## DISTRIBUTED LIGHTING CONTROL SYSTEM SPECIFICATION:

- LEVO-TC Controller: Each controller shall be designed to be remotely installed and provise course or a remote loss continue mays, a resource sizes may be remotely installed and provise course or a removable source course or a removable source size. The controller shall be provided with a 12" nipple and pre-drilled mounting holes. Persum Rated: Each controller shall be subtable for pierum mounting, Controllers without this rating shall be unacceptable.
  Listing: Liphing control shall be ULCUL, listed and shall be an expected with a distalled. Listing complete and the ULCUL, listed and shall be an expected with a distalled. Listing controller shall be provided with 6" wire leads for terminating the high voltage connections. All connections shall be made to clearly and permanently labeled termination

- 2. Controller Parker Supply, Each lighting controller shall be provided with of wire leads for terminating the light of class 2 power supply capable of 120/277 VAC or optional 120/347 VAC primary (50 to 60 Hz). It shall contain an internal self-resulting fuse.

  2. Figh Voltage Connections. Each controller shall be provided with 6" wire leads for terminating the light voltage connections. All connections shall be made to deathy and permanently labeled termination points.

  2. Figh Voltage Connections. Controllers shall also be provided with 6" wire leads for terminating the light voltage connections. B shall also be provided push-to-connect connectors for occupancy sensors and problems of the provided push-to-connect connectors for occupancy sensors. All connections shall be made to deathy and permanently labeled termination points.

  2. Occupancy Sensor leptos: It shall have 4 independent inputs, and each input shall be also to interface multiple occupancy sensors or hardwised switches. Each input shall control any or all the relays in the lighting controller shall be provided any or all the relays in the lighting controller shall provide any or all the relays in the lighting controller shall provide any or all the relays in the lighting controller shall provide any or all the relays in the lighting or devices connected to the controller and provide any or all the relays in the lighting or devices connected to the controller and provide any or all the relays in the lighting controller shall be provided with 72-56 light to dark levels (0-1800fc). It shall allow the selection of 8 individual septions for CFF and ON and includes a selectable range of dead-band. It shall be programmable for a 2- or 30-second Each set point shall control any or all the relays in the lighting controller as a provided with 2-65 light to dark levels (0-1800fc). It shall allow the selection of 8 individual septions for CFF and ON and includes a selectable range of dead-band. It shall be programmable for a 2- or 30-second Each set point s

- protection.

  Relign Ratings; it shall be provided with 4- or 5-50A load relays that shall be detailed for 16 amps for durability. It shall control 16A for each set of 4 outputs:

  16A, 102777VAC Electronic Ballast (LED)

  16A 10277VAC Targeten

- 16A 120/27/VAC Tungsten
   1/4 HP @ 120/VAC Motor Load
   1/4 HP @ 120/VAC Motor Load

- Som Av SLightSync devices connected to the controller
   - Attribute VIL sightSync devices connected to the controller
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   - Attribute VIL sightSync devices
   - Attribute VII sightSync de
- diminiser outputs.

  Local Data Line Prof. It shall provide an RAS data line port for up to 17 LightSync data line devices. If shall provide power to full pulsy for the region is an elegant to the provider of the provider o

- Control of Provide Supply Early lighting controller shall be provided with a disafrated, UL-stade Class 2 power supply capable of 120/277 VAC primary (50 to 80 Hz), it shall contain an internal fuse for protection.

  Relay Ratings: It shall be provided with 2.50 kind relays that shall be de-rated for 20 amps for durability:

  1. Relay Ratings: It shall be provided with 2.50 kind relays that shall be de-rated for 20 amps for durability:

  2. Relay Ratings: It shall be provided with 2.50 kind relays that shall be de-rated for 20 amps for durability:

  2. Relay Ratings: It shall be provided with color-coded wire leads. All corrections shall be made to clearly and permanently labeled terminations.

  1. High Vision Connections: Shall be permanently labeled terminations.

  1. Coccupancy Security control of the analysis of the control of the data lines, coccupancy sensor, and prints sensor connections. Dimming shall be provided with color-coded wire leads. All connections shall be permanently labeled terminations.

  1. Coccupancy Sensor (prusts: It shall have I imput with power provided. The replication of the data lines, coccupancy sensor, and prints sensor connections. Dimming shall be provided with color-coded wire leads. All connections shall be made to clearly and permanently labeled terminations.

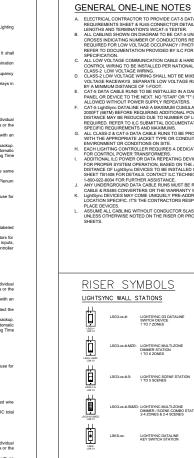
  1. Coccupancy Sensor (prusts: It shall provide a provided with an expensive presence of the control of the control of the complete of the control of the complete shall be provided with an expensive presence of the control of

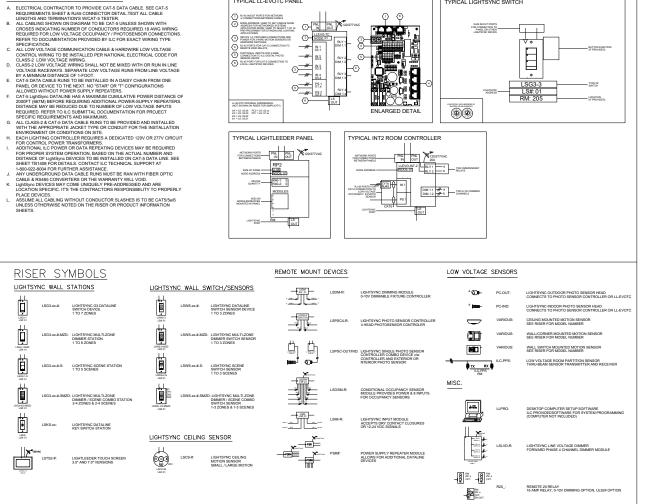
## WITCH STATIONS AND COVER PLATES

- g and Control Devices.

  Bevice Noted Capacity. The lighting controler shall support switch input control of up to 64 data line. LightSync devices locally. The first 8 device nodes shall be powered by the LightLEEDer EVO controler. The addition of a power supply or power supply repower supplyingeater shall be required for each additional 20-device node. Each LightSync devices shall have a unique address and shall be capable of being programmed to the applicable functions.

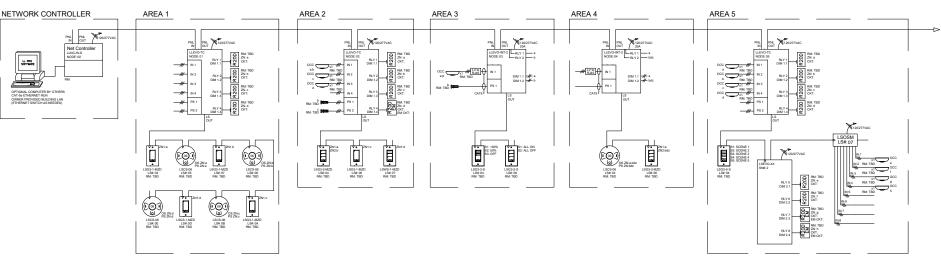
  Data Line Media: The data line shall consaid of RS485 communications protocol transmitted over CAT-5, CAT-5E, or CAT-6 Cable. The cable have made R445 connections installed on each end for interfeding controllers and LightSync devices. Both diship-chain and "Ti-Gd-rection branching) of cable runs shall be permitted. "The transfiler shall be accomplished by the addition of power
- interfacing controllers and LightSync devices. Both clasy-chain and "T" C-direction branching of cable runs shall be permitted. "T branching shall be accomplished by the addition of power states a state of the provided with optional dimming Raise and Lower buttons. Switches can be provided with optional dimming Raise and Lower buttons. Switches can be provided with optional dimming Raise and Lower buttons. Switches can be provided as Scene Multi-zone, Scene Stations, Multi-zone Stations, or Non-Dim Stations. Each button shall control any or all the relays in the lighting controller or his dimminus could be the related to the provided with 256 light to dark (seeks) (1-1000Ch). It shall allow the selection of 8 individual septoms for OFF and ON and includes a selectable range of desid-band. It shall be programmed by the 256 light to dark (seeks) (1-1000Ch). It shall allow the selection of 8 individual septoms for OFF and ON and includes a selectable range of desid-band. It shall be programmed by the care of desiders of the shall perported by a selectable range of desid-band. It shall be programmed for a 2-or 30 descent of dely. Each set port shall controller and all the relative in the light provided on the network. It shall be related and can accept dry station of related to the shall be controller and the complete of the shall be controller by the classification of the classification in the control part of the shall be controller by the classification of the shall be controller by the classification of the controller by the class of the shall be controller by the class of the shall be controller by the class of the shall be controller by the class of the controller by the cl



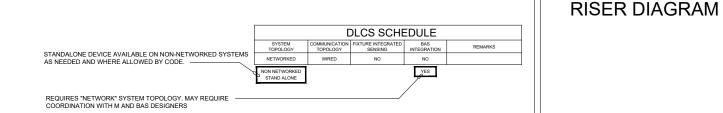


TYPICAL LL-EVOTC PANEL





TYPICAL LIGHTSYNC SWITCH





#	REVISIONS	DATE
1	XX	XX

DATE: 01/01/2024

SCALE: NONE

DRAWN BY: CW

Project:

Title:

LLEVO BOILERPLATE

GO# Sheet: R1