

SEQUENCE OF OPERATIONS:

LIGHTING

- 0-10V LIGHTING LOADS
- UP TO 3 DIMMING ZONES
- OUT OF THE BOX 75% HIGH END TRIM

OCCUPANCY

- AUTOMATIC ON TO 50%
- OPTIONAL VACANCY MODE
- OPTIONAL AUTO ON TO SCENE
- PLUG LOAD TURNS ON WITH OCCUPANCY
- AUTOMATIC OFF OF LIGHTING AND PLUG LOAD ON VACANCY

DAYLIGHTING

- CONTINUOUS DIMMING TO OFF
- INDIVIDUAL LUMINAIRE DAYLIGHT DIMMING
- DAYLIGHTING NOT REQUIRED FOR INDOOR OFFICES
- NOT REQUIRED IN SPACES WITHOUT WINDOWS THAT ARE LESS THAN 120W.

MANUAL CONTROLS

- DOMINANT BUTTON 50% LIGHT LEVEL
- MANUAL ON/OFF
- PROGRAMMABLE SCENES
- SCENE RAISE
- SCENE LOWER
- ALL OFF

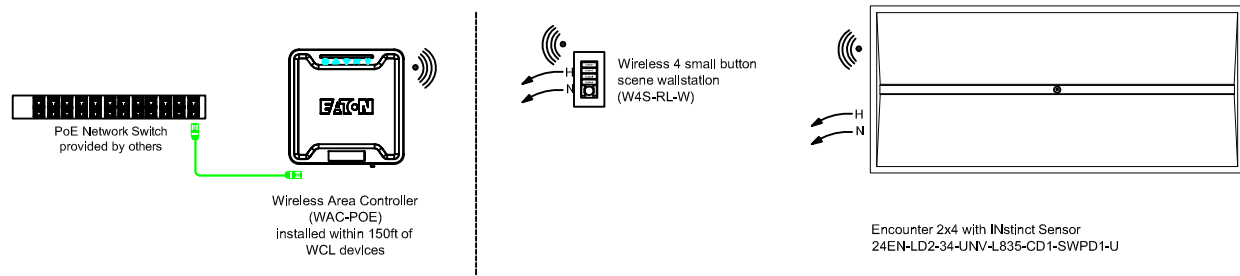
ADDITIONAL FEATURES

- POWER MEASUREMENT REPORTING THROUGH MOBILE APPLICATION
- AUTOMATIC DEMAND RESPONSE AVAILABLE FROM WIRELESS AREA CONTROLLER
- SCHEDULING OF PARTIAL OFF LIGHT LEVELS AND TIMES FROM WIRELESS AREA CONTROLLER
- UL924 EMERGENCY CONTROL CAPABILITIES AVAILABLE VIA LUMINAIRE BATTERY BACKUP

Bill of Materials

| Qty | Catalog # | Description |
|-----|----------------------------------|------------------------------------|
| 1 | WAC-POE | Wireless Area Controller |
| 2 | W1L-RL-W | 1 Large button scene wallstation |
| 6 | 24EN-LD2-34-UNV-L835-CD1-SWPD1-U | Encounter 2x4 with Instinct Sensor |

TYPICAL WIRING DETAIL



| Design Consideration: | Best Practice: | Best Practice: |
|-------------------------------------|--------------------------|----------------|
| Gateway/WAC range | 150 feet to 250 feet LOS | 300 feet LOS |
| Number of interior walls | 2 walls | 3 walls |
| Distance from WAC to 1st WCL device | 150 feet | 200 feet |
| Distance between WCL devices | 75 feet | 150 feet |
| Number of hops from WAC | 4 hops | 5 hops |
| Number of areas per WAC | 16 | 16 |
| Number of zones per area | 3 | 16 |
| Number of scenes per area | 6 | 10 |

| | Local Control | Manual ON | Partial ON | Bilevel Lighting | Daylight Side | Daylight Top | Partial OFF | Automatic OFF | Scheduled OFF | Receptacle Control | Energy Monitoring | Parking Garage | Functional Testing | Demand Response |
|------------------|---------------|------------|------------|------------------|---------------|--------------|-------------|---------------|---------------|--------------------|-------------------|----------------|--------------------|-----------------|
| ASHRAE 90.1-2016 | 9.4.1(a) | 9.4.1.1(b) | 9.4.1.1(c) | 9.4.1.1(d) | 9.4.1.1(e) | 9.4.1.1(f) | 9.4.1.1(g) | 9.4.1.1(h) | 9.4.1.1(i) | 8.4.2 | 8.4.3.2 | 9.4.1.2 | 9.4.3 | |

