

Instructions for Installation: C-10534 Tonic Sconce

Lamping Specifications: Integrated LEDs (6 watts) 120v thru 277v input voltages IMPORTANT! AT ALL TIMES WIRING TO BE DONE PER NATIONAL ELECTRIC CODES (NEC) OR APPLICABLE LOCAL CODES

IMPORTANT | CAUTION READ ALL INSTRUCTIONS THOROUGHLY. TURN OFF POWER AT CIRCUIT BREAKER OR FUSE BOX BEFORE PROCEEDING.



Figure 1



Figure 2

Step 1 Carefully unpack fixture and remove the two knobs and the mounting bracket from the back plate of the fixture. Turn off power at the circuit before proceeding.

Step 2 Install the mounting bracket into position over the outlet box. Orient the bracket so that the threaded studs are aligned in a vertical position. Attach fixture mounting bracket to the outlet box using screws provided. (See Figure 1)

Step 3 Make wire connections between fixture and supply wires at the outlet box. Connect black fixture wire to black supply wire (load typical); white fixture wire to white supply wire (neutral); attach fixture ground wire to ground wire or ground screw. Use wire connectors provided and push connections inside outlet box. (See Figure 2)

Step 4 Align the fixture back plate with the mounting bracket and secure the fixture to the mounting bracket with the decorative knobs. (See Figure 3)

Step 5 Restore power to circuit and illuminate lamps.

REMOTE DIMMING OPTION

This fixture can be dimmed when combined with a remotely installed OSRAM OPTOTRONIC OT-DIM module (available separately from Boyd Lighting) and dimmer controls that are compatible with 0-10v dimming.

Please ask your Boyd representative about dimming specifications and control systems that are required. See page 3 for wire diagrams and additional dimming information.



Figure 3



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GLASS REPLACEMENT INSTRUCTIONS

In order to replace the glass accent on the fixture it will be necessary to remove the fixture from the installation on the wall and will require some disassembly of the fixture.

Step 1 If the fixture is installed on the wall turn off power at circuit breaker or fuse box before proceeding. Remove the two knobs at the back plate and carefully lift the fixture away from the mounting bracket on the wall.

Step 2 Disconnect the wires between the fixture and the outlet box and remove the fixture from the installation.

Step 3 Place the fixture on a soft cloth on a sturdy work surface and remove the four screws that retain the back plate to the housing assembly. Carefully remove the back plate from the housing. (See Figure 5)

Step 4 Remove the screws and the cover plate from the fixture housing assembly. Removing the cover plate will provide access and visibility of the screws that retain the glass into the housing assembly. (See Figure 6)





Step 5 Carefully loosen and remove the two screws that retain the glass accent piece into the housing assembly. Remove the screws and lock washers completely from the housing assembly.

Step 6 Remove the glass accent from the fixture housing assembly. The glass is held into place by a retainer bracket assembly and protected by a small pad. (See Figure 6)

Step 7 Prepare the replacement glass accent. Apply the pad to the unfinished (rough) side of the glass. Install the bracket assembly to the finished (smooth) side of the glass.

Step 8 Carefully insert the replacement glass assembly into the housing with the smooth side facing outward, do not push glass too far into the housing as the glass may contact the LED strip and cause potential damage to the LED.

Step 9 Secure the glass accent into the housing with the screws and lock washers. Do not overtighten the screws as this could crack or otherwise damage the glass accent. (See Figure 6)

Step 10 Continue to assemble the fixture components in reverse order and install the fixture back onto the wall.

** See installation instructions on page one for complete details **

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C-10534 LED WIRE DIAGRAM <u>+</u> 0 \bigcirc <u>*</u> SEAMLESS MaaTech ^{pos (+}) __NEUTRAL; WHITE LOAD (HOT) BLACK : NEG (-): \subset TTT ± 0 * 0 NEG (-) SEAMLESS

FOR LED DIMMING APPLICATION

This LED technology can be dimmed when combining the OSRAM OPTOTRONIC OT-DIM module and dimmer controls that utilize low voltage (0-10v) dimming. Use in conjunction with a compatible 0-10v dimmer control. Compatible 0-10v dimer controls are available from leading companies such as Lutron, Leviton and Lightolier. This dimmer control type is sometimes referred to as 5 wire dimming.

CONNECT THE DIMMING CONTROL WIRES

Connect the (PURPLE) fixture wire to the positive (+) dimmer control wire. Connect the (GRAY) fixture wire to the negavive (-) dimmer control wire.

What is 0-10v (zero to ten volt) dimming?

Used as an early fluorescent dimming system and still used today, 0-10v dimming has been adapted to become a reliable LED dimming control protocol. 0-10 volt is one of the earliest and simplest electronic lighting control signaling systems; simply put, the control signal is a DC voltage that varies between zero and ten volts. The controlled lighting should scale its output so that at 10 volts, the controlled light should be at 100% of its potential output, and at 0 volts it should be at the lowest possible dimming level.



BOYD LIGHTING · 30 LIBERTY SHIP WAY SUITE 3150 · SAUSALITO CA 94965 TEL 415.778.4300 · FAX 415.778.4319 · BOYDLIGHTING.COM