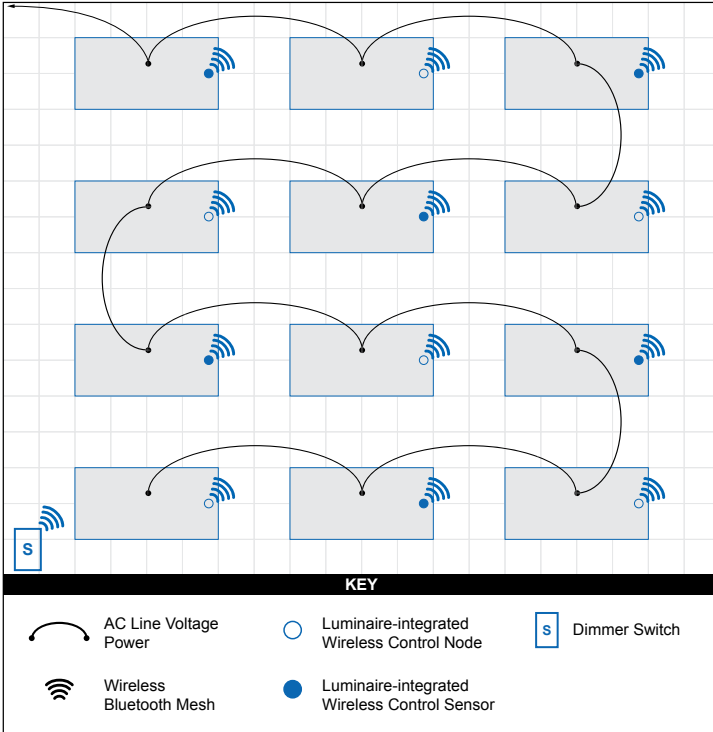


Application Diagram

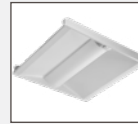


Relative Cost (Equipment)	Installation Ease	NLC	LLLC	Versatility & Flexibility
\$\$\$\$\$	●●●●●	✓	✓	●●●●●

DESCRIPTION

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

AleoBlue Components



LED Volumetric Troffer or LED Troffer Retrofit Kit with Wireless Control Node

Model: **LT-CD-24-UXL-34/8CT G4 ECO-WLC/BT**



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-WLC/BT	Volumetric LED Troffer Luminaire, 2' x 4', 34W Max., Control Node	6
LT-CD-24-UXL-34/8CT G4 ECO-OSDL/BT	Volumetric LED Troffer Luminaire, 2' x 4', 34W Max., PIR Sensor Node	6
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	✓	Continuous dimming, scene control, all Off, all On
Individually Addressable Fixtures (LLLC)	✓	Luminaire level lighting control

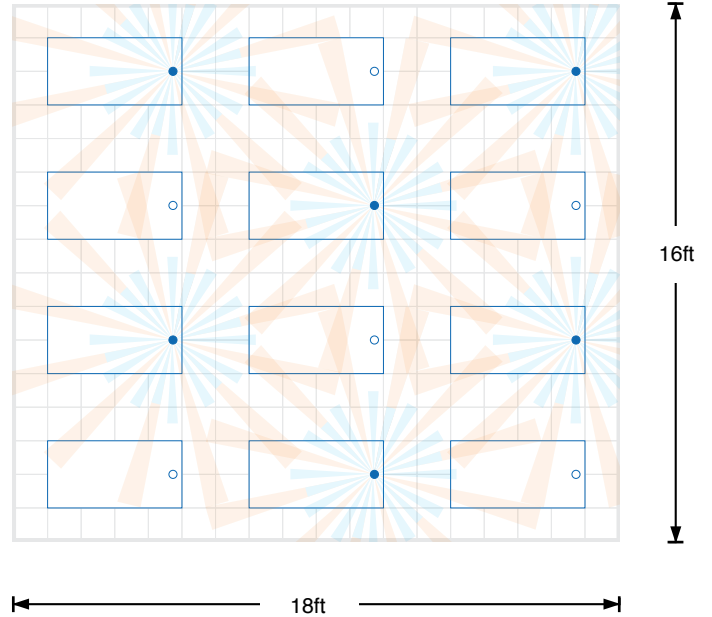


Specifications and Dimensions subject to change without notice.

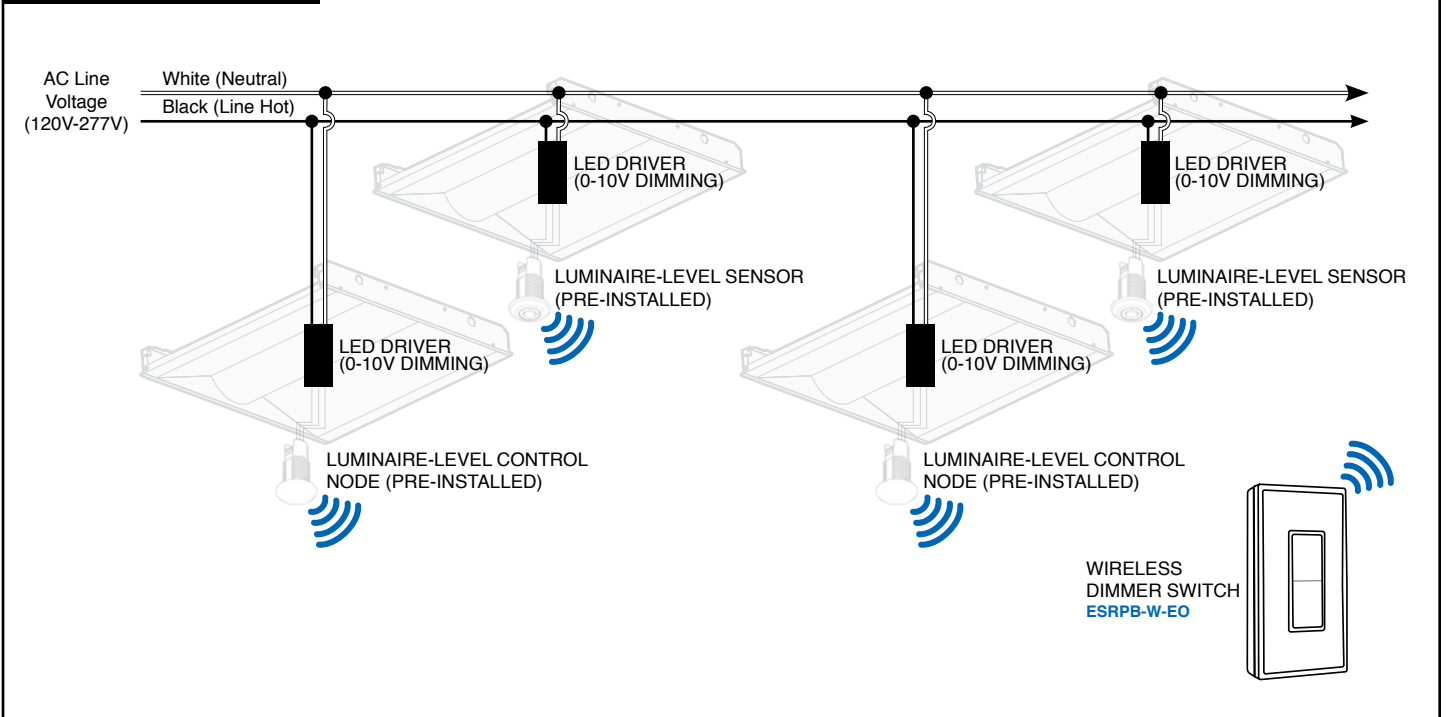
Design Considerations

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 control node	65 ft	82 ft
Distance between fixture controller node and Wireless Dimmer Switch	32 ft	98 ft
Number of fixture controller 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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