

SR-9032-MW-FM

Casambi Wireless Fixture Mounted

MW Sensor + Light Sensor + 0-10V Dimming



Eigenschaften / Features

Der in die Leuchte integrierte Sensor kombiniert Anwesenheitssensorik, Tageslichtnutzung, 0-10V-Dimmen und Casambi-Funktechnologie in einem kleinen Gehäuse, das in verschiedene Leuchten passt. In Verbindung mit 0-10V dim-to-off LED-Treibern kann jeder Beleuchtungshersteller mit minimalem technischen Aufwand drahtlos steuerbare und mit Sensoren ausgestattete Leuchten anbieten. Die mit Sensoren ausgestatteten Leuchten müssen lediglich an das Stromnetz angeschlossen werden. Das Ergebnis ist ein höherer Komfort für die Bewohner und erhebliche Energieeinsparungen, die auch die anspruchsvollsten Energievorschriften für Gebäude erfüllen.

The fixture-Integrated sensor combines presence sensing, daylight harvesting, 0-10V dimming and Casambi radio technology into a small package that fits into various luminaires. When used with 0-10V dim-to-off LED drivers, it enables any lighting manufacturer to deliver wirelessly-controllable and sensor-equipped fixtures with minimal engineering effort. The sensor-equipped luminaires just need to be connected to mains power. The result is increased occupant comfort and significant energy savings that meet the most demanding building energy codes.

Microwellen-Bewegungserkennung

Tageslichtnutzung

Funktioniert mit 0-10V Dim-to-Off-LED-Treibern

Autonome sensorgestützte Steuerung

Installation in der Halterung

Für Innenanwendungen

Microwave motion detection

Daylight harvesting

Works with 0-10V dim-to-off LED drivers

Autonomous sensor-based control

Fixture mount installation

For indoor applications

Technische Daten / Technical Data

Physical Information

Dimensions / Weight	See Dimensions / 12.3g (without locknut) / 21.3g (with locknut)
Mounting (Luminaire Hole)	1/2" trade size knockout (22.2-22.3mm)
Material / Color	ABS / White
Connectors / Wire Gauge	3 pin connectors / 24-18 AWG (0.2-0.75 mm ²)
Strip Length	0.28-0.35 in. / 7-9 mm

Electrical Information

Input Voltage	12/24 VDC
Current Consumption	< 30mA (when dimming method = sink)
Dimming Control	Analog (0-10V)
Dimming Output	4mA (sink) / 20mA (source)
Status Indicators	Red (occupancy detection)

Wireless Communication

Transceiver Frequency	2.4GHz ISM band
Radio Range	269 feet (82m) in open field
Radio Certification	FCC/IC, CE

Lighting Control

Features	Continuous dimming , Individual/group addressing, Scene control, Task tuning (0-100%) Autonomous sensor-based control, Scheduler control
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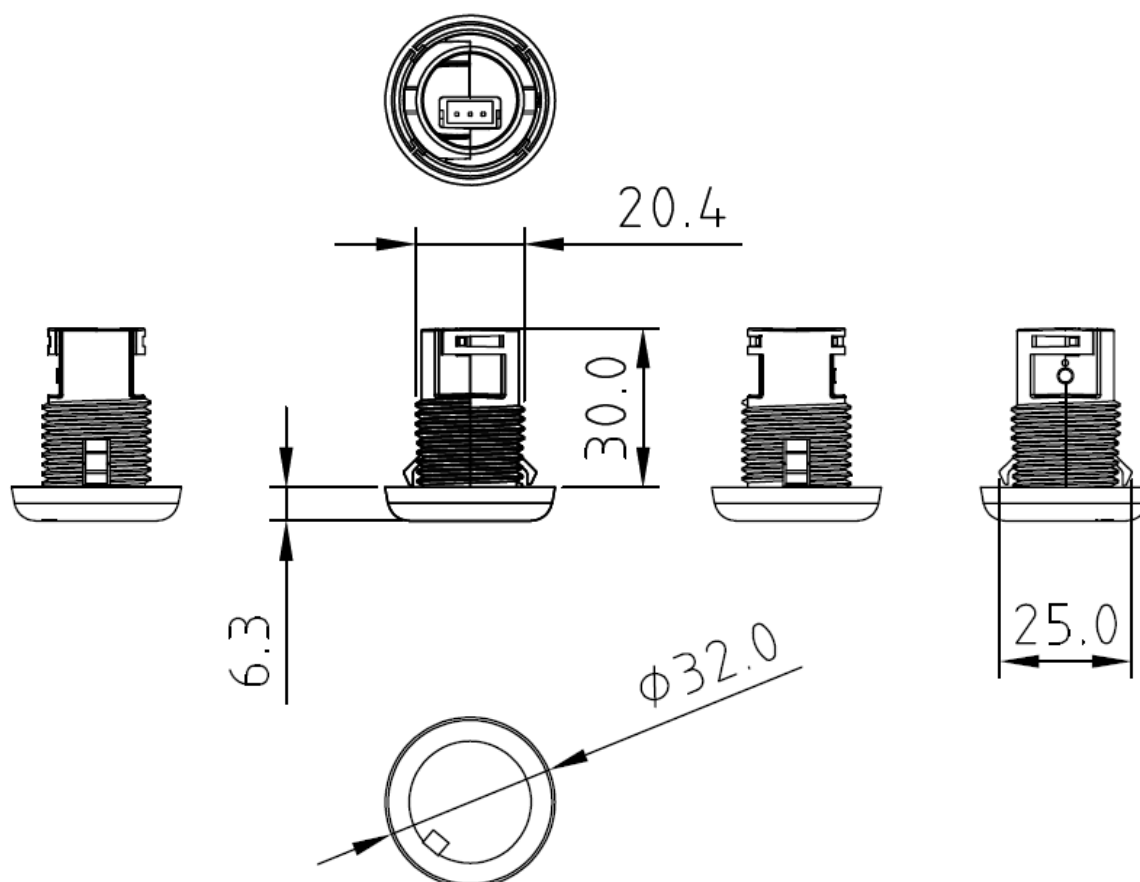
Sensing

Occupancy Sensing Type	Microwave sensor
Microwave High Frequency	5.8 GHz $\pm$ 75 MHz ISM band
Lux Detection Range	0-1000 Lux
Mounting Height	Recommended height: 10ft (3m)
Detection Angle	150° (wall), 360° (ceiling)
Detection Range	Up to 8 meters @ 3m installation height

Environment

Operating Temperature Range	32°F to 104°F / 0°C to 40°C (indoor use only)
Operating Humidity	0-95% (non condensing)
Safety Certification	cULus Listed, CE

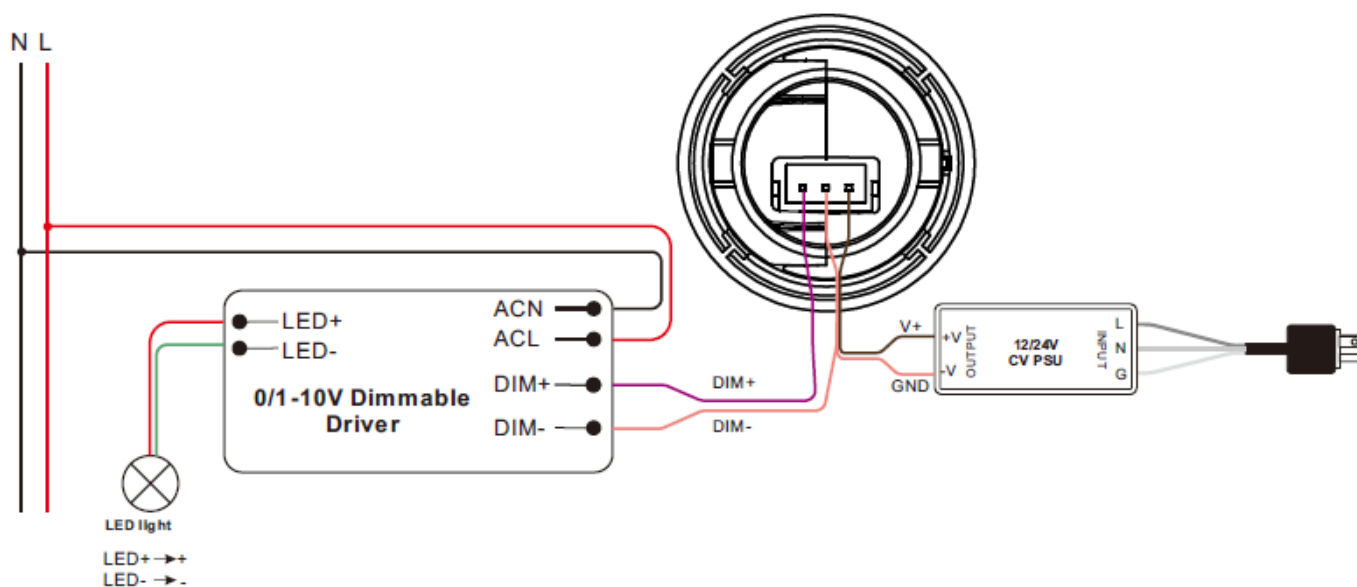
Abmessungen / Dimension



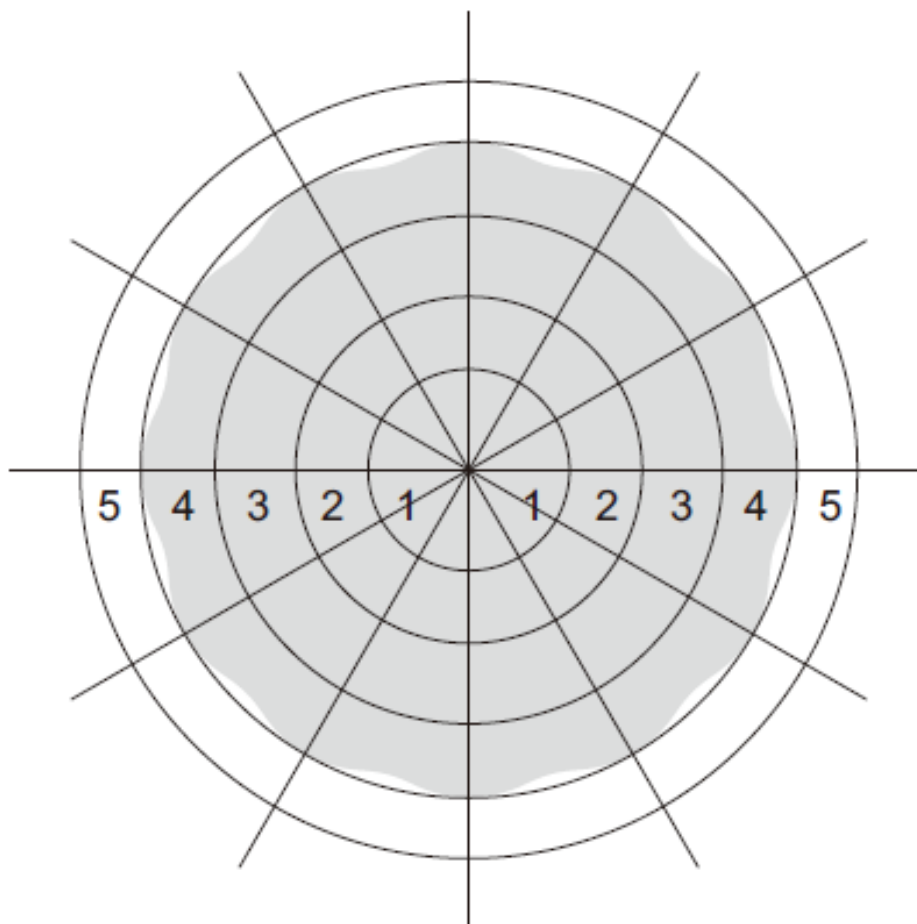
Anschlussschema / Wiring Diagram

Wire Code

- Violet: 0-10V Dim+
- Pink: 12/24VDC Power GND & 0-10V Dim-
- Brown: 12/24VDC Power V+



Detection Pattern



Funktion / Function



CASAMBI



Daylight sensor: detects ambient light.

Microwave sensor indicator: indicates when motion detected.

