

User Manual

LED Spatial Mini



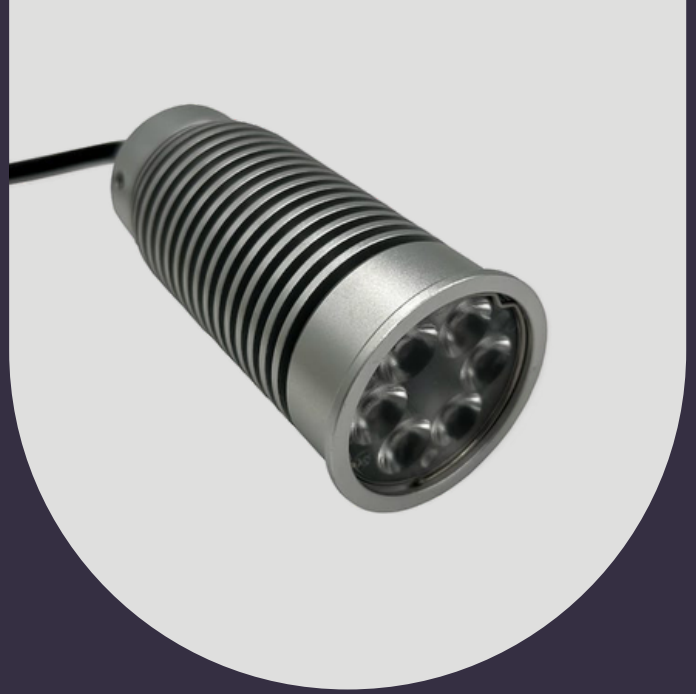


Table of Contents

- **Description & Specifications**
- **Optional Accessories**
- **Power Drivers**
- **Installation**
- **Safety**
- **Contact Us**

Description

LED Spatial Minis are compact 25° LED spotlights small enough to fit in the palm of a hand. Part of Springtree's Lo-Vo series, these extremely versatile fixtures can be hung as pendants, flush-mounted in a drop ceiling as recessed lighting, or paired with a U-bracket for use as mini spotlights.

They can also be attached to an acrylic crystal for an eye-catching decorative effect while still functioning as a downward-facing pendant.

Available with either an **RGBWW** or **Warm White** LED engine. They are powered and controlled through your choice of Lo-Vo Power Driver. (See page 4)



*Shown with optional U-bracket

SKU: SMini-RGBWW
SMini-WW

Specifications

Warm White Optical

- Light Source: 6x 1.5Watt LEDs
- 580 Lumens
- 25° beam angle

RGBWW Optical

- Light Source: 6x 2Watt LEDs
- 590 Lumens
- 25° beam angle

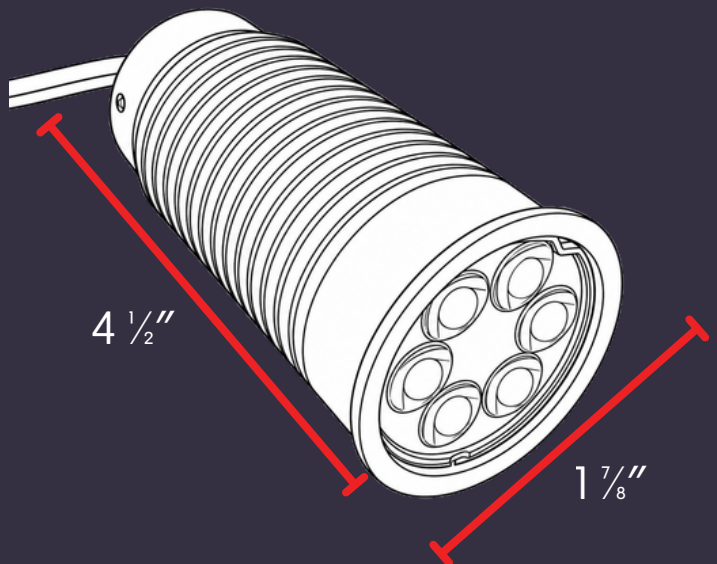
Dimension and Weight

- 1 7/8" x 4 1/2"
- .70 lbs
- Built-in whip length: 57 1/4"

Required Cable

- 18/2 cable for WW and 18/5 cable for RGBWW.

*We use 18/6 wire (one extra wire) because it is affordable and comes in a pull box.



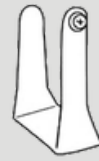
Optional Accessories



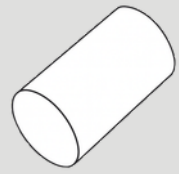
Acrylic Crystal



RECESSED RING



U-BRACKET



FROSTED ACRYLIC CYLINDER

What makes LED Spatial Minis so versatile is the range of optional accessories they can be used with. Recessed Rings allow them to be flush-mounted in a ceiling for mini recessed lighting that is fully DMX controllable. U-brackets turn Spatial Minis into tiny pinspots, perfect for highlighting architectural details or décor.

LED Spatial Minis can also be hung on their own as compact pendants, or paired with an acrylic crystal for an eye-catching decorative effect while still providing functional downward-facing light.

Power Drivers

LED Spatial Minis are powered and controlled via a Lo-Vo Power Driver, of which there are four options.

Key Points

- DMX Is Run Only To The Power Driver, Not To Every Fixture
- Connects To Spatial Minis Via Inexpensive Low-Voltage Cable
- Fixtures Can Be Split Into Multiple Controllable Zones
- Different Lo-Vo Fixtures Can Be Intermixed On The Same Power Driver
- White and RGBW modes
- Local Control
- Color Macros

Power Driver	DMX150	DMX602XE	DMX1202XE	DMX1802XE
Amount of WW Spatial Minis Powered	15	64	128	156
Amount of RGBWW Spatial Minis Powered	12	48	96	120

{Learn more about
Power Drivers}

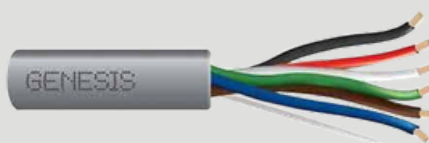


Installation

Spatial Minis feature a built-in whip for connecting to the Power Driver and other Spatial Minis. Each Power Driver port can power up to sixteen Warm White Spatial Minis or twelve RGBWW Spatial Minis, allowing multiple fixtures to be daisy-chained together using wire nuts.

(See the diagram below for wiring examples and the safety instructions on the next page.)

Wire Used

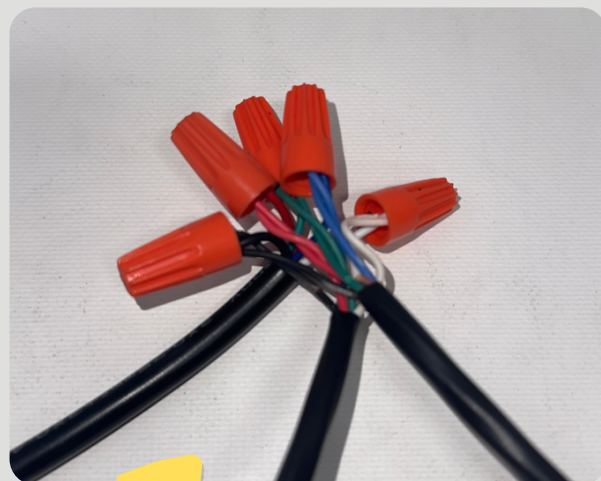


RGBWW Spatial Minis use 18/5 low-voltage cable. Warm White Spatial Minis use 18/2 low-voltage cable.

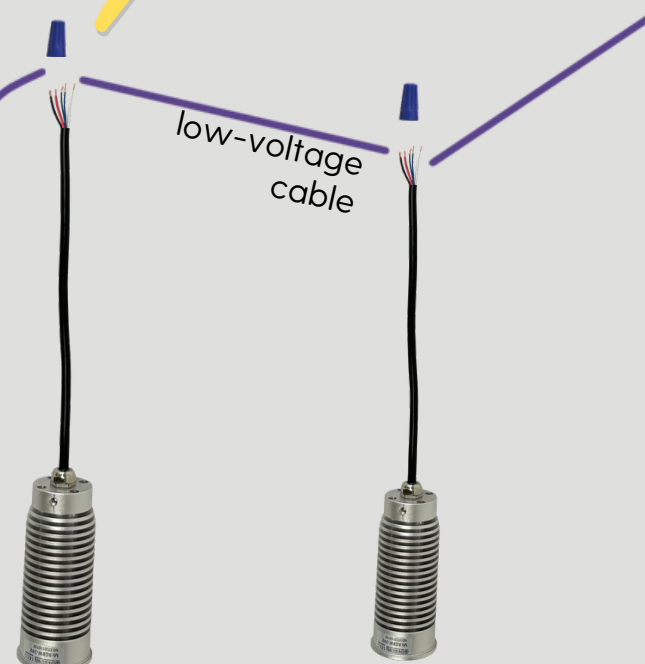
*Note: We use 18/6 cable instead of 18/5 because it's more affordable and easier to source. Simply cut off the brown wire at each end.

How To Daisy Chain Fixtures Together

- Use a wire stripper to remove about 1/2 inch of insulation from the ends of the wires you want to connect.
- Align the exposed ends of the wires you are connecting together and twist in a clockwise direction. Ensure the connection is tight and secure.
- Place the twisted wires into the wire nut and twist clockwise until it is tight.
- RGBWW connections require five wire nuts; Warm White connections require two.



Each port can power up to sixteen Warm White Spatial Minis or twelve RGBWW Spatial Minis



Safety.

- To reduce the risk of electrical shock or fire, do not expose this unit to moisture.
- Disconnect from mains power before making any electrical connections.
- Never connect this unit to a dimmer pack.
- This fixture is intended for indoor use only.
- Do not make or change wiring connections while the system is powered.
- Keep all wiring consistent throughout the installation.
- For RGBWW and 50W Warm White fixtures, connect matching wire colors.
- Ensure no bare or exposed wires are left outside the connections, as they may cause a short circuit.

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



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[Contact Form]