

SPIR-OSDL/BTEZ-AC-120

SimplBlue, Wireless Bluetooth PIR Occ Sensor w/ Daylight Harvesting

DESCRIPTION

Bluetooth Mesh Technology for Bluetooth enabled IOS and Android smartphone.

Flexible Grouping & Zoning: Wirelessly group luminaires to act in sync with each other.

Wireless Commissioning: Convenient commission via smartphone or wireless Bluetooth wall switch, ON/OFF/DIM.

PIR Occupancy Sensor: Support setting delay time and dimming level for a group of sensors through the app, support unique sensor linkage reaction.

Daylight harvesting / Photocell Threshold: Ambient daylight sensor allows for continuous dimming with natural light, wireless calibration available.

Scene Control: Pre-set various color brightness for individual or group of luminaires under different scene buttons, arouse all settings with one button.

QR Code for Admin / Guest Control Authority: The system will automatically generate Admin and Guest QR codes for each zone, by scanning the QR code, a second phone will copy settings.

APPLICATIONS

Indoor: Open offices, Individual offices, Conference rooms, Classrooms, Retail stores, Hospitals, Lobbies.

Performance Summary



SPIR-OSDL/BTEZ-AC-120

PIR Occ Sensor with Daylight Harvesting

Input Voltage	120~277V
Input Frequency	50/60Hz
Maximum Load	5A, 600W Max. (LED Only)
Power Consumption	Max 1W
Dimming	0-10V
Mounting Height	40ft
Detectable Speed	1~10ft./sec. (0.3~3 m/sec)
Wireless Range*	100ft
Operating Temp.	-40°F~131°F (-40°C~55°C)
IP Rating	IP65

*Bluetooth Range is highly dependent on the integration of fixtures, surrounding environment and conditions. It is recommended to conduct testing for range accuracy.

Ordering Information

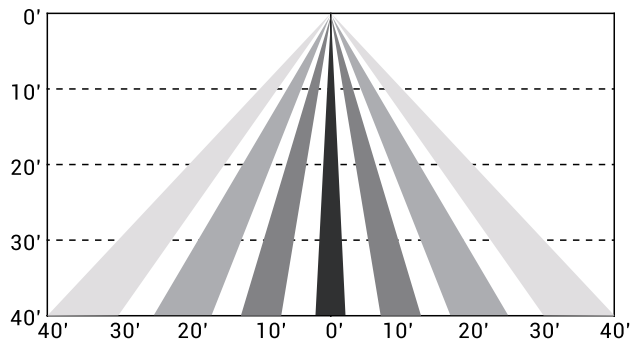
Example: SPIR-OSDL/BTEZ-AC-120

SPIR	OSDL/BTEZ	AC	120
Series	Controls	Input Power	120
SPIR	OSDL/BTEZ	AC	Designator
PIR	Wireless Bluetooth Occ Sensor with	Alternating	120
Sensor	Daylight Harvesting	Current	

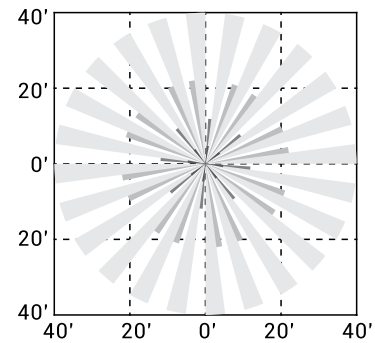
Specifications and Dimensions subject to change without notice.

Detection Area

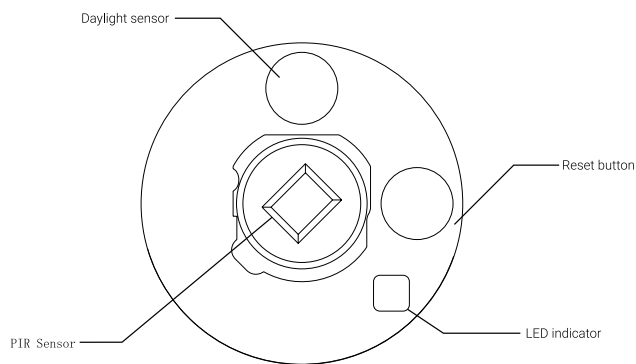
Coverage Side View



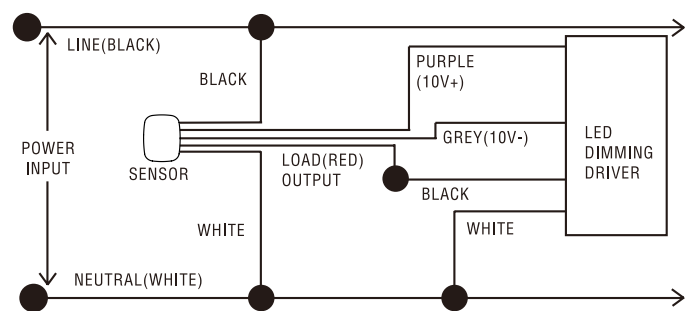
Coverage Top View



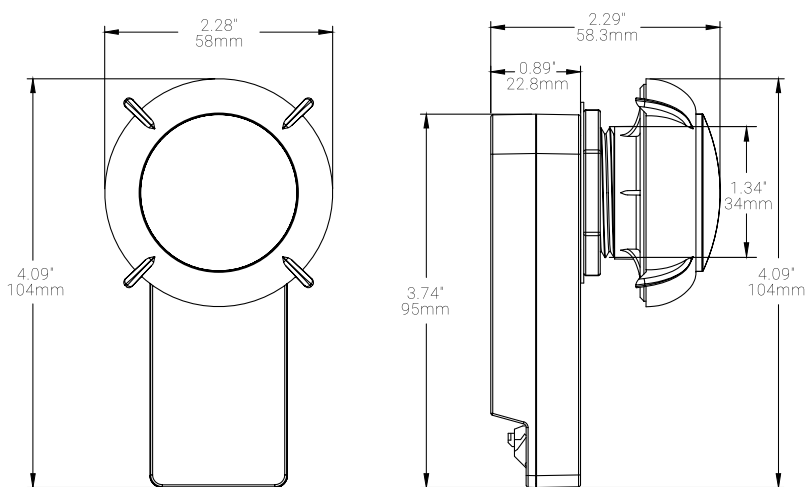
Product Overview



Wiring Diagram



Dimensions



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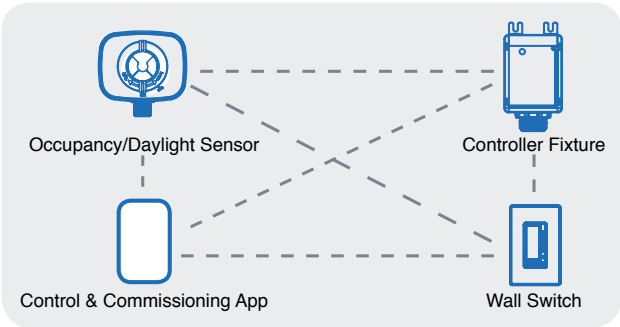
A Simple and Cost-Effective Localized Networked Lighting Control System Using Bluetooth Mesh.



SimplBlue Wireless Bluetooth Controls

SimplBlue Lighting Controls offers a complete gateway-free wireless system to control lights in a wide variety of applications. The system includes wireless fixture controllers, switches, and occupancy/daylight harvesting sensors all using Bluetooth® wireless technology. In addition to the system devices we also offer a fixture mounted controller and sensor with Bluetooth® technology providing wireless communication and occupancy/daylight harvesting control in one device. Each device has its own address for sending, receiving and sharing control commands through a wireless network. Expandability is easy with each device passing information to the next thus expanding the reach and control throughout the network.

Download the Commissioning App



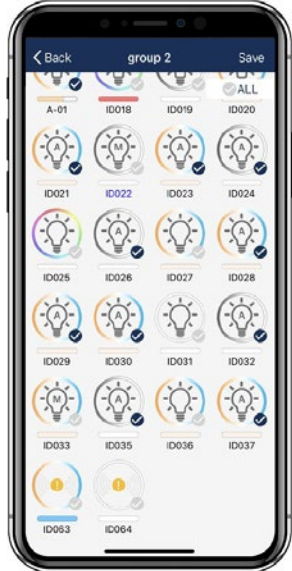
Download the SimplBlue Commissioning App Instructions

SimplBlue Lighting Controls Commissioning & Control App

- For iOS or Android smartphone
- Commissioning: Switch on-off, Dimming,
- Color tuning/ Circadian Rhythms (Must work with corresponding drivers and led fixtures)
- Flexible zoning/ Scenarios setting/ Scheduling
- Wireless wall switch linkage setting
- Occupancy sensor setting, Daylight harvesting, Photocell control
- Admin control authority sharing with QR code

System Functionality

- Networking of luminaires
- Individual Addressability
- Occupancy sensing
- Daylight Harvesting/Photocell Control
- High-end Trimming
- Flexible Zoning
- Continuous Dimming



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