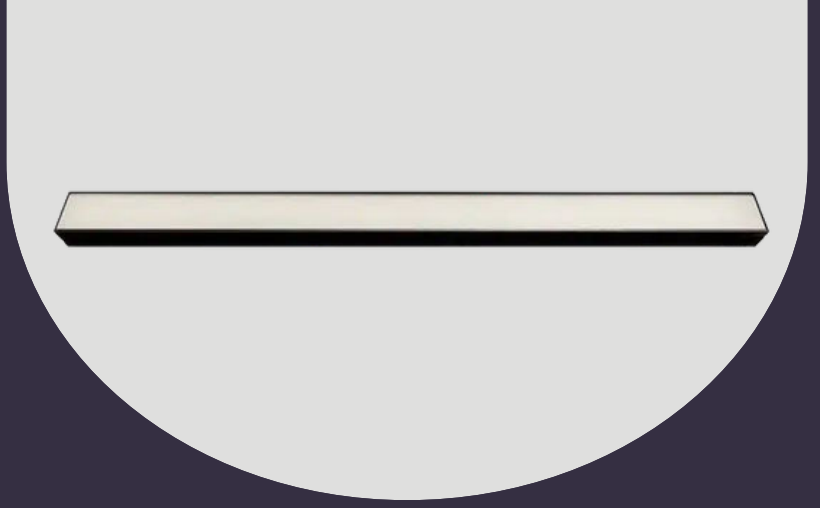


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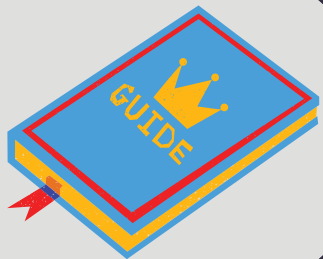
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Resources



Online Installation Guide

- We offer an online installation guide with videos.
- <https://www.springtree.net/led-spatial-bars-installation-guide/>



Knowledge Base

- Frequently Asked Questions
- Helpful Guides & Articles
- <https://www.springtree.net/knowledge-base/>



Description



SKUS:

SpatialBar2-RGBWW
SpatialBar-WW
SpatialBar2-RGBWW-WH
SpatialBar-WW-WH

LED Spatial Bars

LED Spatial Bars are high-quality, low-voltage house lights from Springtree's Lo-Vo architectural series. They operate with a Lo-Vo power driver, which provides both power and full DMX control.

Options

- Warm White or RGBWW LED Engine
- White or Black Aluminum Housing

Specifications

Warm White

Optical

- Beam Angle: 120 degrees
- Lumens: 7,200
- Color Temperature: 3000K
- CRI>90

Lightsource

- 336 x 0.5Watt 2835 Osram LED

Power

- 24V Constant voltage

Dimensions

- 39.5" x 3" x 2"
- With flat yoke: 3 1/4" height
- With fully extended yoke: 4 3/8" height

RGBWW

Optical

- Beam Angle: 120 degrees
- Lumens: 5,000

Lightsource

- 68 x 1.5Watt 5050 Epistar RGBA LED

Power

- 24V Constant voltage

Dimensions

- 39.5" x 3" x 2"
- With flat yoke: 3 1/4" height
- With fully extended yoke: 4 3/8" height

Power Drivers



Each LED Spatial Bar requires a Lo-Vo Power Driver for power and control. Four Lo-Vo Power Driver options are available.

Options

- DMX150
- DMX602X
- DMX1202X
- DMX1802X

LED Spatial Bars Powered

Power Driver	DMX150	DMX602X	DMX1202X	DMX1802X
Number of LED Spatial Bars Powered	1	4	8	12

Features

- DMX is wired solely to the Power Driver, eliminating the need to run DMX to every fixture.
- LED Spatial Bars connect to Power Drivers using inexpensive low-voltage cable.
- Split fixtures into multiple controllable zones
- Mix and match different Lo-Vo fixtures on the same driver.
- Supports both White and RGBW modes.
- Local control functionality included.
- Built-in color macros



[Scan to learn more about Power Drivers]

Installation

Install Guide



We offer a full installation guide with videos on our site. Scan this QR code or go to <https://www.springtree.net/led-spatial-bars-installation-guide/> to view it.

Recommended Height & Spacing

Recommended Height:

- 15' - 30'

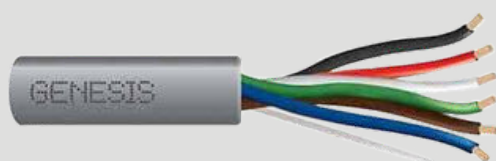
Recommended Spacing:

- At 20' Height: 8' - 12' Spacing
- At 30' Height: 6' - 8' Spacing

Mounting

Mounting is simple with the built-in yoke, which is compatible with standard lighting clamps or a threaded rod.

Wire Used

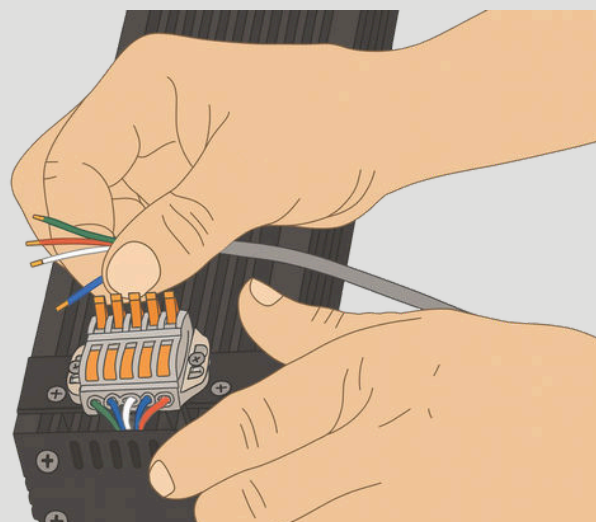


LED Spatial Bars use 18/5 low-voltage cable.

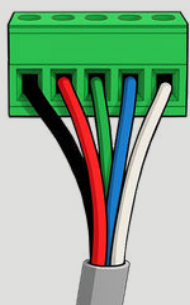
Note: We use and sell 18/6 cable because it's affordable and easier to source. We simply cut off the brown cable on each end.

Wiring the Spatial Bar

Spatial LED Bars feature a built-in connector on the back of the unit for quick and convenient installation—just lift the orange levers, insert the stripped wire ends, and snap the levers back down, being sure to match the color.



Connecting to the Power Driver



LED Spatial Bars connect to the Power Driver using a Phoenix connector. To use a Phoenix connector, strip the wire ends, insert them into the corresponding slots, and secure them by tightening the screws, making sure to match the wire colors correctly.

Safety.

- To reduce the risk of electrical shock or fire, do not expose this unit to moisture.
- Disconnect from the main power before making any type of connection.
- Never plug this unit into a dimmer pack.
- This fixture is intended for indoor use ONLY.

We Are Here For You!

Springtree is all about simplifying the AV process. A big part of that is being available to answer your questions. Give us a call or fill out a contact form. We are here to help!

Contact Us



springtree.net/contact-us/



615-599-1505



[Contact Form]