



WXPM

MINI OUTDOOR EMERGENCY LIGHT

INSTALLATION AND OPERATING INSTRUCTIONS

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Review the diagrams and instructions thoroughly before beginning installation.
2. All electrical connections must comply with local codes, ordinances, and the National Electrical Code.
3. Disconnect power at the fuse or circuit breaker before installing or servicing the unit.
4. Do not mount in hazardous locations or near gas or electric heaters.
5. Do not allow power cords to be in contact hot surfaces.
6. Equipment should be mounted in locations and at heights where it will not be subjected to tampering by unauthorized personnel.
7. The use of accessory equipment not recommended by the manufacturer may cause unsafe or failed fixture operation and may void warranty.
8. Do not use this equipment for purposes other than its intended use.
9. All servicing should be performed by qualified personnel only.
10. For EM models: Allow the battery to charge for 24 hours before first use.

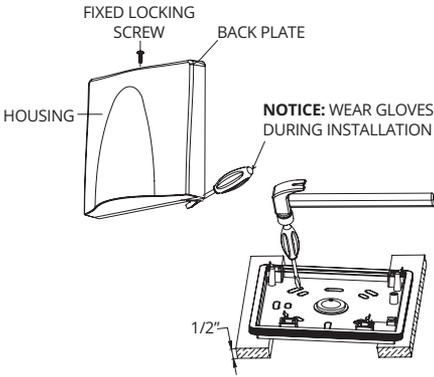
NOTICE: WEAR GLOVES WHEN INSTALLING OR HANDLING

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3-12VDC REMOTE LAMP INSTALLATION - REM

FIGURE 1



NOTE: KEEP THE BACK PLATE AT LEAST 1/2 INCH AWAY FROM THE SUPPORT SURFACE WHEN DRILLING OR KNOCKING OUT MOUNTING HOLES.

FIGURE 2

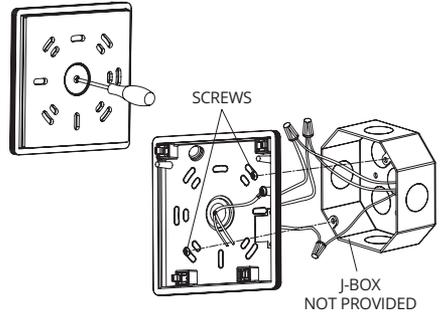
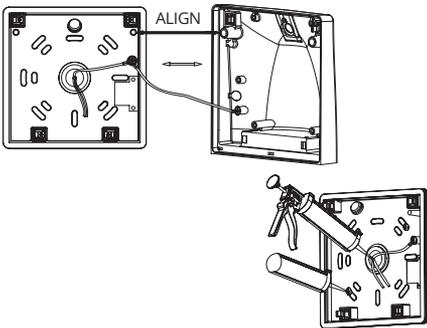


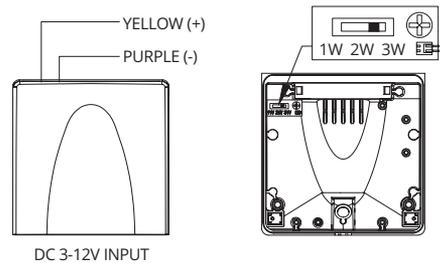
FIGURE 3



NOTE: AFTER INSTALLATION, APPLY SILICONE SEALANT TO ALL EXPOSED AREAS TO ENSURE WATERPROOFING. ASSEMBLE THE FRONT COVER ONTO THE BACK PLATE SECURELY.

FIGURE 4

1. CONNECT THE WIRES TO A DC 3-12V POWER SUPPLY IN ACCORDANCE WITH LOCAL AND NATIONAL CODES.
2. SELECT THE APPROPRIATE REMOTE POWER SWITCH BUTTON FOR 1W, 2W, OR 3W OPERATION.
3. SECURE THE FIXTURE TO THE JUNCTION BOX.



INSTALLATION INSTRUCTIONS - AC & BATTERY BACKUP (EM)

FUNCTION

1. This light fixture is designed for operation with an AC power supply of 120-277V, 60Hz. It can be field configured for one of the following operating modes: Dusk-to-Dawn Operation (default setting) – Automatically controlled by the integral photo sensor. Wall Switch (Remote) Operation – Controlled manually via an external switch or contact. Normally-Off Emergency Operation – Remains off under normal conditions and is energized from the internal battery when AC supply fails.
2. In photo sensor mode, if the ambient luminance is $<1FC$ (10 Lux), the fixture will turn on automatically. When the ambient luminance $>3FC$ (30 Lux), the fixture will turn off. See Figure 11.
3. For Normally-off or Switched function. See Figure 12.

PHOTO SENSOR  WALL SWITCH 

SLIDE SWITCH TO SELECT FUNCTION

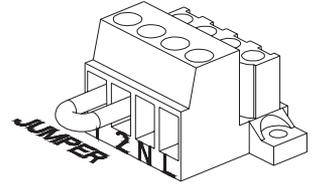
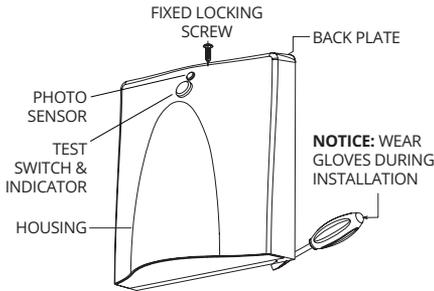
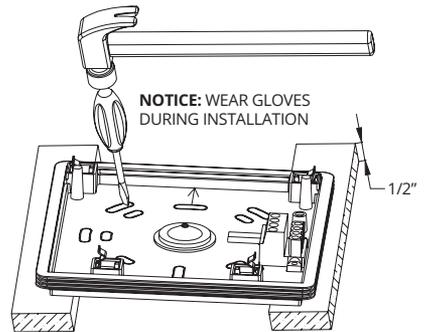


FIGURE 5



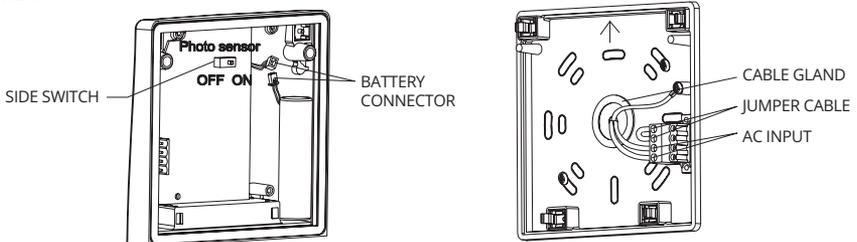
NOTE: THE FRONT COVER AND BACK PLATE ARE PACKAGED SEPARATELY. IF YOU NEED TO SEPARATE THEM AFTER INSTALLATION, REMOVE THE FIXED LOCKING SCREW AND THEN INSERT A SCREWDRIVER INTO A CORNER GAP BETWEEN THE UNIT AND WALL PLATE AND CAREFULLY PRY OPEN THE FRONT COVER.

FIGURE 6



NOTE: KEEP THE BACK PLATE AT LEAST 1/2 INCH AWAY FROM THE SUPPORT SURFACE WHEN DRILLING OR KNOCKING OUT MOUNTING HOLES.

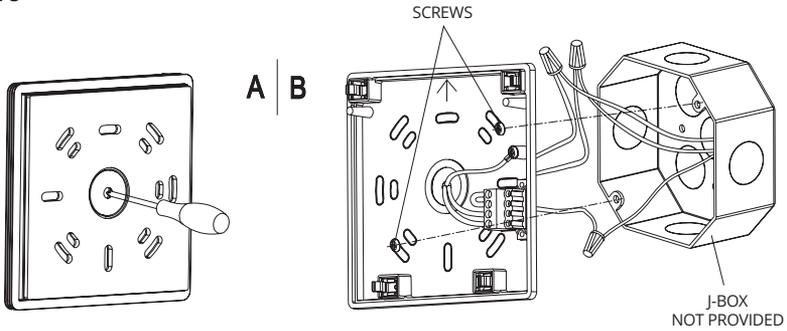
FIGURE 7



INSTALLATION INSTRUCTIONS - AC & BATTERY BACKUP (EM)

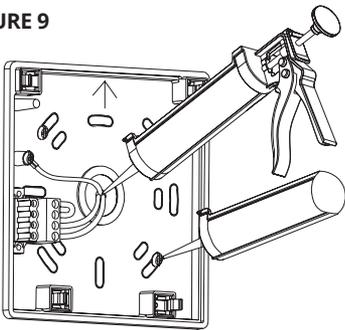
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FIGURE 8



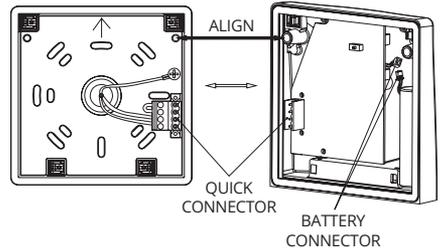
NOTE: ENSURE SCREWS ARE SECURE AND NOT OVER TIGHTENED TO PREVENT THE BACK PLATE FROM DEFORMING, WHICH COULD AFFECT THE WATERPROOF FUNCTION.

FIGURE 9



NOTE: AFTER INSTALLATION, APPLY SILICONE SEALANT TO ALL EXPOSED AREAS TO ENSURE WATERPROOFING.

FIGURE 10



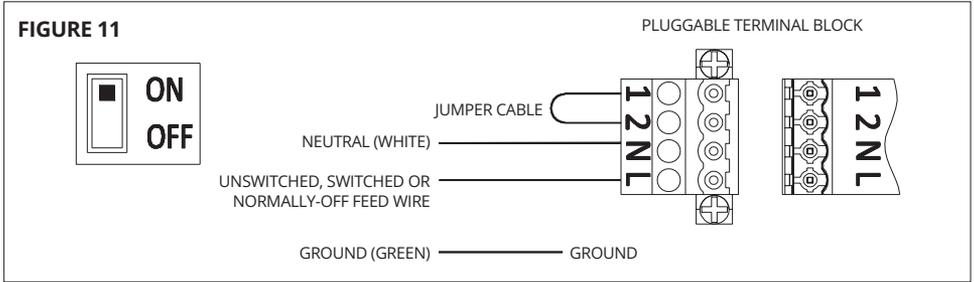
NOTE: ENSURE THAT THE BATTERY CONNECTOR IS PROPERLY RECONNECTED BEFORE ASSEMBLING THE FRONT COVER.

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WIRING DIAGRAMS

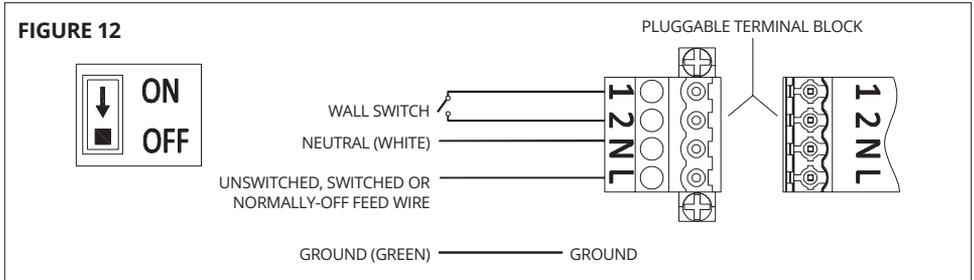
Dusk-to-Dawn Photo Sensor Operation

Follow the wiring diagram in Figure 11. Slide the photo sensor switch to ON (factory default). The fixture will automatically turn on/off based on ambient light levels.



Remote Switch Operation

Toggle the slide switch down to bypass the photo sensor. Remove the jumper cable and connect the wall switch between terminals 1 and 2. (See Figure 12). Terminal 1 is the hot switched output from switch. Terminal 2 is hot Unswitched feed to the switch (same feed as L). Alternatively, a Normally-off operation can be achieved by removing the jumper between terminal 1 and 2. For Switched operation remove the jumper between terminal 1 and 2, connect the hot switched output to terminal 1.



WALL MOUNT INSTALLATION - BACK POWER FEED

1. Insert a flat-blade screwdriver into the corner gap between the front cover and the base. Rotate the screwdriver to remove the front cover from the back plate. (See Figure 5)
2. Remove the appropriate knockout hole on the back plate. (See Figure 6)
3. Use a Phillips screwdriver to pierce the center cable gland on the back plate. (See Figure 8A)
4. Feed the unit wires through the center cable gland and connect them to the power supply wires using the provided wire nuts:
 - White wire > Neutral
 - Black wire > Hot lead (120-277V)
 - Green wire > Ground
5. Secure the back plate to the J-box and apply silicone sealant to all open areas. (See Figure 8)
6. Reconnect the battery connector, then attach the front cover to the back plate. (See Figure 9)
7. Secure the screw at the top to finalize the installation. (See Figure 5)



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