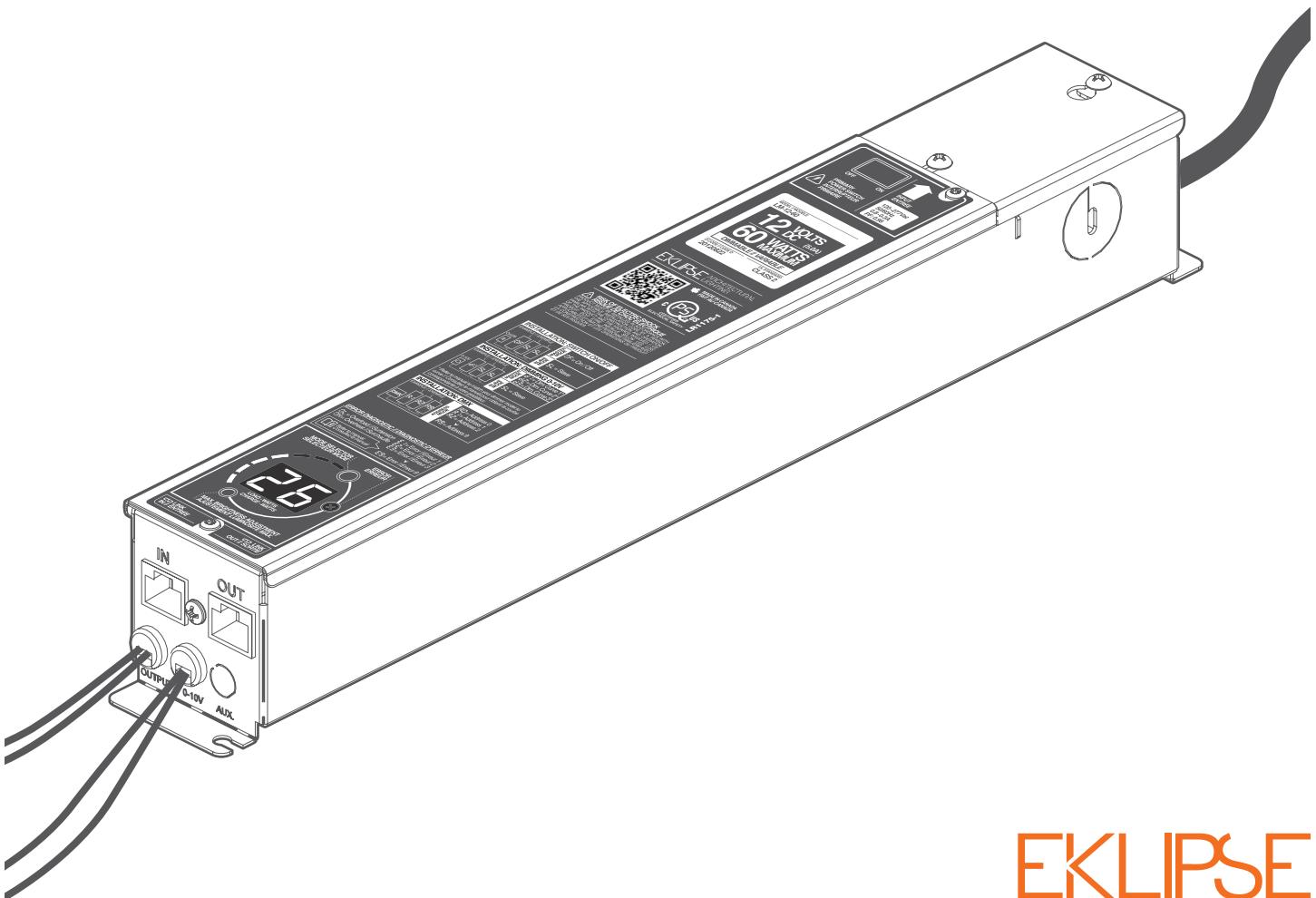


# LIGHT MANAGER

## LED LIGHTING POWER MANAGER



**EKLIPSE**  
ARCHITECTURAL LIGHTING

2090 rue Moreau, Suite 100  
Montréal, QC, H1W 2M3  
t. 514.590.0099 | f. 514.590.0098  
e. sales@eklipselighting.com  
w. www.EklipseLighting.com

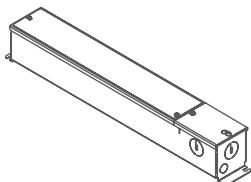
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# LIGHT MANAGER

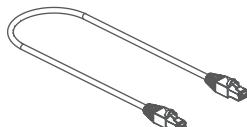
## LED LIGHTING POWER MANAGER

### INCLUDED IN THE BOX

LIGHT MANAGER  
Quantity: 1



12" RJ45 8P8C Cat5e cable  
Quantity: 1



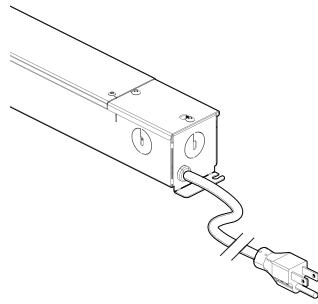
RJ45 8P8C Cat5e  
terminal cable  
Quantity: 1



### INSTALLATION

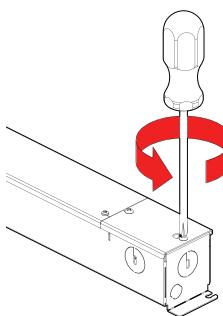


12 VOLTS      15 VOLTS  
?      24 VOLTS



#### WARNING

Before installing your lighting system, make sure that the Main Power Line is off.

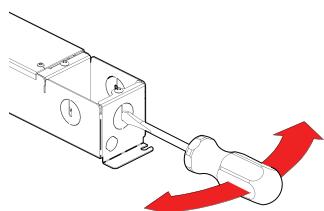


#### STEP 1

Remove the cover plate by unscrewing the 2 screws using a Phillips screwdriver.

#### KNOW YOUR PRODUCT

Verify that you have the appropriate Light Manager for your product.

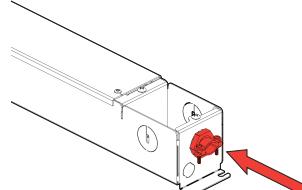


#### STEP 2

Twist and rock the desired knock out using a Flat Head screwdriver.

#### POWER CORD

If your Light Manager comes equipped with a Power Cord, skip to Step 8.



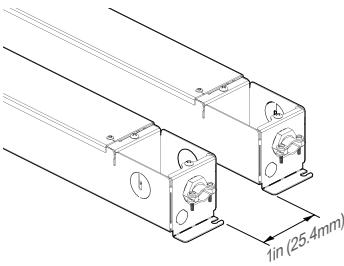
#### STEP 3

Install a Romex® clamp connector (not included) into the knock out opening.

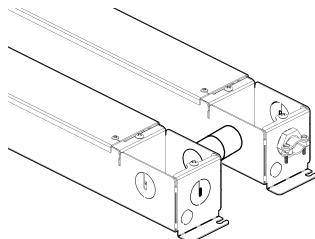
# LIGHT MANAGER

## LED LIGHTING POWER MANAGER

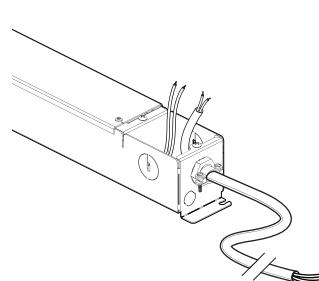
### INSTALLATION



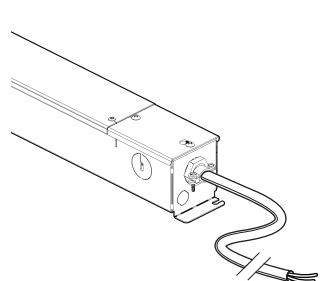
**STEP 4**  
The minimum distance between Light Managers should be of 1 inch (25.4 mm).



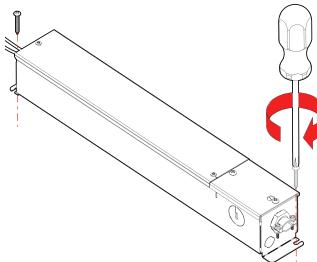
**STEP 5**  
Use a Romex® Non-Metallic Snap-in Connector (not included) to link Light Managers.



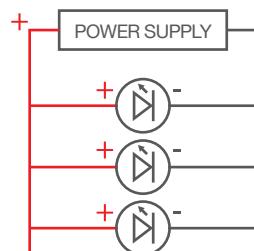
**STEP 6**  
While the Main Power Line is off, wire the Light Manager to the Main Power Line.



**STEP 7**  
Screw back into place the cover plate and tighten the clamp connector.



**STEP 8**  
Fix the Light Manager to the installation surface using two screws (not included).



**STEP 9**  
Wire the LED fixtures to the Light Manager in PARALLEL while respecting the max load.

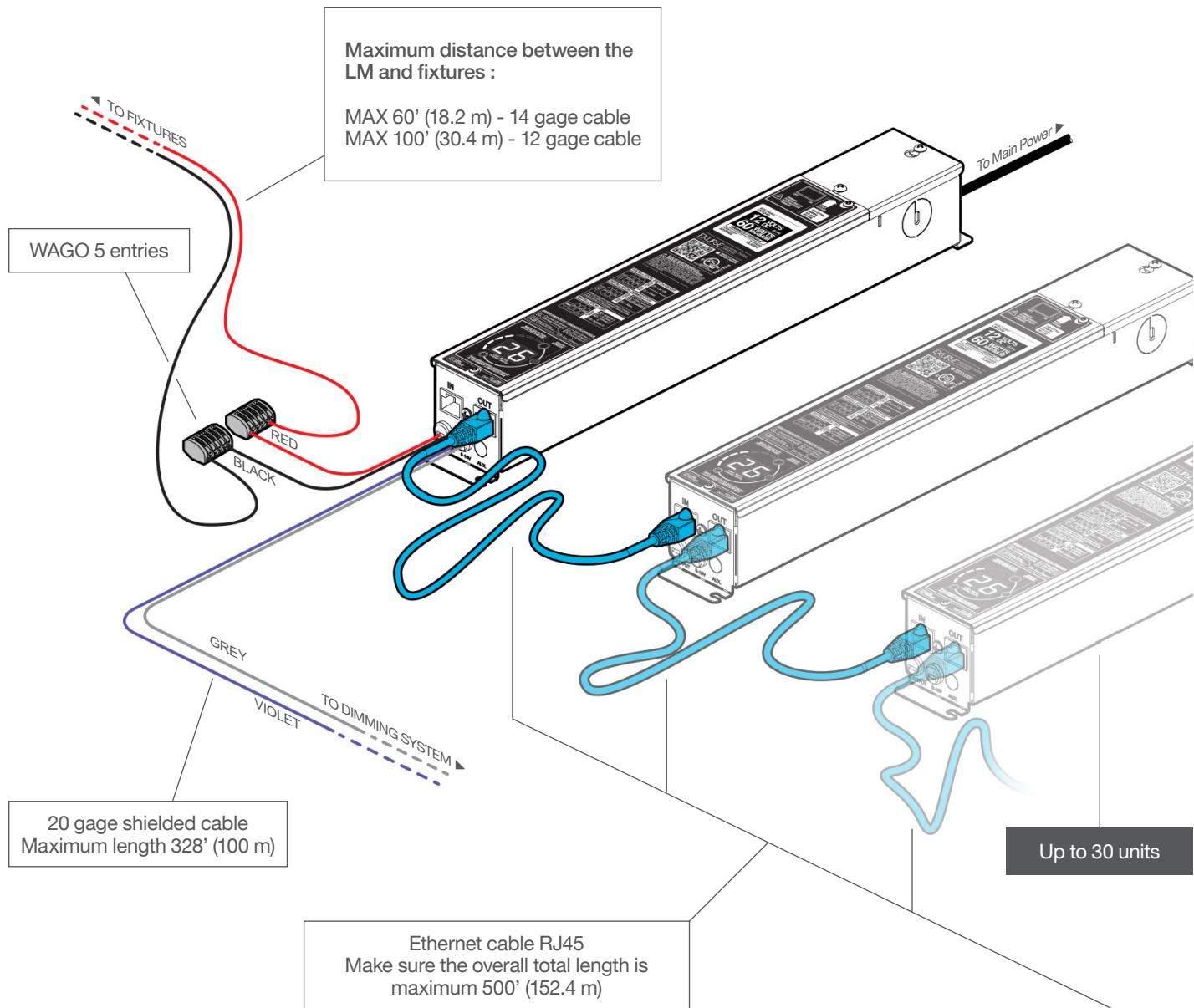


**STEP 10**  
Only when your entire fixtures are wired properly should you turn on the Main Power Line.

# LIGHT MANAGER

## LED LIGHTING POWER MANAGER

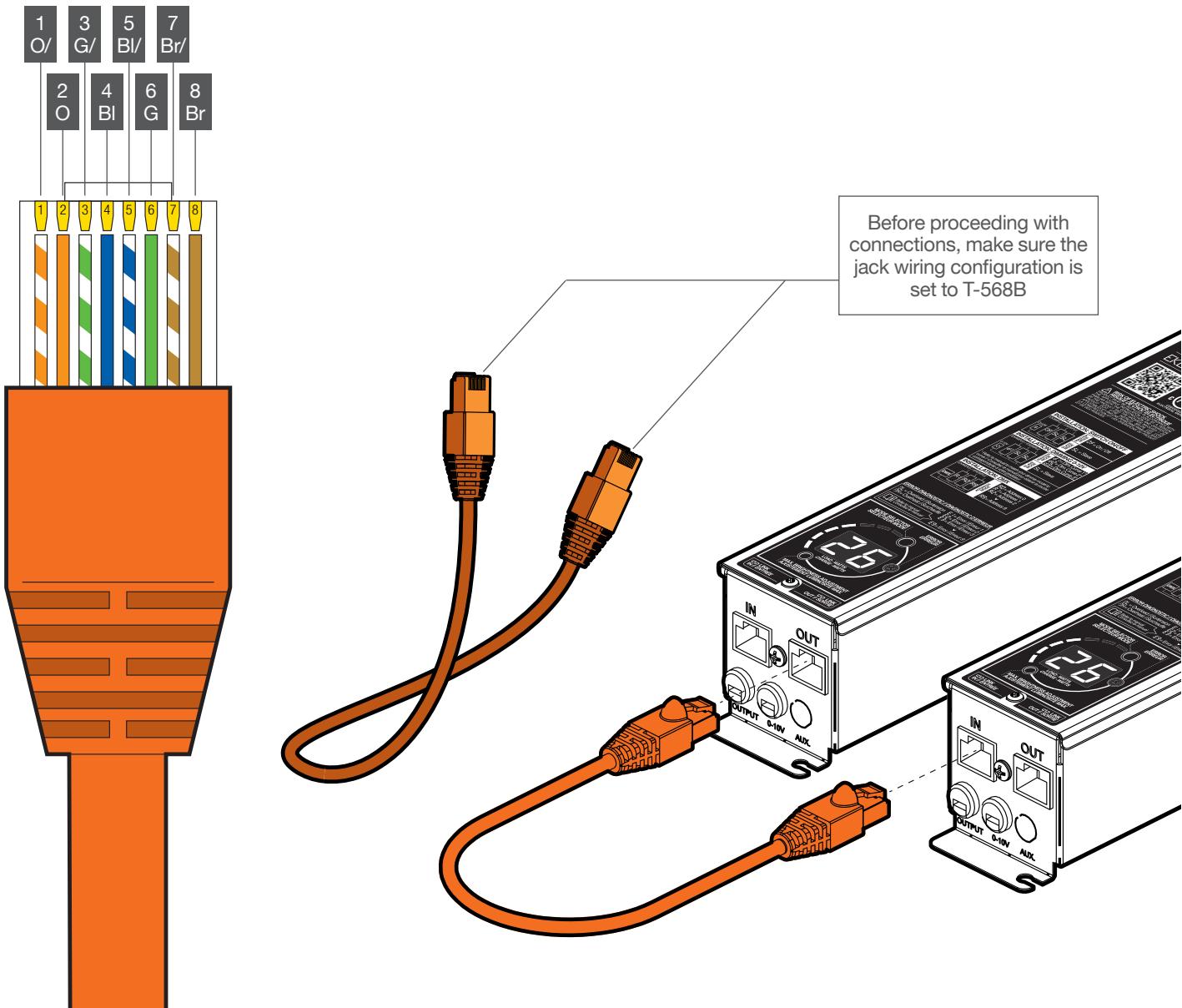
### CONNECTION CABLE MAXIMUM LENGTH



# LIGHT MANAGER

## LED LIGHTING POWER MANAGER

### ETHERNET JACK RJ45 WIRING DIAGRAM



# LIGHT MANAGER

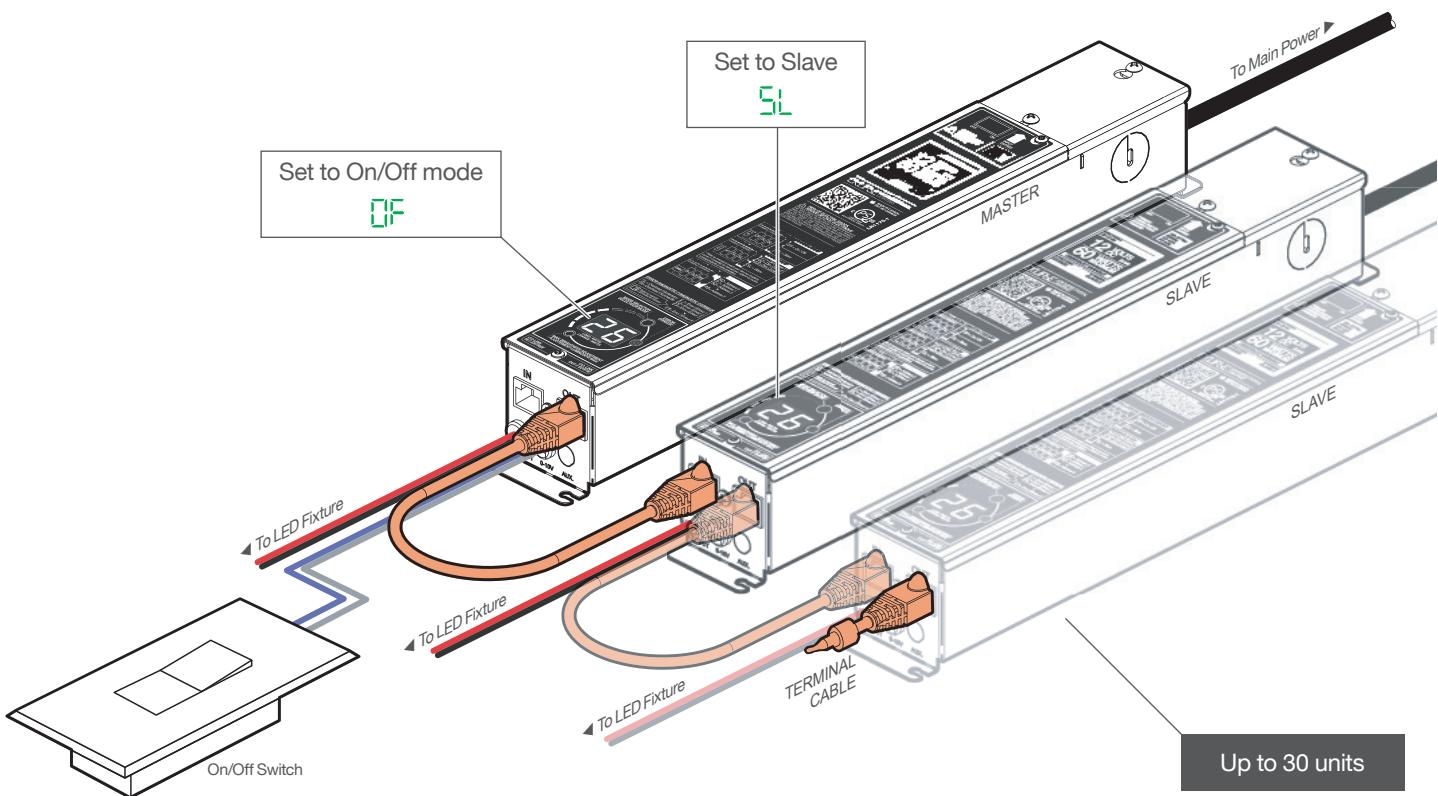
## LED LIGHTING POWER MANAGER

### ON/OFF SWITCH INSTALLATION SCENARIO

Set the MASTER Light Manager to ON/OFF MODE (OF) and connect it to the On/Off Switch using the Grey/VIOLET wires.

A maximum of 30 Light Managers can be linked to the MASTER Light Manager and must be set to SLAVE MODE (SL).

The length of the wire data linked to the Light Managers can be 500 ft long. The terminal Cable is needed to close the data line.



# LIGHT MANAGER

## LED LIGHTING POWER MANAGER

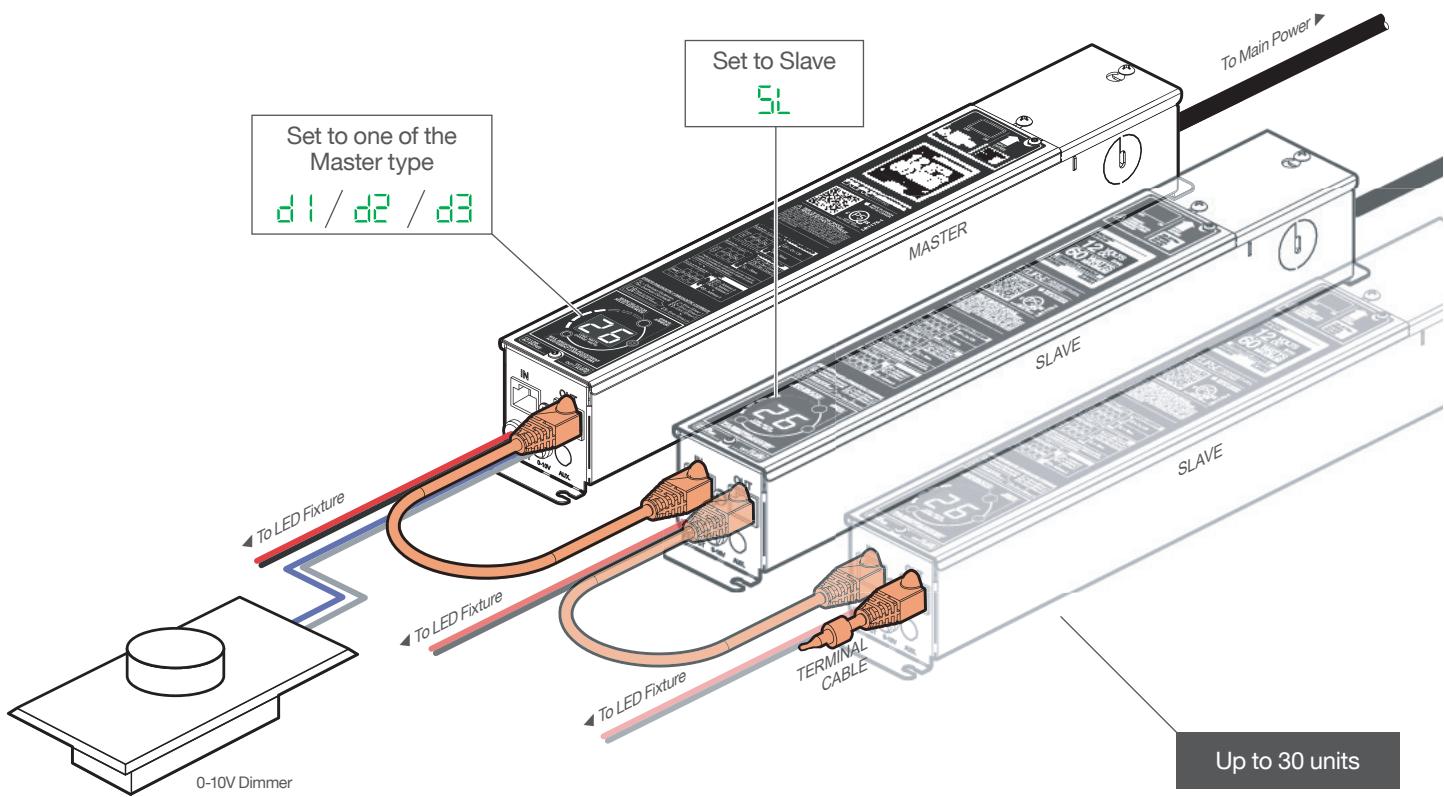
# LED LIGHTING POWER MANAGER

## 0-10V DIMMER INSTALLATION SCENARIO

Set the MASTER Light Manager to DIMMER MODE (D1-D3) and connect it to the 0-10V Dimmer Switch using the Grey/VIOLET wires.

A maximum of 30 Light Managers can be linked to the MASTER Light Manager and must be set to SLAVE MODE (SL).

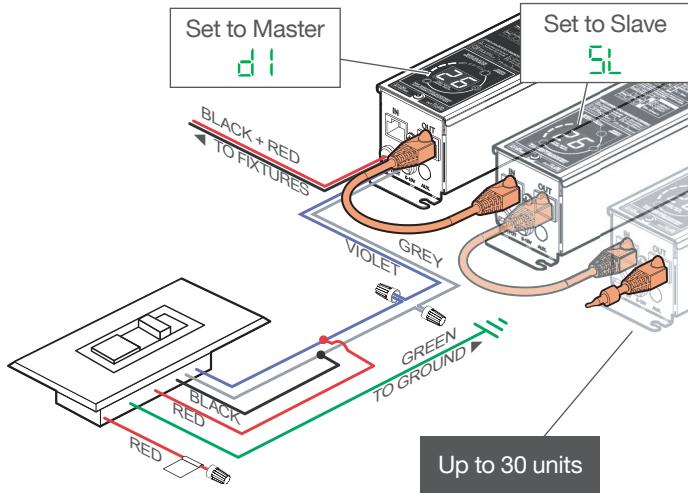
The length of the wire data linked to the Light Managers can be between 500 ft long. The terminal Cable is needed to close the data line.



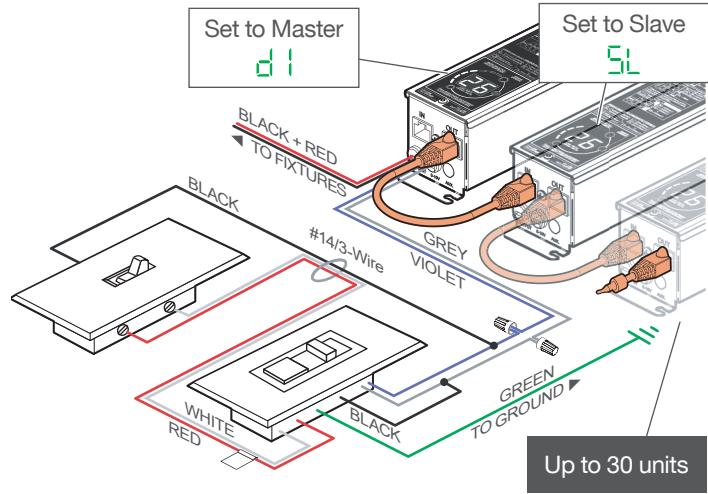
# **LIGHT MANAGER**

## **LED LIGHTING POWER MANAGER**

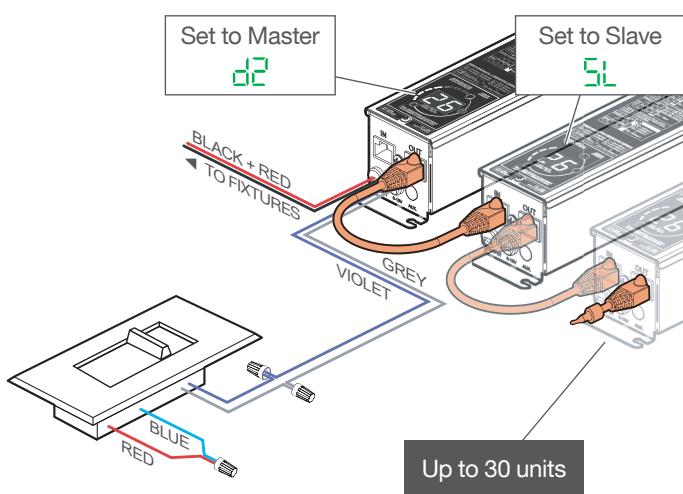
## WIRING: LEVITON™ IP710-DLZ



## WIRING: LEVITON™ IP710-DLZ + 3 WAY SWITCH



## WIRING: LUTRON™ NOVA T NTFTV



## DIMMING CURVE COMPENSATION TABLE

Mode	Dimmer Manufacturer	Typical Dimming Curve	Light Manager Compensation	Result
D1	Leviton™ IP710-DLZ			
D2	Lutron™ NOVA T NTF7V			
D3				

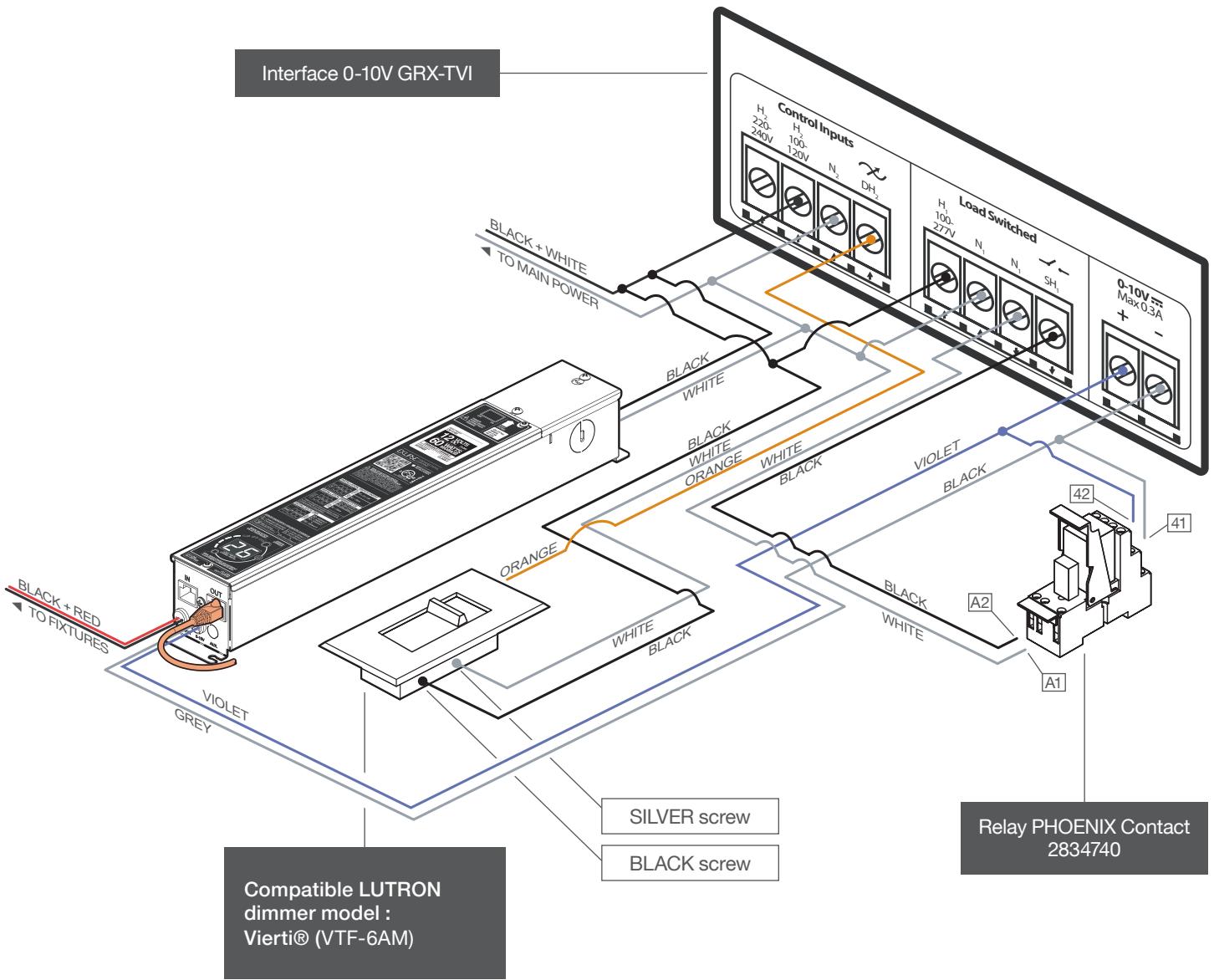
As 0-10V dimmers do not have the same dimming curve, the Light Manager can compensate that dimming curve to render the dimming experience smooth and linear.

For example, as the Lutron™ Nova T NTFTV produces a Exponential dimming curve. Setting the Light Manager to D2 will compensate the dimming curve by applying a the opposite dimming curve (Logarithmic), resulting in a more linear dimming experience.

# LIGHT MANAGER

## LED LIGHTING POWER MANAGER

### WIRING: LUTRON™ SYSTEM



# LIGHT MANAGER

## LED LIGHTING POWER MANAGER

### WIRING: LUTRON™ DIMMING MODULE 0-10V GRX-TVM2

