

# INSTALLATION AND ASSEMBLY INSTRUCTIONS XLCW SERIES WALL SCONCE LUMINAIRE



SMARTVISION®



Listed for wet locations,  
lens facing down

**WARNING: Disconnect power before servicing.**

**WARNING: Verify the existing input voltage. The luminaire is supplied with a universal input voltage driver suitable for any input voltage between 120V and 277V (50 / 60 Hz).**

**WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.**

1. Remove luminaire and mounting plate from carton. Place luminaire on cardboard or towels to protect finish. Position luminaire so clamp screws are facing up. See Figure 1.
2. Loosen 2 clamp screws on back of luminaire, so no screw threads are showing past PEM nuts. See Figure 2. Set mounting plate and gasket aside. **Note: Do not remove screws or clamp!**

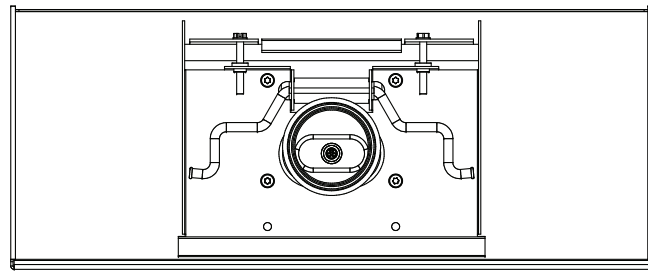


Figure 1

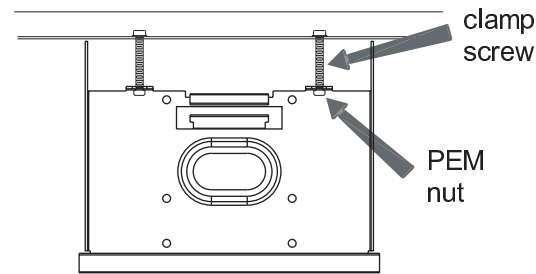


Figure 2

3. Mount either an octagonal or square junction box (not supplied) to wall (recessed or surface). See Figure 3.
4. Place gasket over junction box opening. Secure luminaire mounting plate (supplied) to junction box temporarily using junction box screws. Make sure mounting plate's longest sides are running horizontal, not vertical. See Figure 4.

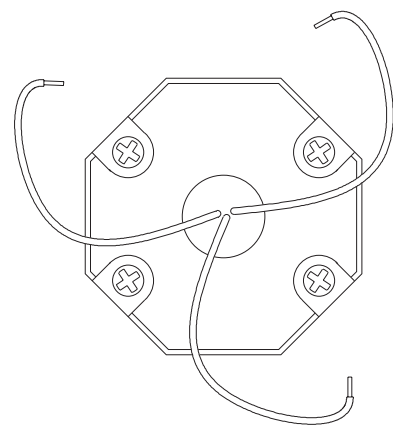


Figure 3

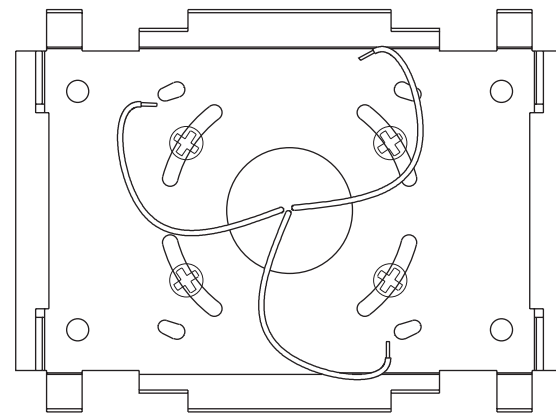


Figure 4

**Installation Questions?**  
Call LSI Field Service Department at:  
1-800-436-7800 Ext. 3300  
Fax: 1-877-861-1368



LSI Industries Inc. 10000 Alliance Road Cincinnati, Ohio 45242 (513) 793-3200 Fax (513) 793-0147 www.lsi-industries.com

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## XLCW Series, con't.

5. Level mounting plate to wall using a spirit level. See Figure 5.
6. If junction box is recessed into wall (flush with wall surface), mark 4 large holes onto wall. Secure plate to wall with suitable fasteners and anchors. See Figure 6. **Warning: Do not rely on junction box screws alone to secure mounting plate to wall!** Proceed to Step 7.
7. If junction box is surface-mounted to wall, secure mounting plate to junction box. Proceed to Step 8.

Figure 5

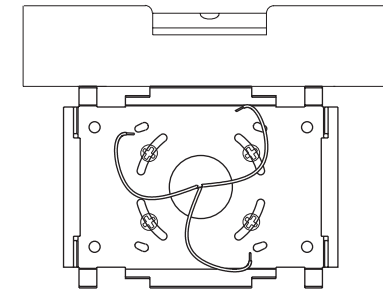
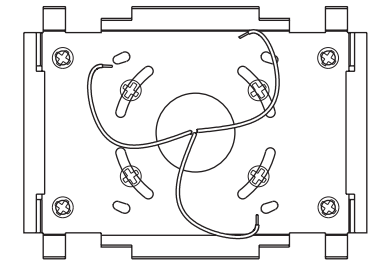


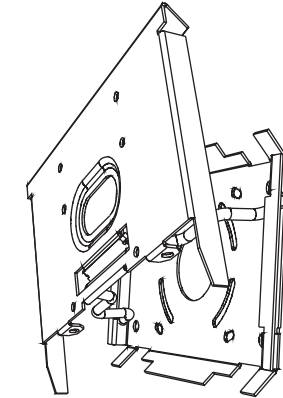
Figure 6



8. Hook each luminaire mounting arm pin into the long slots on the mounting wall plate. Allow the fixture to hang by the arm pins while completing the wire connections per National Electric Code. See Figure 7 below.

Figure 7

**NOTE: Luminaire removed to show clarity of both brackets! DO NOT REMOVE LUMINAIRE FROM BRACKET!**



**WARNING: Verify the existing input voltage. Make sure it matches the pre-wired voltage of the luminaire. Refer to the luminaire product label for the voltage specification. Place and secure all wiring and connections in the junction box.**

**If luminaire is supplied with DIM (dimming) option-** An additional gray (-) and violet (+) wire will be provided at the back of the luminaire for connection to a Class 1 or Class 2 low-voltage control circuit of 1-10VDC.

9. While keeping the mounting arm pins in their slots, mount the luminaire to the wall mounting plate by sliding from top to bottom over the plate. See Figure 8. **NOTE: Make sure no wires are pinched in wire grommet!**
10. Tighten 2 clamp screws evenly. See Figure 9

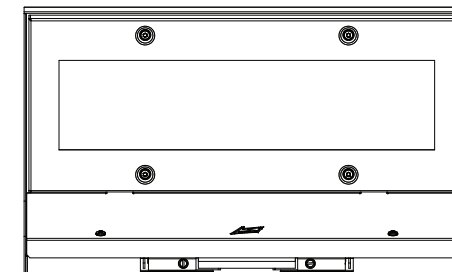


Figure 8

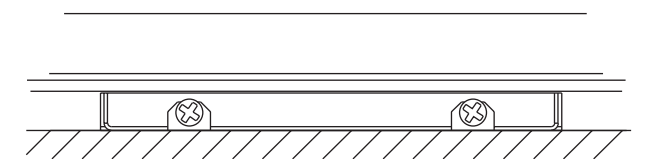


Figure 9



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