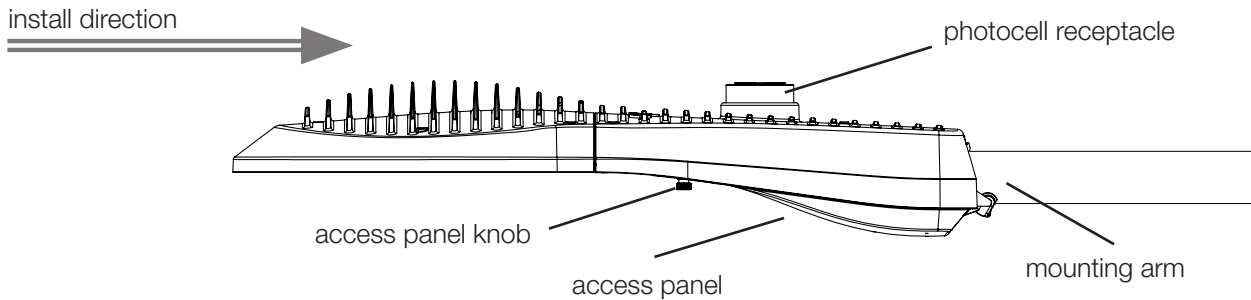


ROADMAX® SERIES LUMINAIRES



ROADMAX RX2 LUMINAIRE INSTALLATION INSTRUCTIONS



PLEASE READ AND FOLLOW ALL SAFETY INSTRUCTIONS!

Disconnect power before wiring the fixture. High voltage may be present even when the photocell is removed.
If not qualified, consult an electrician.



Verify that supply voltage is correct. RoadMax RX2 operates at 120-277 VAC, 60 Hz current.

Do not exceed maximum voltage marked on luminaire label.

LED luminaires should be powered directly from a switched service unless specification indicates otherwise. Do not connect directly to control devices, such as occupancy sensors, timing devices or dimmer packs.

Follow all National Electrical Codes (NEC) and any applicable local code requirements for electrical and grounded connections. Wiring connections should be capped with UL listed or recognized connectors.

Wear gloves and safety glasses when removing luminaire from carton, during installation, or while performing maintenance.

Avoid direct eye exposure to an LED light source while in operation.

PRODUCT DESCRIPTION

The RoadMax RX2 has been listed to U.S. and Canadian safety standards CSA per Met Labs. It is suitable for use in wet locations. Temperature operation range is -40°C min to 50°C max.



This luminaire is designed for outdoor lighting purposes. It should not be used in an area with limited ventilation or an enclosed area with a high ambient temperature. Store in a dry location prior to installation. Do not expose luminaire to the weather without a shorting cap or photocell installed unless the luminaire has been ordered with the Evluma integrated photocell.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

TOOLS REQUIRED

- 9/16 in drive socket, or box wrench for tenon bolts
- #2 Phillips screwdriver for photocell receptacle, or photocell
- 5/16 in drive socket, or 1/4 in slotted screwdriver for lens, or shields
- 1/4 in slotted, or #2 Phillips screwdriver for conductive wires

ROADMAX® RX2 INSTALLATION INSTRUCTIONS

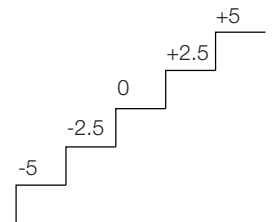
INSTALLING THE ROADMAX RX2 LUMINAIRE

If you are installing a secondary lens or light trespass shields, attach to the luminaire prior to hanging the luminaire. Please see the separate instructions for installing these accessories. Installing a photocell, steps 8 and 9, may be easier to perform on a workbench than on a pole. Likewise, setting the FAO (Field Adjustable Output switch), step 7, can be done in advance, prior to installation. Please review the entire guide before proceeding.

1. Disconnect power to reduce the risk of electrical shock.
2. Open the access panel using the access panel knob by rotating approximately 2 turns.
3. Using the 9/16 inch drive socket, loosen (do not remove) the two tenon clamp bolts enough to allow the mounting arm (not included) to slide into the service cavity.
4. RoadMax RX2 accepts mounting arms with a maximum outside diameter of 1-5/8 & 2-3/8 inch. Luminaire is set at the factory to accept 1-1/4 inch mounting arm.

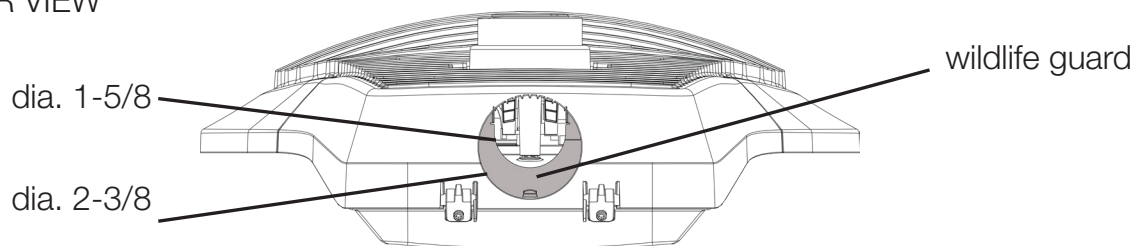
Mounting arm should be placed upon or 'stopped' against the leveling steps. Use caution and avoid striking internal components with the mounting arm. Leveling steps are designed to be used in conjunction with the bubble level to install the luminaire in a straight or level position.

Note: A wildlife guard is provided for use with a 1-1/2 inch diameter mounting arm or smaller. If using a mounting arm larger than 1-1/2 inches remove the wildlife guard. See instructions for Installing or Removing the RoadMax Wildlife Guard.



Leveling steps are +/- 5° tilt:
+5, +2.5, 0, -2.5, -5 degrees.

REAR VIEW



5. Tighten the bolts to 120 in-lbs, alternating from bolt to bolt. Refrain from tilting the clamp or unevenly tightening the bolts to avoid cross-threading. Using the bubble level, confirm that the luminaire is level.
6. Pull the wires through the mounting arm. Allow for enough length to easily attach to the three-position terminal block. Loosen the terminal block screws prior to connecting wires. Use 1/4 inch slotted, or #2 Phillips screwdriver for securing conductive wires in the terminal block, torque to 15 in-lbs.
 - a. Connect the green wire, or ground, to the terminal block at the GND location.
 - b. Connect the black wire, or hot, to the terminal block at the L1 location.
 - c. Connect the white wire, or neutral, to the terminal block at the L2(N) location.

Note: A reference wiring diagram can be found inside the access panel. RoadMax is sold with pigtail options. Exact steps may vary depending on if pigtails (white, black and green wires) are sold with the luminaire vs. a no pigtail option.

7. If you have ordered a luminaire with an FAO (Field Adjustable Output switch) installed and you intend to use this to set a lower wattage, do so at this time if you have not done so already. Please refer to the RX2 datasheet for details.
8. Rotate the photocell receptacle if position requires adjustment. By default, North is oriented to the front of the luminaire. Use a #2 Phillips screwdriver for photocell receptacle or photocell only if rotation is required. Torque to 25 in-lbs.
9. Insert a twist lock photocell (not provided) or network node (not provided) into the photocell receptacle and install in accordance with the manufacturer's instruction.

Note: Before installing a node on an RX2 with an F7 receptacle configuration, please contact Evluma Customer Support at customercare@evluma.com for additional instructions and reference the wiring diagram located on the inside of the access panel.

10. Close the access panel. Tighten the access panel knob. Do not over tighten.
11. With power on, test the photocell.

Note: Photocells and photocell test response times may vary. Some photocells may turn the light off and on over the first few minutes after power is applied. This does not indicate a defect. A defective photocell will operate with the light on at all times regardless of the time of day. Allow several minutes for the photocell to turn the fixture off. A small number of photocells fail off. Test according to the type of photocell in use.

If the luminaire comes with the Evluma integrated photocell, "XP" model, allow up to 5 seconds for the luminaire to respond.

PHOTOCONTROL FAILSAFE™

If the RoadMax has been ordered with Photocontrol Failsafe the luminaire will flash once to indicate that power is connected, and luminaire is in operation. The RoadMax begins collecting data immediately. Short daytime tests of the photocell will not affect the gathering of this data.

WARRANTY

Warranty information may be found at evluma.com.
Components inside the fixture are not serviceable.

NEED ASSISTANCE?

Please feel free call us at 425-336-5800 M-F, 8am- 4pm PST, or email customercare@evluma.com.