

# Store Bi-Level Lighting

*“Saving energy in our stores is critical to our bottom-line. The wireless solution allows us to implement energy saving measures and reduce the install costs.”*

## **Project Requirements:**

- Row Luminaires with Bi-Level lighting
- Occupancy and light sensors save energy
- Occupancy sensor turn off lights
- Manual-on is required to turn the lights on
- Optional Daylight Sensor dims row 5
- Optional BACnet Gateway for Building Management System integration

## **Wired - non ILLUMRA Solution:**

- 3 1/2 days - 2 electricians to pull wire
- Loss of use of space during project
- Fine tuning sensor location requires moving wires and fasteners

## **A Better Solution**

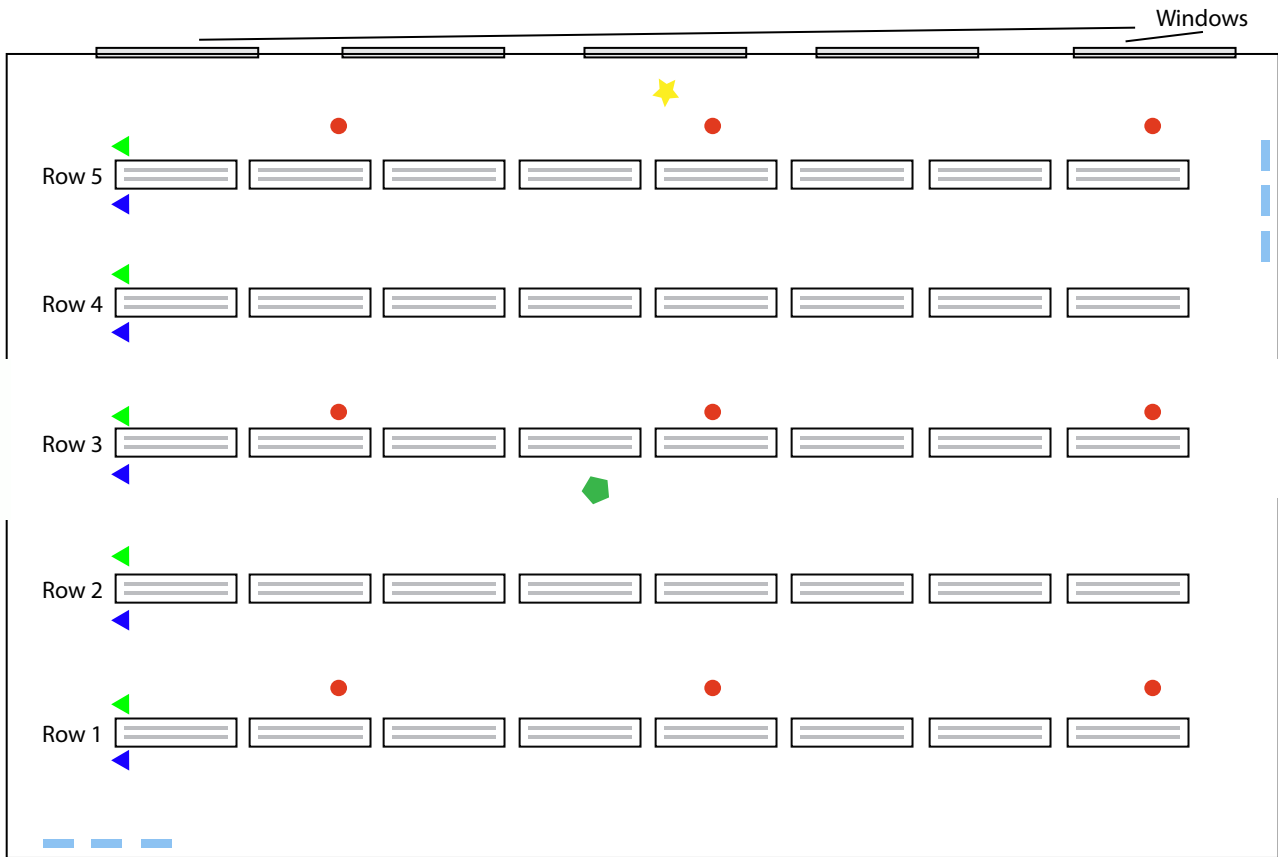
*The ILLUMRA Wireless Way*

- 3 hours to complete job - 2 electricians
- No disruption of business (Work performed after hours)
- No need to pull wires or repair walls



# Store Bi-Level Lighting

- Occupancy Sensor
- ▲ 5 Wire Relay for Ballast A
- Single Rocker Switch
- ▲ 5 Wire Relay for Ballast B
- ★ Light Sensor (optional)
- ◆ BACnet Controller



## Controls Needed for Project



**Relay + Repeater**  
E3R-R-12-3HOTP or  
E5X-R-12-3HOTP  
(Qty 10)



**Single Rocker**  
E3T-S1A  
(Qty 6)



**Occupancy Sensor**  
E3T-M15-RB24  
(Qty 9)



**BACnet Controller**  
E3X-BACFP  
(Qty 1)

### Features:

- Occupancy Sensors
- Zone Control
- BACnet integrates controls
- Wireless Bi-level Controls
- Control Left or Right side of lights (on/off) with wireless relays

### Benefits:

- Turn one side of lights to save energy
- 30-50% energy savings
- Low impact installation
- Reduce installation costs
- Easy reconfiguration
- No batteries - no maintenance - solar powered