

TRITON



AC Triton

Input voltage range is 115 to 277 VAC, 50-60 Hz
Input current is 1.4 amps @ 115 VAC, 0.6 amps @ 277 VAC

All Versions

Correlated Color Temperature: 5000
Color Rendering Index: 75

AC Triton

White: Neutral
Black: Line
Green: Safety Ground

The ground (green) conductor is not internally connected to either the neutral (white) or line (black) conductors. The ground conductor must be connected to a suitable safety ground in compliance with applicable electrical codes. The electrical supply must be externally protected by a fuse or circuit breaker suitable for the intended operating current.

DC Triton

White: + 12 or + 24 VDC (Positive)
Black: -12 or -24 VDC (Negative)

The positive (white) and negative (black) conductors are electrically isolated from the Triton housing. Due to the high power of these lights extra attention should be paid to the selection of the wire size. A maximum voltage drop of 1 volt is recommended. (As an example, a 12 volt light located 20 feet from the power source would require #12 AWG wire – consult the ABYC voltage drop table or other reference for the correct distance / wire gauge combinations). The electrical supply must be externally protected by a fuse or circuit breaker suitable for the intended operating current and wire gauge.

Light Head Assembly

The Triton Light Head Assembly is designed for OEM use. This light requires an area of 14" x 5 1/2" for mounting. Make sure adequate space is available on the mounting surface before drilling holes. (see back) Drill a 1/2" through hole in the center of the mounting position for the power wires to pass. This light arrives with 4 temporary plastic wings nuts on each of the 4 corner bolts. Remove the wing nuts and use the 4 remaining 10-24 machine screws with your choice of nuts. Or, replace the 4 corner bolts with your choice of #10 tapping screw. (Stainless Steel hardware is recommended)

Pole Mount/Bracket Mount

Pole Mount - This light comes equipped with a 3/4" NPT flange for easy adapting to many standard configurations.
Bracket Mount - This light comes equipped with a rotational mounting bracket intended for mounting to flat surfaces. Mounting hardware can be substituted but it is recommended that Stainless Steel hardware be used regardless of fastener type.

Surface Mount

This light requires an area of 14" x 5 1/2" for mounting. Make sure adequate space is available on the mounting surface before drilling holes. (see back) Drill a 1/2" through hole in the center of the mounting position for the power wires to pass. This light arrives with 4 temporary plastic wings nuts on each of the 4 corner bolts. Remove the wing nuts and use the 4 remaining 10-24 machine screws with your choice of nuts. Or, replace the 4 corner bolts with your choice of #10 tapping screw. (Stainless Steel hardware is recommended) Apply a small ring of Silicone RTV around the wire exit hole on the rear of the surface mount plate to ensure proper sealing. Make sure when the light is mounted that the Triton badge reads normally. (not upside down) This will ensure proper airflow for cooling.

Semi-Recess Mount

This light requires an area of 17 1/2" x 9 1/2" for mounting and requires a hole 15 1/4" wide by 7 1/4" tall by 1 1/2" deep to be cut into the mounting surface. (see back) Make sure adequate space is available on the mounting surface before drilling holes. After the recess hole is cut, place and use the light assembly to mark the centers of each mounting screw position. Pre-Drill holes appropriately sized for the mounting surface substrate to accommodate the #10 self-tapping screws. Apply a bead of Silicone RTV around the entire rear flange of the recess mount and around mounting screw holes to ensure proper sealing. Connect the power wires, position, and use the 8 - #10 screws provided to securely mount the fixture in place. Make sure when the light is mounted that the Triton badge reads normally. (not upside down) This will ensure proper airflow for cooling.

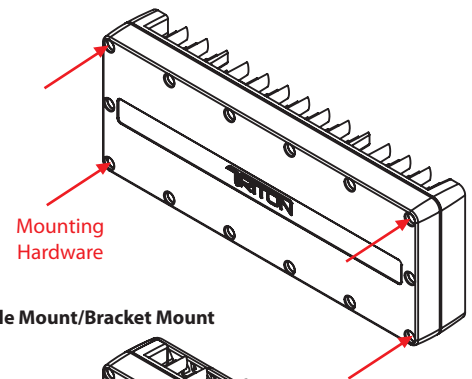
12Volt DC Triton

Voltage is 12VDC ONLY
Current is 13.2A @12VDC

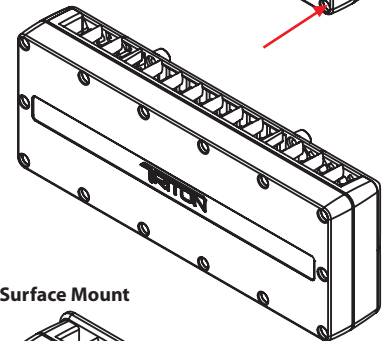
24 Volt DC Triton

Voltage is 24DC ONLY
Current is 6.6A @ 24VDC

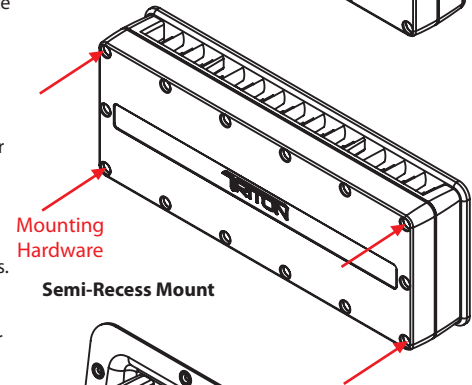
Light Head Assembly



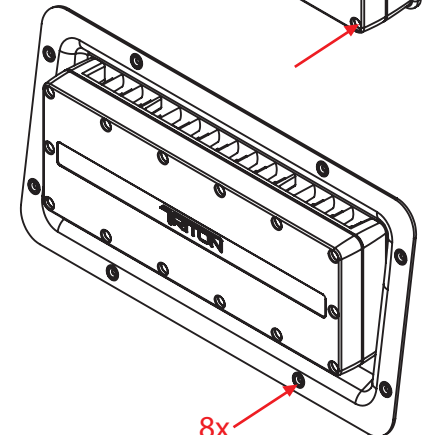
Pole Mount/Bracket Mount



Surface Mount



Semi-Recess Mount

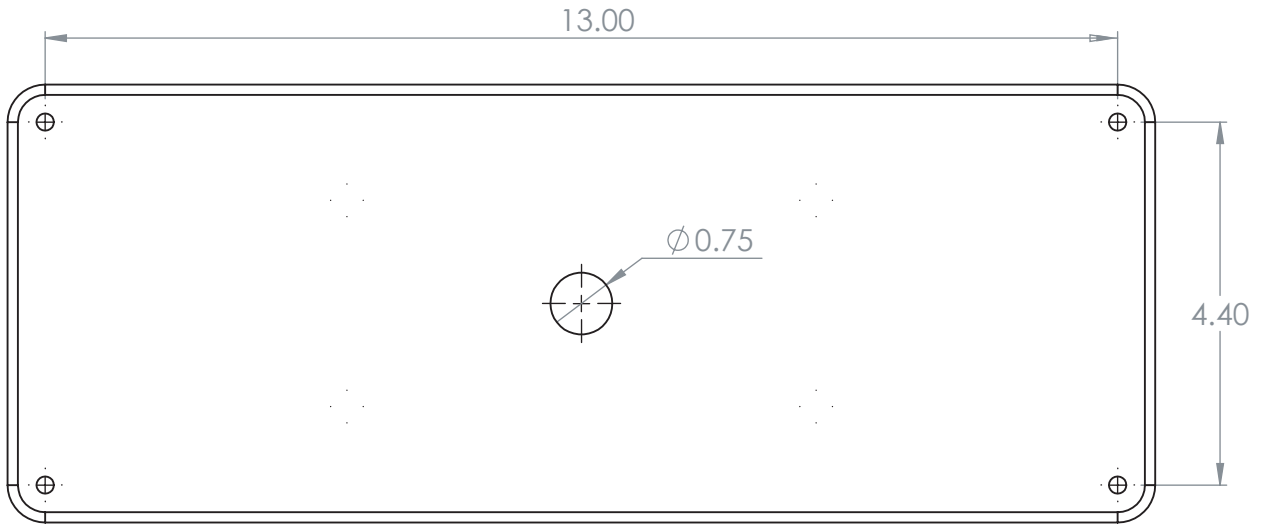


8X
Mounting
Hardware



LUMITEC

Light Head Assembly & Surface Mount Mounting Hole Locations



Semi-Recess Mount Mounting Hole Locations

