

Casambi Ecosystem Products

Casambi Ready Range Extender
Line Voltage Range Extender input 120-277 VAC, Max Bluetooth range up to 900ft

- Line Voltage Input 120-277 VAC
- Range Extender, Max Bluetooth Range up to 900 ft (240 m)*
- Lighting Protection: Built-in Surge Protector at 20kV/10kA
- Operating Temp: -30°C to 70°C, 90-95% Non-condensing
- Applicable for Indoor and Outdoor
- Technology Partner Casambi

Line Voltage Range Extender

Casambi Ready Z10 Socket Controller
Casambi Mesh Fixture Controller, 12-24VDC, Single Channel 0-10V Dimming, Z10 connector with protocol

- PIR sensor
- 0-10V Dimming output
- Bluetooth Mesh Enabled
- Protocol for daylight sensing
- Active High output for Relay drive
- Mounting height up to 40 ft.
- 360° coverage pattern
- Low Voltage Connector, match with PSC-ZKV-R1T, TE 2343403-1

Z10 Connected Controller/Sensor

Casambi Enabled Gateway
Gateway with Power Supply Unit

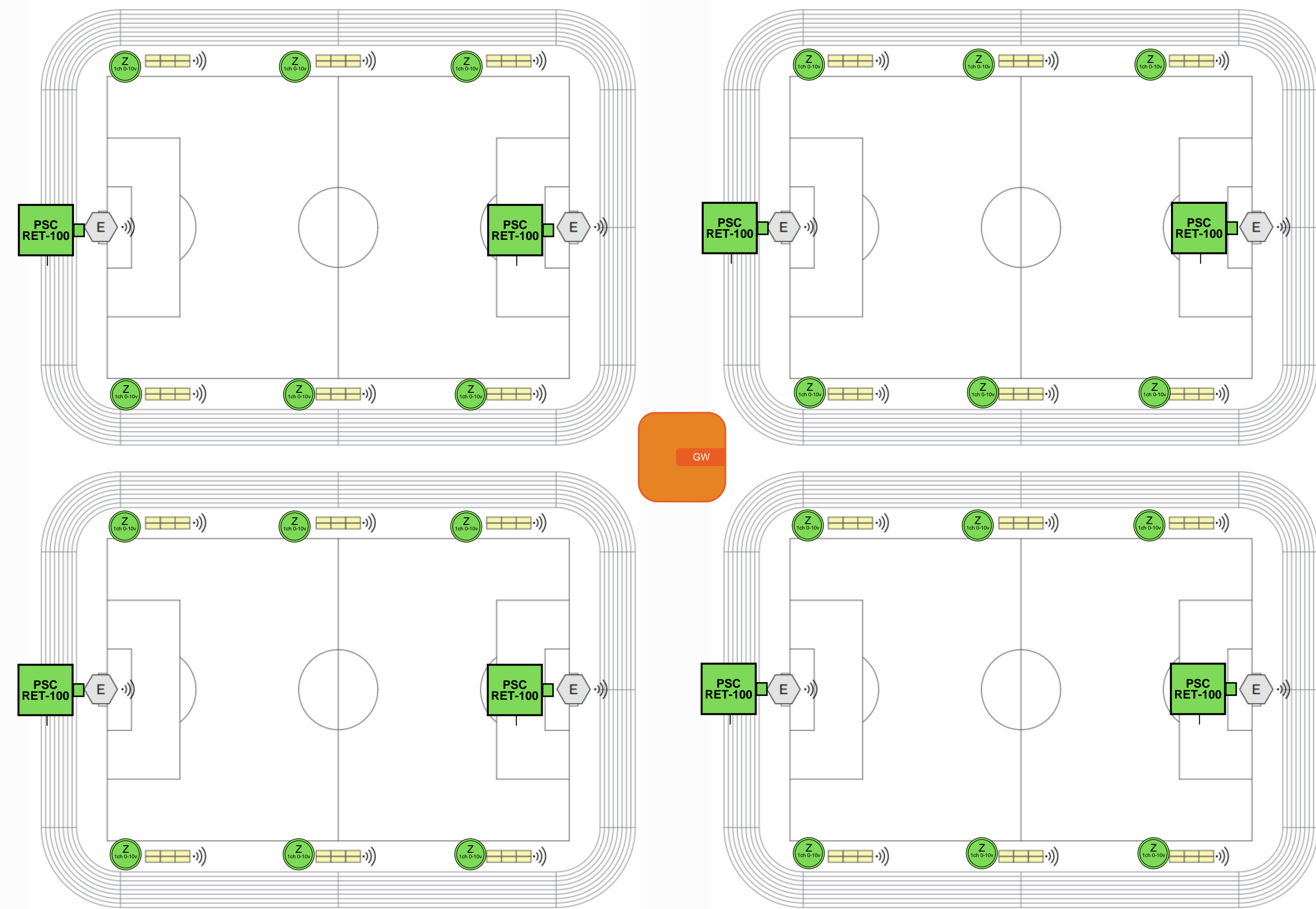
- Bluetooth SIG BT1.1, Qualcomm Cortex-A72
- IEEE 802.11ac 802.11n, IEEE 802.3ab
- 4GB LPDDR4 2000 SDRAM
- 2.4 GHz and 5.0 GHz IEEE 802.11ac wireless, Bluetooth 4.2, BLE
- Quad Ethernet
- USB-C and Ethernet ports
- RV DC via USB-C connector (maximum 3A)
- Power and Thermal PIR enabled
- Operating temperature: 32 - 122 degrees Fahrenheit (0 - 50 degrees Celsius)

Gateway w/ Power Supply

Code Compliance

C405.2.7	Exterior Lighting Controls
C405.2.4	Daylight Responsive Controls
C405.2.2	Timeswitch Controls
C405.2.1	Occupancy Sensor Controls

Sports Park



Sequence of Operations Example:

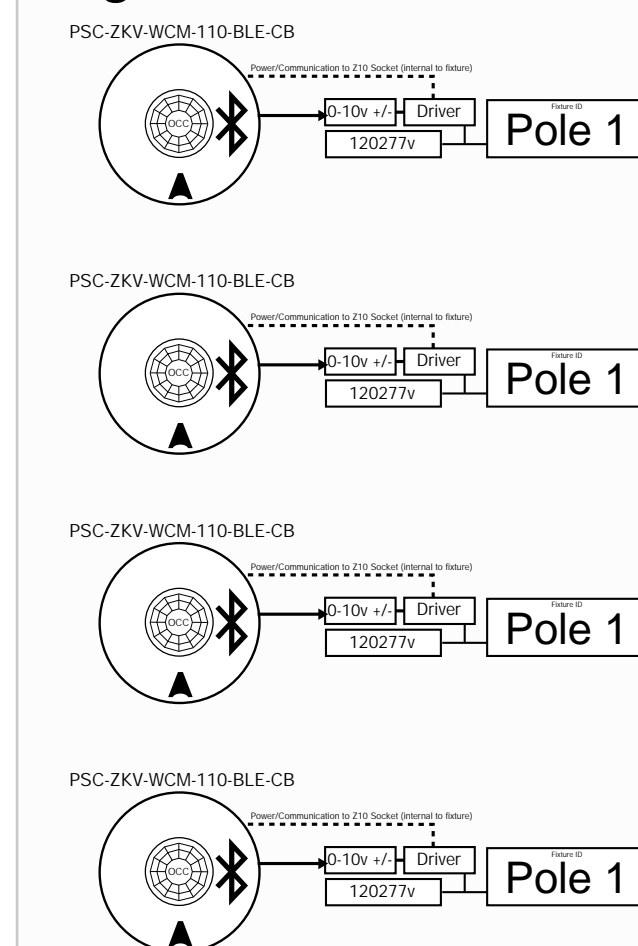
1. Auto-on via Timer/Schedule
2. Auto-off via Timer/Schedule
3. Auto-on via Photocell
4. Light Reduction Photocell

Design Considerations

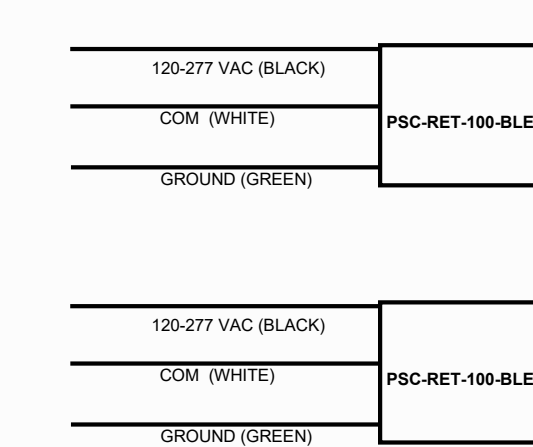
1. 650ft line of site for Long Range products only
2. 150ft for non-Long Range products
3. 120v needed for Range Extender

Single-Line

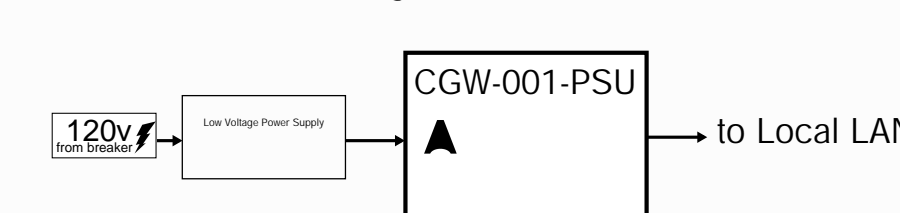
Light Poles



Range Extenders



Gateway



Detailed Wiring

