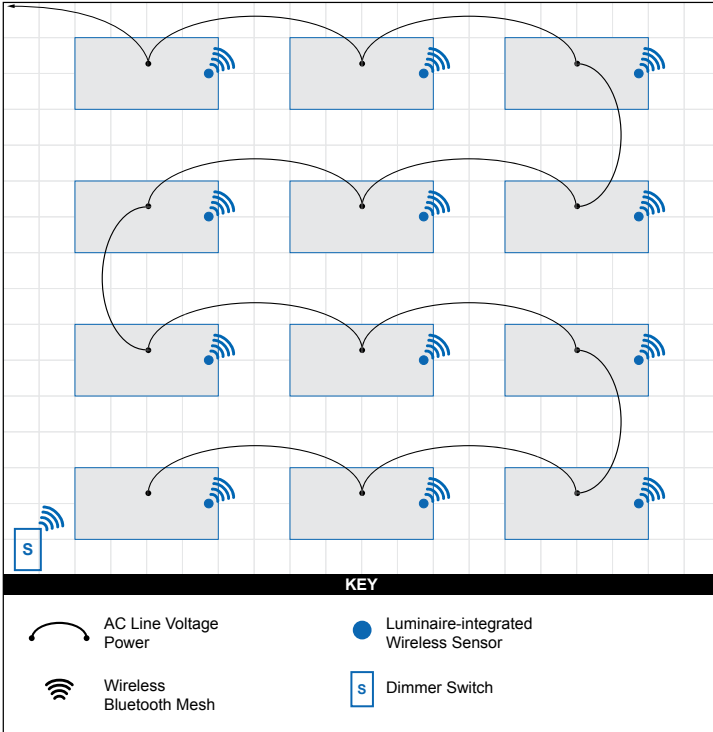


Application Diagram

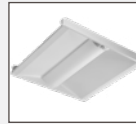


| | | | | |
|---|----------------------------|----------|-----------|------------------------------------|
| Relative Cost (Equipment) \$\$\$\$\$ | Installation Ease ●●●●● | NLC ✓ | LLLC ✓ | Versatility & Flexibility ●●●●● |
|---|----------------------------|----------|-----------|------------------------------------|

DESCRIPTION

Interior - T-Grid Drop Ceiling - Luminaire-level Wireless Sensors / Dimmer Switch

AleoBlue Components



LED Volumetric Troffer or LED Troffer Retrofit Kit with Wireless Sensor Node
Model: **LT-CD-24-UXL-34/8CT G4 ECO-OSDL/BT**



Wireless Self-Powered Kinetic Dimmer Switch
Model: **ESRPB-W-EO**

Bill of Materials

| Model No. | Description | QTY |
|---|--|-----|
| LT-CD-24-UXL-34/8CT G4 ECO-OSDL/BT | Volumetric LED Troffer Luminaire, 2' x 4', 34W Max., PIR Sensor Node | 12 |
| ESRPB-W-EO | Wireless Self-Powered Kinetic Dimmer Switch - Single Rocker | 1 |

Control Strategies & Sequence of Operations

| Name | | Description |
|--|---|---|
| Occupancy Sensing | ✓ | Auto On, Auto Off, multiple time delay options, fade time |
| Vacancy Sensing | ✓ | Manual On, Auto Off, multiple time delay options, fade time |
| Daylight Harvesting | ✓ | Continuous dimming to Off, zone level daylight dimming |
| High-End Trim | ✓ | % of max light output |
| Time-Clock / Scheduling | ✓ | Available via gateway or in-node scheduling |
| Manual Control | ✓ | Continous dimming, scene control, all Off, all On |
| Individually Addressable Fixtures (LLLC) | ✓ | Luminaire level lighting control |

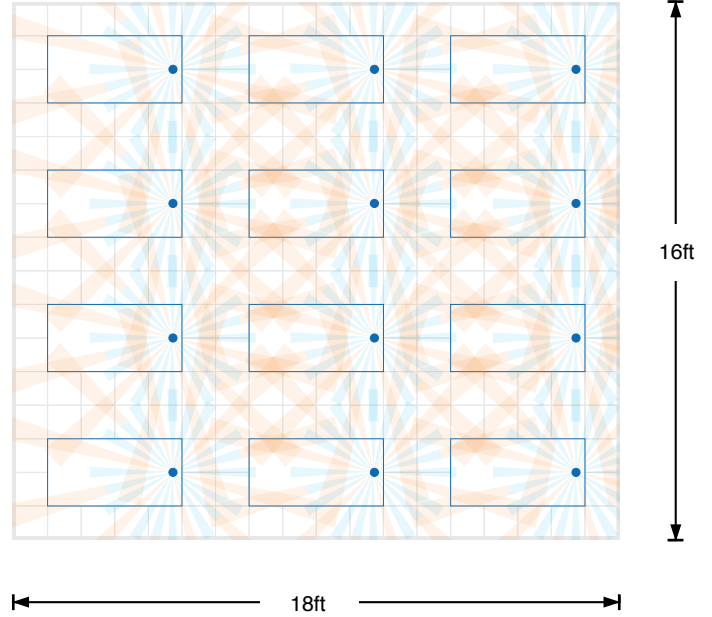


Specifications and Dimensions subject to change without notice.

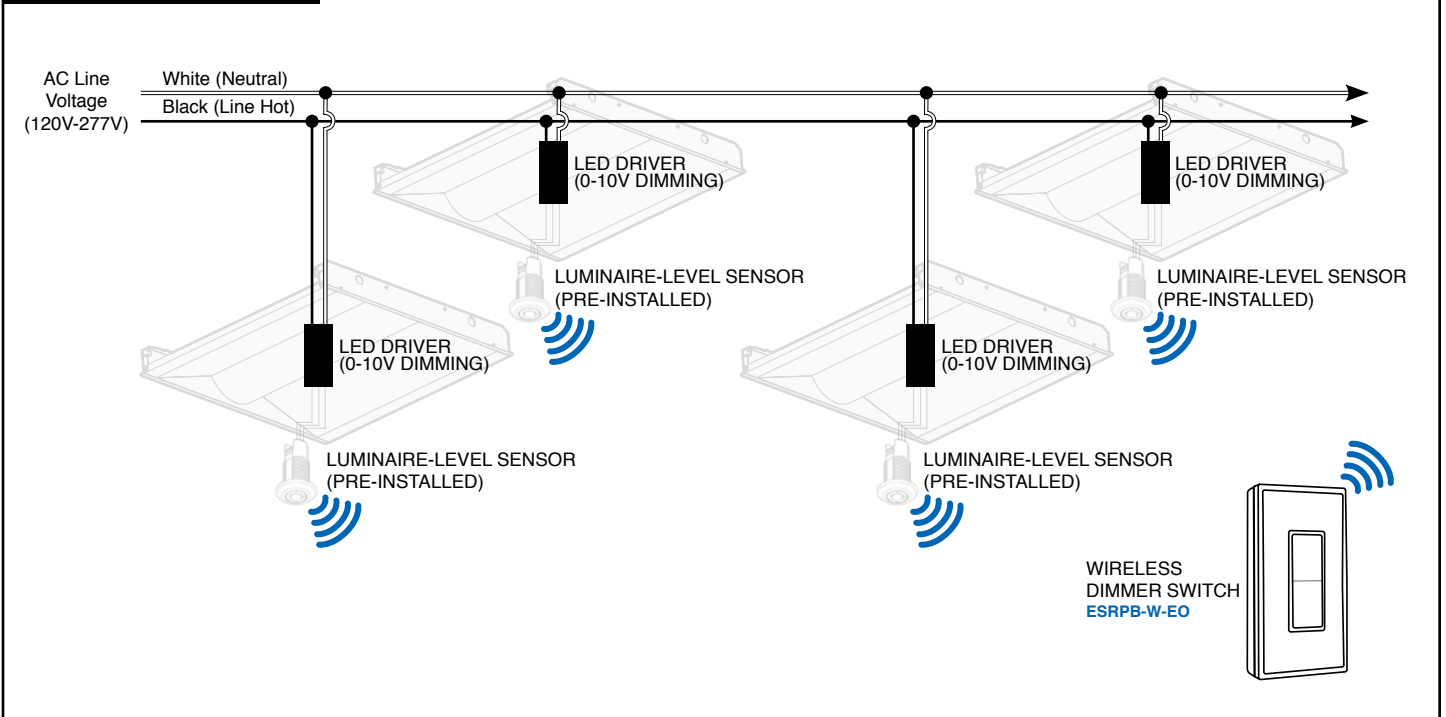
Design Considerations

| Design Considerations | Best Practices | Max |
|---|----------------------|-----------------|
| Detection / Coverage Area of Fixture Sensor | 12 ft. x 12 ft. area | 15 ft. x 15 ft. |
| Distance between each fixture sensor node | 65 ft | 82 ft |
| Distance between fixture sensor node and Wireless Dimmer Switch | 32 ft | 98 ft |
| Number of fixture sensor nodes per Area or Zone | 150 | 200 |
| Number of Bluetooth Devices (Nodes) per Gateway | 200 | 250 |
| Number of Zones per Area | 40 | 200 |

Detection / Coverage Diagram



Typical Wiring Diagram



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Aleo Lighting, Inc.
 www.aleolighting.com
 10988 Bloomfield Ave.
 Santa Fe Springs, CA 90670
 Ph: 877-358-8825

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