

IRID 110

IRIDEON AR500 BULKHEAD MAINTENANCE

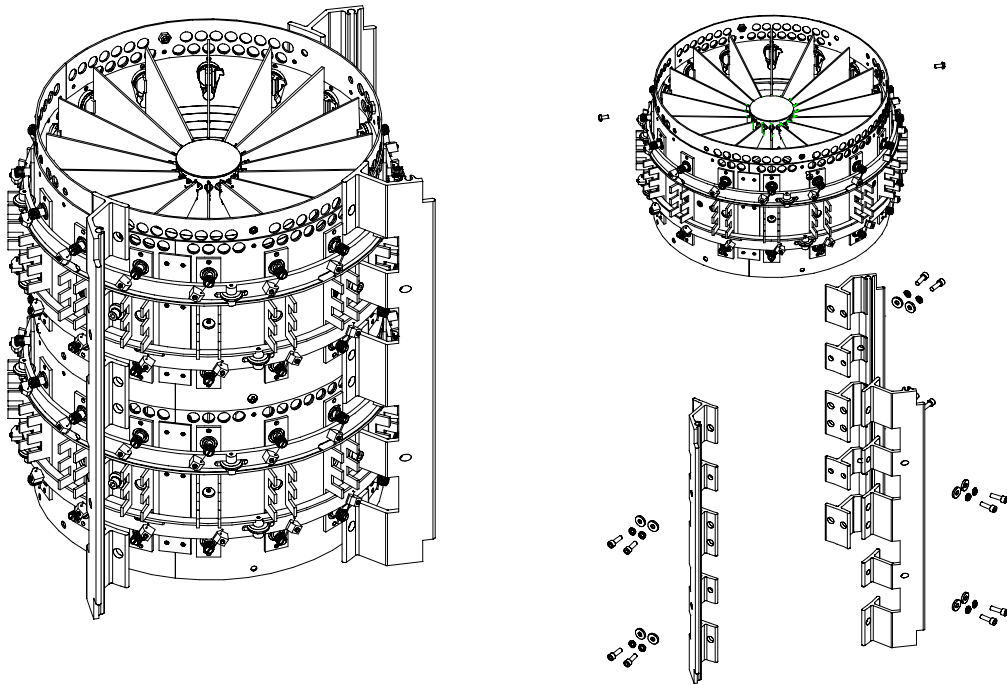
Introduction

To increase the reliability and lifespan of an Irideon AR500 luminaire, occasional cleaning should be performed on the color-changing bulkhead of the fixture. ETC recommends that this cleaning be performed yearly, or if the linear actuator motors seem to have difficulty driving one or more of the black drive rings.

Procedure

Note: The dispenser bottle that is used in these instructions is available from Contact East. It is a Precision Dispenser. The Contact East part number is 121-723. It costs approximately \$2.40 ea. The cleaner used is Formula 409™.

1. Place your AR500 bulkhead on a flat surface.
2. Remove the aluminum mounting brackets. Also remove the four screws that hold the two halves of the bulkhead together. Carefully separate the two halves of the bulkhead.



3. Using the dispenser bottle, spray some cleaner into the spot where the filter carrier meets the outside housing of the bulkhead. See photo below.



4. Push the filter carrier into the bulkhead assembly. It should move about 1/8". Spray some cleaner into the inside gap that has been created. See photo below.



The filter carrier should spring back out on it's own. If necessary, pull the filter carrier back out of the bulkhead assembly. (Pushing the flat surface on the filter side of the filter carrier may help on some of the more difficult ones.)

5. When you are able to push the filter carriers into the assembly and move the black drive ring to it's limits and have the filter carriers turn themselves out to their normal position, reassemble the bulkhead and put it back into the AR500 unit. Allow it to run with the lamp lit for 8 hours, adding more cleaner to the appropriate outside spots after 4 hours.
6. If, after this, one or more of the drive rings do not move more freely, please contact ETC to have the unit sent back to the factory for further cleaning/repair.