

PROJECT NAME: _____ CAT. #: _____
NOTES: _____ FIXTURE SCHEDULE: _____

Low Voltage Ceiling Mount Sensor - EasyRF



CRFSL-PSW



Overview:

The EasyRF wireless lighting controls solution seamlessly integrates in MaxLite's broad portfolio of c-Max controls ready luminaires with proprietary RF-based control devices. EasyRF ceiling mount sensors communicate through a reliable radio-frequency network and are easily commissioned using the handheld RF-Remote. Built on the c-Max controls architecture, the EasyRF system delivers a simple, scalable lighting control in a cost-effective and easy-to-deploy solution for a wide range of lighting applications.

Applications:

- Offices
- Hospitals
- Schools
- Retail

Features:

- Wirelessly communicates with other EasyRF devices to provide light level control in the space.
- Passive Infrared with Daylight Harvesting
- Easy Commissioning with the EasyRF remote
- Built-in 20mA 0-10V signal output
- LED status indicator light
- Check <https://www.maxlite.com> for c-Max fixture compatibility
- 5 Year warranty. Check [maxlite.com/warranties](https://www.maxlite.com/warranties) for details

Ordering Information

MODEL NUMBER	DESCRIPTION	UPC	ORDER CODE
CRFSL-PSW	EASYRF CEILING SENSOR 12-24V, PIR MOTION SENSOR, DAYLIGHT HARVEST, WHITE	767627078606	113021

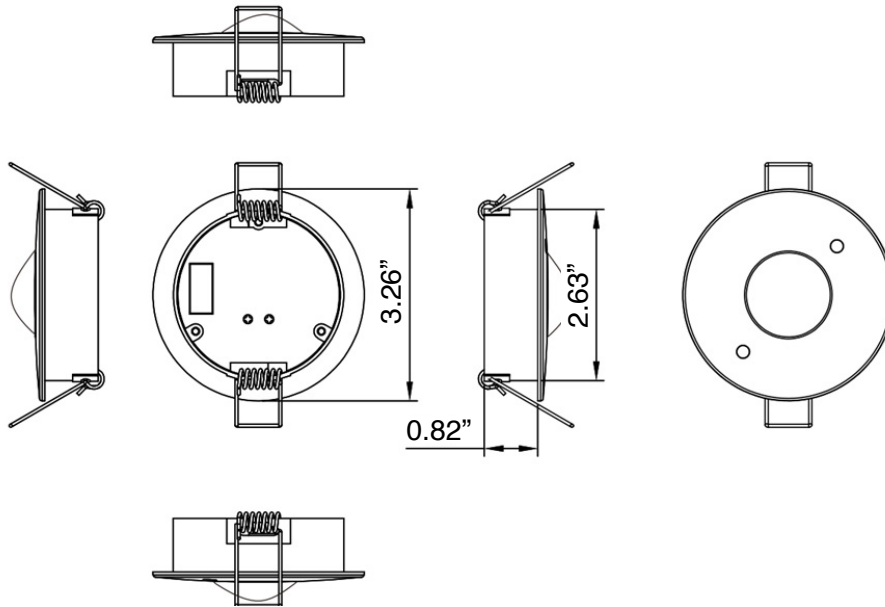
Specifications

	CRFSL-PSW
Product Type	PIR Occ/Vac Ceiling Sensor
Input Voltage	12-24VDC
Input Current	Max 100mA
Mounting	T-Grid Ceiling
Max Detection Range	40 ft Dia. @ 12ft mounting height
Operating Temperature	-4°F to 130°F / -20°C to 50°C
Relative Humidity	8-80% non-condensing at 25°C
Certifications	cULus Listed E511069 Light-emitting-diode Controllers
Control Output	Analog 0-10V (Linear)
Wireless Protocol	Proprietary Sub-GigaHertz*
Commissioning	IR based via RF-REMOTE (sold separately)
FCC	47 CFR Part 15, Subpart C 15.247
ENVIRONMENT	Indoor Use Only
COLOR	White

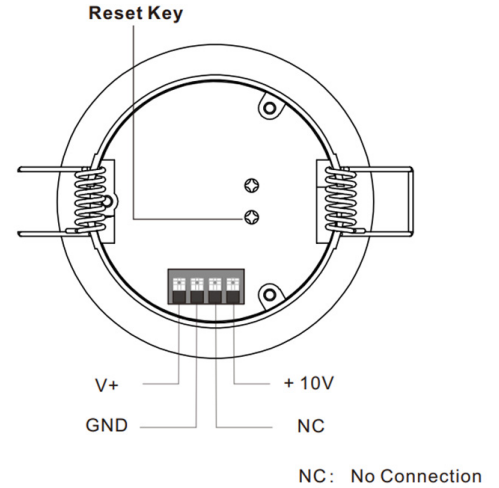
* Not recommended for applications with other high frequency interference

Low Voltage Ceiling Mount Sensor - EasyRF

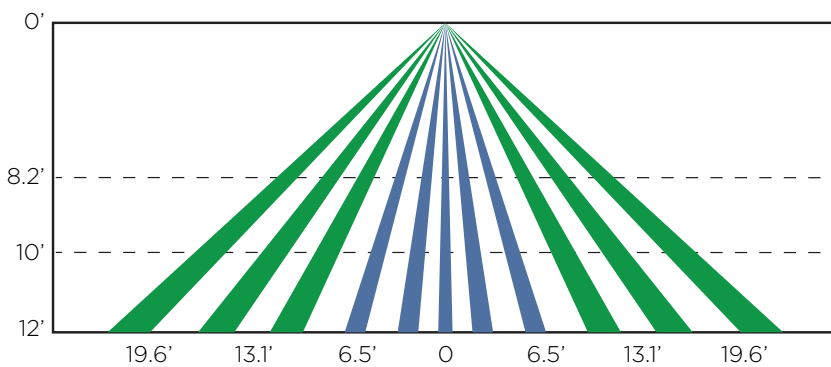
Product Dimensions



Wiring Diagram

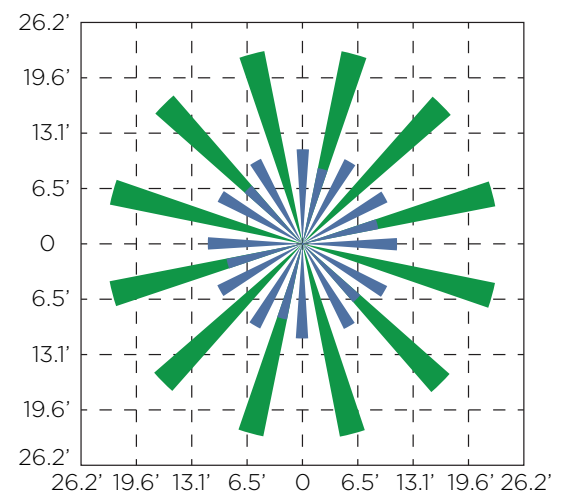


Detection Coverage



The detection area for the movement sensor can be roughly divided into two parts:

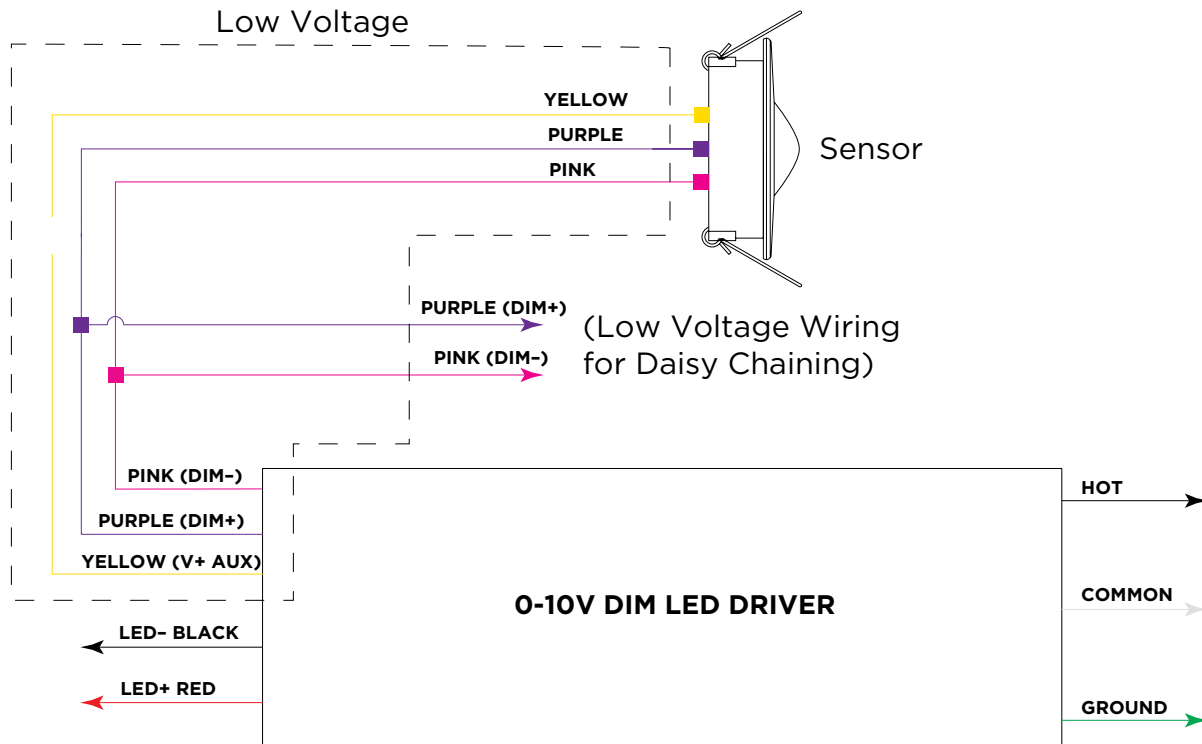
- Slow movement: Less than 1.0 ft/sec or 0.30 m/sec
- Quick movement: Greater than 1.3 ft/sec or 0.40 m/sec



Low Voltage Ceiling Mount Sensor - EasyRF

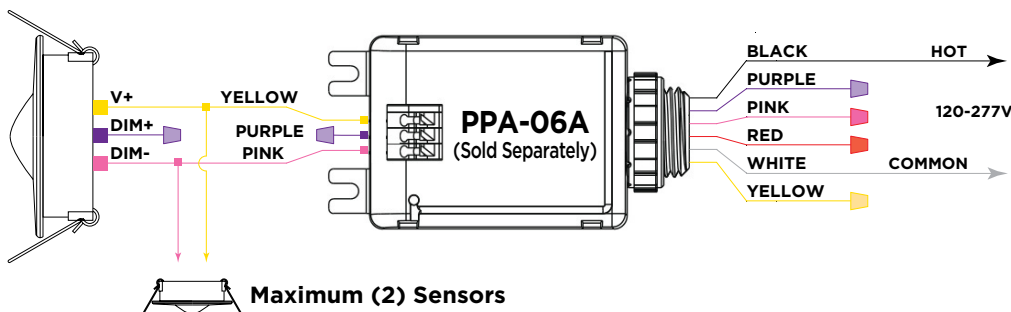
Wiring Diagrams

CRFSL-PSW with Maxlite Controls Ready (CR) Fixture



Powering Sensor only with PPA-06A powerpack

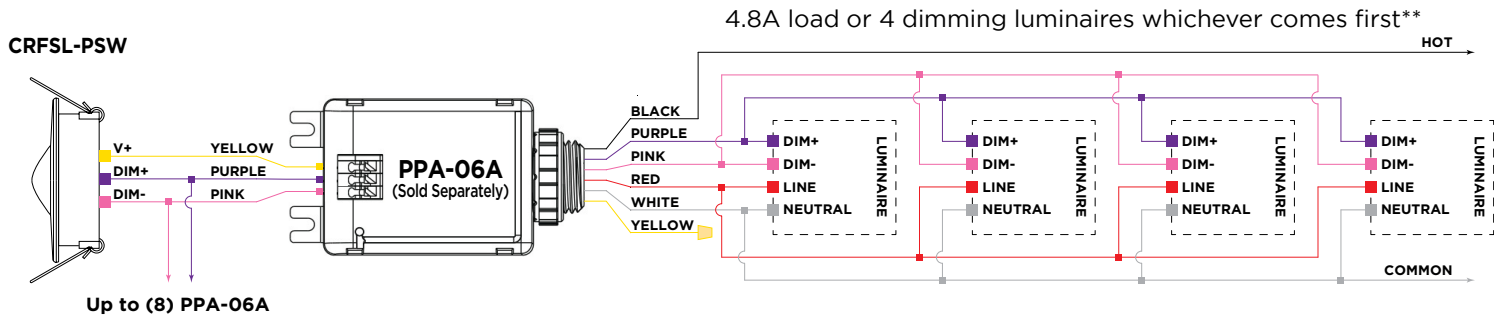
CRFSL-PSW



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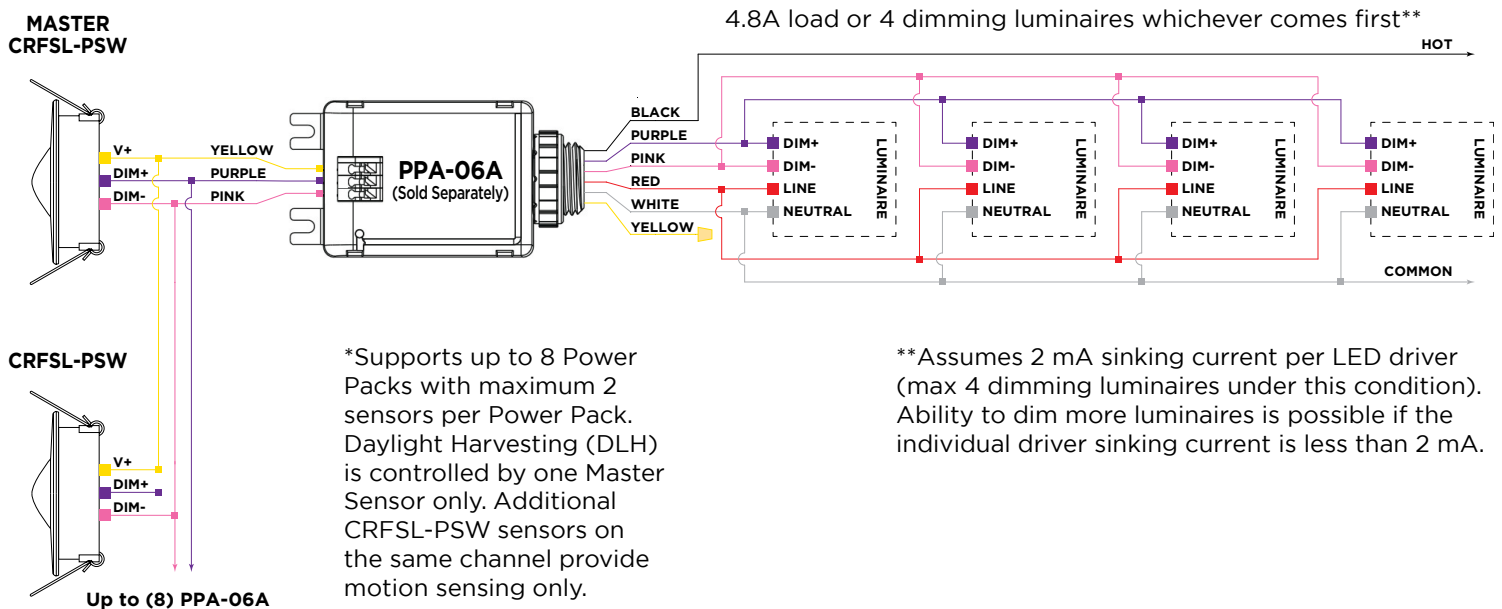
Wiring Diagrams – Daylight Harvesting

One CRFSL-PSW Sensor to Multiple PPA-06A Power Packs



**** Assumes 2 mA sinking current per LED driver (max 4 dimming luminaires under this condition). Ability to dim more luminaires is possible if the individual driver sinking current is less than 2 mA.**

One Master CRFSL-PSW Sensor with Daylight Harvesting and Motion Sensors on the Same Channel to Multiple PPA-06A Power Packs



** Assumes 2 mA sinking current per LED driver (max 4 dimming luminaires under this condition). Ability to dim more luminaires is possible if the individual driver sinking current is less than 2 mA.