

## INSTALLATION INSTRUCTIONS - ALPHA FLOODLIGHT

### SAVE THESE INSTRUCTIONS



### INSTALLATION INSTRUCTIONS ALPHA - SERIES

#### READ THOROUGHLY BEFORE INSTALLING

**WARNING!** Fixtures must be grounded and installed in accordance with the National Electrical Code and all local codes. Failure to do so may increase the **RISK OF PERSONAL INJURY, PROPERTY DAMAGE, FIRE AND DEATH**. Install and use so fixture failures do not cause a hazard and use only in environments for which the product is specifically marked.

**WARNING!** This product contains chemicals known to the State of California to cause cancer, birth defects, and/or other reproductive harm. Thoroughly wash hands after installing, handling, cleaning, or otherwise touching this product.

**CAUTION!** Follow ALL luminaire recommendations, product markings, instructions, restrictions and warnings regarding luminaire operation and burning position. Luminaire label shows electrical and environmental requirements and restrictions.

All electrical work must be done by a qualified electrician.

Turn off electric power to all affected circuits and allow to cool before servicing.

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 optical system. Any accumulation of dust or dirt should be removed regularly.

Carefully read these instructions before installing product. If you do not understand these instructions, before starting any work, contact your Hubbell Lighting distributor or [techsupport@hubbell-ltg.com](mailto:techsupport@hubbell-ltg.com) or (864) 678-1000

Give instructions to facility owner/manager for future reference.

**NOTE:** This luminaire is designed for outdoor lighting applications and should not be used in areas of high ambient temperature or limited ventilation, or in enclosures.

**WARNINGS:** Dangerous voltages exist within the unit and all precautions usually observed in handling high voltage equipment should be observed when replacing light engine or otherwise servicing luminaires. Disregarding this warning could result in electrical shock and possible injury to the individual installing or servicing this equipment. Installation and servicing should be done by qualified personnel.

Remove all packaging materials from fixture before installing the fixture.

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1. To prepare luminaire for installation the cover (Item 4) must be removed. If necessary, loosen handle by turning counterclockwise and pivot heat sink/optical assembly (Item 1) forward/downward. Loosen (do not remove) four captive screws (Item 5) and lift out the cover (Item 4). Unplug quick-connect terminals to separate green bonding wire and fully detach the cover.
  2. The Alpha luminaire is intended to be mounted to a 2 3/8" (2" pipe size) to 3" diameter, 4" min. length, vertical tenon. Slip luminaire over tenon, pulling field supply wiring through into driver/wiring compartment.
  3. Adjust the (6) set screws (Item 2) to aim the luminaire horizontally, level the luminaire, and center the tenon within the luminaire fitter. With the set screws snug tight, torque all (6) set screws to 150 in-lb. Recheck torque on all (6) set screws.
  4. Check supply voltage against luminaire rating label. Supply wiring must be 12-18 gauge for use with terminal block. Strip supply wire ends 3/8"-7/16" and hook up to terminal block (Item 3). Refer to the factory wiring installed at the opposite side of the terminal block, matching the hot wire to factory black wire, neutral (or opposite phase) to factory white wire, and ground to factory green wire. See figure on this page for further clarification. Connection is made by inserting wire while pressing the terminal block tab with screwdriver or finger.
- Note:** Although there are extra positions on the terminal block, the luminaire is not intended nor rated for pass-through wiring connections.
5. Replace cover (Item 4) by reversing Step 1.
  6. If luminaire is equipped with a photocell receptacle, then a twistlock photocontrol or shorting cap must be installed. Be sure to observe voltage rating.
- Note:** Luminaires so equipped will have a limited aiming adjustment range.
7. Aim the luminaire vertically by loosening the handle counterclockwise to pivot the heat sink/optical assembly (Item 1) to the desired position. Tighten handle securely by turning clockwise.
- Note:** If the luminaire is labeled as a downlight (or catalog number begins with "AL-D"), do not aim above horizontal.
8. Turn on power to test luminaire and check installation.
- Note:** Steps 3 and 7 may optionally be deferred to this point in order to perform aiming with the light on.

