










## Kim Warp9® Strike Optic Upgrade Kit 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. Luminaire's 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, drivers, 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.

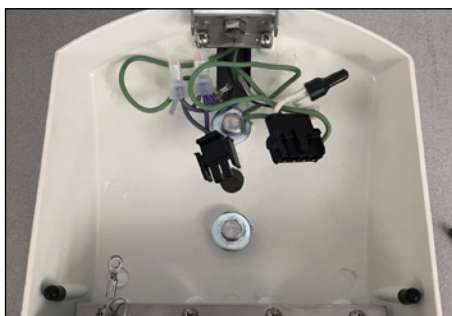
**NOTE:** All wiring must be done by a qualified electrician.

**KEEP THIS SHEET FOR FUTURE REFERENCE.**

**Contents of Kit:** (1) Light Engine Bezel Assembly  
(1) Driver Assembly with Tray

**Tools Required:**  $\frac{3}{8}$ " Socket Wrench  
 $\frac{5}{16}$ " Wrench  
Screwdriver with Phillips bit  
Screwdriver with TORX bit

**INSTALLATION INSTRUCTIONS:** Make certain electrical supply is **OFF** before starting fixture.



**1.** Remove all components from driver compartment including existing tray, leaving only incoming wire connections.

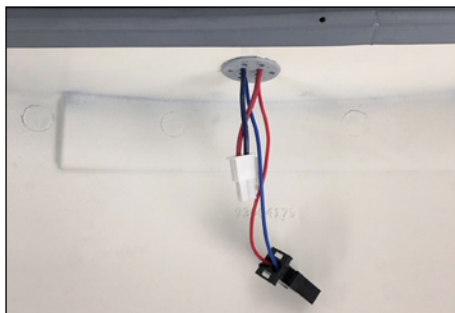


**2.** Remove all components from light engine compartment.



**3.** Connect incoming wires from housing to corresponding connectors on new driver assembly.

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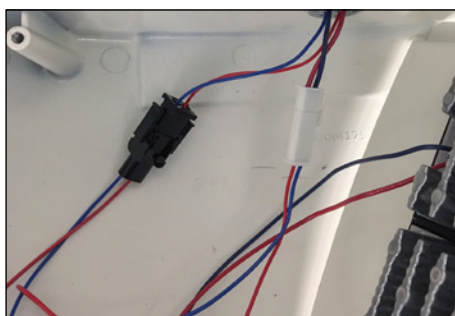
4. Feed DC wire harness connectors into light engine compartment and place grommet.



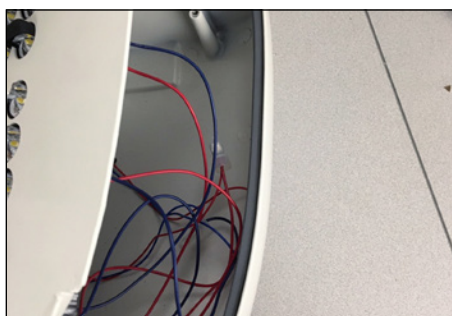
5. Attach driver assembly retention cable.



6. Align driver tray on hinge and close, pressing down until latch snaps into place.



7. Connect DC wires from driver harness to light engine using matching connectors. Note: Number of connectors may vary by configuration.



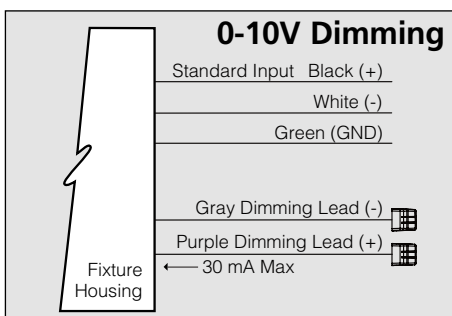
8. Ensure wires in light engine compartment are congregated to the side to avoid wire damage before securing bezel assembly.



9. Install (4) screws from bezel assembly to housing. Self threading TORX screws are provided if existing fixture housing bosses are not threaded.



10. If a lens is present in existing housing, ensure retention cable is assembled before closing lens.



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.