

60S⁹ STEP LIGHT



INSTALLATION GUIDE

ABBA LIGHTING USA

60S

STEP LIGHT

CERTIFICATE:



MATERIAL:

HEAVY DUTY
STAINLESS
STEEL

WATERPROOF
RATING:



G4 BULB
(SOLD SEPARATELY)



2700K



3000K



4000K



5000K



RGBCW

ABBA LIGHTING USA

Thank you for choosing our high-quality product. To ensure the best possible experience, please take a moment to carefully read and follow all instructions before assembly, installation, and use. Doing so will not only guarantee proper function and safety but also help you maximize the full potential of this exceptional product. We truly appreciate your business and are honored to be your trusted provider of top-notch products!



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WEBSITE



CATALOG



(800) 360-2960



ABBALightingUSA@gmail.com



7701 Alabama Ave, Canoga Park, CA 91304

WARNING

TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS:

- ✓ Please exercise caution when using the lamp, as it tends to HEAT up rapidly. We recommend taking necessary safety measures to ensure optimal usage.
- ✓ For your safety, please refrain from touching the HOT lens, guard, or enclosure. We recommend waiting for the product to cool down before handling it.
- ✓ To prevent any fire hazards, please ensure that the lamp is kept away from materials that may easily catch fire. We appreciate your cooperation in maintaining a safe and secure environment.
- ✓ For safety reasons, we recommend that only a qualified professional install this electrical product.
- ✓ Before attempting to install this unit, ensure all power connections are off for your own safety.

WARRANTY

- We stand behind the quality of our product and offer a 2 year warranty. Kindly ensure that you keep the proof of purchase as it will be required for any warranty claims.
- Warranty will be void if there is any damage due to improper usage or modification to the fixture.
- Failure to comply with the instruction in this manual may increase the risk of damage or injury and will void warranty.



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DO NOT INSTALL WITHIN 10 FEET OF A POOL, SPA OR FOUNTAIN

STS09 Stainless Steel Deck Light – Modern, Durable Outdoor Illumination

The STS09 Stainless Steel Deck Light from Abba Lighting USA is a sleek and dependable outdoor accent light designed to bring subtle, high-quality illumination to deck surfaces, patios, and other exterior spaces. Crafted with a rugged stainless steel housing, this fixture combines contemporary design with reliable performance — offering both functional lighting and visual enhancement to outdoor environments.

Designed for recessed installation, the STS09 sits nearly flush with the surface, preserving the clean lines of decks and walkways while providing consistent light output that enhances both visibility and ambiance. It delivers smooth, efficient illumination that improves safety around transitions and gathering areas without dominating the visual landscape.

This deck light is built to perform in outdoor conditions, making it a great choice for designers and homeowners alike who want refined lighting that complements modern architecture and landscape design.

Accent & Safety Lighting

Soft illumination enhances nighttime visibility on steps, paths, decks, and patios.



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G4 Bulb Compatibility

Designed to accept a G4 base lamp, giving you flexibility in choosing bulb wattage and color tone (bulb not included and must be purchased separately).

Stainless Steel Construction

Stainless Steel body offers natural corrosion resistance and a classic finish that weathers gracefully outdoors.

12V Low-Voltage Operation

Works with standard low-voltage landscape lighting systems for safe, energy-efficient performance.

Surface Mount

Installs level with deck or surface material for a refined and integrated appearance.

Outdoor-Ready Design

Built to withstand moisture, temperature changes, and outdoor exposure for reliable all-season use.



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Versatile Placement

Ideal for deck perimeters, patio edges, walkways, and other low-level landscape lighting applications.

Specification	Details
Model	STS09
Material	Stainless Steel
Bulb Type	G4 Base (sold separately)
Operating Voltage	12V Low Voltage
Mounting Type	Surface Mount
Weather Rating	IP65 Outdoor-rated
Recommended Use	Decks, patios, walkways



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Ideal Applications

- Stair riser illumination for improved safety
- Accent lighting for deck and patio perimeters
- Pathway highlighting in landscape settings
- Soft, low-level lighting around garden edges
- Transitional lighting between outdoor zones

Why Choose the STS09 Stainless Steel Deck Light?

The STS09 is an excellent choice when you want a stainless steel, surface-mount deck/step light that remains serviceable and customizable over time. Because it uses a replaceable G4 bulb, you can match output and color to the project, simplify maintenance, and keep a consistent look across the installation—all while maintaining a clean, low-profile appearance outdoors



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STEP-BY-STEP INSTALLATION INSTRUCTIONS

To ensure optimal performance and maximum safety, use this fixture **ONLY** with a low-voltage landscape transformer.

The transformer reduces standard household voltage from 120V to 12V, making it safe and suitable for outdoor applications.

1. Open the Fixture

- Loosen and remove the screws.
- Carefully open the fixture to access the interior components.
- Carefully insert a compatible G4 bulb into the socket. This fixture does not include a bulb; G4 lamp is sold separately.

2. Position the Mounting Plate

- Hold the mounting plate against the wall at the desired height and orientation.
- Use a level to ensure the plate is properly aligned (horizontal or vertical as desired).

3. Mark the Drill Points

- With a pencil or marker, mark the screw hole locations through the holes in the mounting plate.

4. Drill Pilot Holes

- Select a drill bit slightly smaller than the mounting screws.
- Drill pilot holes at each marked location.
- Do not drill deeper than the length of the screws.

Concrete Installation:

If installing into concrete or stairs, create conduit raceways inside the formwork using 1-inch dowels and PVC pipe before pouring concrete.

After the concrete cures, remove the dowels and finish the surface of each riser as required.



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STEP-BY-STEP INSTALLATION INSTRUCTIONS

5. Prepare the Electrical Connections

We recommend using WN12 Waterproof Wire Nuts (sold separately) for optimal performance and protection.

a. Strip the Wires

- Strip approximately $\frac{3}{4}$ inch (1.9 cm) of insulation from each wire end.
- Ensure the exposed conductors are clean and free of frayed strands.

b. Align the Wires

- Hold the stripped ends together neatly, with no stray strands crossing.

c. Install the Wire Nut

- Insert the aligned wires fully into the wire nut.
- Twist the wire nut clockwise until snug and secure.
- For additional protection, wrap the connection with electrical tape.

d. Test the Connection

- Gently tug each wire to verify a secure connection.

6. Mount the Fixture

- Align the metal mounting plate with the pilot holes.
- Insert the screws through the mounting plate.
- Tighten evenly using a screwdriver.
- Do not overtighten.
- Confirm the plate is firm, level, and free from wobble.

Deck Installation:

Carefully position the mounting plate within the deck opening before securing.

7. Final Assembly

- Place the top cover of the fixture in position.
- Secure it by tightening the side screws firmly.

8. Power & Testing

- Restore power at the transformer or breaker.
- Turn the system on and verify proper operation.
- Adjust the fixture orientation as desired and re-test.



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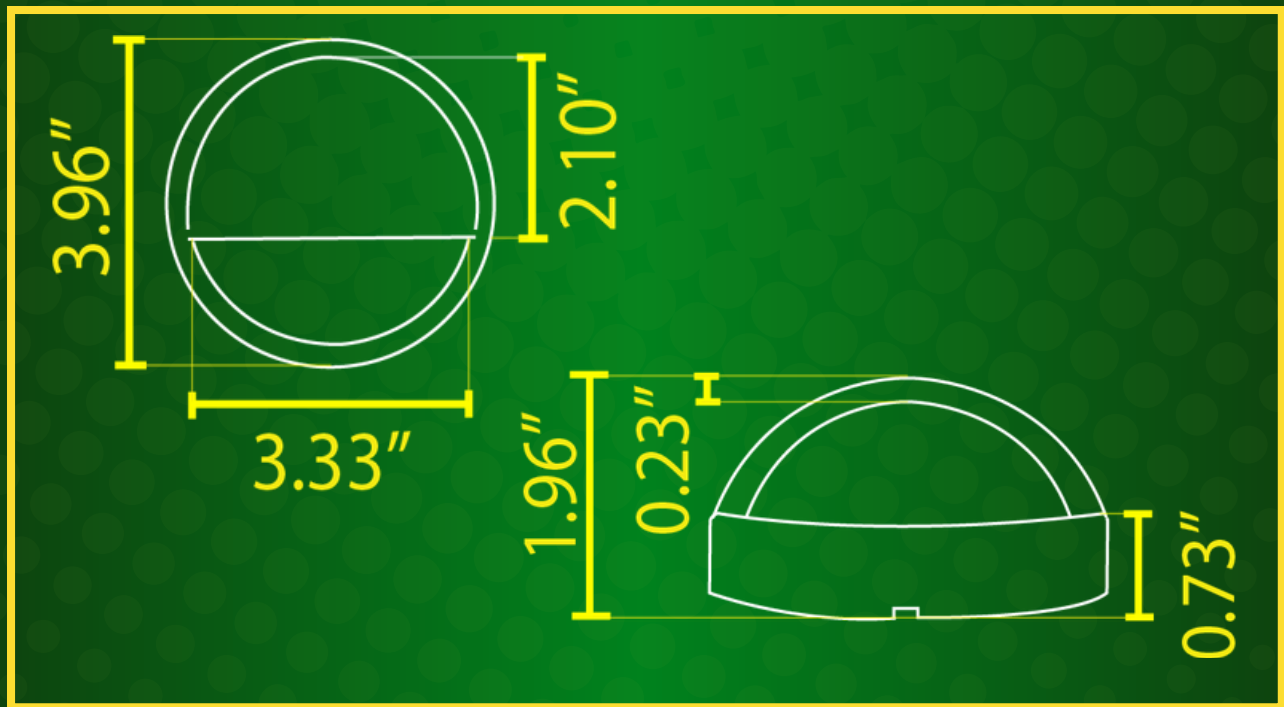


WN12

WN12

MAIN LINE

Attach the wires from the fixture(s) to the main cable, For best results, we recommend using WN12 waterproof wire nuts (which are sold separately)



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MAINTENANCE TIPS

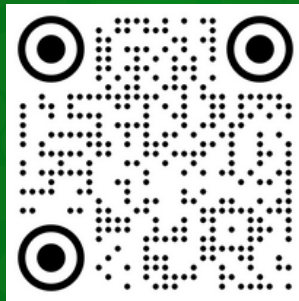
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.

SAFETY PRECAUTIONS

- Always wear appropriate safety gear, such as gloves and safety glasses, during installation.
- Ensure the mounting surface is capable of supporting the weight of both the bracket and the lighting fixture.

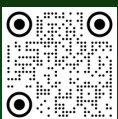
ADDITIONAL RESOURCES

For a detailed video tutorial on how to install, visit our YouTube channel and search for "STS09"



Please visit our website for more of our products.

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