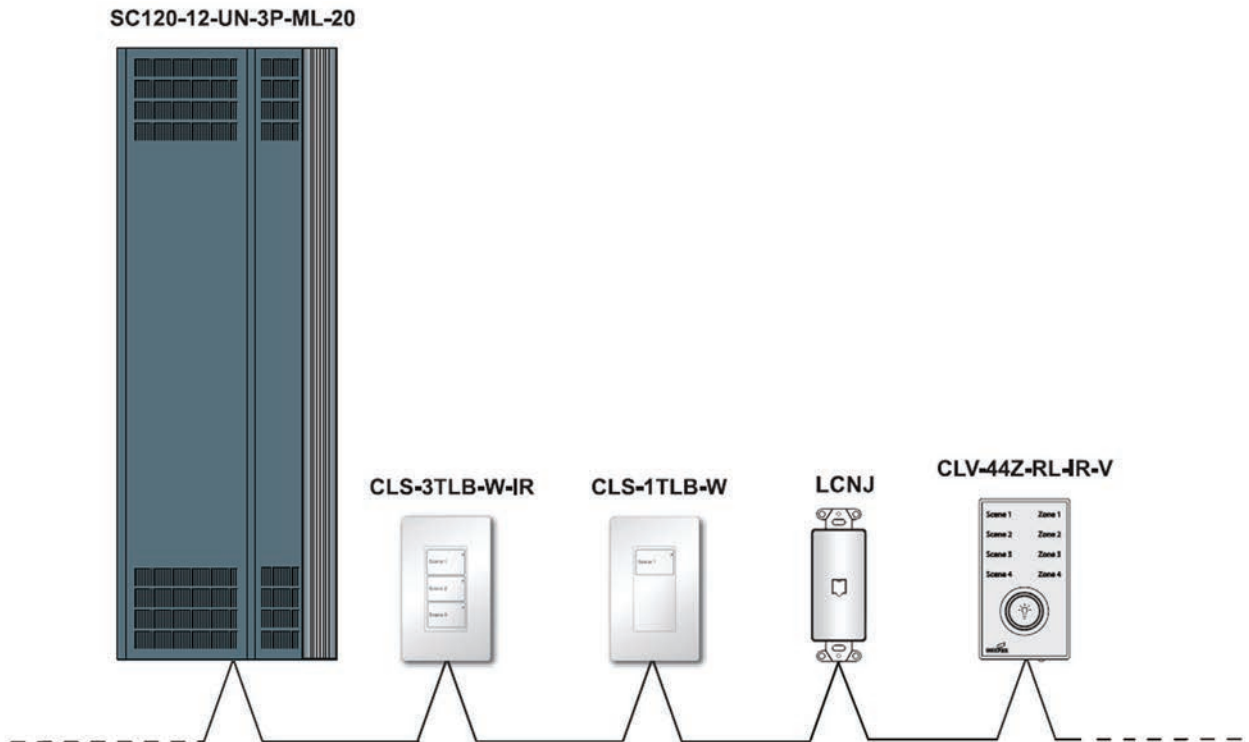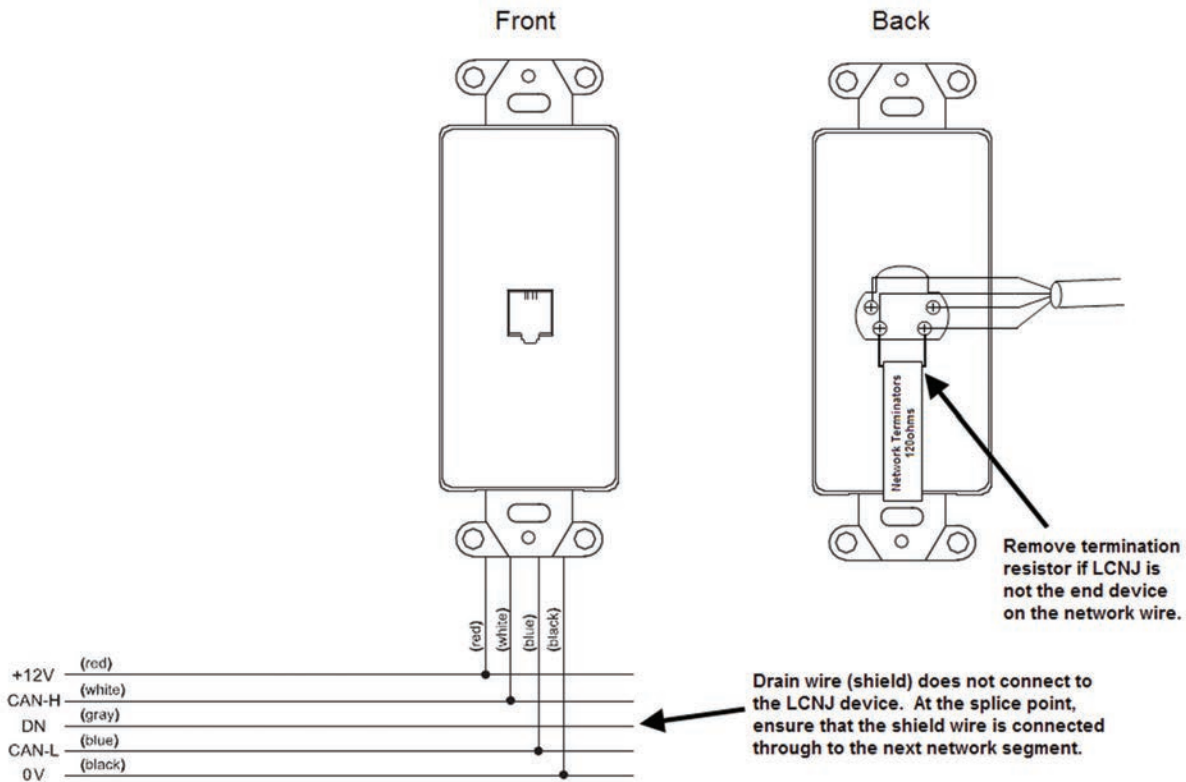# Lighting Control Network Jack

Sample System Topology, w/Lighting Control Network Jack (LCNJ)

- The LCNJ device allows access to the iLumin lighting control network while in the space where the lighting levels are being modified.

- The LCNJ may be located anywhere within the CAN bus network.

- A 6 inch wire whip is provided for wiring the device into the CAN bus network. The length of this whip may not be extended. Bring the daisy chained CAN bus network to the LCNJ location and splice the connection within the LCNJ wall box. The drain wire is not connected to the LCNJ. Ensure that the shield wire is connected through to the next network segment at the splice point.

- The LCNJ comes pre-wired with a network termination resistor. If this device is at the end of the network, make sure that this resistor is in place. If the LCNJ is located in the middle of the network, the network termination resistor should be removed.

- The LCNJ is an iLumin communications device only. Do not plug phones or phone-lines into the device as this may interfere with the function of the iLumin system.

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Wiring Detail

Front

Back

Network Terminators 120ohms

Remove termination resistor if LCNJ is not the end device on the network wire.

+12V	(red)
CAN-H	(white)
DN	(gray)
CAN-L	(blue)
0V	(black)

Drain wire (shield) does not connect to the LCNJ device. At the splice point, ensure that the shield wire is connected through to the next network segment.

WARRANTIES AND LIMITATION OF LIABILITY

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