

FULL WIRE GUARD (FWG) INSTALLATION INSTRUCTIONS

Over HG16 and HG22 GLASS REFLECTORS

Installed on SUPERBAY (BL) or TRIBAY (CH) ballast housings

If either of the above reflectors is attached to the luminaire, proceed with this step, if not; skip to the next step. Remove the attached glass reflector from the bracket on the bottom of the luminaire ballast housing. Remove lens assembly, if present, before removing glass reflector from housing bracket or carefully lower the glass reflector with lens attached, over the lamp, after disengaging the swiveling brackets on the glass reflector supports. The lamp will just pass through the opening in the top of the glass reflector; caution it is a close fit.

Remove all four (4) screws from the glass reflector support bracket attached to the bottom of the ballast housing. Let the socket and bracket combination dangle from the socket wires on the Superbay product. However, the combination will remain attached on the Tribay product. Store the screws close by for immediate use.

Remove the two screws that are installed in the sides of the Superbay ballast housing, towards its bottom. Store for later use.

Remove the bracket with the turned up flanges from the top of the wire cage. Store the four (4) screws close by for later use.

Raise this bracket up over the socket and bracket combination, dangling on the Superbay or fixed on the Tribay, with the turned up flanges pointing up toward the ballast housing. Align the cutout openings over the tabs on the turned down flanges of the glass support bracket and raise it so that the socket protrudes through the large central hole. Fit the turned up flanges alongside either ballast housing. They fit in the depressed area on the Superbay and straddle the housing on the Tribay. For the Superbay only, install the previously removed screws (2), through the holes in the turned up flanges and into the aligned ballast housing holes in the side. Install the four (4) screws, that previously held the glass support bracket, through both sandwiched brackets and into the aligned holes on the bottom of either ballast housing. Tighten all screws to securely attach both brackets to the bottom of the respective ballast housing.

Raise the wire cage up to the attached two brackets on the bottom of the luminaire. Align and hold in place, the four holes in the top plate of the wire guard with the four holes in the just installed turned up flange bracket. Carefully thread one (1) of the previously removed four screws up through an aligned hole combination and tighten. Thread the other three (3) into their aligned holes and tighten to secure the wire guard to the bracket and ballast housing.

Grasp the glass reflector by its base and by one swivel attachment bracket at its top. Carefully raise the glass reflector up through the wire cage and install the swivel attachment bracket over the protruding tabs on the turned down flange on the glass support bracket. Make sure the slots in the swiveling bracket are fully engaged over the tabs. Rotate the glass reflector to attach the other swivel bracket onto the other flange of the turned down glass support bracket. Thread the screws that are attached to the swiveling brackets sufficiently far enough to pass the end of the screws completely through the matching aligned holes in the turned down glass support bracket flanges. This will secure the glass reflector onto the glass support bracket.

Install the lamp into the lamp socket. Make sure the wattage and type of the lamp and its ANSI code agree with the lamp information on the luminaire label.

Close the bottom of the reflector with the appropriate sized glass lens assembly, if supplied and if required by the lamp type used. Use the lens instruction sheet provided to guide in its attachment or follow these next steps. Hook the formed bracket on the lens assembly over the short cross wire that is welded on one of the three double support wires on the glass reflector bottom support assembly. Tighten the screw installed in the formed bracket to secure the hinge on short cross wire pivot. Rotate the lens assembly up to the bottom of the glass reflector assembly. It should just fit inside the wire rings. Align the two sliding captive screw assemblies with the holes in the two rectangular plates, that are welded onto the other two double support wires on the glass reflector bottom support assembly. Thread the two (2) screws into the holes to secure the lens assembly onto the glass reflector.

Attach the wire guard bottom to the installed wire guard frame by aligning the loop ends of the wire guard bottom, with the large diameter washers, between the loop ends of the wire guard frame, also with the large diameter washers. The circular wires on the wire guard bottom should be facing in a downward orientation. Install the two (2) screws supplied through the aligned loop ends and washers so that the screws act as hinge pins. Attach the two (2) supplied locknuts to the ends of the screws and tighten them on the screws sufficiently to provide a rigid, but not bound, hinge like, attachment. The locknut should be threaded onto the screw to where it almost completely clamps the loop ends together and the plastic, anti-rotation grip in the locknut is fully engaged.

Rotate the wire guard bottom upward to close the wire guard assembly completely. Align the loop ends, with the small washers, between the similar loop ends on the wire guard frame. Insert the two (2) attachment pins, which are suspended from the bottom wire of the main wire frame, with wire rings, completely through both small washer pairs on the aligned loop ends. The spring detent ball on the attachment pins must be completely pushed through the inner washer to provide a secure attachment of the pins and secure closure for the wire guard bottom. Make sure the attachment pins are fully engaged to give a secure closure to the wire guard bottom latch mechanism.