



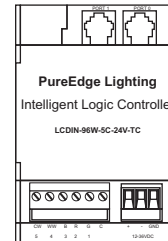
1718 W. Fullerton Chicago, IL 60614  
 Ph: 773.770.1195 • Fax: 773.935.5613  
 www.PureEdgeLighting.com • info@PureEdgeLighting.com  
 © 2016 PureEdge Lighting. All Rights Reserved.

## Installation Instructions for **Intelligent Logic Controller DIN Rail**

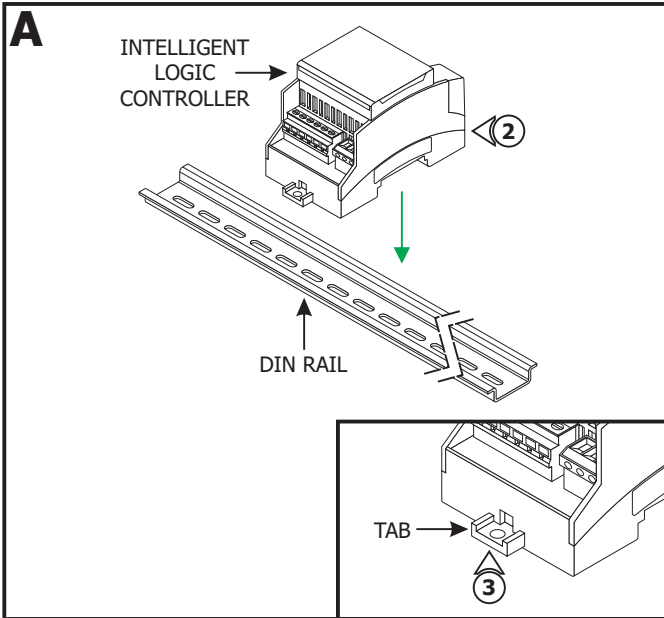
### GENERAL INFORMATION

- This instruction shows a typical installation.
- Intelligent Logic Controller must be used with Pure Smart TruColor™ LED Strips and linear fixtures. Refer to the instructions provided with the Pure Smart TruColor™ LED Strips and linear fixtures to complete the installation.

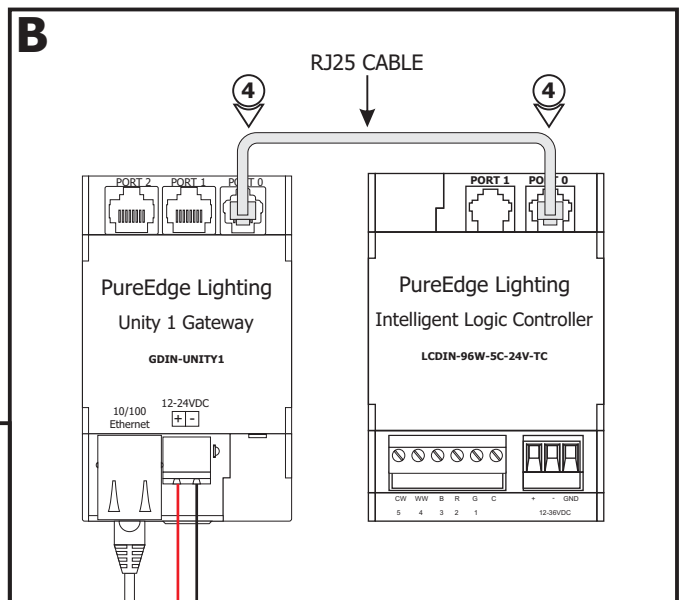
**SAVE THESE INSTRUCTIONS!**



### Install the Interface



- 1:** Determine the mounting location for the Intelligent Logic Controller.
- 2:** To install the Intelligent Logic Controller on a DIN rail, ensure the DIN rail is properly mounted. Gently release the mounting tab on the bottom of the Intelligent Logic Controller and hook one side of the Controller on the top edge of the DIN rail. Press down until the mounting tabs snap securely onto the DIN rail.
- 3:** To install the Intelligent Logic Controller on a surface, use fingers to gently release the mounting tabs on the bottom of the Intelligent Logic Controller and use the appropriate fasteners through the mounting holes to secure in place.

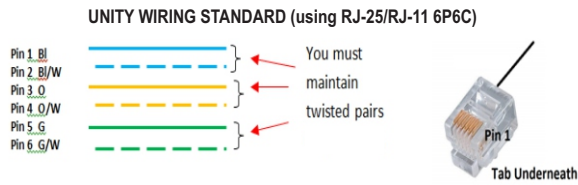


**NOTE:** Refer to the instructions with the Unity 1 Gateway for complete wiring.

- 4:** If connecting the Intelligent Logic Controller to the Unity 1 Gateway, use an RJ25 cable to connect from Port 0 on the Intelligent Logic Controller to Port 0 on the Unity 1 Gateway.

**C**

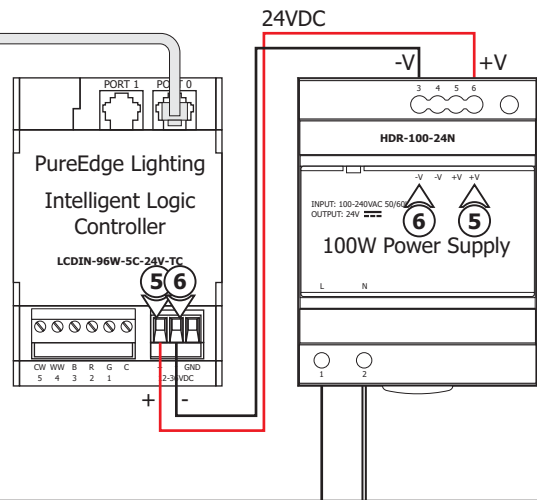
**Note:** Blue (local comm):  
CAT 5 or better terminated with RJ25 (6P6C).



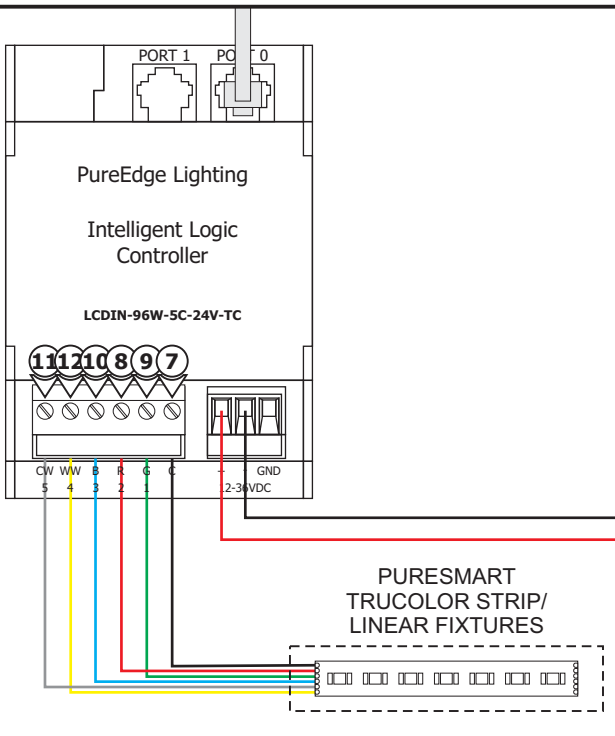
**NOTE:** The **Unity 1 wiring** uses standard RJ-25 (RJ-11) 6P6C connectors available at Home Depot, Amazon, and all electrical distributors. **You cannot use standard flat telephone cable for this type cable (i) does not have twisted pairs and (ii) utilizes typically a swapped wiring pinout (1-6, 2-5, 3-4, etc.) which is not compatible with the Unity 1. Failure to follow the Unity 1 wiring standard will void your warranty.** If you return a unit to Pure Edge Lighting with its communication chip destroyed this is a telltale sign that you used Telephone cabling. **REPEAT--DO NOT USE TELEPHONE CABLE.** Also, **do not attempt to use standard Ethernet cabling (568B or 568A)** by simply cutting the browns or oranges for this **will leave the twisted pairs inconsistent with our Unity 1 Wiring Standard** (the middle two lines will not be a twisted pair and data integrity will be lost).

- 5:** Insert one end of the red wire into the + terminal on the Intelligent Logic Controller. Insert the other end of the red wire into the +V terminal on the 100W Power Supply.
- 6:** Insert one end of the black wire into the - terminal on the Intelligent Logic Controller. Insert the other end of the black wire into the -V terminal on the 100W Power Supply.

**D**

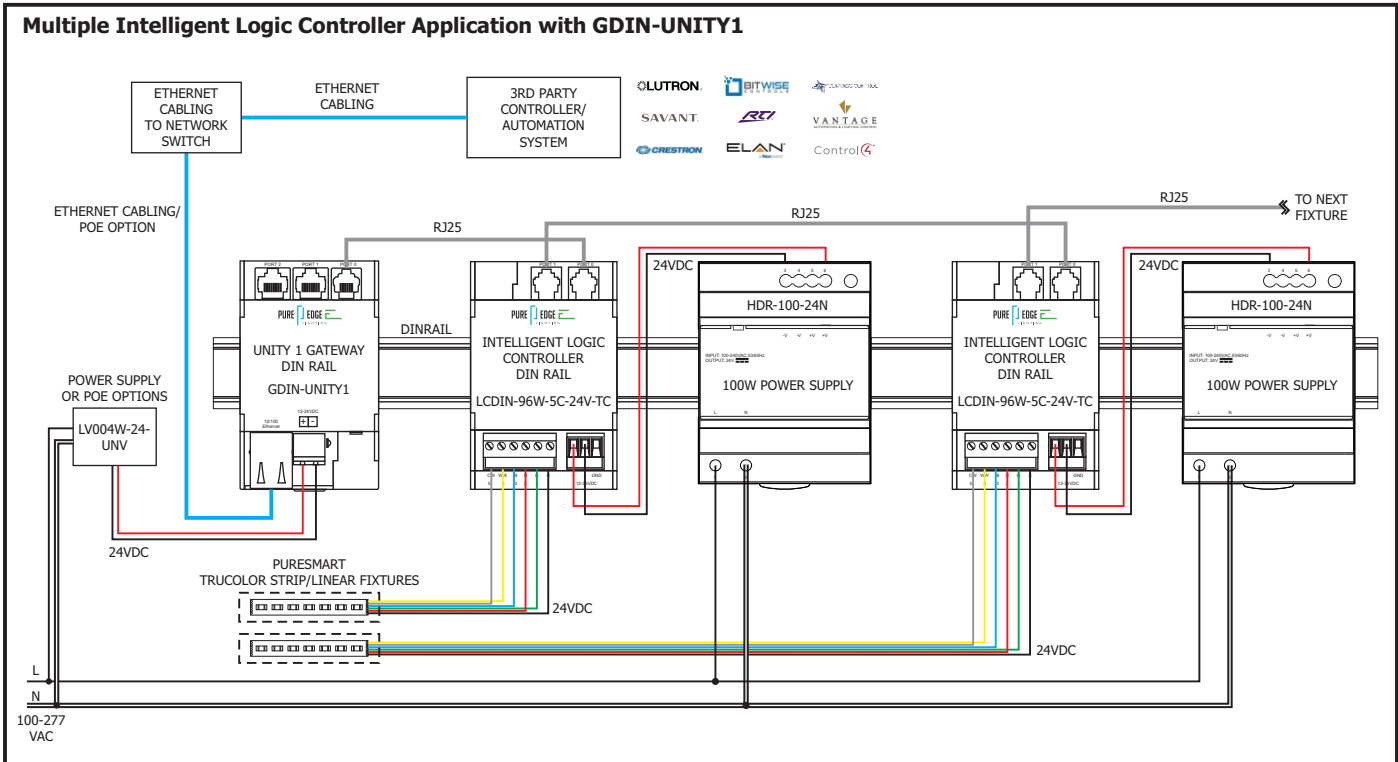
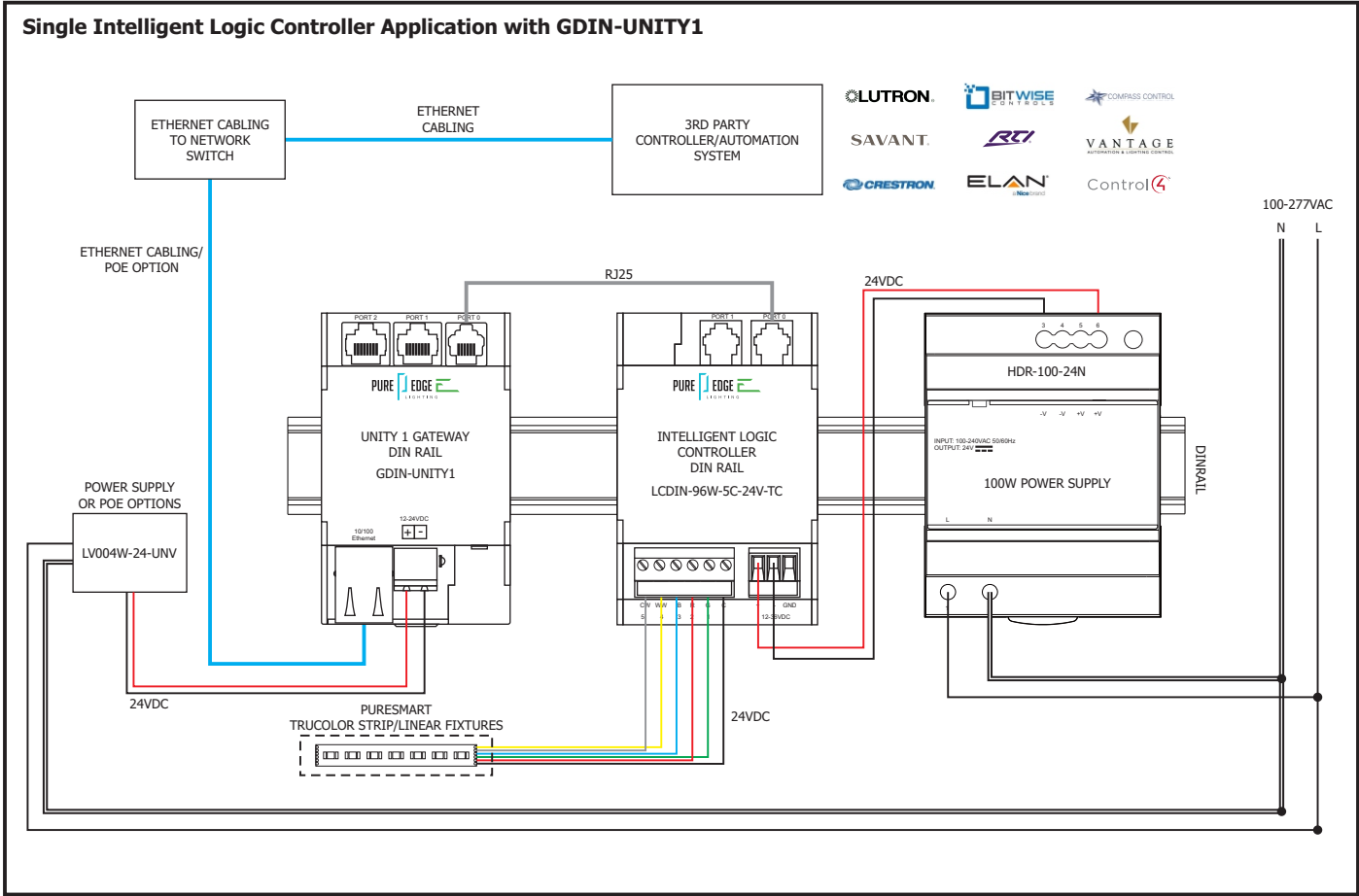


**E**



- 7:** Insert the "+" fixture wire into the "C" terminal of the Intelligent Logic Controller and tighten the screw.
- 8:** Insert the "R" fixture wire into the "R" terminal of the Intelligent Logic Controller and tighten the screw.
- 9:** Insert the "G" fixture wire into the "G" terminal of the Intelligent Logic Controller and tighten the screw.
- 10:** Insert the "B" fixture wire into the "B" terminal of the Intelligent Logic Controller and tighten the screw.
- 11:** Insert the "C" fixture wire into the "CW" terminal of the Intelligent Logic Controller and tighten the screw.
- 12:** Insert the "W" fixture wire into the "WW" terminal of the Intelligent Logic Controller and tighten the screw.

# General Wiring Diagram



# Luca TruColor Combination

