

Wall Director PicoEmitter™ LED Installation Instructions



WARNING: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may, result in serious personal injury.



WARNING: RISK OF FIRE OR ELECTRICAL SHOCK. Install this kit only in the luminaires that have the construction features and dimensions shown in the photographs and/or drawings. Luminaires wiring, power supply, or other electrical parts may be damaged when drilling for installation of retrofit assembly hardware. Inspect all wiring and components for damage.



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



CAUTION: Installation of this retrofit assembly requires a person familiar with the construction and operation of LED luminaire electrical systems and the hazards involved/Confier l'installation de ce necessaire de modernisation a une personne connaissant la construction et le fonctionemnet des installations d'eclairage fluorescent et consciente des risques qu'elles comportent.



CAUTION: Do not alter, relocate, or remove wiring, lampholders, ballasts, or any other electrical components/Ne pas modifier, deplacer ni enlever de cable, de douille de lampe, de ballast ou autre composant electrique.



CAUTION: Unless otherwise specified, do not make or alter any openings in the compartment of wiring or electrical components during installation of this retrofit assembly. plug all unused openings in the compartment of wiring or electrical components.



CAUTION: Only the holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

MAINTENANCE: A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the reflector. Any accumulation of dust or dirt should be removed regularly from both sides of the lens during relamping (using ammonia water). Do Not use alkaline or acid cleaners on reflector surfaces.

NOTE: All wiring must be done by a qualified electrician. KEEP THIS SHEET FOR FUTURE REFERENCE.

Tools Required: Flat Blade Screwdriver 1/8" & 5/32" Allen Wrench Rope Caulking (Provided)
 5/16" & 7/16" Socket Ratchet w/ 3" extension

CAUTION: Silicone sealant or rope caulk **MUST** be installed between mounting plate and mounting surface. See below for instructions.

Make certain electrical supply is OFF before starting installation.

1. Open fixture and remove emitter deck assembly and disconnect plugs by loosening screws holding deck halfway unlock deck assy and set aside.



2. Apply supplied caulking into channel in back side of wall mounting plate to prevent moisture from entering J-box.



3. Install mounting bolts through back side of mounting plate making sure bolt heads seat in recessed hex in plate.



4. Thread hex nuts loosely onto bolts ensuring room for housing to lock into place.

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5. (WD14) Making sure plate is level and orientation arrow in pointing down, screw wall plate to 4" J-box with 8/32" screws provided, or to wall surface with 1/4" bolts (by others).



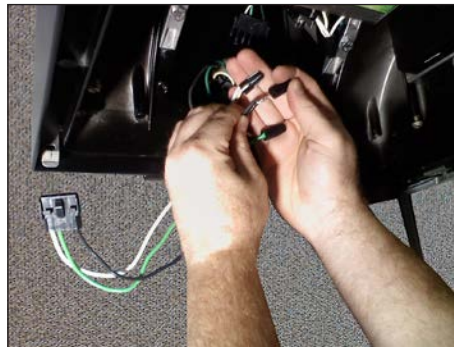
5. (WD18) Making sure plate is level and orientation arrow is pointing down, bolt plate to wall using 1/4" bolts (by others).



6. Hold fixture with both hands and guide keyhole slots on back of fixture housing onto mounting plate bolts, then slide fixture down.



7. Tighten nuts inside housing 5-8 ft. lbs.



8. Using supplied wire nuts, connect field wires to supplied quick disconnect lead set observing polarity, i.e. , green-to-ground, white-to-white, and black-to-voltage. Tuck all leads and connections into J-box.



9. Join the disconnect plugs between the power lead-in and the driver assy.

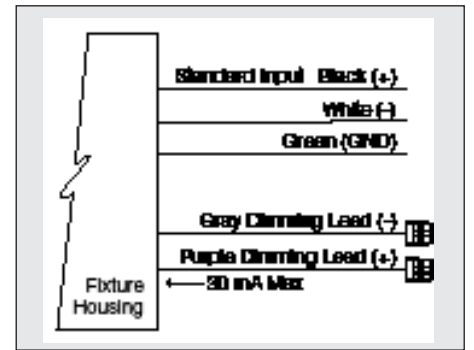


10. Join the disconnect plugs between the emitter deck assy and driver assy.



11. Install emitter deck into housing making sure all screws protrude through keyhole slots and tighten screws. Close lens frame to complete installation.

0-10V Dimming



Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation wiHUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead.

For warranty see <http://www.hubbellighting.com/resources/warranty>



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