



### READ BEFORE YOU START

THIS LUMINAIRE IS TO BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND THE NATIONAL ELECTRIC CODE (NFPA70). FAILURE TO FOLLOW THESE CODES AND INSTRUCTIONS MAY RESULT IN SERIOUS INJURY, PROPERTY DAMAGE AND VOID THE WARRANTY. THESE INSTRUCTIONS DO NOT COVER ALL TYPES OF INSTALLATION AND MOUNTING, OPERATION OR MAINTENANCE.



### WARNING! - HOT

THE LUMINAIRE, LENS, AND SURROUNDING METAL COMPONENTS CAN BECOME VERY HOT DURING OPERATION, POSING A BURN RISK. AVOID INSTALLING FIXTURES IN AREAS ACCESSIBLE TO CHILDREN, ESPECIALLY WHEN USING HIGH-WATTAGE LAMPS, AND KEEP FLAMMABLE MATERIALS CLEAR OF THE UNIT. ALWAYS ALLOW THE FIXTURE TO COOL COMPLETELY BEFORE HANDLING OR PERFORMING MAINTENANCE.



### WARNING! - SHOCK HAZARD

DO NOT INSTALL WITHIN 10 FEET (3M) OF POOLS, SPAS, OR FOUNTAINS.

TURN POWER OFF BEFORE INSTALLING OR SERVICING COMPONENTS.

### TOOLS/SUPPLIES NEEDED:

- 2x GM Lighting MR16 LED series lamp
- Direct-burial connectors
- Low voltage direct burial cable
- Wire cutters/strippers
- Drill
- Phillips Screwdriver

### PARTS INCLUDED:

- **ILS-WM202-XX:** Light fixture
- Set of Mounting Screws (4)
- Set of Mounting Anchors (4)

### IMPORTANT SAFETY GUIDE:

- It is recommended to use a qualified electrician for installation or maintenance.
- Use only low-voltage landscape power supplies ( $\leq 300W$ , 25A, 12V-15V).
- Use MR16 lamps ( $\leq 8W$  max).
- Only use wire connectors suitable for direct burial and outdoor use.
- Position the low voltage cable and wire connectors within 6 inches (15.2 cm) from a building structure, a luminaire or fitting.
- Low voltage cable is intended for shallow burial - less than 6 inches (15.2 cm).

## INSTALLATION STEPS 1-10

### Step 1: Unpack and Verify Parts

Confirm that all necessary parts are included.

### Step 2: Remove Backplate

Remove the locking screws from the top and bottom of the fixture, then lift the backplate away from the luminaire. Save the screws for future steps.

### Step 3: Preparing to Install Backplate

Position the inner backplate at the desired mounting location. Mark the spots for the screw holes and the center hole where the low-voltage supply wire will pass through (minimum 3/8"). Drill out all marked holes, insert wall anchors as needed, and route the low-voltage cable through the center hole. (**FIG 1a**)

### Step 4: Mounting Backplate

Align the backplate mounting holes with the wall anchors and insert the provided mounting screws through the backplate and into the anchors. Using a Phillips screwdriver, tighten the screws until the backplate is flush and firmly secured to the wall surface. (**FIG 1a**)

FIG. 1a

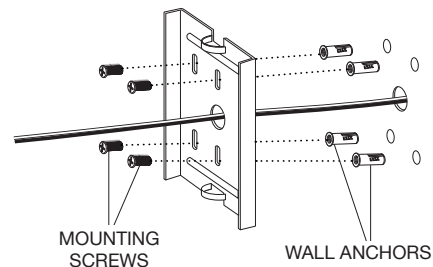
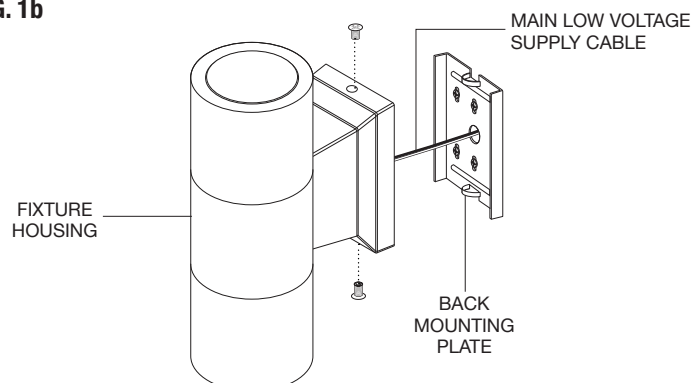


FIG. 1b



## INSTALLATION STEPS

### Step 5: Routing Wire

Feed the low-voltage supply wire through the center hole in the wall that was drilled earlier. Ensure the cable is not pinched or sharply bent during routing. **(FIG.1a)**

### Step 6: Install Fixture Housing

Position the fixture housing onto the mounted backplate and fasten it in place using the provided lock screws. Ensure the housing is fully seated and properly aligned before tightening. **(FIG.1b)**

### Step 7: Access the Lamp Housing

Twist both the top and bottom housings counterclockwise to detach them, exposing the lamp sockets. **(FIG.2)**

### Step 8: Installing the MR16 Lamp

Install the GM Lighting MR16 Series lamp (MAX 8W) into both the top and bottom sockets. Align each lamp's pins with the corresponding socket slots and press down gently until the pins are fully seated and secure. Ensure both lamps are properly aligned before reattaching the housings. **(FIG.2)**

### Step 9: Strip and Connect Wires

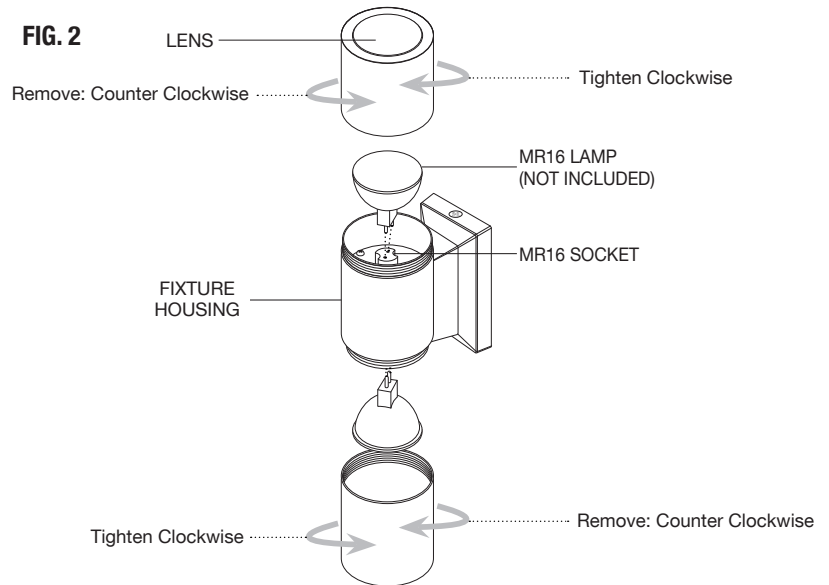
Separate wires and strip insulation back 1/2". Use the direct burial wire nuts or other terminal connectors to secure connections. **(FIG.3)**

### Step 10: Power On and Test Operation

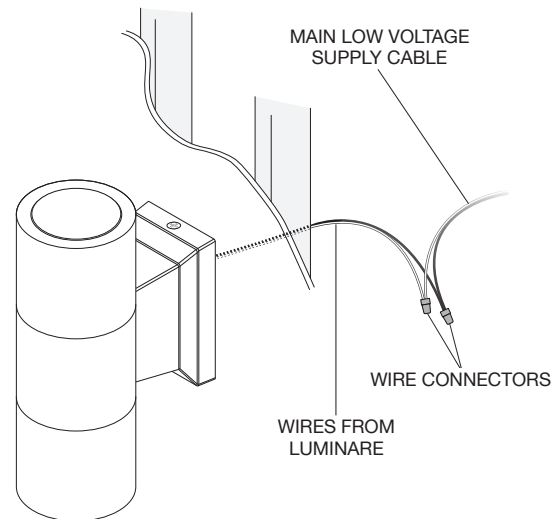
Once all connections are secure, turn on the power supply to test operation. **(FIG.4) (Fixture uses one circuit both lamps go on and off together)**

**NOTE:** This product can be used with GM Lighting Hex Louver (ILS-A900H16-BK) and Louver Clip (ILS-A901LC16). Refer to the installation instructions included with those accessories for proper installation.

**FIG. 2**



**FIG. 3**



**FIG. 4**

