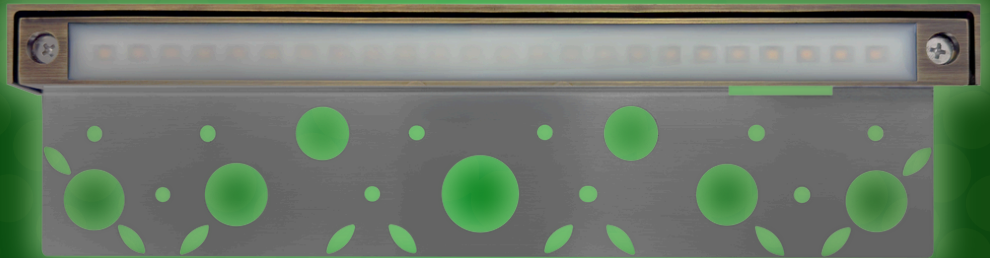


STB20

HARDSCAPE LIGHT



INSTALLATION GUIDE

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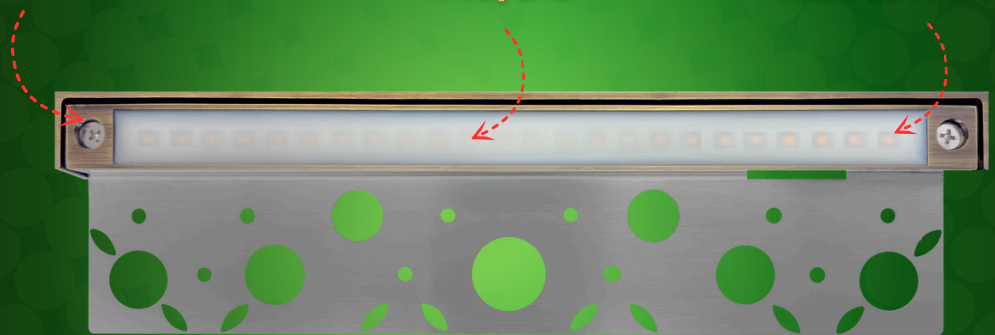
STB20

HARDSCAPE LIGHT

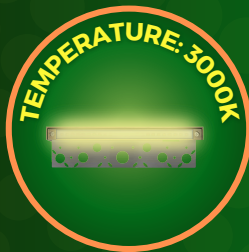
HEAVY DUTY
CAST BRASS

4W 12V
AC/DC

HEAT
RESISTANT

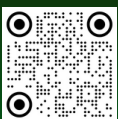


*CONSTANT CURRENT LED DRIVER



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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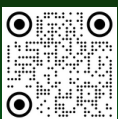
WARNING

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

STB20 Integrated Aluminum Hardscape/Edge Light – Sleek, Durable, and Perfect for Outdoor Ambiance

Illuminate your outdoor environments with precision and style using the STB20 Integrated Aluminum Hardscape/Edge Light by Abba Lighting USA. Expertly engineered for versatility and durability, this low-profile LED fixture is an ideal solution for lighting walls, steps, patios, outdoor kitchens, retaining walls, and more. Whether you're a landscape architect, lighting professional, or homeowner looking to upgrade your outdoor space, the STB20 offers unmatched functionality and aesthetics.

Engineered for Outdoor Performance

Constructed from Heavy Duty Cast Brass, the STB20 is built to handle the challenges of outdoor environments. The Brass body provides superior resistance to corrosion while maintaining a lightweight structure. The fixture is finished in a textured bronze powder coating, enhancing its ability to withstand moisture, UV exposure, and physical wear without compromising its refined look.

Integrated LED Technology for Modern Efficiency

At the heart of the STB20 is a high-efficiency integrated LED system, operating on AC/DC 12V low-voltage power. This integrated setup eliminates the need for separate lamp installations and ensures consistent, long-lasting illumination. Emitting a warm 3000K color temperature, the light produces a soft, inviting glow that's ideal for creating ambiance in residential and commercial landscapes.



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LED Highlights:

- Voltage: 12V AC/DC (Low Voltage)
- Color Temperature: 3000K (Warm White)
- Integrated Driver: Stable performance and reduced maintenance
- Energy Efficiency: Low power consumption while delivering reliable brightness
- Even Light Distribution: Minimizes glare and eliminates hotspots for a uniform lighting experience

Compact and Discreet Design

The STB20 features a slim, linear profile that allows it to blend seamlessly into various architectural and landscape elements. Its size and shape make it perfect for concealed installations under capstones, countertops, benches, steps, and deck rails. Despite its compact size, it provides ample illumination to enhance safety and accentuate the texture and depth of hardscape materials.

Quick and Flexible Installation

Designed with installers in mind, the STB20 includes a stainless steel mounting bracket that enables fast, secure attachment to multiple surfaces. Its low-voltage configuration ensures safety during installation and allows for flexible placement in a wide range of landscape lighting systems.

Installation Benefits:

- Stainless Steel Bracket Included for easy surface mounting
- Compact Design fits tight and discrete spaces
- No Rewiring Needed during LED replacement
- Compatible with Standard 12V Transformers



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Weatherproof & Reliable

Outdoor lighting must withstand the elements, and the STB20 is up to the task. Rated IP65, the fixture is protected against dust ingress and water jets from any direction. This makes it highly reliable in rain, humidity, and dusty environments. Whether placed near pool decks, garden walls, or along walkways, it delivers consistent performance throughout the seasons.

Key Protection Features:

- IP65 Waterproof Rating: Resists water intrusion from rain and irrigation
- Sealed Housing: Keeps internal components protected
- UV-Resistant Coating: Prevents fading and wear due to sunlight exposure

Ideal Use

- The STB20 is engineered for a wide range of architectural and landscape applications. Its focused beam and clean lines make it perfect for:
 - Step and Stair Lighting – Improve visibility and safety on outdoor staircases
 - Retaining Wall Lighting – Highlight the texture of stone or block walls
 - Under-Cap Lighting – Seamlessly integrate lighting beneath wall caps and ledges
 - Bench and Seat Walls – Add elegance to seating areas with warm illumination
 - Outdoor Kitchen & Countertops – Illuminate prep and serving areas
 - Decks and Patios – Create mood and define space with edge lighting



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Technical Specifications

- Model: STB20
- Material: Heavy Duty Cast Brass
- Finish: Textured Bronze Powder Coat
- Power: Integrated LED (12V AC/DC)
- Color Temperature: 3000K (Warm White)
- IP Rating: IP65
- Mounting: Stainless Steel Bracket (included)
- Application: Hardscape/Edge Lighting
- Installation Type: Surface-mounted under caps, benches, ledges, etc.

Why Choose the STB20 Integrated Hardscape Light?

- Durable Aluminum Construction ensures long-term resistance to corrosion
- Elegant Finish complements both modern and traditional landscape designs
- Integrated LED system delivers uniform, energy-efficient lighting
- Weatherproof Design suitable for all outdoor conditions
- Fast Installation with included stainless steel bracket
- Perfect for a Variety of Hardscape Applications

Bring structure, ambiance, and safety to your outdoor living spaces with the STB20 Integrated Aluminum Hardscape/Edge Light. Trust Abba Lighting USA for professional-grade lighting solutions that are engineered to perform and designed to impress.



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INSTALLATION GUIDE FOR STB20

SAFETY INFORMATION

- Ensure all power is turned off before installation or servicing.
- Installation should comply with local electrical codes.
- Low voltage (12V) transformer required (not included).
- Do not install near flammable materials or in enclosed areas with poor ventilation.

INSTALLATION INSTRUCTIONS

Step 1: Choose Installation Location

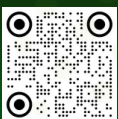
- Select a location on retaining walls, under capstones, benches, steps, or countertops.
- Ensure the surface is clean and dry.

Step 2: Mount the Fixture

- Position the STB20 on the desired surface.
- Secure the mounting bracket using the included screws.
- Ensure the fixture is aligned for optimal light distribution.

Step 3: Route Wiring

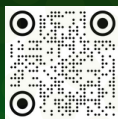
- Carefully route the low-voltage wire to your central transformer.
- Avoid sharp bends and protect wires from mechanical damage.



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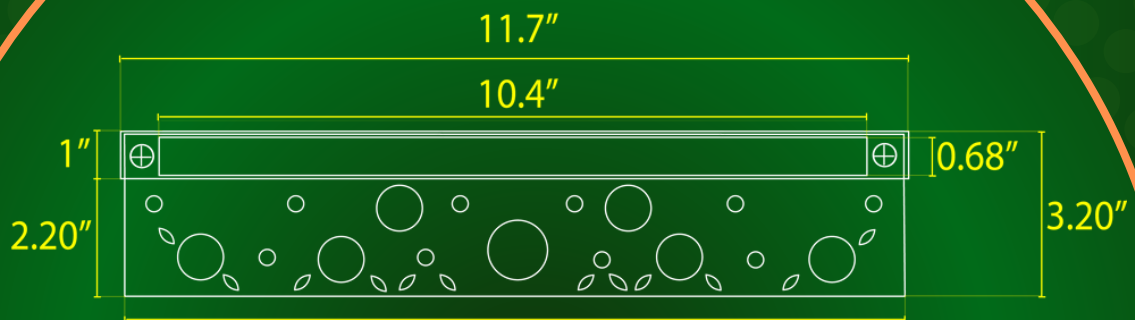
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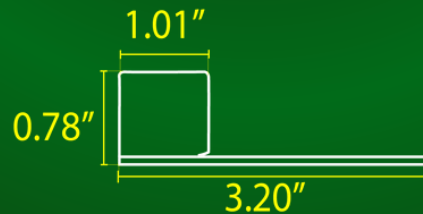
TOP FIXTURE ANGLE



BACK FIXTURE ANGLE



SIDE FIXTURE ANGLE



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MAINTENANCE TIPS

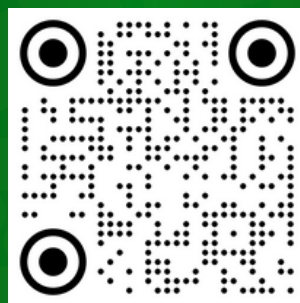
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.
- **Surface Maintenance:** Monitor the mounting surface.

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.

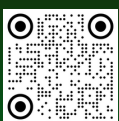
ADDITIONAL RESOURCES

For a detailed video tutorial on how to install, visit our YouTube channel and search for "STB20"



Please visit our website for more of our products.

www.ABBALightingUSA.com



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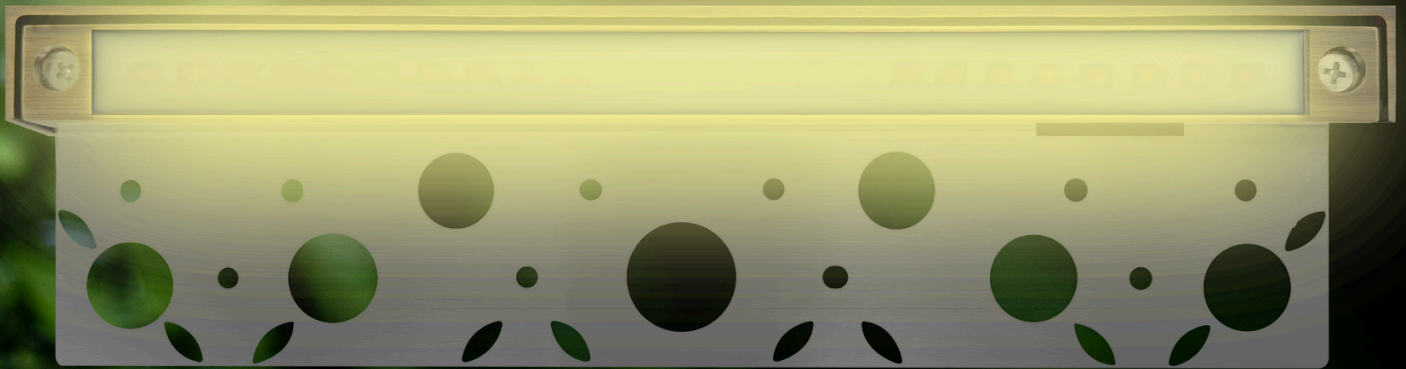
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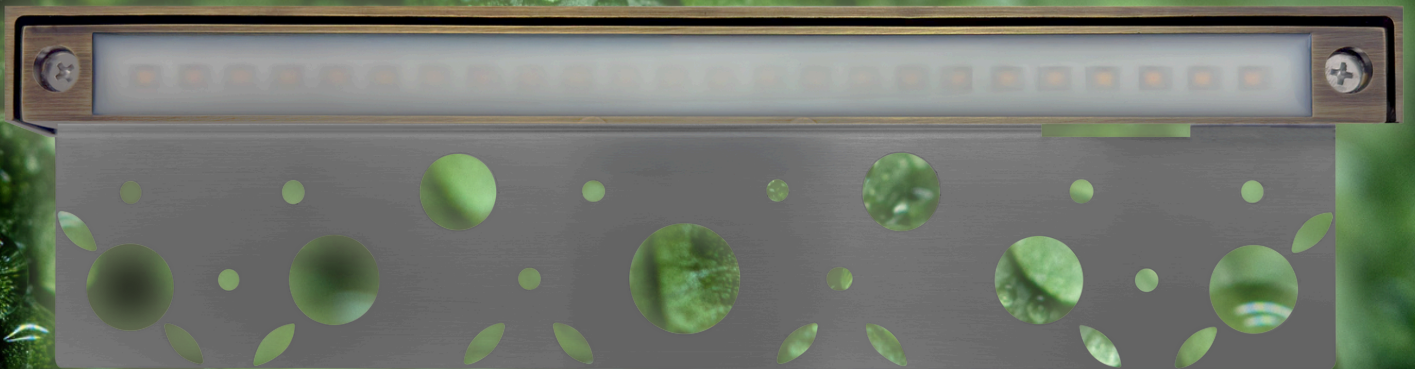
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STB20

HARDSCAPE LIGHT



● 3000K



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