

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [WAC Lighting](#) /
- › [WAC Landscape Lighting LED 12V Small Size Accent Light User Manual](#)

WAC Lighting 5111-30BZ

WAC Landscape Lighting LED Accent Light User Manual

Model: 5111-30BZ

Brand: WAC Lighting

PRODUCT OVERVIEW

The WAC Landscape Lighting LED 12V Small Size Accent Light is a versatile outdoor lighting fixture designed for various landscape applications. It features an adjustable beam angle and integral brightness control, allowing for precise illumination. Constructed from durable K-alloy aluminum, this light is built to withstand challenging outdoor environments. It is factory sealed and water-tight with an IP66 rating, ensuring protection against high-pressure water jets and other outdoor elements. This model provides 3000K Warm White light with a brightness range of 50-420 lumens.



Image: The WAC Landscape Lighting LED Accent Light in a bronze finish, showcasing its compact design and adjustable head.

KEY FEATURES

- **Durable Construction:** Casted using a special K-alloy aluminum engineered for challenging environments. Solid brass coated in bronze is available for enhanced protection against corrosive elements, recommended for coastal or marine use.

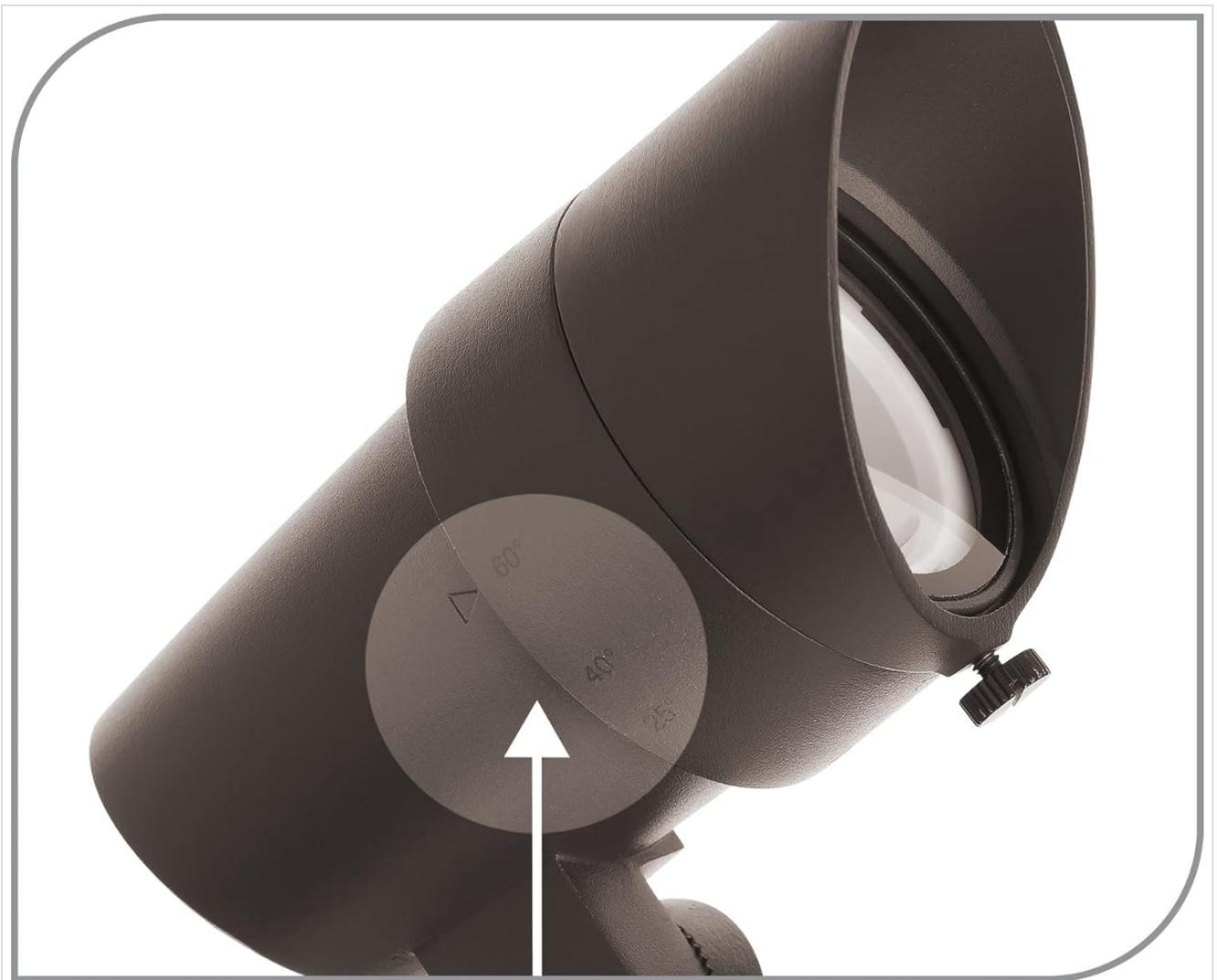
- **Weatherproof Design:** Factory sealed and water-tight with an IP66 rating, providing protection against high-pressure water jets and outdoor elements.



Continuously adjustable
beam angles

Image: The accent light being sprayed with water, demonstrating its IP66 water resistance rating.

- **Adjustable Beam Angle:** A simple twist of the fixture at indexed intervals (15, 30, 45, 60 degree indexes) allows continuous beam angle adjustment from flood to spot.



Continuously adjustable beam angles

Image: A close-up view of the light fixture, highlighting the mechanism for adjusting the beam angle from 15 to 60 degrees.

- **Integral Brightness Control:** A mechanical dial at the base provides smooth integral brightness control.



Image: A detailed view of the light's base, showing the mechanical dial for continuous brightness adjustment.

- **Installation Accessories:** Includes a detachable shroud and a 9-inch mounting spike for 12V fixtures. Comes with a 3ft lead wire and two gel-filled direct burial wire nuts.



Image: The accent light shown alongside its included mounting spike and wire nuts for installation.

- **High-Powered LED:** Input: 9-15V AC, Power: 1-7W (10.5VA), Brightness: 45-365Lm, Beam Angle: 10-50Deg, CRI: 85, Rated Hours: 70,000, CCT: 2700K, 3000K, or 4000K (order accordingly). Smooth and continuous dimming with a Magnetic Low Voltage dimmer (MLV).



Available in Warm 2700K
or Warm White 3000K

Image: A visual comparison of the light output at 2700K (Warm) and 3000K (Warm White) color temperatures.

SETUP AND INSTALLATION

This accent light is designed for low-voltage landscape lighting systems. A magnetic or electronic power supply is required and sold separately. Ensure you have the correct voltage (12V AC) for this fixture. For detailed installation instructions, please refer to the official Installation Manual PDF linked in the Support section.

1. **Prepare the Site:** Choose a suitable location for your accent light. Ensure the ground is stable for spike installation.
2. **Connect Wiring:** Use the provided 3ft lead wire and gel-filled direct burial wire nuts to connect the fixture to your 12V landscape lighting system. Ensure all connections are secure and waterproof.
3. **Mount the Fixture:** Insert the 9-inch mounting spike into the ground at the desired location. Attach the light fixture to the spike. For 120V fixtures (not this model), a separate power stake (Sku# M6000-STAKE) is required.
4. **Adjust Beam and Brightness:** Once installed, adjust the beam angle by twisting the fixture head and control brightness using the mechanical dial at the base to achieve the desired lighting effect.

12V POWER SUPPLY

9075-TRN-SS

9150-TRN-SS

9300-TRN-SS

9600-TRN-SS



Power supply required
sold separately

Image: An example of a 12V power supply unit, which is required and sold separately for this lighting fixture.

OPERATION

Operating the WAC LED Accent Light involves adjusting its light output and beam spread to suit your specific needs.

- **Beam Angle Adjustment:** The fixture allows for continuous beam angle adjustment from a narrow spot to a wide flood. Gently twist the front part of the light fixture. You will notice indexed intervals (15, 30, 45, 60 degrees) that help in precise adjustment. This feature is useful for highlighting specific landscape elements or providing broader ambient light.
- **Brightness Control:** At the base of the fixture, there is a mechanical dial. Rotate this dial to smoothly adjust the light's brightness from its maximum output down to 20%. This allows for fine-tuning the light intensity to match the desired ambiance or visibility.
- **Color Temperature:** This specific model provides 3000K Warm White light. Other models may offer 2700K (Warm) or 4000K (Cool White) options. Ensure you have the correct color temperature model for your application.

Video: Demonstration of the WAC Landscape Lighting Accent & Wall Wash features, including adjustable beam angle and brightness

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your WAC LED Accent Light.

- **Cleaning:** Periodically clean the lens and exterior of the fixture with a soft, damp cloth to remove dirt, dust, and debris. Avoid abrasive cleaners or solvents that could damage the finish or lens.
- **Inspect Wiring:** Annually inspect all wiring connections for any signs of wear, corrosion, or damage. Ensure wire nuts are securely in place.
- **Check Mounting:** Verify that the fixture remains securely mounted and that the spike is firmly in the ground. Adjust if necessary to maintain proper aiming.
- **LED Longevity:** The built-in LED has a rated life of 70,000 hours, minimizing the need for frequent bulb replacement. If the LED fails prematurely, contact customer support for assistance.

TROUBLESHOOTING

If you encounter issues with your WAC LED Accent Light, refer to the following common troubleshooting steps. For a comprehensive guide, consult the official Troubleshooting Guide PDF linked in the Support section.

- **Light Not Turning On:**
 - Check the power supply: Ensure the 12V power supply is properly connected and receiving power.
 - Verify wiring connections: Loose or corroded wire connections can prevent the light from operating. Re-secure all connections.
 - Confirm correct voltage: This fixture requires 12V AC. Incorrect voltage (e.g., 120V) will prevent operation or cause damage.
- **Light Flickering:**
 - Check for loose connections in the wiring or at the power supply.
 - Ensure the power supply is adequate for the total wattage of all connected lights.
 - If using a dimmer, ensure it is a compatible Magnetic Low Voltage (MLV) dimmer.
- **Inconsistent Brightness/Beam:**
 - Ensure the brightness control dial at the base is not obstructed and can be freely rotated.
 - Verify the beam angle adjustment mechanism is clean and moves smoothly.

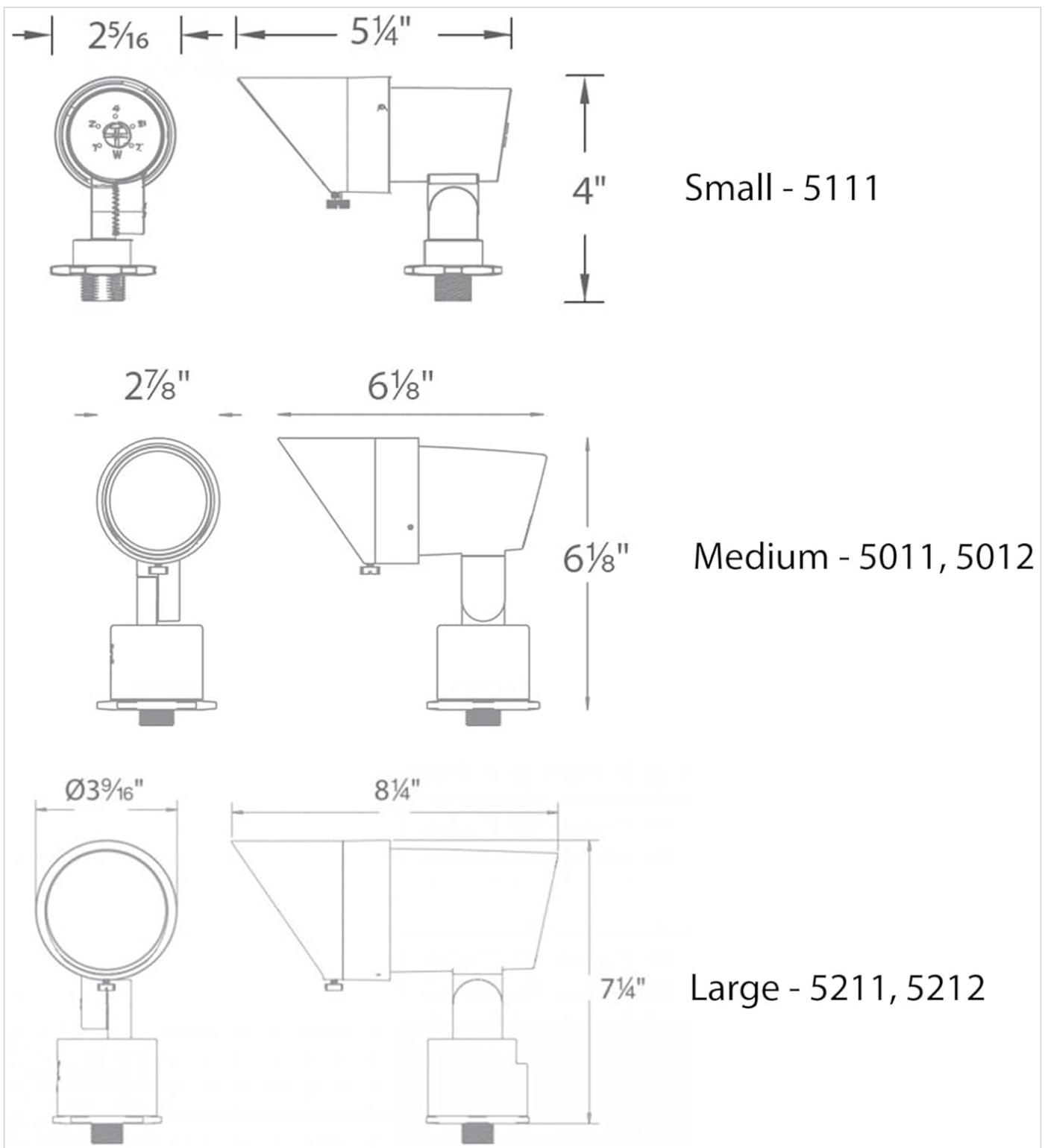


Image: An installed WAC Landscape Lighting Accent Light in a garden bed, demonstrating typical outdoor placement.

SPECIFICATIONS

Attribute	Detail
Brand	WAC Lighting
Model Name	WAC 12V Mini Accent Light
Part Number	5111-30BZ
Color	Bronze

Attribute	Detail
Material	Aluminum, Glass
Style	12V 3000K Warm White LED
Light Fixture Form	Spotlight
Product Dimensions	2.38"L x 5.25"W x 4"H
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	DC (requires external 12V AC power supply)
Voltage	12 Volts
Wattage	7 watts
Brightness	420 Lumen (Small size)
Beam Angle	10-50 Degrees (Adjustable)
CRI	85
Rated Hours	70,000
Water Resistance Level	Waterproof (IP66 Rated)
Item Weight	1.29 Pounds
Included Components	36in 12x2 Direct Burial Wire (Attached), 9in PC Spike, Detachable Shroud, Replaceable LED



Image: Technical drawings illustrating the dimensions of the small, medium, and large accent light models.

WARRANTY AND SUPPORT

WAC Lighting provides comprehensive support for its products.

- **Warranty:** This product comes with a 10-year functional warranty and a 2-year finish warranty.
- **Official Documents:**
 - [Installation Manual \(PDF\)](#)
 - [Troubleshooting Guide \(PDF\)](#)
- **Customer Support:** For further assistance, technical questions, or warranty claims, please visit the official WAC Lighting website or contact their customer service department.

