MaxLite®

C·MaxRF EasyRF™ LIGHTING CONTROLS | FC | 5 YEAR WARRANTY

PROJECT NAME:_____ CAT. #:_____

NOTES:_____ FIXTURE SCHEDULE:_____

C-MAX EASYRF™ RECTANGULAR AND ROUND SENSORS

RF-RDMSW

RF-RTPSW

Applications:

Ideal for retrofit or new construction applications:

- Industrial
- Warehouse
- Schools
- Commercial

EasyRF 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.

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 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: Preciously 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/cmax for c-Max fixture compatibility

- 5 Year Warranty

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
RF-REMOTE	EASYRF REMOTE CONTROL COMMISSIONING TOOL	767627056673	110962
WRF2RB-W	EASYRF DOUBLE ROCKER BATTERY WALL SWITCH WHITE	767627062278	111521

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| Specifications	RF-RTPSW	RF-RDMSW
SUB-G CONTROL NODE	Yes	Yes
DAYLIGHT HARVESTING	Yes	Yes
PIR MOTION SENSOR	Yes	Yes
WEIGHT	1.92oz (55g)	0.45oz (14g)
OVERALL DIMENSIONS	Ø67mm x 48.2mm	58 mm x 20.8 mm x 20.5 mm
DETECTION MODE	Occupancy/Vacancy	
CONNECTOR PORT	USB-C	
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	Proprietrary 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	-4°F to 130°F / -20°C to 55°C	
COLOR	White	

* Not recommended for applications with other high frequency interference

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C-MAX EASYRF™ RECTANGULAR AND ROUND SENSORS
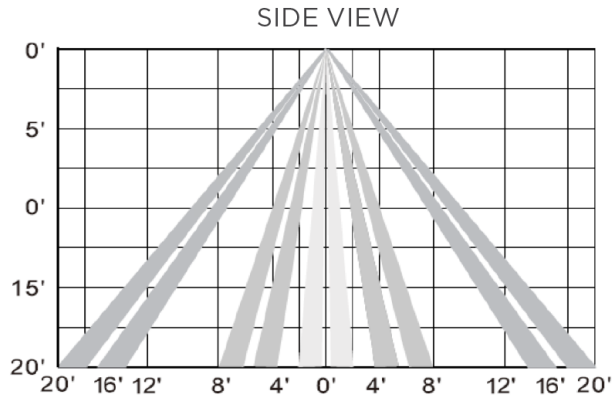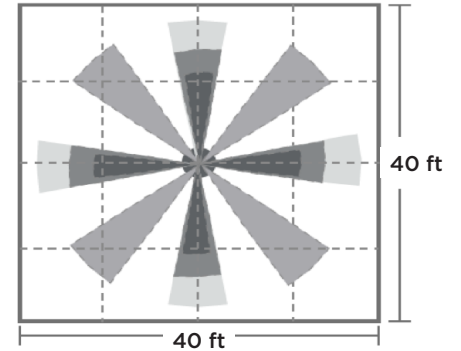
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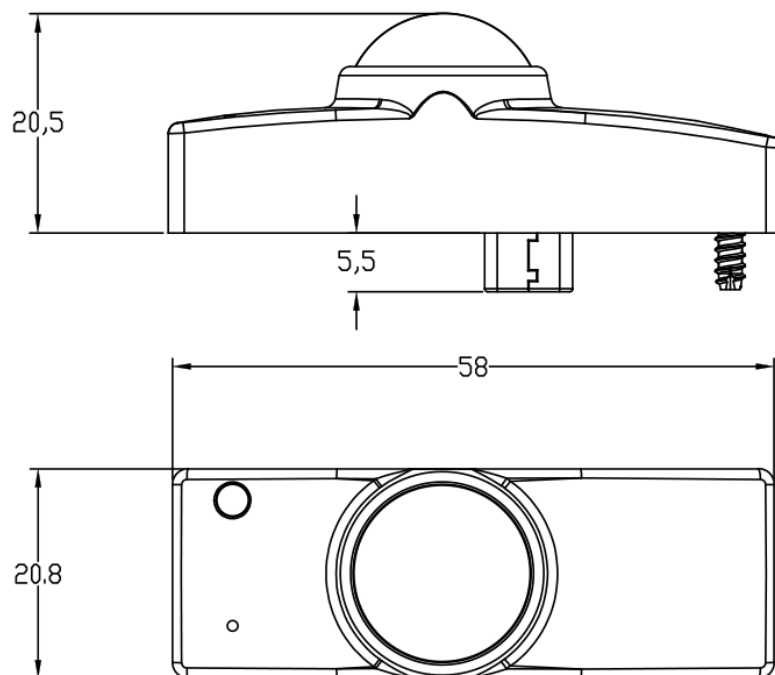
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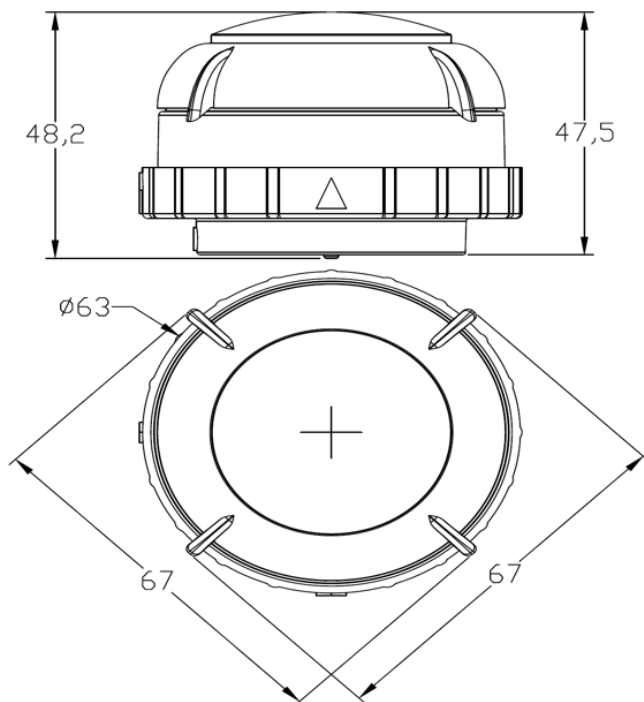
RF-RDMSW

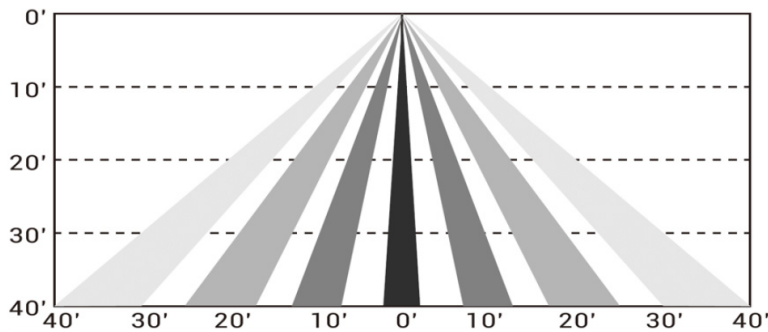# C-MAX EASYRF™ RECTANGULAR AND ROUND SENSORS
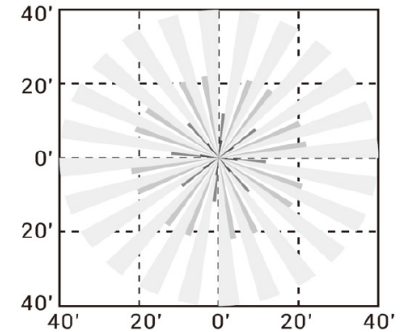
Detection Coverage

RF-RTPSW

SIDE VIEW

TOP VIEW

40 ft

40 ft

MOUNTING HEIGHT	ft (m)	8' (2.4)	10' (3)	15' (4.6)	20' (6)
MAX COVERAGE DIAMETER	ft (m)	16' (2.4)	20' (3)	30' (4.6)	40' (6)

RF-RDMSW

SIDE VIEW

TOP VIEW

MOUNTING HEIGHT	ft (m)	10' (3)	20' (6)	30' (9.1)	40' (12.2)
MAX COVERAGE DIAMETER	ft (m)	20' (6)	40' (12.2)	60' (18.3)	80' (24.4)

Commissioning Guide

Visit www.maxlite.com/cmax for How-to-Videos and a comprehensive commissioning guide.

Point, Click, Group.

Wireless Controls, Simplified