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American Lighting LS2-M-24-48-BK

American Lighting LS2-M-24-48-BK Commercial Grade Light String Instruction Manual

Model: LS2-M-24-48-BK

1. INTRODUCTION

The American Lighting LS2-M-24-48-BK is a 48-foot commercial grade light string designed for both indoor and outdoor applications. It features 25 medium base sockets, factory-molded onto a durable 14-gauge wire, ensuring suitability for various commercial and residential settings. The formulated PVC sockets create a tight, weatherproof seal around bulbs, enhancing durability and safety. This light string is ideal for adding ambient lighting to patios, building outlines, tents, and gazebos.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Ensure the power source is disconnected before installation, maintenance, or bulb replacement. Use only bulbs rated for 120 Volts and a maximum of 25 Watts per socket. Do not exceed the total wattage capacity of the string.
- **Installation:** Mount the light string securely to prevent damage from wind or other environmental factors. Do not use staples or nails to secure the wiring, as this can damage insulation.
- **Weather Resistance:** While the sockets are designed to be weatherproof, ensure all connections are tight and bulbs are properly seated to maintain water resistance. Avoid submerging the string in water.
- **Damage Inspection:** Regularly inspect the light string for any signs of damage to the wire, sockets, or plug. Do not use if damaged.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands after handling.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x American Lighting LS2-M-24-48-BK 48-Foot Commercial Grade Light String (with 25 medium base

sockets)

- (Bulbs are typically sold separately and are not included)

4. SETUP AND INSTALLATION

Follow these steps for proper installation of your light string:

1. **Plan Placement:** Determine the desired location for your light string. Ensure the length of the string (48 feet) is suitable for the area. Consider the proximity to a power outlet.
2. **Secure Mounting:** Use appropriate hardware (e.g., guide wires, hooks, zip ties) to securely mount the light string. The string features integrated mounting holes near each socket for easy attachment. Avoid hanging the string by its electrical cord alone.
3. **Install Bulbs:** With the light string unplugged, carefully screw medium base bulbs (E26/E27) into each socket. Ensure bulbs are rated for 120V and do not exceed 25W per bulb. Hand-tighten until snug to create a weatherproof seal.
4. **Connect to Power:** Once all bulbs are installed and the string is securely mounted, plug the light string into a standard 120V AC outlet.



Figure 1: The American Lighting LS2-M-24-48-BK Commercial Grade Light String, shown coiled. This image illustrates the overall appearance of the 48-foot string with its 25 medium base sockets.



Figure 2: A close-up view of a single medium base socket on the light string. This detail highlights the robust, factory-molded PVC construction designed for a weatherproof seal.

5. OPERATING INSTRUCTIONS

Operating the American Lighting LS2-M-24-48-BK light string is straightforward:

- **Power On/Off:** Plug the light string into a power outlet to turn it on. Unplug it to turn it off.
- **Control Method:** While the product specifications mention "App" as a control method, specific details for app integration are not provided with this model. If you intend to use app control, ensure you have compatible smart plugs or controllers that can integrate with a standard corded electric light string.

6. MAINTENANCE

Regular maintenance helps prolong the life and performance of your light string:

- **Cleaning:** Periodically wipe down the light string and sockets with a damp cloth. Ensure the string is unplugged before cleaning. Do not use harsh chemicals or abrasive cleaners.
- **Bulb Replacement:** If a bulb burns out, unplug the light string before attempting to replace it. Carefully unscrew the old bulb and screw in a new medium base (E26/E27) bulb, ensuring it is 120V and does not exceed 25W.
- **Storage:** If storing the light string for an extended period, clean it thoroughly, coil it neatly, and store it in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Lights do not turn on.	No power to the outlet, loose plug, faulty bulb(s), damaged string.	Check the power outlet with another device. Ensure the plug is fully inserted. Inspect all bulbs and replace any burnt-out ones. Check the entire string for visible damage.
Some lights are out.	Burnt-out bulb(s), loose bulb(s).	Unplug the string and carefully check each bulb. Replace any burnt-out bulbs and ensure all bulbs are securely tightened.
Flickering lights.	Loose bulb connection, unstable power supply.	Unplug the string and tighten all bulbs. Ensure the power outlet is stable.

8. SPECIFICATIONS

Detailed technical specifications for the American Lighting LS2-M-24-48-BK:

Model Number: LS2-M-24-48-BK

Length: 48 Feet

Number of Sockets: 25

Socket Type: Medium Base (E26/E27)

Wire Gauge: 14-gauge

Input Voltage: 120 Volts AC

Max Wattage per Socket: 25 Watts

Total Max Wattage: 625 Watts (25 sockets x 25W)

Indoor/Outdoor Usage: Indoor, Outdoor

Special Features: Waterproof (sockets), Commercial Grade

Material: Polyvinyl Chloride (PVC)

Color: Black

Product Dimensions: 18 x 12 x 6 inches (packaged)

Item Weight: 6.64 pounds

UPC: 714176026190

9. WARRANTY AND SUPPORT

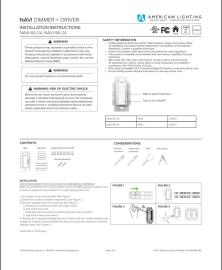
For warranty information and customer support, please refer to the official American Lighting website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

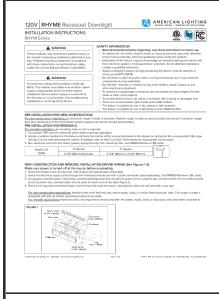
Manufacturer: American Lighting

Website: www.americanlighting.com (Please verify the actual manufacturer's website for support.)

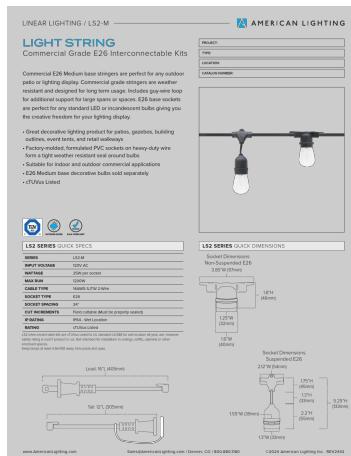
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Related Documents - LS2-M-24-48-BK

	<p>American Lighting Spektrum+ Series Landscape Lights - Product Information</p> <p>Detailed information on American Lighting's Spektrum+ Series RGB+TW landscape lights, including specifications, ordering information, accessories, setup, and warranty.</p>
	<p>NAVI Dimmer + Driver Installation Instructions (NAVI-60-24, NAVI-96-24)</p> <p>Installation instructions for the American Lighting NAVI Dimmer + Driver models NAVI-60-24 and NAVI-96-24. Includes safety information, wiring diagrams, troubleshooting, and voltage adjustment.</p>
	<p>American Lighting NeonFlex Pro-L Series LED Neon Lighting</p> <p>Discover the American Lighting NeonFlex Pro-L Series, a 24V DC single color side bend LED neon lighting solution designed for seamless architectural installations. This document provides detailed product specifications, features, custom cut ordering information, assembly fees, accessories, recommended power supplies, handling guidelines, and warranty details. It includes comprehensive cut increment tables for precise project planning.</p>

	<p>Adaptive Pro 96W 5-in-1 Dimmable 24V Power Supply American Lighting</p> <p>Technical specifications, dimensions, wiring diagrams, and warranty for the American Lighting Adaptive Pro 96W 5-in-1 dimmable 24V DC constant voltage power supply. Suitable for MLV, ELV, TRIAC, 0-10V dimming.</p>
	<p>American Lighting RHYM Series 120V Recessed Downlight Installation Guide</p> <p>Comprehensive installation instructions for the American Lighting RHYM Series 120V recessed downlight, covering safety, new construction and remodel installation, wiring, optic lens replacement, care, maintenance, FCC compliance, and warranty.</p>
	<p>American Lighting NEONFLEX PRO-V Series: 24V DC RGBW Top Bend LED Neon</p> <p>Explore the American Lighting NEONFLEX PRO-V Series, a 24V DC RGBW top bend LED neon lighting solution for seamless architectural installations. Features include IP67 rating, dimmability, long lifespan, and versatile power feed options. Ideal for interior and exterior applications.</p>

Documents - American Lighting – LS2-M-24-48-BK



[pdf] Specifications Catalog

LIGHT STRING Oct 23 2024 — Commercial E26 Medium base stringers are perfect for any outdoor patio or lighting display grade weather american fiche technique ls2 m 24 48 bk srsltid AfmBOoqXM7xtN6ojq9lougqitlxtsnOpraZVBTBD2jshrtRmgwZod lumenco ca dev |||

LINEAR LIGHTING / LS2-M LIGHT STRING Commercial Grade E26

Interconnectable Kits Commercial E26 Medi... INWG

OINRFDOERRMINAGTIIONNFORMATION ITEM NUMBER VOLTAGE LENGTH

SOCKET TYPE LED SPACING COLOR **LS2-M-24-48-BK** 120V AC 48ft 15m Non-Suspended E26 24 Black LS2-MNS-24-48-BK 120V AC 48ft ...

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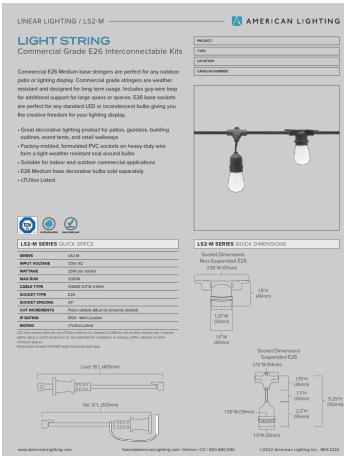


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LS2 Series E26 Commercial Grade Lightspecsheet commgradelightstring ls2lightbulbs catalog product s american lighting specsheets ls2 |||

120V LS2 Series E26 Commercial Grade Light String PROJECT: LOCATION: TYPE: CAT: Description Use C ... ng Black Technical Information Series Length Socket Type Socket Spacing Total Sockets Wire Color **LS2-M-24-48-BK** 48ft Non-suspended E26 Base 24 24 Black Outdoor Wire Type 14AWG SJTW 2-wire wit...

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[pdf] Specifications Catalog

Commercial Grade Light String LS2 E26 48ft Black American Lighting SpecSheet AML

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LINEAR LIGHTING / LS2-M LIGHT STRING Commercial Grade E26

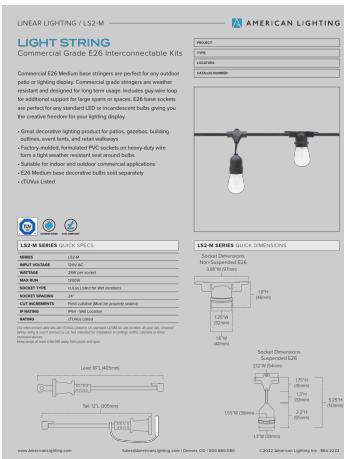
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ITEM NUMBER **LS2-M-24-48-BK** VOLTAGE 120V AC LENGTH 48ft 15m SOCKET

TYPE Non-Suspended E26 LED SPACING 24 ...

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LS2 E26 Spec Sheet COMMERCIAL GRADE American Lighting SpecSheet CommercialGradeLightString cdn sanity io files anbkks9g production c79461f852db5647921e4af84ea6b99f245bf60d |||

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ITEM NUMBER **LS2-M-24-48-BK** VOLTAGE 120V AC LENGTH 48ft 15m SOCKET

TYPE Non-Suspended E26 LED SPACING 24 ...

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LS2 E26 Spec Sheet COMMERCIAL GRADE SUSPENDED American Lighting SpecSheet

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120V LS2 Series E26 Commercial Grade Light String PROJECT: LOCATION: TYPE:

CAT: Description Use C ... as, tents for weddings or festivals, event lighting Black

Technical Information Outdoor Series **LS2-M-24-48-BK** LS2-MS-24-48-BK Length 48ft

Socket Type Non-suspended E26 Base Suspended E26 Ba...

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[pdf] Datasheet

COMMERCIAL GRADE SUSPENDED E26 120V Suspended Medium Base Stringers Proluxe by

American Lighting AV iQ cdn docs av iq dataSheet |||

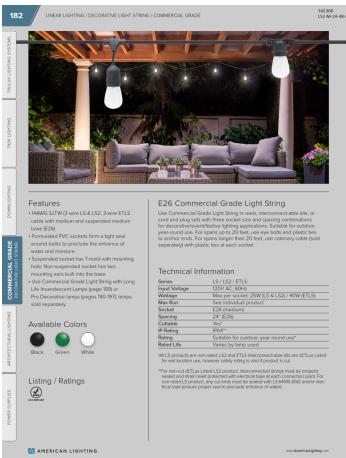
120V LS2 Series E26 Commercial Grade Light String PROJECT: LOCATION: TYPE:

CAT: Description Use C ... as, tents for weddings or festivals, event lighting Black

Technical Information Outdoor Series **LS2-M-24-48-BK** LS2-MS-24-48-BK Length 48ft

Socket Type Non-suspended E26 Base Suspended E26 Ba...

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Cut Sheet American Lighting LS M 24 48 BK Pavilion Light String Commercial Grade Kit Rexel USA annls m bk i DF8392CE C452 4DFB AEF0 6E9323A93E73 rexel cdn products |||

182 LINEAR LIGHTING / DECORATIVE LIGHT STRING / COMMERCIAL GRADE

341300 LS2-M-24-48-BK TRULUX LIGHTING SYSTEMS TASK LIGHTING

DOWNLIGHTING COMMERCIAL GRADE DECORATIVE LIGHT STRING

ARCHITECTURAL LIGHTING Features 14AWG SJTW 2-wire LS LS2, 3-wire ETLS cable with medium and suspended medium ...

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Spec Sheet American Lighting 48ft 24 E26 Commercial Grade String Lights specsheet

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SheetCover the unused female receptacle at last light string with attached end cap and electrical tape to preclude entrance of water 4 For spans American Light LS2 Sheets specsheet ls2lightbulbs catalog product s american lighting Sheet americanlighting |||

120V LS2 Series E26 Commercial Grade Light String PROJECT: LOCATION: TYPE: CAT: Description Use C ... as, tents for weddings or festivals, event lighting Black

Technical Information Outdoor Series **LS2-M-24-48-BK** LS2-MS-24-48-BK Length 48ft Socket Type Non-suspended E26 Base Suspended E26 ...

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Commercial Grade Light String Cut Sheet COMMERCIAL GRADE E26 American Lighting Cutsheet

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247 LINEAR LIGHTING / COMMERCIAL GRADE LIGHT STRING SPEKTRUM

TRULUX LIGHTING SYSTEMS TASK LIGHT ... 48ft ITEM NUMBER LENGTH

SOCKETS SOCKET SPACING SOCKET TYPE MAX WATTAGE IP RATING Rating

LS2-M-24-48-BK 48 ft 24 24 in Non-suspended 25W per socket IP64 TUV LS2-MS-24-48-BK 48 ft ...

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American Lighting 330 ft 25W LED String Lights Suspended E26 120V Green LS MS 24 GR

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182 LINEAR LIGHTING / DECORATIVE LIGHT STRING / COMMERCIAL GRADE
TRULUX LIGHTING SYSTEMS TASK LIG ... ft ITEM NUMBER LENGTH SOCKETS
SOCKET SPACING SOCKET TYPE MAX WATTAGE IP RATING TUV Listed **LS2-M-**
24-48-BK 48 ft 24 24 in Non-suspended 25W per socket IP64 Yes LS2-MS-24-48-BK
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120V LS2 Series E26 Commercial Grade Light String PROJECT: LOCATION: TYPE: CAT: Description Use C ... ng Black Technical Information Series Length Socket Type Socket Spacing Total Sockets Wire Color **LS2-M-24-48-BK** 48ft Non-suspended E26 Base 24 24 Black Outdoor Wire Type 14AWG SJTW 2-wire with ...

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ssnlcutsheet pavilion lightstring americanlighting assets ||

PAVILION LIGHT STRING Pavilion Light String Great decorative lighting product for patios, gazebos, ... 8-BK BLACK 2-WIRE LS2-MS-24-48-WH WHITE 2-WIRE 48ft Kit E26 Base Sockets 24 Spacing 1200W Max **LS2-M-24-48-BK** BLACK 2-WIRE E26 MEDIUM CORD PLUG SETS PART NUMBER WIRE 100ft Kit E26 Suspend...

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LS2 Series E26 Commercial Grade Light String PROLIGHTING Use for decorative event oriented or festive lighting applications Features cETLus Listed 14AWG SJTW 2 wire light string specsheet commgradelightstring ls2 prolighting specsheets |||

120V LS2 Series E26 Commercial Grade Light String PROJECT: LOCATION: TYPE: CAT: Description Use C ... as, tents for weddings or festivals, event lighting Black Technical Information Outdoor Series **LS2-M-24-48-BK** LS2-MS-24-48-BK Length 48ft Socket Type Non-suspended E26 Base Suspended E26 ...

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LS2 E26 Spec Sheet COMMERCIAL GRADE specsheet commgradelightstring ls2 216 92 145 71 assets |||

120V LS2 Series E26 Commercial Grade Light String PROJECT: LOCATION: TYPE: CAT: Description Use C ... as, tents for weddings or festivals, event lighting Black Technical Information Outdoor Series **LS2-M-24-48-BK** LS2-MS-24-48-BK Length 48ft Socket Type Non-suspended E26 Base Suspended E26 ...

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SEASONAL LIGHTING 2017 PRE-LIT DECORATIVE LIGHT STRING COMMERCIAL COAXIAL LIGHT STRING Pg. 6-7 C ... TE LS2 ETL LISTED E26 KITS PART NUMBER WIRE 48ft Kit E26 Base Sockets 24 Spacing 1200W Max **LS2-M-24-48-BK** BLACK 2-WIRE E26 MEDIUM CORD PLUG SETS PART NUMBER WIRE 100ft Kit E26 Suspend...

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American Lighting Se Index of 2021 07 Seasonal estrin co |||

2021 SEASONAL For the most current product specifications and ordering information Please visit us ... ctual product Bulbs sold separately COMMERCIAL E26 LIGHT STRING ORDERING INFORMATION ITEM NUMBER **LS2-M-24-48-BK** LS-M-24-100-BK LS-M-24-BK LEAD/TAIL 120V AC Plug/Socket 120V AC Plug/Sealed End Bare...

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American Lighting Seasonal 2020 Marketing Estrin Zirkman Sales Seasonal@AmericanLighting Denver CO 800 880 1180 6 LIGHT S TRING TINGERS REELS A CCESSORIES ARCHITECTURAL LINEAR LIGHTING estrin co 08 |||

2020 SEASONAL For the most current product specifications and ordering information Please visit us ... ctual product Bulbs sold separately COMMERCIAL E26 LIGHT STRING ORDERING INFORMATION ITEM NUMBER **LS2-M-24-48-BK** LS-M-24-100-BK LS-M-24-BK COLOR Black Black Black LENGTH 48ft 100ft 330ft SOCKETS ...

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2020 CATALOG For the most current product specifications and ordering information Please visit us ... AL GRADE DECORATIVE LIGHT STRING MEDIUM BASE E26 cETLus LISTED ORDERING INFORMATION ITEM NUMBER **LS2-M-24-48-BK** LS2-MS-24-48-BK LS2-MS-24-48-WH LENGTH 48 ft 48 ft 48 ft SOCKETS 24 24 24 SOCKET S...

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2019 CATALOG For the most current product specifications and ordering information
Please visit us ... nterconnectable Sets 24 sockets / 24 socket spacing 25W max per
socket / cETLus Listed / 1200W max **LS2-M-24-48-BK** Black Suspended Medium E26
Base 48ft Interconnectable Sets 24 sockets / 24 sock...

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