



Wall Director (WDS, WDM) 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 fluoresent 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.



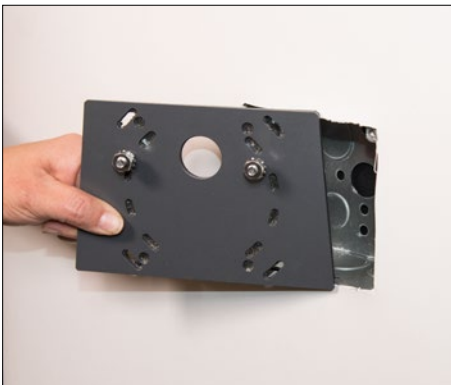
CAUTION: Only the holes indicated in the photographs and/or drawings may be made or altered as a result of kit installation. Do not leave any other open holes in an enclosure of wiring or electrical components.

MAINTENANCE: A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Any accumulation of dust or dirt on the lens should be removed regularly from both sides during servicing (using ammonia water). Do Not use alkaline or acid cleaners on optic surfaces.

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

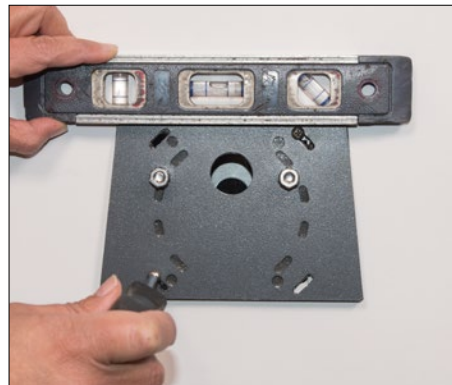
Tools Required: #2 Phillips Head Screwdriver 3/8" Wrench
 7/16" Wrench 5/64" Allen Key 1/8" Allen Key

Make certain electrical supply is OFF before starting installation.



1. (WDS plate shown) Place back plate on top of J-box.

WDS = Wall Director Small
WDM = Wall Director Medium

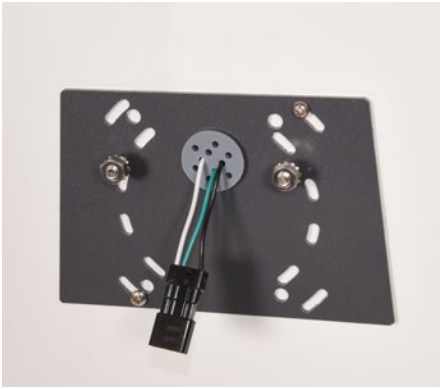


2. Level the plate, and make sure orientation is correct. Screw wall plate to 4" J-box with 8-32" screws (supplied) or wall surface with 1/4"-20 bolts (by others).



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

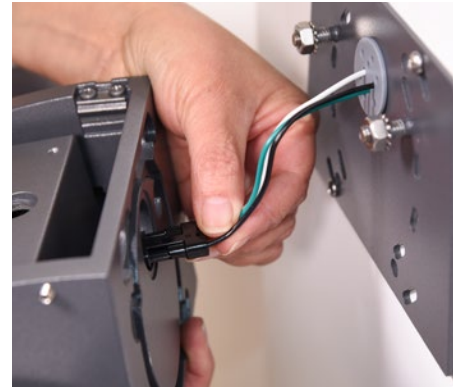
Wall Director Installation Instructions



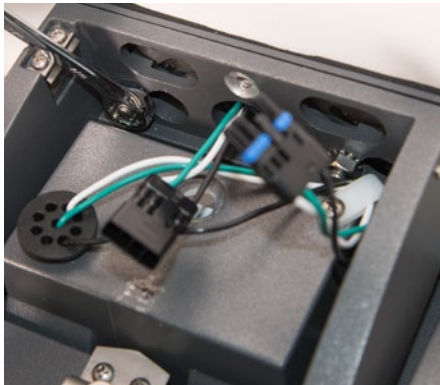
4. Position Grommet into plate hole. Let connector(s) hang loose as shown. Repeat steps if dimming is required (dimming connector not shown).



5. Before installing fixture, make sure to loosen set screw on side of the fixture in order to open fixture cover.



6. Run quick disconnect thru wire way on the back of the fixture.



7. Hold fixture with both hands, and guide keyhole slots on back of fixture housing onto mounting back plate studs/nuts. Using wrench, secure fixture by tightening nuts inside housing.



8. Make quick disconnect connection (make sure wires match on each side of connector).



9. Tuck quick disconnect connector into back of fixture housing.



10. Loosen the nut to allow for tilt.



11. Loosen or tighten set screw to adjust tilt (+10° (away from the wall) and -5° (towards the wall)).



12. Tighten nut after desire tilt has been reached.

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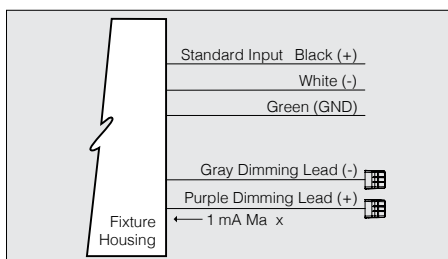
13. Close fixture cover, and tighten set screw on the side of fixture.



14. Turn on power to check for operation. Installation is complete.



15. Follow the same steps for the Up Mount option. Make sure wall plate is oriented correctly.



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.

BATTERY BACKUP

If your fixture includes Battery Backup Option, an additional power wire is included labeled "Unswitched Power". This lead must be connected to an unswitched power source running 120-277 VAC to function properly.

Wall Director (WDS, WDM) LED with Conduit Box Installation Instructions

Tools Required: □ #2 Phillips Head Screwdriver □ 3/8" Wrench
□ 7/16" Wrench □ 5/64" Allen Key □ 1/8" Allen Key

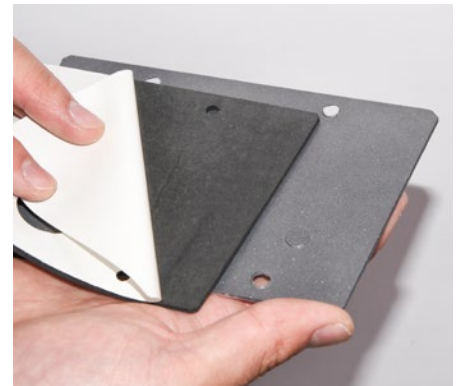
Make certain electrical supply is OFF before starting installation.



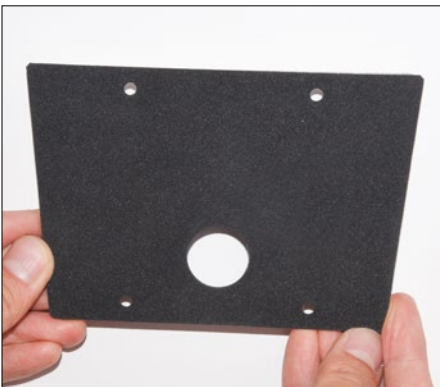
1. Install Conduit Line to Conduit Box. Note: Apply Thread Sealer to Conduit Nipple for a water tight seal.



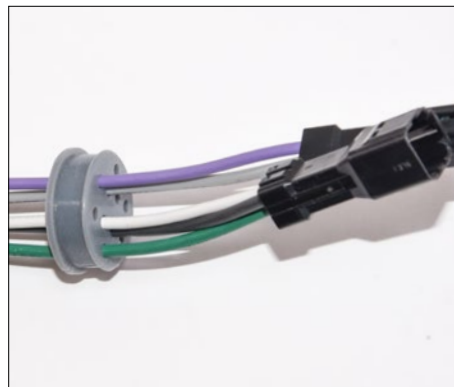
2. Mount Conduit Box onto Wall with hardware by others.



3. Peel back paper coating on the foam adhesive



4. Apply adhesive gasket to Mounting Bracket.



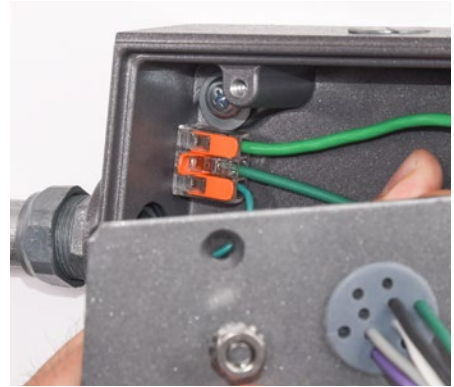
5. Insert harness through the Rubber Grommet. Connector will be closer to the smaller OD side of the Ruber Grommet.



6. Install the Rubber Grommet into the Mounting Bracket with the Wire Connector facing outwards. Loosely Screw the 2x Locknut on the Mounting Bracket



7. Screw the grounding ring terminal to the body of the Conduit Box.

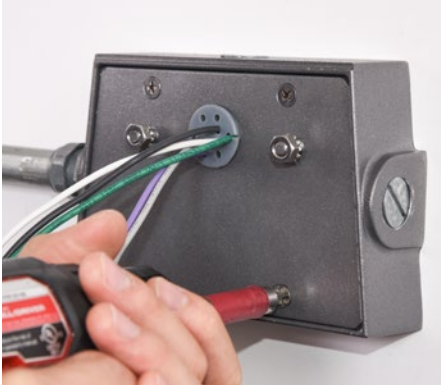


8. Use the Wago 221 3-pin terminal to connect the ring terminal wire to the ground leads and connect the green wire from the connector.



9. Hook up wire harness to the incoming line per the local electrical code.

Wall Director LED with Conduit Box Installation Instructions



10. Mount the Bracket on to the Conduit Box.



11. Before installing fixture, make sure to loosen set screw on side of the fixture in order to open fixture cover.



12. Run quick disconnect thru wire way on the back of the fixture.



13. Hold fixture with both hands, and guide keyhole slots on back of fixture housing onto mounting back plate studs/nuts. Using wrench, secure fixture by tightening nuts inside housing.



14. Make quick disconnect connection (make sure wires match on each side of connector).



15. Tuck quick disconnect connector into back of fixture housing.



16. Loosen the nut to allow for tilt.



17. Loosen or tighten set screw to adjust tilt (+10° (away from the wall) and -5° (towards the wall)).



18. Tighten nut to lock in the tilt.

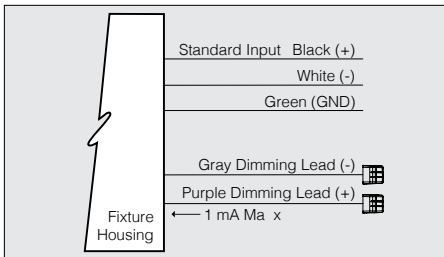
Wall Director LED with Conduit Box Installation Instructions



19. Close fixture cover, and tighten set screw on the side of fixture.



20. Turn on power to check for operation. Installation is complete.



0-10V DIMMING

















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Wall Director Installation Instructions

Installation warnings and cautions for standard product Avertissements d'installation et mises en garde

-  **WARNING:** Make certain all electrical supply is OFF before starting installation or beginning maintenance procedures.
-  **AVERTISSEMENT:** S'assurer que toute alimentation possible est COUPÉE avant de commencer l'installation ou l'entretien.
-  **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.
-  **AVERTISSEMENT:** Les appareils doivent être mis à la terre en conformité avec le Code canadien de l'électricité et les codes locaux. Une non-conformité pourrait conduire à des blessures graves.
-  **WARNING:** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
-  **AVERTISSEMENT:** Pour empêcher l'endommagement ou l'éraflure des fils, empêchez tout contact avec les rebords des parties métalliques.
-  **MAINTENANCE:** A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention.
-  **ENTRETIEN:** Un programme d'entretien régulier devrait être établi pour conserver la luminosité optimale et réduire l'accumulation de chaleur.
-  **NOTE:** All wiring must be done by a qualified electrician.
-  **REMARQUE:** Tout le câblage doit être fait par un électricien certifié.
-  **CAUTION:** LED fixtures are available in 120 volt input or 277, 347, 480 volt input. Please verify before wiring fixture to field wires. (see lamp label to verify).
-  **MISE EN GARDE:** Les appareils d'éclairage à DEL sont offerts pour alimentation à 120 V ou 277, 347, 480 V. Veuillez vérifier avant de raccorder (voir l'étiquette de l'appareil pour confirmer).
-  **CAUTION:** Lighted lamp is HOT! Do not touch hot lens, guard or enclosure. DO NOT operate fixtures with missing or damage lens.
-  **MISE EN GARDE:** Les ampoules allumées sont CHAUDES! Ne pas toucher leur lentille de diffraction, garde protectrice ou le boîtier. NE PAS allumer d'appareil d'éclairage dont la lentille serait absente ou endommagée.
-  **WARNING:** Photocell, if used, must match input voltage to ballast.
-  **AVERTISSEMENT:** Toute cellule électrique utilisée doit être de la même tension que le ballast.






-  **CAUTION:** Do not alter, relocate, or remove wiring, lampholders, ballasts, or any other electrical components.
-  **ATTENTION:** Ne pas modifier, déplacer ni enlever de câble, de douille de lampe, de ballast ou autre composant électrique.
-  **ADDITIONAL WARNINGS**
-  **AVERTISSEMENTS SUPPLÉMENTAIRES**


For in ground fixtures

-  **SAFETY WARNING: DO NOT** install these fixtures in submersible installations such as fountains or swimming pools. Extreme caution should be taken when installed in paved areas.

Pour les appareils d'éclairage enterrés

-  **DIRECTIVE DE SÉCURITÉ: NE PAS** installer ces appareils d'éclairage dans les endroits submergés comme les bassins de fontaines ou les piscines. Une extrême prudence doit être observée lors du montage sur des surfaces pavées.

-  **CAUTION:** To help maintain a clean, dry splice compartment, seal the conduit entries with RTV.
-  **MISE EN GARDE:** Pour garder le compartiment de jonction des fils propre et sec, scellez les entrées de conduits avec du composé RTV.
-  **CAUTION:** Some fixtures are not approved for walk-over areas, reference instruction sheet supplied with fixture.
-  **MISE EN GARDE:** Certains appareils d'éclairage ne sont pas approuvés pour montage dans les aires piétonnières. Se référer aux directives de la feuille fournie avec l'appareil.
-  **CAUTION:** Particular care should be taken not to locate fixtures where small children can reach them if higher wattages are used.

-  **MISE EN GARDE:** Une attention particulière devrait être portée pour ne pas installer les appareils d'éclairage dans les endroits accessibles par les jeunes enfants, spécialement si la puissance de l'ampoule est élevée.

KEEP THIS SHEET FOR FUTURE REFERENCE.

CONSERVER LA PRÉSENTE FEUILLE POUR RÉFÉRENCE ULTÉRIEURE.

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

