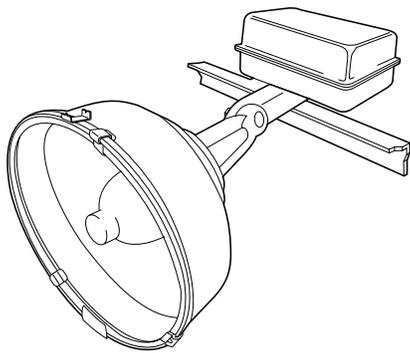


INSTALLATION INSTRUCTIONS

Upon receipt of fixture and accessories (packed separately) thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the inside of the housing to be sure you have received the correct merchandise.

TV Series Sportslighting



IMPORTANT SAFETY INSTRUCTIONS

(For Your Protection, Read Carefully)

- This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances.
- Proper grounding is required to ensure personal safety. Be certain green lead from the fixture is connected to supply ground.
- Use approved connectors for all electrical connections.
- Be certain the green lead from the fixture is secured to ground.
- ALL work should be done by a qualified electrician.
- **WARNING:** NEVER disconnect any component while power supply is engaged.

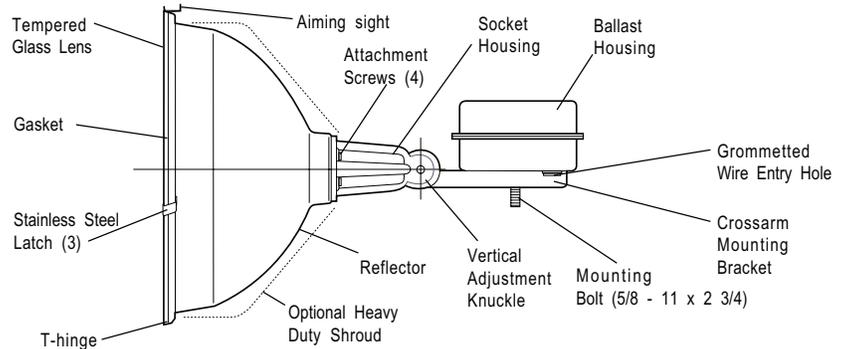
Prior to Installation

Read carefully before installing light fixtures. If you do not understand these instructions, please contact your local Lithonia/Hi-Tek distributor before installing.

This fixture consists of 2 components. Be sure you have received:

- Ballast Housing (includes socket)
- Optical Assembly (reflector and glass lens)

INSTALLATION



1. Mount ballast/socket housing assembly to desired bracketry. (Mounting bolt hardware by others.)
2. Make supply connections through wire entry hole. The fixture may be crossarm mounted or tenon mounted. TVTS tenon slipfitter required.

NOTE: On the 120V and 277V systems, connect voltage supply lead to fixture lead marked with voltage marker, then connect neutral supply lead to fixture marked COM. On other voltage systems, connect one supply lead to fixture lead marked with proper voltage and connect other supply lead to fixture lead marked COM. On multiple voltage fixtures, insulate all unused fixture leads individually.

OPTICAL ASSEMBLY READY TO BE MOUNTED TO SOCKET HOUSING

3. Refer to the table below to be sure the optical assembly is the proper type for your ballast/socket housing assembly.
4. Remove top right screw from socket housing. Orient reflector so the aiming sight is pointed up and the hinge is pointed down. Push reflector against the socket housing so the three remaining screw heads pass thru the large end of the keyhole slots. Rotate the reflector so the screw heads are in the narrow end of the keyhole slots. Install top right screw and tighten all four screws.

BALLAST/SOCKET HOUSING CAT. NO.	OPTICAL ASSEMBLY CATALOG NO.				
	NEMA TYPE				
	2	3	4	5	6
GENERAL PURPOSE					
TV 400S N* HSG	GP23A	GP23A	GP20A	GP20A	GP20B
TV 1000S N* HSG	GP23E	GP23E	GP23A	GP23C	GP23D
TV 400M N* HSG	GP23E	GP23A	GP20A	GP20B	GP20B
TV 1000M N* HSG	GP23E	GP23A	GP20A	GP20A	GP20B
TV 1500M N* HSG	GP23E	GP23A	GP20A	GP20A	GP20B
HEAVY DUTY					
TV 400S N* HSG	HD23A	HD23A	HD20A	HD20A	HD20B
TV 1000S N* HSG	HD23E	HD23E	HD23A	HD23C	HD23D
TV 400M N* HSG	HD23E	HD23A	HD20A	HD20B	HD20B
TV 1000M N* HSG	HD23E	HD23A	HD20A	HD20A	HD20B
TV 1500M N* HSG	HD23E	HD23A	HD20A	HD20A	HD20B

* The number that appears in this position in the catalog number of the ballast/socket housing (see label on housing) identifies the fixture's NEMA designation. Locate this number in the above table and read down the column to find the corresponding optical assembly catalog number.

5. Place the lens frame hinge "T" in the hinge slot. Close the lens assembly against the reflector, making sure the gasket is seated properly. The three stainless steel latches should be approximately 120° apart. Snap the latches over the lip of the reflector to secure the lens assembly. Tighten hinge safety screws.

LAMP INSTALLATION

Prior to installing the lamp (not included) in the fixture, check to make sure the lamp is the correct source and wattage. Unsnap the three stainless steel latches and allow the lens assembly to swing open, making sure the lens frame hinge pin stays in the hinge on the bottom of the reflector. Screw the lamp securely into the socket, back it out one or two turns, and tighten it securely again. This procedure properly seats lamp in the socket. Close the lens assembly (see Step 5).

WARNING Recheck to be sure proper fixture voltage lead has been selected to match the supply voltage before energizing. Improper wiring may result in ballast failure and void all warranties.

MAINTENANCE Your Hi-Tek fixture is designed for years of trouble-free operation. For optimum performance, periodically clean reflector and lens with a soft, damp rag. **IMPORTANT: DO NOT** use abrasive materials, glass cleaner or other solvents on lens or paint. Use only mild, soapy water.

CAUTION Observe lamp manufacturer's recommendations and restrictions on lamp operations, particularly ballast type, burning position, etc.

TROUBLESHOOTING

If this fixture fails to operate properly, check to make sure:

- The correct lamp is properly installed.
- The lamp is not faulty.
- The line voltage at the fixture is correct.
- The fixture is wired correctly.
- The fixture is grounded correctly.

If all these variables have been checked and the fixture still does not operate as specified, contact your local Lithonia Lighting distributor.