

iLumin Plus

 **WARNING**



Risk of Fire, Electrical Shock, Cuts or other Casualty Hazards- Installation and maintenance of this product must be performed by a qualified electrician. This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and hazards involved. For continued protection against shock hazard replace all covers and guards after field wiring is completed.



Before installing or performing any service, the power **MUST** be turned **OFF** at the branch circuit breaker. According to NEC 240-83(d), if the branch is used as the main switch for a fluorescent lighting circuit, the circuit breaker should be marked with "SWD". All installations should be in compliance with the National Electric Code and all state and local codes.



Risk of Personal Injury- Due to sharp edges, handle with care. Always use at least two people when lifting and mounting heavy or large units



Failure to comply with these instructions may result in serious injury (including death) and property damage.

DISCLAIMER OF LIABILITY: Cooper Lighting Solutions assumes no liability for damages or losses of any kind that may arise from the improper, careless, or negligent installation, handling or use of this product.

IMPORTANT: Read carefully before installing product. Retain for future reference.

NOTICE: Product may become damaged and/or unstable if not installed properly.

Note: Specifications and dimensions subject to change without notice.

ATTENTION Receiving Department: Note actual product description of any shortage or noticeable damage on delivery receipt. File claim for common carrier (LTL) directly with carrier. Claims for concealed damage must be filed within 15 days of delivery. All damaged material, complete with original packing must be retained.

NOTICE: If a room is wired for two circuits using two separate hot leads, it is very important to connect only one circuit per relay. Both circuits must be fed from the same phase.

NOTICE: Ensure that all modules are firmly seated on the DIN rails before beginning field wiring.

NOTICE: The high voltage supply should be fed to the cabinet via an external isolation breaker with sufficient capacity for the planned installation.

NOTICE: Ensure that the supply is fully isolated at an external breaker before opening doors. Test that power has been removed before starting to handle conductors.

NOTICE: Ensure that high voltage and low voltage wiring remains separate.

NOTICE: All new wiring must be fully verified before applying power.

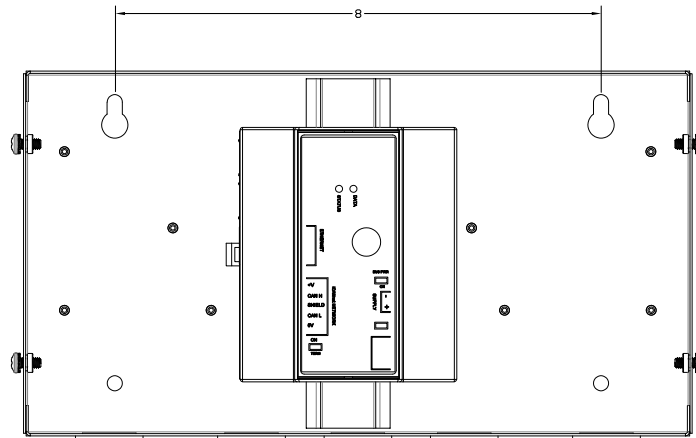
NOTICE: Designed for indoor installation and use only. Dry location rated.

Overview

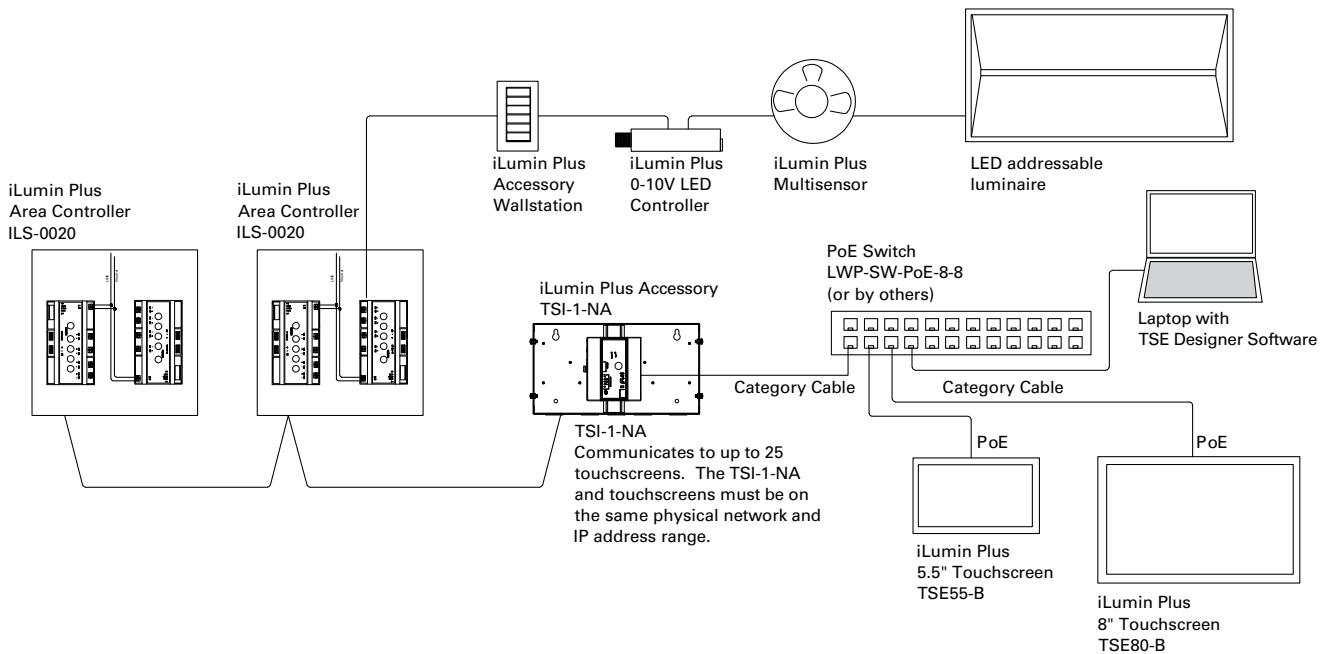
The TSI-1-NA Touchscreen Interface acts as a host for TSE55-B and TSE80-B color touchscreens. The TSI-1-NA permits the iLumin Plus touchscreens to control any area on the iLumin Plus network. The TSI-1-NA can coordinate communications with up to 25 touchscreens on one network.

Mounting

TSI-1-NA must be installed in a suitable DINrail enclosure. Always mount in well ventilated location.



Typical Schematic



Software Specifications

For programming TSI-1-NA: iLumin Plus Software and TSE Designer software is required.

Electrical & Mechanical Specifications

Control: iLumin Plus network connection

Supply: +10 - 24V DC @ 750 mA Max (via external power supply)

Terminal Size: LCCP or LCCNP cable size: 5 x 1mm². Power cable size: 2 x 1mm²

Protection: Provided by installer

Recommended Cable: LCCP or LCCNP Network Cable

Ambient temperature: 2°C – 50°C

Relative humidity: 5% - 95% max, non-condensing

IP rating: IP20

Installation: Installation must be carried out by a suitably qualified electrician and installed in a suitable DIN rail enclosure.

Dimensions: 6.1"W x 11.1"L x 2.8"D (155mm x 282mm x 71mm)



Warranties and Limitation of Liability

Please refer to www.cooperlighting.com for our terms and conditions.



Cooper Lighting Solutions
1121 Highway 74 South
Peachtree City, GA 30269
P: 770-486-4800
www.cooperlighting.com
For service or technical assistance:
1-800-553-3879

© 2020 Cooper Lighting Solutions
All Rights Reserved
Printed in USA
Publication No. IB503053EN
September 2019



Cooper Lighting Solutions is a registered trademark. All trademarks are property of their respective owners.

Product availability, specifications, and compliances are subject to change without notice.