

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

C-MAX EASYRF™ RECTANGULAR AND ROUND SENSORS



RF-RDMSW



RFA-RDMSW



RF-RTPSW

Overview

EasyRF is a room-based wireless lighting control system designed for effortless integration of luminaire-level lighting controls (LLLC) in both new construction and retrofit projects. As part of the versatile and multi-tiered c-Max Lighting controls platform, EasyRF simplifies commissioning by enabling groupable wireless controls without the need for a mobile app or gateway. Compliant with energy codes and budget-friendly, EasyRF provides an effortless solution for your lighting control needs for any small to medium size projects.

Applications

- Industrial
- Warehouses
- Schools
- Commercial

Features

- Groupable Wireless Controls: Sensors can be zoned and grouped with ease. Includes many functional features typically available with Network controls
- Simple "Plug-and-Play" Connection - Easy to install in the field with pre-installed USB-C/Auxiliary Jack receptacle in MaxLite Controls Ready luminaires
- Easy commissioning: Quick setup with an hand-held remote on-screen display with no need for mobile apps or complex software
- Bi-directional communication: Easily Read and Write sensor settings. IR transmission range up to 50 feet between remote and sensor
- Granular dimming: Precisely control light levels in 1% increment. Ability to customize fade time for better dimming transitions
- Zoning: Customize channels and floors for multi-floor fit-outs. Up to 50 channels and 8 floors with capability to group up to 50 devices per channel
- Network : Sub-GHz RF system with ability for signals to travel longer distances. Up to 250 feet node-to-node communication range (line of sight)
- Advanced sensors: Control persistence with motion sensing (bi-level dimming), high trim, daylight harvesting, low trim, daylight trim and repeater functionality
- Extend coverage by configuring sensor as a repeater ensuring robust network performance Versatile operation mode: Supports both occupancy and vacancy modes. with ability to create a daylight zone within a zone
- Personal controls: Supports Manual ON/OFF. Automatic ON/OFF and Automatic Partial ON/OFF control capability
- Includes locking screw to resist vandalism and withstand vibration (Requires 2.5mm Allen wrench)
- 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
RF-RTPSW	EASYRF NODE RECTANGULAR, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE	767627056666	110961
RF-RDMSW	EASYRF ROUND, PIR MOTION SENSOR/DAYLIGHT HARVESTING, WHITE	767627065941	111891
RFA-RDMSW	EASYRF NODE (AJ) ROUND, PIR MOTION SENSOR, DAYLIGHT HARVESTING , WHITE	767627078613	113022
RF-REMOTE	EASYRF REMOTE CONTROL COMMISSIONING TOOL	767627056673	110962
WRF2RB-W	EASYRF DOUBLE ROCKER BATTERY WALL SWITCH WHITE	767627062278	111521

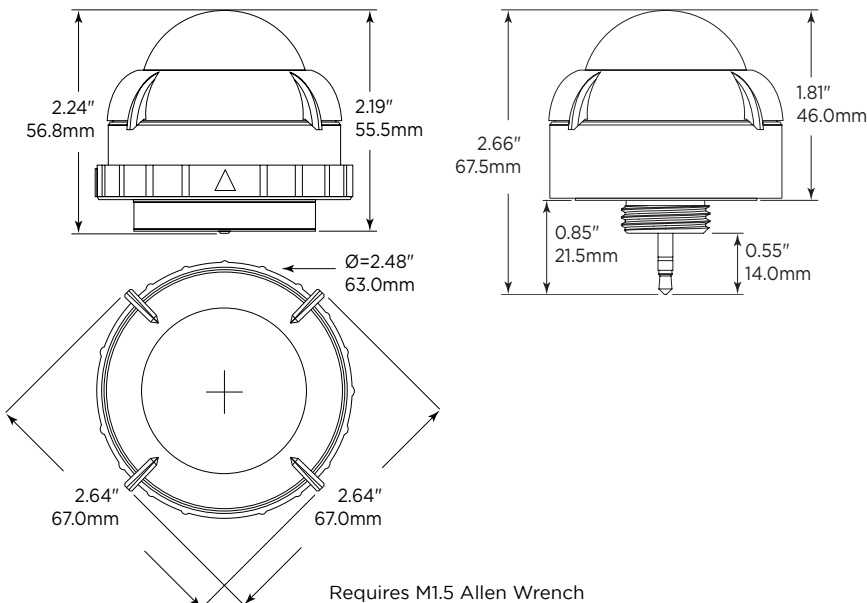
C-MAX EASYRF™ RECTANGULAR AND ROUND SENSORS

Specifications	RF-RDMSW	RFA-RDMSW	RF-RTPSW
Sub-G Control Node	Yes	Yes	Yes
Daylight Harvesting	Yes	Yes	Yes
PIR Motion Sensor	Yes	Yes	Yes
Connector Port	USB-C	Audio Jack 3.5mm	USB-C
Detection Mode	Occupancy/Vacancy	Occupancy/Vacancy	Occupancy/Vacancy
IP Rating	IP65	IP65	N/A
Overall Dimensions	2.48" x 2.24" (63mm x 56.8mm)	2.48" x 2.66" (63mm x 67.5mm)	2.28" X 0.81" X 0.80" / 58mm X 20.8mm X 20.5mm
Weight	2.14oz (61g)	1.60oz (45g)	0.45oz (13g)
Operating Voltage	12-24VDC		
Operating Current	max 15mA		
Sinking Current	max 10mA		
Control Output	Analog 0-10V (Linear)		
Factory Reset	via RF-REMOTE		
Wireless Protocol	Proprietary Sub-GigaHertz*		
Commissioning	IR based via RF-REMOTE (sold separately)		
Wireless Range	250ft node-to-node (Line of sight)		
Status Indicators	Green (Network Status), Red (Sensor Detection)		
FCC	47 CFR Part 15, Subpart C 15.247		
Operating Temperature	-40°F to 130°F / -40°C to 55°C		
Color	White		
Warranty	5 Year warranty. Check maxlite.com/warranties for details.		

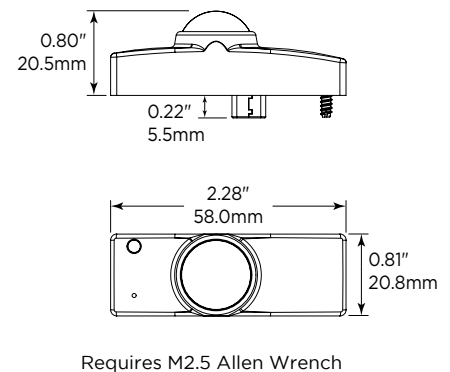
* Not recommended for applications with other high frequency interference.

Dimensions

RF-RDMSW & RFA-RDMSW



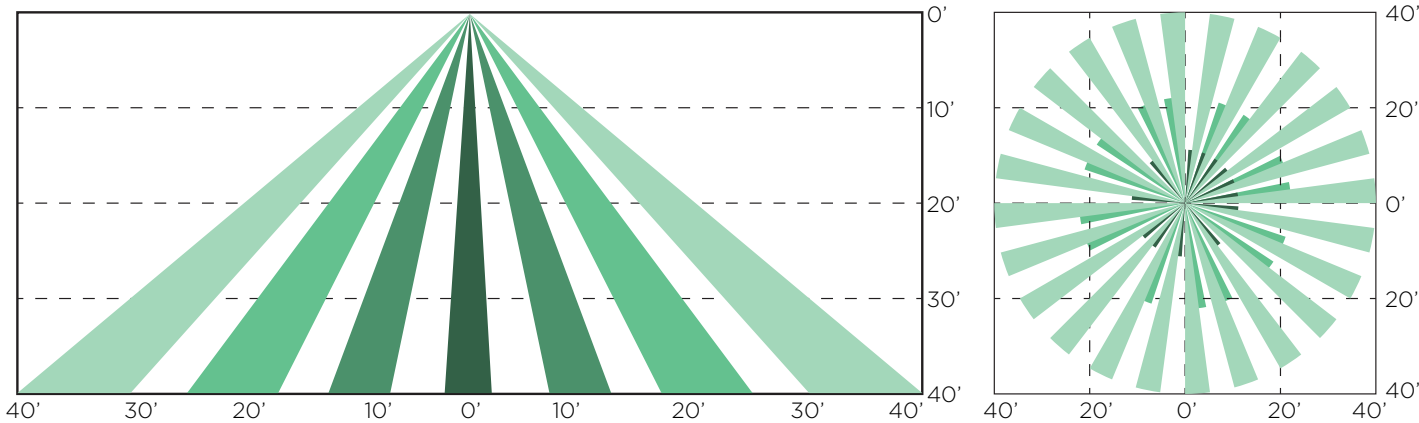
RF-RTPSW



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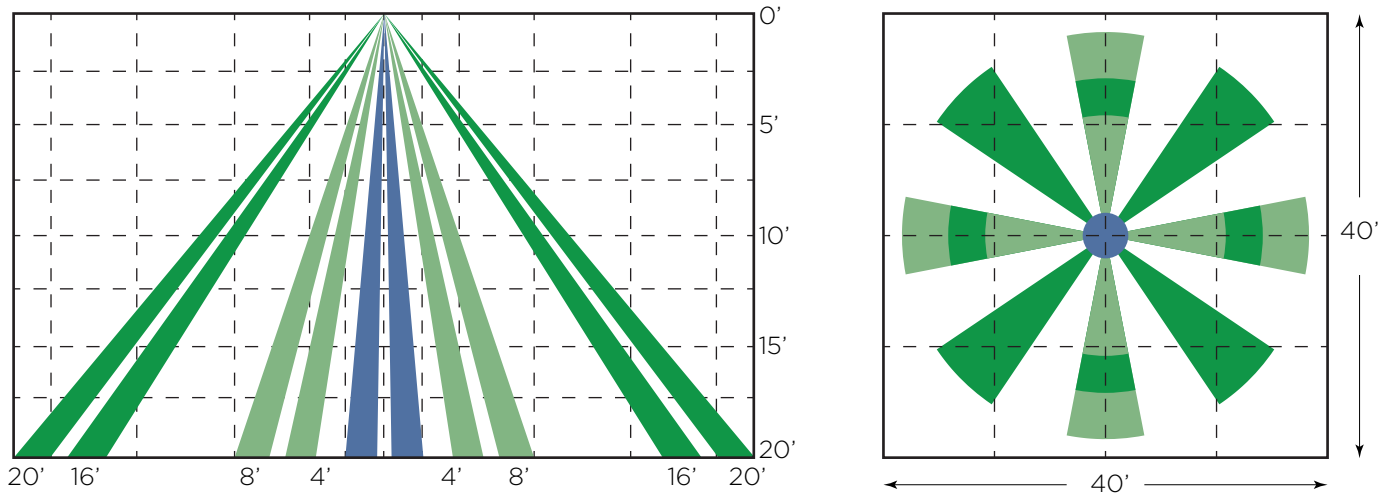
Sensor Detection Coverage

RF-RDMSW & RFA-RDMSW



MOUNTING HEIGHT	10ft 3.0m	20 ft 6.0m	30 ft 9.1m	40 ft 12.2m
MAX COVERAGE DIAMETER	20 ft 6.0m	40 ft 12.2m	60 ft 18.3m	80 ft 24.4m

RF-RTPSW



MOUNTING HEIGHT	8 ft 2.4m	10 ft 3.0m	15 ft 4.6m	20 ft 6.0m
MAX COVERAGE DIAMETER	16 ft 4.9m	20 ft 6.0m	30 ft 9.1m	40 ft 12.2m