

WARNING THIS PRODUCT MUST BE POWERED WITH A 5VDC DRIVER. Read all warnings and installation instructions thoroughly.

SAFETY & WARNINGS

- Install in accordance with the National Electric Code, and local regulations.
- This product is intended to be installed and serviced by a qualified, licensed electrician.
- Do not install if product has any visible damage.
- Only install with a Class 2 5VDC Constant Voltage LED driver.
- Do not power tape light while attached to plastic spool or tightly coiled. Excess heat may melt the spool and/or cause damage to the tape light.
- This product is not rated as submersible.
- Do not exceed the maximum linear run for 5V Power or Data transmission.
- Do not install tape light with LED chips facing direct sunlight or damage to phosphor will occur.
- Tape light, attached wire leads, and additional extension cables, connectors, etc., are not rated for in-wall installation unless otherwise noted. Use wires rated for at least 176°F (80°C) and certified for use with external connection of electrical equipment.
- Connectors have a Class 2 amp limit unless otherwise noted.
- Tape light must be handled with care. Excessive handling, bending, and pressure may damage the product, voiding the warranty.



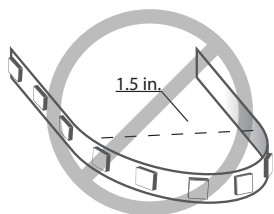
QUICK SPECS

Input Voltage	5VDC Constant Voltage
Power Consumption	2.81W / ft.
Maximum Run (5V Power)	8.2 ft.
Maximum Run (Data)	16.4 ft.

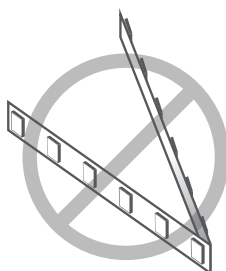
Included Models	DI-5V-DAZDMX-**
Ambient Temperature †	-4°F ~ 122°F (-20°C ~ 50°C)
Environment	Outdoor / Wet Location

** Indicates spool length
† Do not install product in an environment outside the listed ambient temperature.

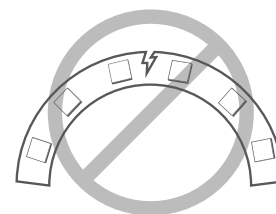
STRIP LIGHT HANDLING



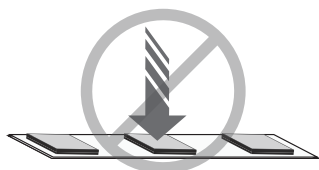
Do not bend LED strip light to a diameter less than 1.5 inches.



Do not fold or crease LED strip light.



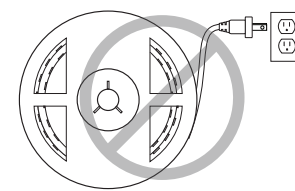
Do not bend LED strip light on a horizontal plane.



Do not put excessive pressure on surface of strip light (e.g. glass/acrylic panes etc.).



Do not cover strip light with any materials.



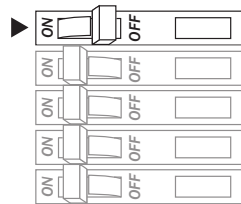
Do not power strip light while attached to spool or tightly coiled.

INSTALLATION

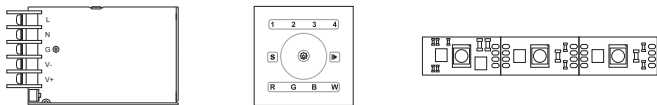
Prior to installation, ensure all components are a compatible system. Configure and pre-test your LED system prior to permanent installation to ensure all components are operating correctly.

- 1 Turn OFF High Voltage AC Power at the main breaker.

WARNING Shock Hazard. May result in serious injury or death. Turn off power at circuit breaker before installing this product.



- 2 Determine locations to install 3 main components. Refer to 'System Diagram.'

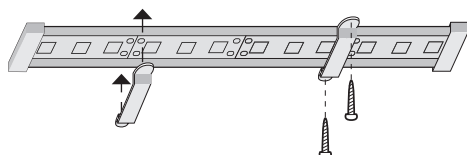


1) 5VDC Driver 2) DMX Control 3) DAZZLE DMX Strip Light

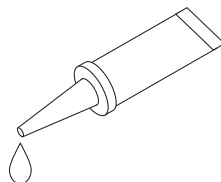
WIRE GAUGE & VOLTAGE DROP

Ensure applicable wire is installed between driver, fixture, and any controls in between. When choosing wire, factor in voltage drop, amperage rating, and type (in-wall rated, wet location rated, etc.).

- 3 Mount tape light to surface utilizing included mounting clips/screws and/or silicone adhesive (sold separately).

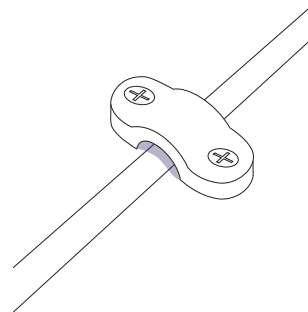


AND/OR



- 3 CONTINUED

Fasten wire leads with wire fastener (sold separately) to prevent wire strain.



- 4 Attach DMX control, LED driver, and additional components to tape light. Refer to 'System Diagram'.

- 5 Install Additional Components, Verify connections, and Turn Main Power ON at Breaker.



SYSTEM WORKING IMPROPERLY?

Turn OFF main power at breaker and verify all connections. Review 'System Diagrams', 'Troubleshooting', and component installation guides.

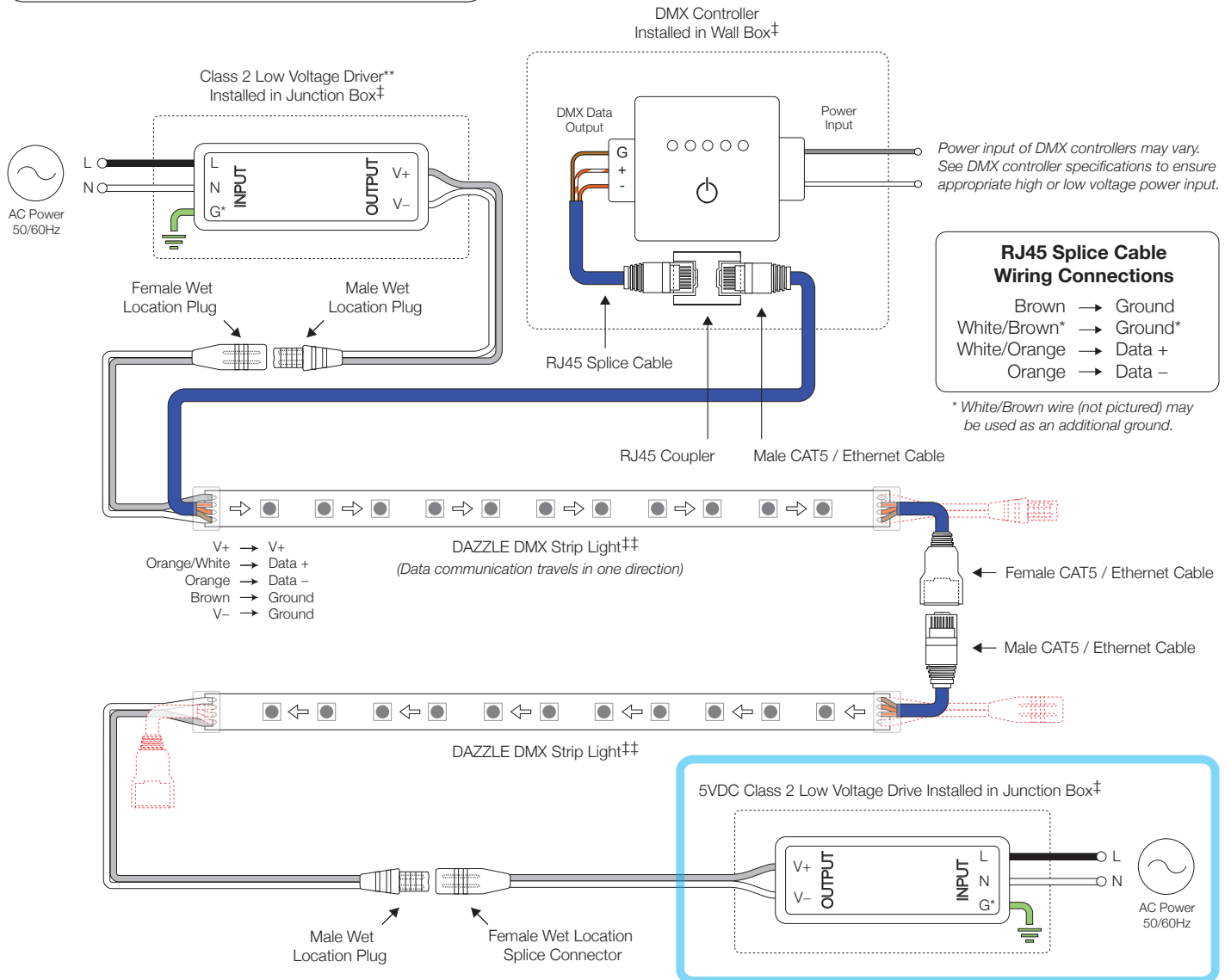
SYSTEM DIAGRAM

The following diagram is provided as an example system design. Install in accordance with national and local electrical codes

Each DAZZLE DMX Strip Light is built to custom specifications. Optional connections are highlighted in dashed red outlines:

WIRE GAUGE & VOLTAGE DROP

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SYSTEM DIAGRAM NOTES

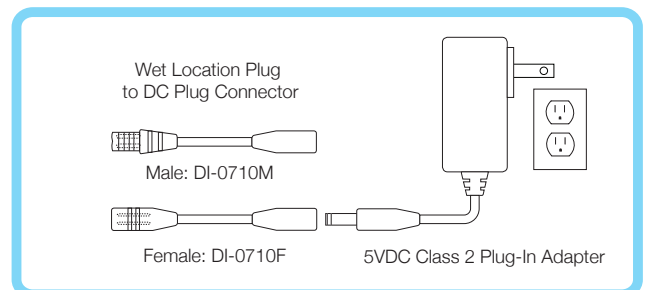
* Driver may not require a framed ground connection. Refer to driver specifications for additional information.

** Install a compatible Class 2 constant voltage driver. Refer to each driver specification sheet for full power ratings & load deratings.

‡ Refer to driver or controller specifications for a compatible junction box.

‡‡ See fixture specifications for maximum series run limits.

Power DAZZLE DMX with a 5VDC Hard-Wired Driver or Plug-In Adapter



TROUBLESHOOTING

<p>Fixture does not illuminate</p>	<ul style="list-style-type: none"> • Ensure the system is wired correctly and polarities are correct. • DMX strip light data communication only travels in one direction. Ensure input data connection is attached to DMX controller. • Ensure strip light is powered with a 5VDC constant voltage driver. • Ensure proper wire gauge has been installed between 5V driver and strip light. Excess voltage drop will not power strip light appropriately.
<p>Shift in brightness / color</p>	<ul style="list-style-type: none"> • Ensure appropriate gauge wire is installed between driver & fixture. • Ensure each 8.2 ft. spool is powered with a 5VDC driver.
<p>Fixture is quickly flashing or flickering</p>	<ul style="list-style-type: none"> • Verify a compatible DMX control is installed. • Ensure + / - Data wires are not reversed when connecting to DMX controller. • Ensure all connections are properly secured. • Ensure fixture is receiving the correct input voltage.
<p>Fixture is slowly flashing</p>	<ul style="list-style-type: none"> • Ensure driver is not overloaded. An overloaded driver will cause the internal auto-reset to trip repeatedly.
<p>Fixture is overheating / burning</p>	<ul style="list-style-type: none"> • Ensure strip light is powered with a 5VDC driver.
<p>Installation Trips Main Breaker</p>	<ul style="list-style-type: none"> • Check wiring for short circuit between driver and main power. If breaker continues to trip there may be a short in the driver. Call customer support for a replacement driver.

ADDITIONAL RESOURCES

Visit the online product page at www.DiodeLED.com for additional product specifications & warranty information:

- **DAZZLE DMX PIXEL RGB LED STRIP LIGHT SPECIFICATION SHEET**
- **VOLTAGE DROP CHARTS**

Use to specify appropriate wire gauge for installation. Available at the 'Tools & Resources' page at www.DiodeLED.com.

QUESTIONS?

Visit www.DiodeLED.com or contact Customer Support at info@DiodeLED.com or 1.877.817.6028 Monday through Friday, 7:00am- 5:00pm PST.