Controls Compatibility Guide

Choosing between a standalone and networked lighting control solution is easy!

Standalone and networked lighting controls offer many of the same lighting control strategies. When choosing between the two consider a few things:

A networked lighting control solution allows for fixtures to be grouped/zoned and they are commissioned using an App. Networked lighting controls allow the user to incorporate wireless wall controllers for manual control, scheduling, vacancy sensing and optional hardware can be added like a gateway for remote access. The communication between devices is via Wireless Bluetooth Low Energy Mesh.
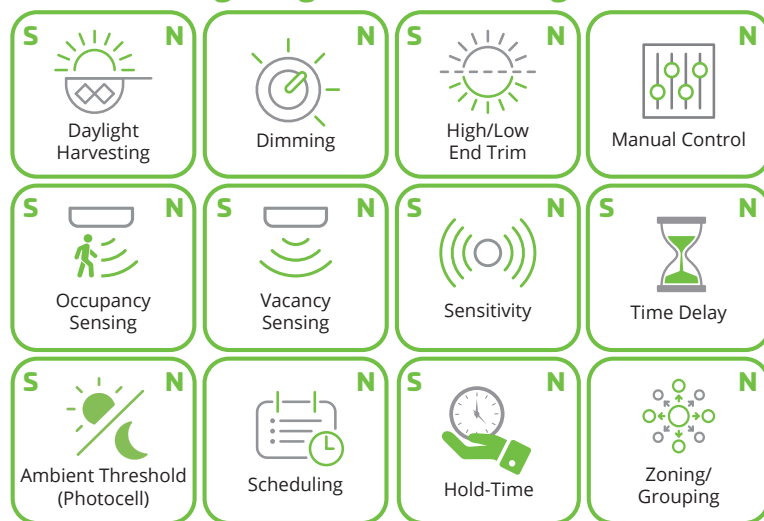
Standalone control solution does NOT allow for fixtures to be grouped or zoned and they are commissioned using a RF commissioning tool. A standalone control solution means that each fixture will act indepedant of one another.

CONTROLS READY

EiKO's makes adding controls Easy via Control Ready Fixtures.

Twist-Lock   **Screw-In**   **Snap-In**

Lighting Control Strategies

S Daylight Harvesting N	N Dimming N	S High/Low End Trim N	N Manual Control N
S Occupancy Sensing N	S Vacancy Sensing N	S Sensitivity N	S Time Delay N
S Ambient Threshold (Photocell) N	N Scheduling N	S Hold-Time N	N Zoning/Grouping N
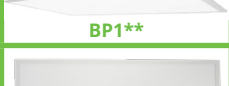
S - Standalone   **N** - Networked

Detection Methods

Microwave - detects motion by continuously sending out high radio frequency waves and looks for frequency shifts. Does not require line of site. Great for environments where heat cycles are irregular. Not recommended for use near trees or if the fixture will have any movement.

PIR - detects motion using infrared radiation through changes in temperature from the environment and moving things. Requires line of site.

FIXTURES	STANDALONE							NETWORKED		
PART NUMBER, INSTALLATION METHOD & DETECTION METHOD	SEN5A-SPPR-WH Screw-In PIR	SEN5A-SPMR-WH Screw-In Microwave	SEN5A-SPCR-WH Screw-In Photocell	SEN5A-SZPR-WH Twist-Lock PIR	SEN5A-SZMR-WH Twist-Lock Microwave	SENA-SHPR Snap-In PIR	SENA-SHMR* Push-In Microwave	SENA-WZPA-WH Twist-Lock PIR	SENA-WPPA-WH Screw-In PIR	SEN-WSI-PIR-A OR SENA-WHPA Snap-In PIR
LLH-E & EA				✓	✓			✓		
LLH-DX	SENA-AP-WH Required	SENA-AP-WH Required		SENA-AZ-WH Required	SENA-AZ-WH Required			SENA-AZ-WH Required	SENA-AP-WH Required	
LHC1	✓	✓							✓	
LH1	✓	✓							✓	
LHS1	✓	✓							✓	
LHB4	✓	✓							✓	
HBV2	✓	✓							✓	

FIXTURES	STANDALONE							NETWORKED		
PART NUMBER, INSTALLATION METHOD & DETECTION METHOD	SEN5A-SPPR-WH Screw-In PIR	SEN5A-SPMR-WH Screw-In Microwave	SEN5A-SPCR-WH Screw-In Photocell	SEN5A-SZPR-WH Twist-Lock PIR	SEN5A-SZMR-WH Twist-Lock Microwave	SENA-SHPR Snap-In PIR	SENA-SHMR* Push-In Microwave	SENA-WZPA-WH Twist-Lock PIR	SENA-WPPA-WH Screw-In PIR	SEN-WSI-PIR-A Snap-In PIR
BAYE3	✔	✔							✔	
HBX2 & 3	✔	✔							✔	
VP3*	SENA-AP-WH Required	SENA-AP-WH Required		SENA-AZ-WH Required	SENA-AZ-WH Required		✔	SENA-AZ-WH Required	SENA-AP-WH Required	
CST1*	SENA-AP-WH Required	SENA-AP-WH Required		SENA-AZ-WH Required	SENA-AZ-WH Required		✔	SENA-AZ-WH Required	SENA-AP-WH Required	
CSX1	SENA-AP-WH Required	SENA-AP-WH Required		SENA-AZ-WH Required	SENA-AZ-WH Required	✔		SENA-AZ-WH Required	SENA-AP-WH Required	✔
LLW	SENA-AP-WH Required	SENA-AP-WH Required		SENA-AZ-WH Required	SENA-AZ-WH Required			SENA-AZ-WH Required	SENA-AP-WH Required	
VL1						✔				✔
VLR1						✔				✔
BP1**										✔
EP1**										✔
SCS/SCSR				✔	✔			✔		
PG1	✔	✔							✔	
FL5	✔	✔	✔						✔	
AAL1	✔	✔	✔						✔	
VERT				✔	✔			✔		
SIG				✔	✔			✔		

*Some wiring required   ** Please check the spec sheet for compatible models