Network Switch

To additional
Wireless Area Controllers
(WAC-POE)

Network
Connection

PoE Injector
(WPOE-120)

PoE power and Data to
Wireless Area Controller

Wireless Area Controller
(WAC-POE)
installed within 150ft of
WCL devices



Features
- Easily installed on ceiling, wall, shelf, rack, or DIN rail
- Powered via Power over Ethernet (PoE)
- Controls up to 150 WaveLinx devices (light fixtures, relay switchpacks, wallstations, sensors, etc.)
- Supports 15 user defined and 1 construction area with multiple lighting zones, occupancy sets, and daylight sets per area
- Drag and drop programming of lighting zones and areas via WaveLinx Mobile App
- Connects to building LAN for access to BMS and OpenADR interfaces

**WaveLinx indoor design best practices**

| Design Consideration | Best Practice | Maximum |
|---|---|---|
| Gateway/WAC range | 150 feet LOS | 300 feet LOS |
| Number of Interiors 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 | 15 + construction area | 15 + construction area |
| Number of Zones per Area | 3 | 16 |
| Number of Scenes per Area | 16 | 16 |