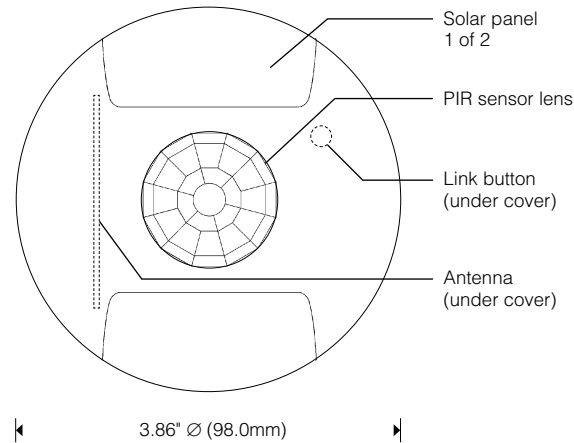
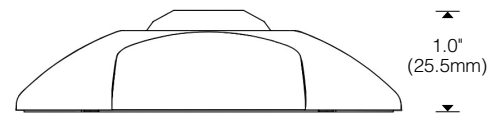


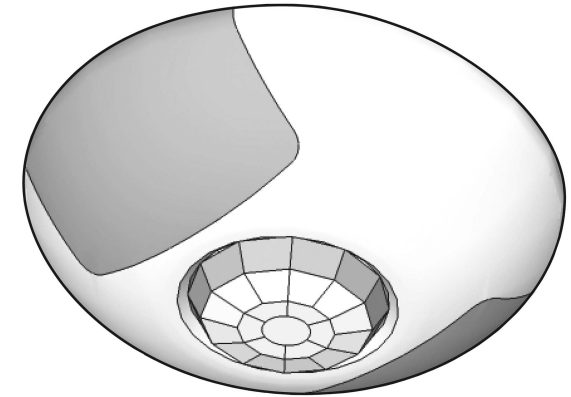
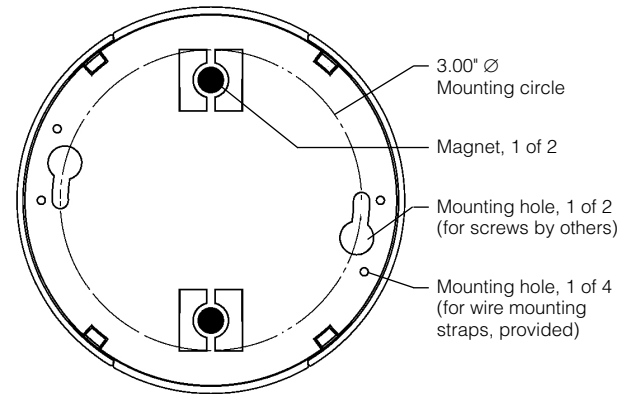
Front View



Side View



Rear View



Overview

The **CMS-EN-05/06** wireless, battery-free vacancy sensors generate their own power using two integral photovoltaic cells that harvest energy from ambient light in the space. When light is available, they begin to operate automatically within minutes and continue to operate without batteries until the available light falls below 6 footcandles, making them suitable for use where auto-OFF vacancy response lighting and plug-load control is desired. For auto-ON occupancy response and/or operation in low-ambient conditions, the sensors accept a field installable #CR1632 battery. For battery-free auto-ON applications, see **CMS-EN-03/04** sensors.

CMS-EN-05/06 sensors use passive infrared detection circuitry and wireless transmission to send occupancy signals to linked CLC Series load controllers and CCH control hubs within range. When occupancy signals cease, the load controllers and hubs respond by dimming and/or switching their loads OFF after a preset auto-OFF time delay. **CMS-EN-05/06** sensors also double as commissioning tools for adjusting the auto-OFF time delay of each linked controller.

CMS-EN occupancy sensors require no hardwired electrical connections. This greatly simplifies the installation and commissioning process. The sensors can be easily moved or repositioned as field conditions or changes in the space necessitate, ensuring maximum flexibility and optimum performance.

To order:

- CMS-EN-05-WH-0** Wireless vacancy sensor, large motion
- CMS-EN-06-WH-0** Wireless vacancy sensor, small motion

Features

- **Self powered** – no wiring or batteries needed.
- **Simple installation** – no special tools or hardware required.
- **Reconfigurable** – easily repositioned as space or furniture layouts change.
- **Smart** – embedded configuration software allows the user to easily adjust controller and sensor settings for uncomplicated commissioning.
- **Maintenance free** – no batteries to replace or electrical wires to service.
- **Flexible** – designed for open plan offices, private offices, and similar spaces.
- **Programmable** – easy commissioning: manual through LINK button or via optional software.
- **Sustainable** – no electrical power, wiring, batteries or maintenance; reconfigurable; long product life delivers significant savings for many years to come.

Specifications

- Power supply:** Integral solar cells.
- Initial charge operation:** < 2 minutes @ 6 footcandles (65 lux).
- Operational light level:** 6 footcandles (65 lux) minimum.
- Communications:** 902 MHz EnOcean® radio.
- Transmission range:** 75ft indoor (23m).
- Operating temperature:** 14°F to 122°F (–10°C to 50°C).
- Relative humidity:** 5% to 92% RH (non-condensing).
- Weight:** 2.4 oz. (68 grams).
- Dimensions:** 3.86" dia. x 1.00" (98mm dia. x 25.5mm).
- Mounting:** Surface mount via integral magnets, poke-through wire straps (included), double-sided tape (by others), or screws (by others).
- Safety listing:** UL listed Class II power supply.
- Agency listing:** FCC, IC.
- Warranty:** 2 years.

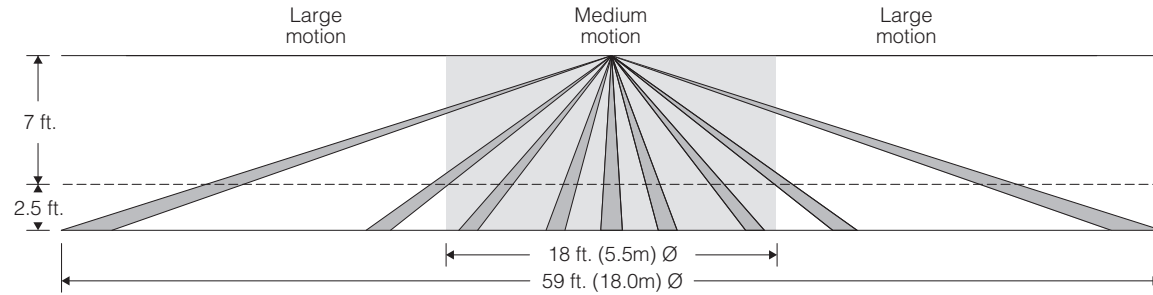


THE LIGHTING QUOTIENT™

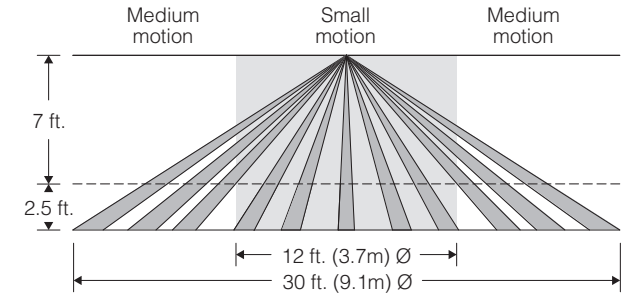
114 Boston Post Road, West Haven, Connecticut 06516, USA
Voice 203.931.4455 • Fax 203.931.4464 • thelightingquotient.com

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Detection Coverage



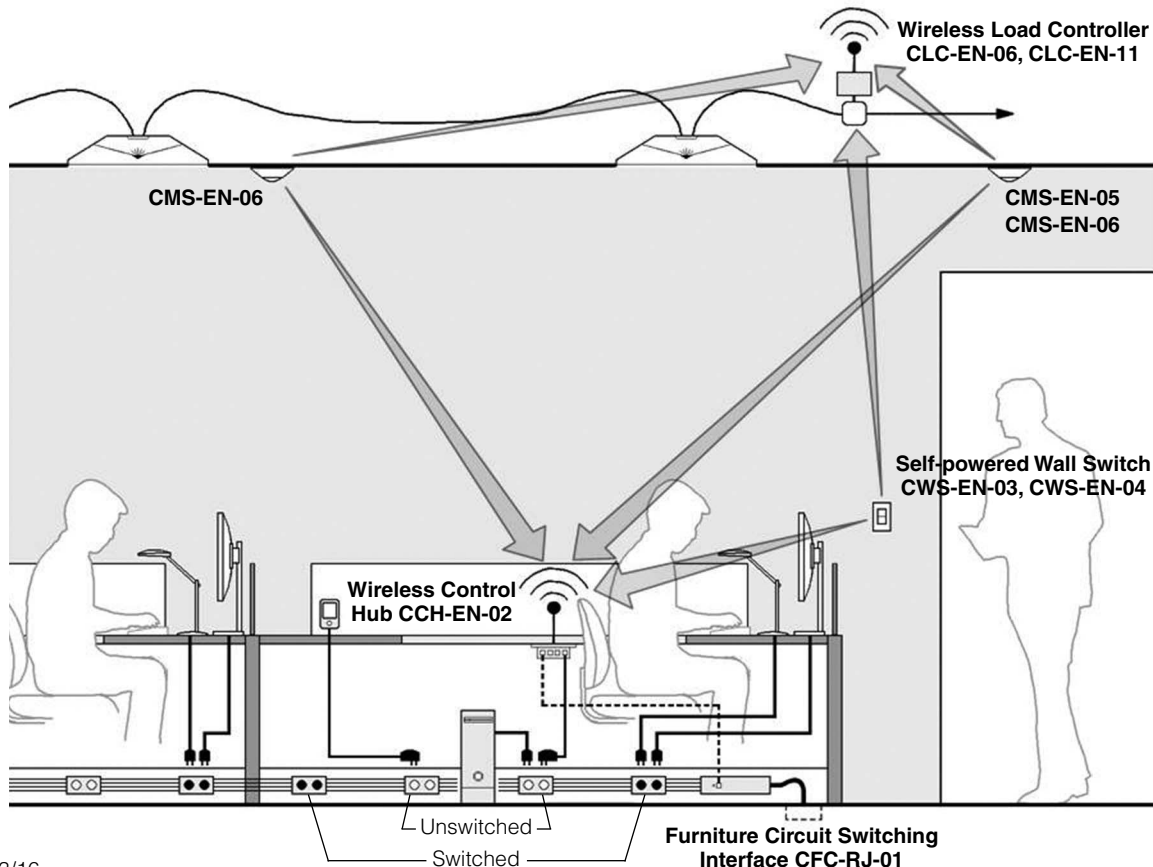
CMS-EN-05 (with large motion lens)



CMS-EN-06 (with small motion lens)

Typical Application

Use **CMS-EN-05** and **CMS-EN-06** for auto-OFF control of office lighting and plug loads. For auto-ON applications, use with field installed batteries or see **CMS-EN-03** and **CMS-EN-04** self-powered wireless occupancy sensors.

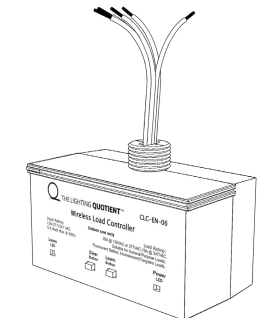


Compatible Devices

Note: Devices pictured are not precisely in scale to each other.

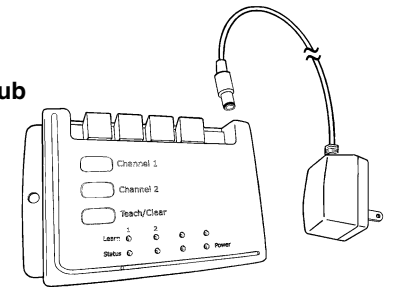
Wireless Load Controller

- CLC-EN-06**
20A 120/277V wireless switching controller
- CLC-EN-11**
20A 120/277V wireless switch/dim controller with 0-10V dimming



Wireless Control Hub

- CCH-EN-02**
Manual-ON/auto-OFF hub with auxiliary dimming output



Furniture Circuit Switching Interface

- CFC-RJ-01**
8-wire, 4 circuit, 120V.

