

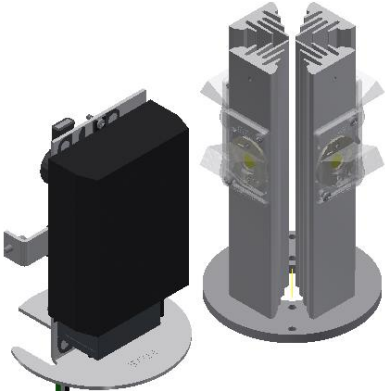
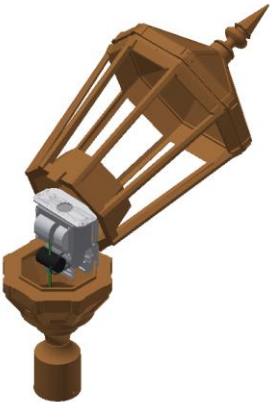
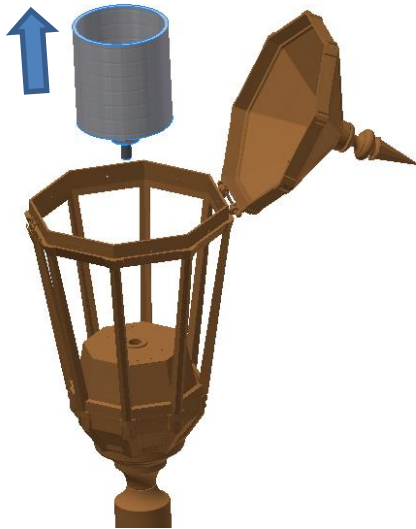


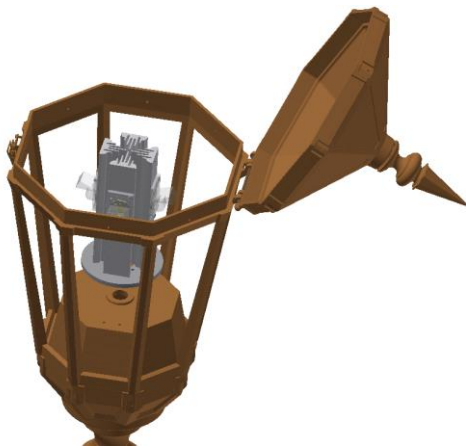
Fixture Installation Instructions	Product: VCOB-MS605
Effective Date: September 20, 2021	Part Description: VCOB Retrofit Kit

	WARNING: To avoid fire, shock or death, turn off and lockout power before performing any maintenance.
	CAUTION: This Fixture must be wired in accordance with the National Electric Code (NEC) and all applicable local codes. Proper grounding is required. All work should be done by a qualified electrician.

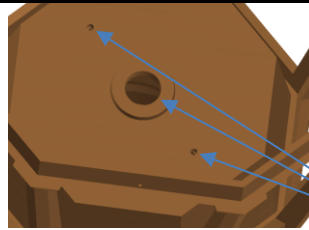
A. Remove Roof of Fixture	
	Step 1: Unpack VCOB conversion kit. Handle with care, being careful not to touch the optics. Recycle the empty packaging.
	Step 2: Loosen the ballast retaining screw and lean the hinged cage assembly back. Disconnect supply lines from ballast. Remove ballast components and dispose of them properly. Carefully unfasten any optic components so they may be removed in the next step. Return roof to closed position and tighten the ballast retaining screw.



Step 3: Unlatch roof assembly and rotate to open position. Remove any optics in roof, and any refractors, lamps, sockets, or decorative chimneys on the fitter cap. These components will not be used for the retrofit.

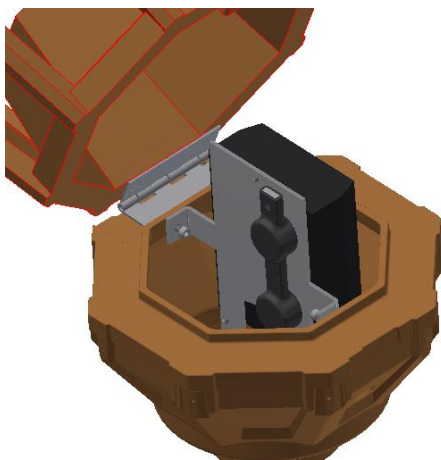


Step 4: Using a 7/8" (.875") hole saw or drill, enlarge the center hole in the center boss above the ballast compartment. (See below.) Place the VCOB unit on the center boss above the ballast compartment and rotate the VCOB to its proper street side orientation. Mark the locations of the two outermost holes on the roof of the ballast compartment. Drill two #19 (.170") holes at the marked locations for thread forming screws. Route the VCOB wire connectors and the red and black free wires through the enlarged center hole in the fitter cap and fasten the VCOB with (2) 10-24 thread forming screws supplied. Close roof and latch.



Drill center hole and VCOB mounting holes.

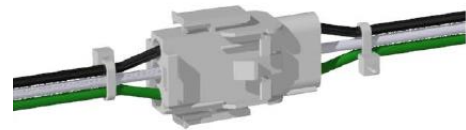
A drill extension may be required for this operation depending on drill size.



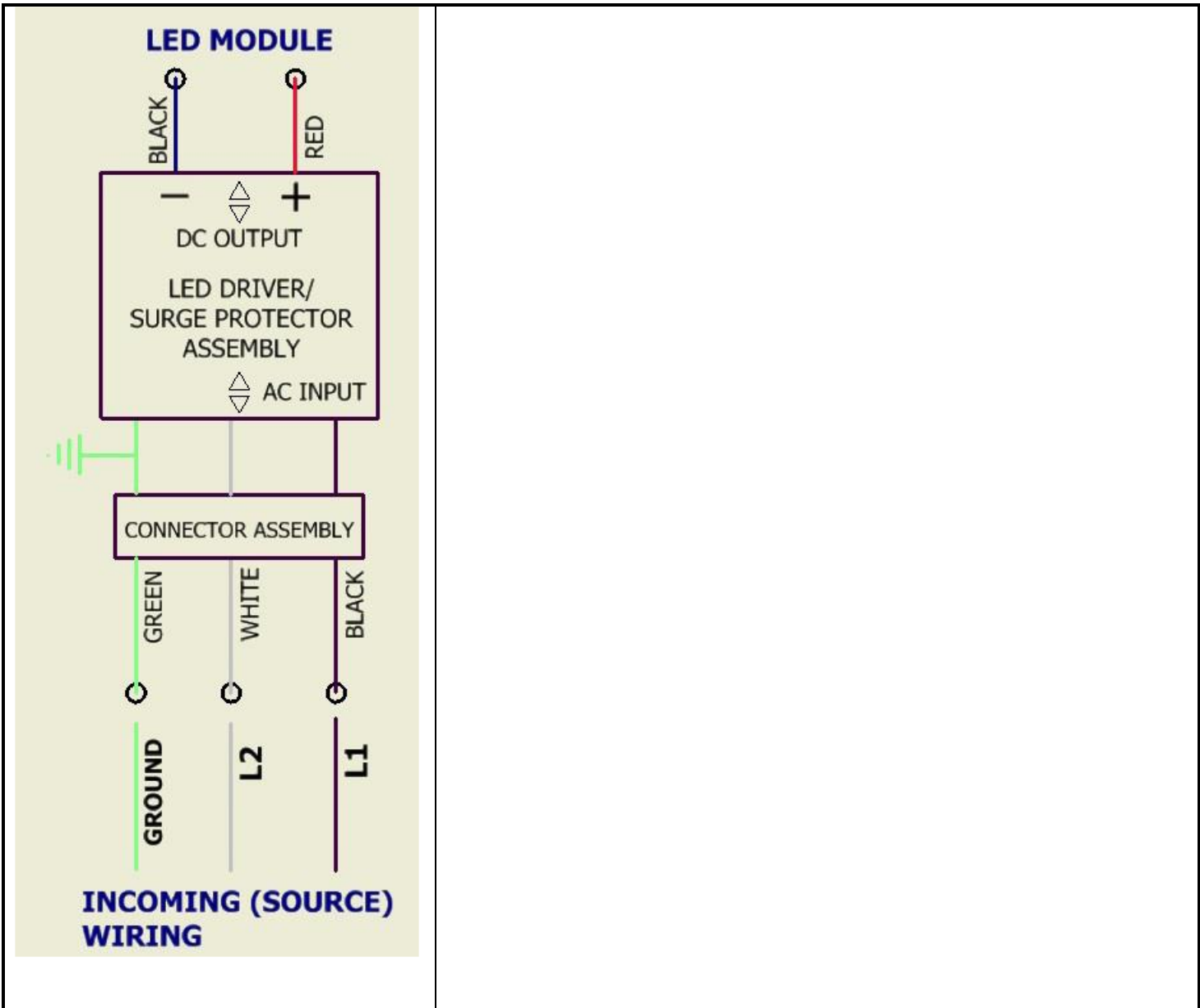
Step 5A: Reopen the ballast compartment and remove drill shavings from this area. Disconnect the male-female quick disconnect (see below) and wire the free end of the male connector per wire schematic. Install the driver bracket assembly on the circular shelf inside the ballast compartment and tighten the screws against the side walls to secure the driver bracket.

Step 5B: Locate the free RED and BLACK wires routed from the VCOB (LED Module) and the corresponding 2-position connectors on the driver bracket and wire them per schematic.

Step 5C: Reconnect the male and female quick disconnect and close ballast compartment being careful not to pinch any wires.



To supply lines



Revision History				
Rev	Description of Revision	ECN Number	Design Engineer Author	Engineering Approval
A	Initial Release	ECN 09-20-2021 RAY	RAY	MR