

WARNING

**PLEASE READ ALL INSTRUCTIONS PRIOR TO INSTALLATION.
READ AND FOLLOW ALL WARNINGS AND INSTRUCTIONS BEFORE INSTALLING OR MAINTAINING THIS PRODUCT.
TURN OFF POWER PRIOR TO ANY WORK ON THE SYSTEM OR PRODUCT.
DO NOT INSTALL DAMAGED PRODUCT.**

Installing, wiring, and maintenance must be done by qualified persons or a certified electrician in accordance with all local and National Electrical Codes.

Warranty is voided in case of unauthorized modifications and/or improper use.

Save these instructions. Use as reference when service or maintenance is performed.

CAUTION – Do not install any fixture assembly closer than 6 inches from combustible material. AIRbar is rated for IC and non-IC applications. AIRbar’s aluminum housing on the back side of the luminaire can be in contact with typical building materials (drywall, wood, insulation, etc.).

Refer to product label for voltage requirements and properly ground power supply and enclosure in accordance with all local and National Electrical Codes.

Luminaire is suitable for Dry and Damp Locations.

⚠ WARNING ⚠

- To avoid possible electrical shock, before installing light fixtures, disconnect power by turning off the circuit breakers both to the outlet box and to its associated wall switch location if you cannot lock the circuit breakers in the off position, securely fasten a prominent warning device, such as a tag to the service panel.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in the accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- Allow sufficient time for fixture and / or power supply to cool before servicing and performing maintenance.

⚠ ADVERTENCIA ⚠

- Para evitar un posible choque, antes de instalar luminarias, desconecte la alimentación apagando los interruptores de circuito y ubicación del interruptor de pared. Si no se pueden bloquear los interruptores en la posición de apagado, sujetar un dispositivo de advertencia en el panel de servicio.
- Compruebe que la tensión de alimentación es correcta comparándola con la información de etiqueta de la luminaria.
- Hacer todas las conexiones eléctricas y puesta a tierra de acuerdo con el código eléctrico nacional (NEC) y los requisitos del código local aplicable.
- Permitir suficiente tiempo para el luminario y el controlador para enfriar antes de enpesar el servicios y mantenimiento.

⚠ AVERTISSEMENT ⚠

- Pour éviter les chocs, avant d’installer des appareils d’éclairage, coupez l’alimentation en désactivant les disjoncteurs et l’emplacement du commutateur mural. Si vous ne pouvez pas verrouiller les disjoncteurs en position d’arrêt, fixer un avertissement sur le panneau de service.
- Vérifiez que la tension d’alimentation est correcte en le comparant avec les informations d’étiquette de luminaire.
- Effectuer tous les raccordements électriques et mise à la terre dans la conformité avec le Code électrique National (NEC) et des exigences du code local applicable.
- Laisser suffisamment de temps pour l’appareil et pilote refroidir avant d’effectuer l’entretien et la maintenance.

⚠ CAUTION ⚠

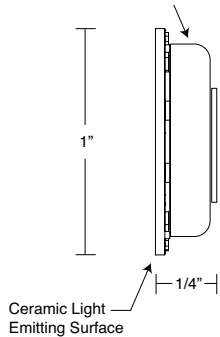
- All wiring must be in accordance with national and local electrical codes and ANSI/NFPA 70. If you are unfamiliar with wiring you should use qualified electrician.
- PPE Personal Protective Equipment such as gloves and safety glasses should be used at all times when installing, maintaining or servicing.
- Risk of fire. Keep combustible material away from fixtures.

⚠ PRECAUCION ⚠

- Todo el cableado debe hacerse de conformidad con los códigos eléctricos nacionales y locales y ANSI/NFPA 70. Si no está familiarizado con el cableado, se debe utilizar a un electricista.
- Equipo de protección personal como guantes y lentes de seguridad se debe utilizar al instalar, mantener o reparar.
- Riesgo de incendio. Mantenga los materiales combustibles lejos de los liminario.

⚠ MIS EN GARDE ⚠

- Tout le câblage doit être effectué conformément aux codes électriques locaux et nationaux et ANSI/NFPA 70. Si vous êtes peu familier avec câblage, vous devez utiliser un électricien qualifié.
- Équipement de protection personnelle comme des gants et des lunettes de sécurité doivent être utilisé en tout temps lors de l’installation, maintenance ou entretien.
- Risque d’incendie. Garder les matières combustibles loin de luminaires.



INSTRUCTIONS FOR USE

1. De-energize circuit before installation. Open power supply enclosure and install in a serviceable location using appropriate hardware for your application (Hardware not included). Do not exceed maximum power output of Power Supply. Do not exceed maximum run lengths. Refer to power supply labels and spec sheet for more information.

2. Use knockouts to connect electrical conduit to power supply enclosure. Refer to product label for voltage requirements. Properly ground power supply and enclosure in accordance with all local and National Electrical Codes.



Picture A



Picture B

3. Connect line, neutral, and ground wiring from building electrical supply to driver in accordance with all local and national electrical codes. (Picture A.)

4. To minimize voltage drop, run (2) sets of 18ga. wiring (BELDEN 6300UE, or similar plenum rated wire) to the center of the group/run. (Picture B). Or alternatively, run only (1) set of wiring to center of lighting location and split into two runs. (Picture C)



Picture C



Picture D

5. Arrange and mark AIRbar locations as desired. Mark WIRING locations and drill hole(s) into mounting substrate to feed wire to center fixtures as required. If using AIRbar channel, mark and drill mounting holes, and ensure wiring enters channel in pre-drilled oval holes. Note: Use only individual insulated wires when running wire in channel. Wiring will be held in place once AIRbar is set into channel. (Picture D).

***Note: This is recommended to avoid any possible voltage drop in runs of multiple units.**

6. The units are held in place magnetically. Arrange the AIRbar units for the first group/run to be installed. It is recommended that the AIRbar units be temporarily secured with Light adhesive “painters tape” to prevent accidental dislodgement.

7. Connect one set of red (+) & black (-) wires to the AIRbar unit left of center, and continue energizing the left via a “daisy chain.” (Picture E)

8. Energize the remaining AIRbar units by using the second low voltage run to the unwired center AIRbar unit and continue the “daisy chain” to the right. Do not connect the two center AIRbar units together. (Picture F)

9. Ensure proper polarity: The positive (+) 24VDC conductor/wire must always be terminated in the AIRbar connector marked (+). The terminal with no marking is the negative terminal block.

10. Energize and test for proper operation.



Picture D



Picture F