Explosion Proof Photocell
20-Amp Rated Day/Night Sensor - Dusk-to-Dawn Operation - 480V 1PH
Instruction Manual

Do not attempt installation until you are familiar with all warnings, precautions, and procedures outlined within this instruction sheet.

WARNING:

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.
THE EXP-PHOTOCELL-20A-480V.1P MUST BE OPERATED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES. PROPER GROUNDING IS REQUIRED FOR SAFETY.
FOR PERSONAL SAFETY, ALWAYS CONFIRM THE RATING OF ANY KNOWN HAZARDOUS OR POTENTIALLY HAZARDOUS LOCATION WHERE THE LIGHT IS TO BE USED.

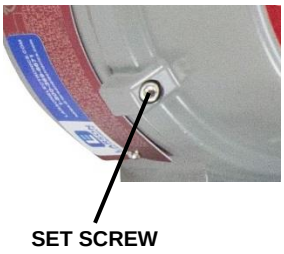
WARNING: TO PREVENT IGNITION OF A HAZARDOUS ATMOSPHERE, THE SUPPLY CIRCUIT SHOULD BE DISCONNECTED WHEN INSTALLING OR PERFORMING ANY MAINTENANCE ON THIS UNIT.

WARNING: DO NOT SCRATCH OR CHIP THE LENS DURING MAINTENANCE. TURN POWER OFF BEFORE STARTING INSTALLATION OR REPAIR.
WARNING: OPERATE THIS FIXTURE ONLY AT THE VOLTAGE OF YOUR SPECIFIC SUPPLY CIRCUIT. FAILURE TO DO SO WILL RESULT IN DAMAGE TO THE FIXTURE.
WARNING: SUBSTITUTE COMPONENTS MAY IMPAIR EXPLOSION PROOF SAFETY.

INSTALLATION

1. Choose a suitable location for mounting the photocell. 3/8”-16 or 3/8”-24 bolts are recommended for mounting the camera with a minimum bolt length of ¼” depending on the location. Make note of NPT hub locations for attaching conduit.

2. Run conduit following all required safety protocols and codes for the location. Verify voltage indicated on nameplate and wire according to the corresponding wire diagram.



If opening the enclosure is required for wiring:

1. Loosen set screw on side of enclosure to open.

2. Rotate lens counter-clockwise to open enclosure and reveal internals. Move photocell aside for better access to wiring if required

3. Connect wiring.

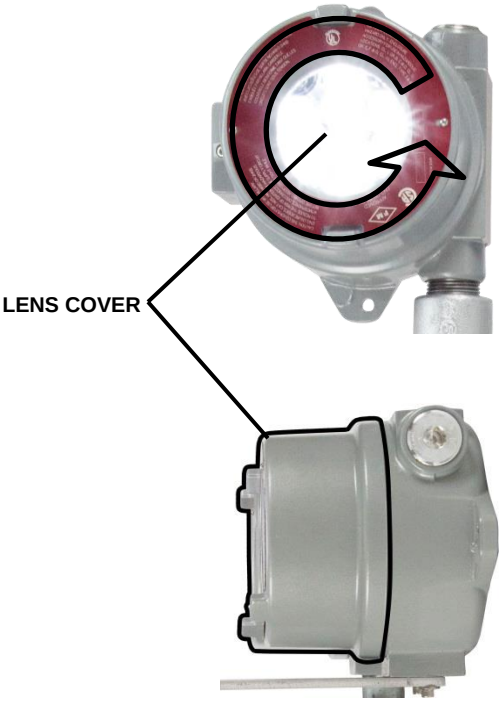
4. Place photocell back inside enclosure making sure no wires are pinched.

5. Replace lens cover and rotate clockwise to tighten.

6. Add grease to rubber o-rings if necessary.

7. Once lens is tight, tighten set screw.

8. Power on and test for proper function.



THESE INSTRUCTIONS MAY NOT COVER ALL DETAILS OR VARIATIONS OF THIS PRODUCT FOR YOUR EQUIPMENT OR INSTALLATION REQUIREMENTS. SHOULD FURTHER INFORMATION NOT COVERED BY THESE INSTRUCTIONS BE REQUIRED, PLEASE CONTACT LARSON ELECTRONICS BY EMAIL AT SALES@LARSONELECTRONICS.COM OR BY PHONE AT 1-800-369-6671 FOR FURTHER ASSISTANCE.

PLEASE VISIT LARSONELECTRONICS.COM FOR **WARRANTY** AND **RETURN** INFORMATION.