



MaxLite® 120-277V c-Max Network Ceiling Mounted PIR Sensor

General Safety Information

- TO REDUCE THE RISK OF DEATH, PERSONAL INJURY OR PROPERTY DAMAGE FROM FIRE, ELECTRIC SHOCK, FALLING PARTS, CUTS/ABRASIONS, AND OTHER HAZARDS READ ALL WARNINGS AND INSTRUCTIONS INCLUDED WITH AND ON THE FIXTURE BOX AND ALL FIXTURE LABELS.
- BEFORE INSTALLING, SERVICING, OR PERFORMING ROUTINE MAINTENANCE UPON THIS EQUIPMENT, FOLLOW THESE GENERAL PRECAUTIONS.
- COMMERCIAL INSTALLATION, SERVICE AND MAINTENANCE OF LUMINAIRES SHOULD BE PERFORMED BY A QUALIFIED LICENSED ELECTRICIAN.
- DO NOT INSTALL DAMAGED PRODUCT!

WARNING: RISK OF ELECTRICAL SHOCK

- TURN OFF ELECTRICAL POWER AT FUSE OR CIRCUIT BREAKER BOX BEFORE WIRING FIXTURE TO THE POWER SUPPLY.
- TURN OFF THE POWER WHEN YOU PERFORM ANY MAINTENANCE.
- VERIFY THAT SUPPLY VOLTAGE IS CORRECT BY COMPARING IT WITH THE LUMINAIRE LABEL INFORMATION.
- MAKE ALL ELECTRICAL AND GROUNDED CONNECTIONS IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE LOCAL CODE REQUIREMENTS.
- ALL WIRING CONNECTIONS SHOULD BE CAPPED WITH UL APPROVED WIRE CONNECTORS.

CAUTION: RISK OF INJURY

- ALWAYS WEAR GLOVES AND SAFETY GLASSES AT ALL TIMES WHEN REMOVING LUMINAIRE FROM CARTON, INSTALLING, SERVICING OR PERFORMING MAINTENANCE.
- AVOID DIRECT EYE EXPOSURE TO THE LIGHT SOURCE WHILE IT IS ON.

CAUTION: RISK OF FIRE

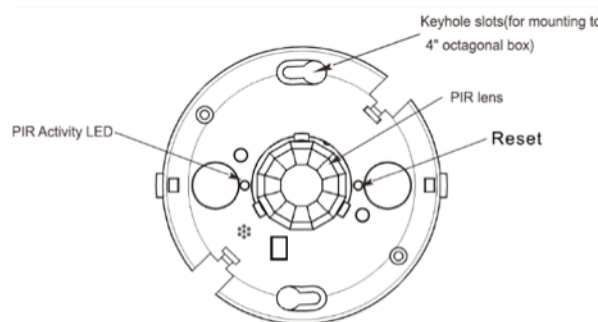
- KEEP COMBUSTIBLE AND OTHER MATERIALS THAT CAN BURN AWAY FROM LUMINAIRE AND LAMP/LENS.
- DISCONNECT POWER AND ALLOW FIXTURE TO COOL BEFORE CHANGING BULB OR HANDLING FIXTURE.

Models:

NN-CMSPU-W



Picture is for illustration purposes only.
Your model may vary.

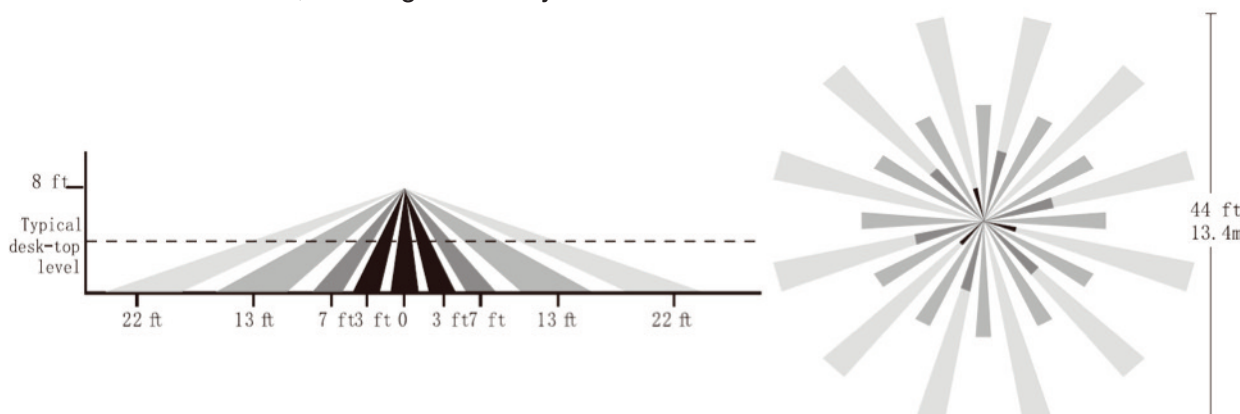


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Installation & Operation

Coverage Pattern:

The NN-CMSPU-W provides a 360° coverage pattern, up to 1200 square feet. The coverage shown represents walking motion at a mounting height of 8 feet (**see Fig. 1**). For building spaces with lower levels of activity or with obstacles and barriers, coverage size may decrease.



Placement Guidelines:

Depending upon obstacles such as furniture or partitions, the area of coverage may be less or more than the sensing distances shown in the coverage pattern. This must be considered when planning the number of sensors and their placement. It is also recommended to place the sensor 4 to 6 feet away from air supply ducts as rapid air currents or the differences in temperatures may cause false activations.

Mount the sensor to the ceiling. The NN-CMSPU-W is designed for a ceiling height of about 8-10 feet. Mounting above or below this range will significantly affect the coverage patterns. Be aware that as you decrease the mounting height, you decrease the range and increase the sensitivity to smaller motions. Conversely, when you increase the height, you increase the range and decrease the sensitivity to smaller motions. At heights of more than 12-14 feet, you may start to significantly reduce sensitivity. As a rule, each occupant should be able to clearly view the sensor.

Often the best location to install a NN-CMSPU-W in a closed office is off-center (**see Fig. 2**). Avoid placing a sensor directly in line with an open door through which it has a clear view out, as the sensor may detect people walking by. Open Office Area Coverage: To get complete coverage in an open office area, install multiple sensors so that there is an overlap with each adjacent sensor's coverage area (**see Fig. 3**).

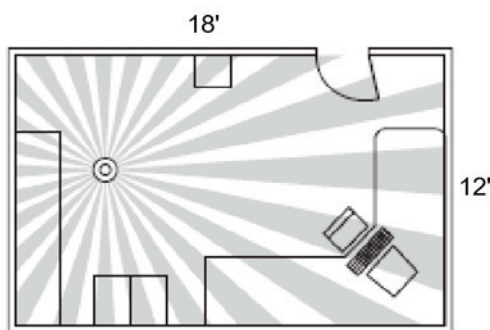


FIG. 2

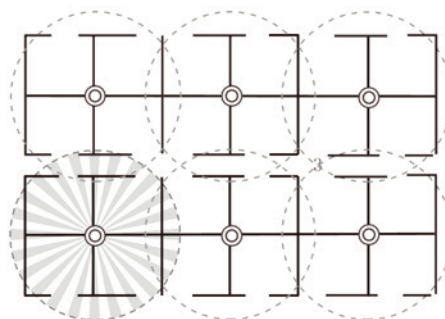


FIG. 3

MaxLite® 120-277V c-Max Network Ceiling Mounted PIR Sensor

Wiring Diagrams

Connect the Hot wire to the Black wire from the sensor.

Connect the Neutral/Common wire to the White wire from the sensor.

Note: Depending on the application, follow instructions to connect the Load wire to the red wire from the sensor.

Note: Compatible only with c-Max app and c-Max Network Controls.

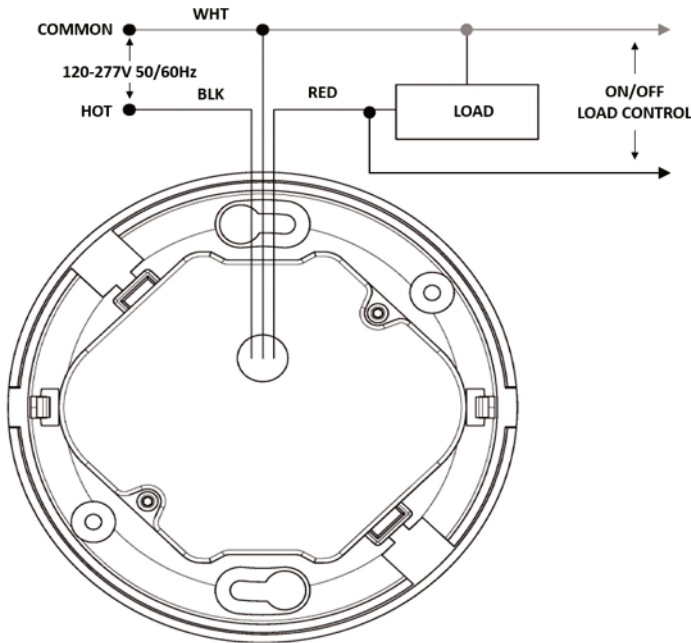


FIG. 4A

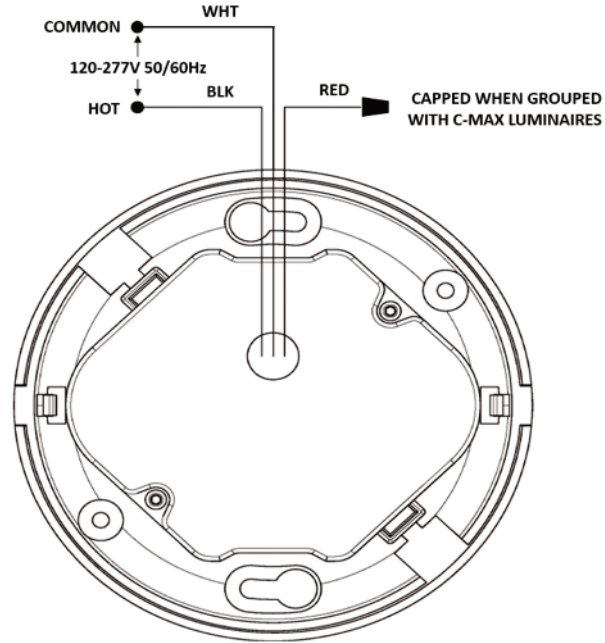


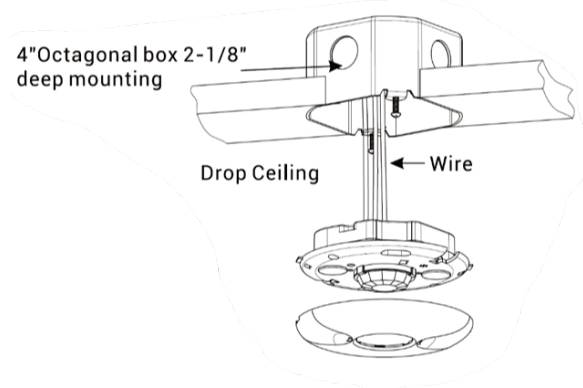
FIG. 4B

Figure 4A: Adding the load wire to non c-Max luminaires will only give you the capability of ON/OFF functionality.

Figure 4B: Cap the red wiring when grouping the sensor with other MaxLite c-Max controls ready luminaires.

Mounting

1. Using an Octagonal Junction Box
2. Pull the high voltage wires into the J-Box through the conduit knockout.
3. Connect the high voltage wires to the appropriate terminals on the sensor.
4. Loosen the appliance mounting screws attached to the J-Box.
5. Align the sensor in the J-Box so that the mounting screws on the box match the key holes on the sensor's rear housing.
6. Push the sensor up into the J-Box and twist it so that the mounting screws are seated in the keyhole slots.
7. Tighten the two screws to secure the sensor to the J-Box.
8. Snap the front cover onto the sensor



Commissioning Instructions

Commissioning with c-Max App. Refer to the c-Max Commissioning Guide on www.maxlite.com/cmax

MaxLite® 120-277V c-Max Network Ceiling Mounted PIR Sensor**Warranty Information**

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the date of original purchase from MaxLite or its authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite's website (at <http://maxlite.com/resources/warranties>) for the complete terms and conditions of our warranty.

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