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WAC Lighting WL-LED300-C-WT

WAC Landscape Lighting LEDme 120V LED Half-Round Step and Wall Light

Model: WL-LED300-C-WT | Brand: WAC Lighting

Introduction

The WAC Landscape Lighting LEDme 120V LED Half-Round Indoor and Outdoor Step and Wall Light is designed to provide efficient and optimized illumination for stairs, walls, and walkways. These luminaires are suitable for both indoor and outdoor applications, offering enhanced energy efficiency and minimal glare.

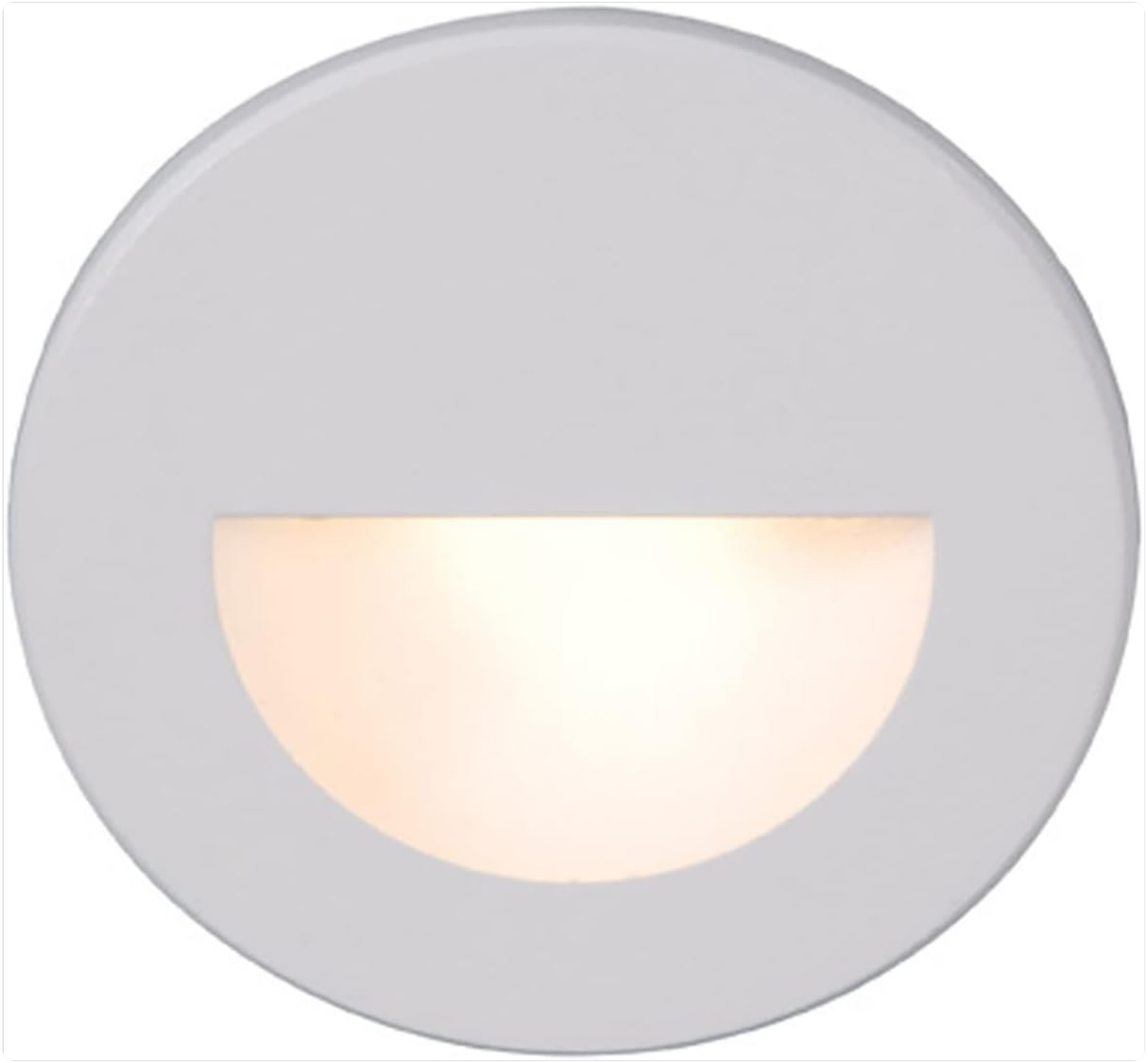

Image: Front view of the WAC LEDme Half-Round Step and Wall Light in white, showcasing its compact and sleek design.

Safety Information

WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Always ensure power is disconnected before installation or maintenance. Installation should be performed by a qualified electrician in accordance with local electrical codes.

Setup and Installation

The WAC LEDme Step and Wall Light is designed for straightforward installation. It includes a 3-inch round by 3-inch depth electrical box with a knockout, allowing for mounting on various surfaces. The fixture fits into a 2" x 4" J-Box with minimum inside dimensions of 3"L x 2"W x 2"D.

For detailed installation instructions, please refer to the official Installation Manual (PDF) provided by the manufacturer. A link to this document is available in the product information.

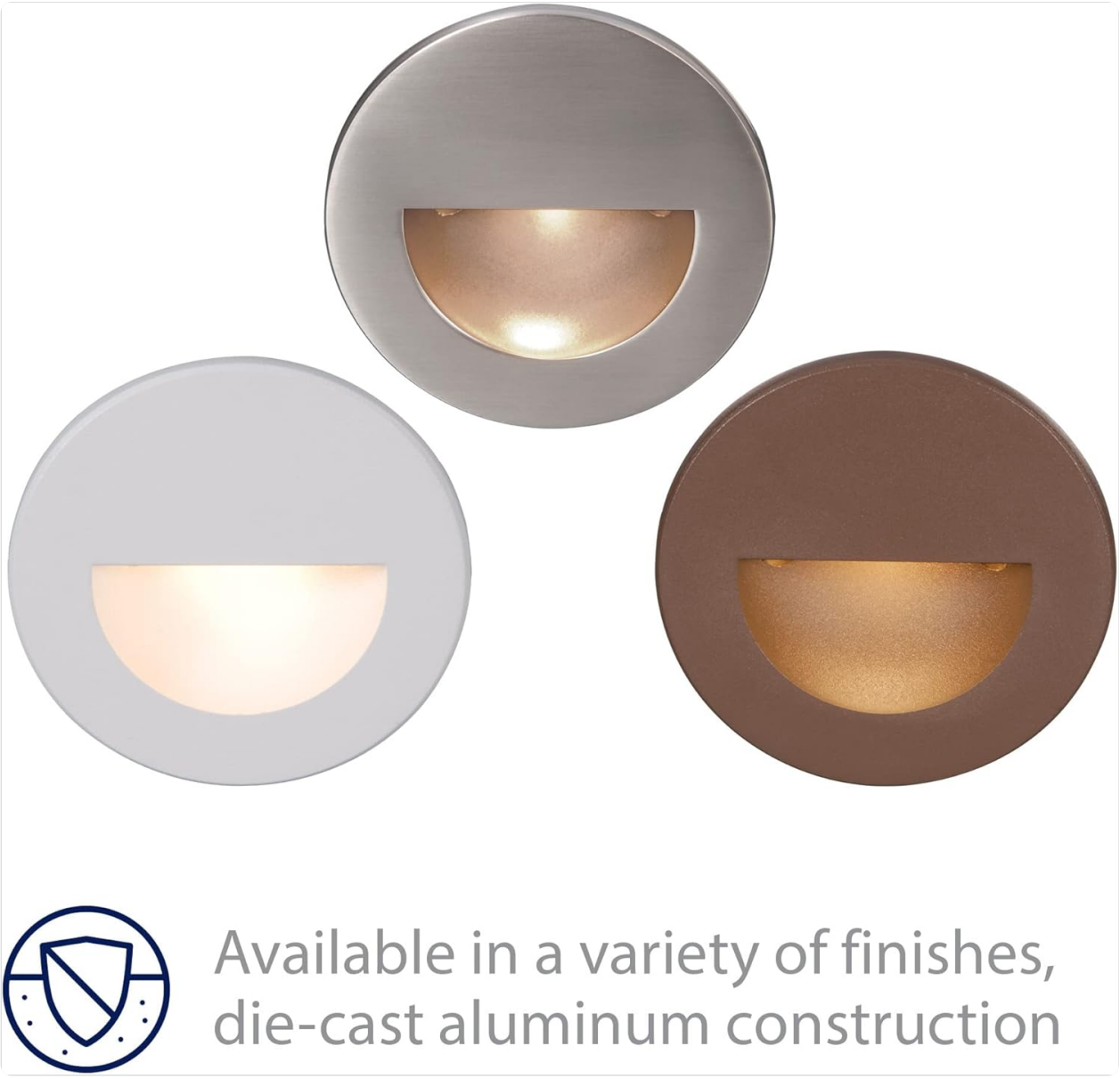

Image: Diagram illustrating how the light mounts to a round housing with an electrical knockout, and that the housing and mounting bracket are included.

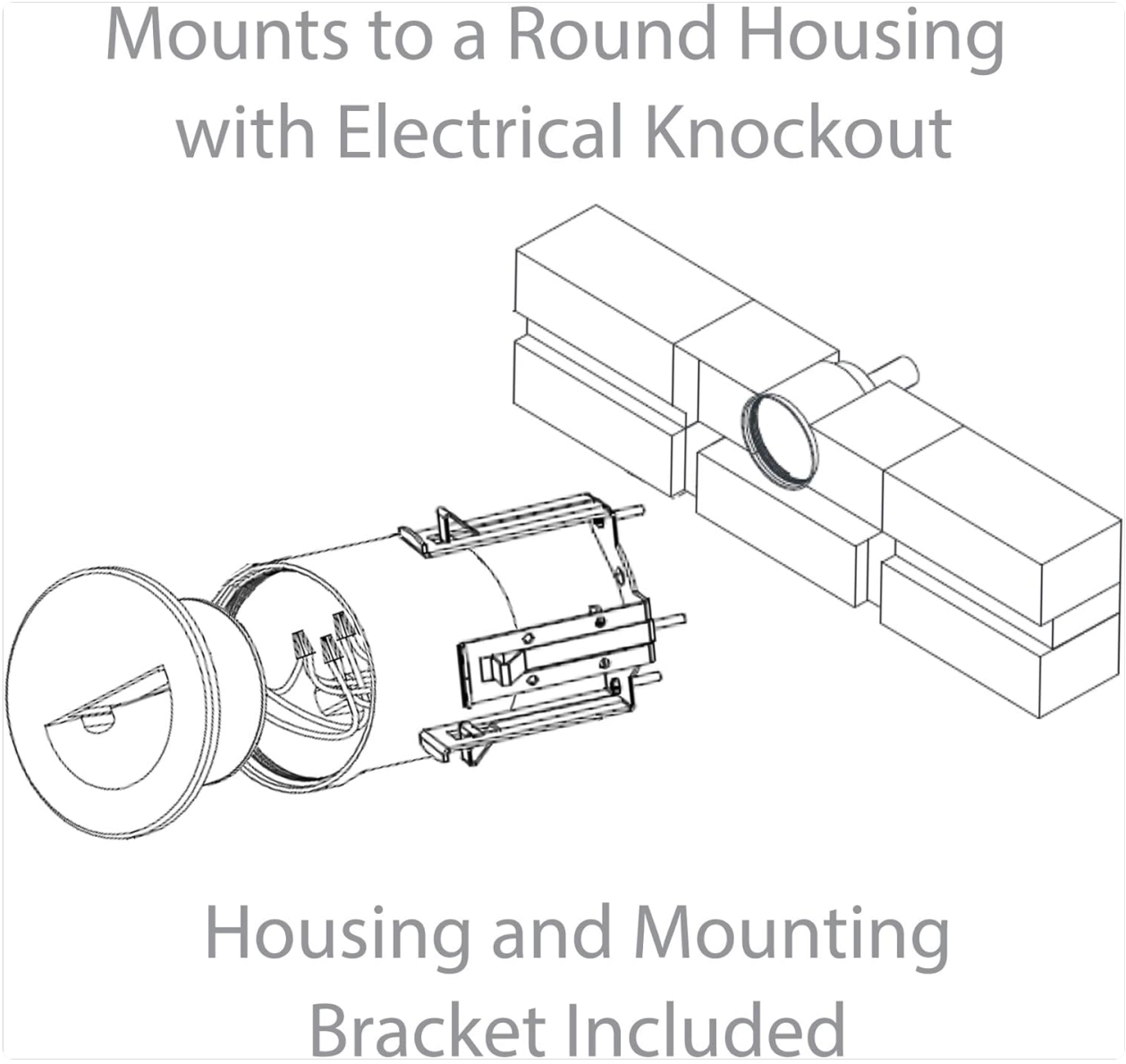

Image: Technical drawing showing the precise dimensions of the WAC LEDme Half-Round Step and Wall Light, including its length, width, and height, as well as the required cutout dimensions.

Operating Instructions

This LED step and wall light operates on 120V AC power. It features a 3000K warm white LED, providing a comfortable and inviting light output. The fixture is designed for smooth and continuous dimming down to 10% when used with a compatible Magnetic Low Voltage (MLV) dimmer (sold separately).
The light is suitable for both indoor and outdoor use, offering versatile application options for various spaces such as gardens, lawns, entrances, pathways, driveways, backyards, steps, and walls.

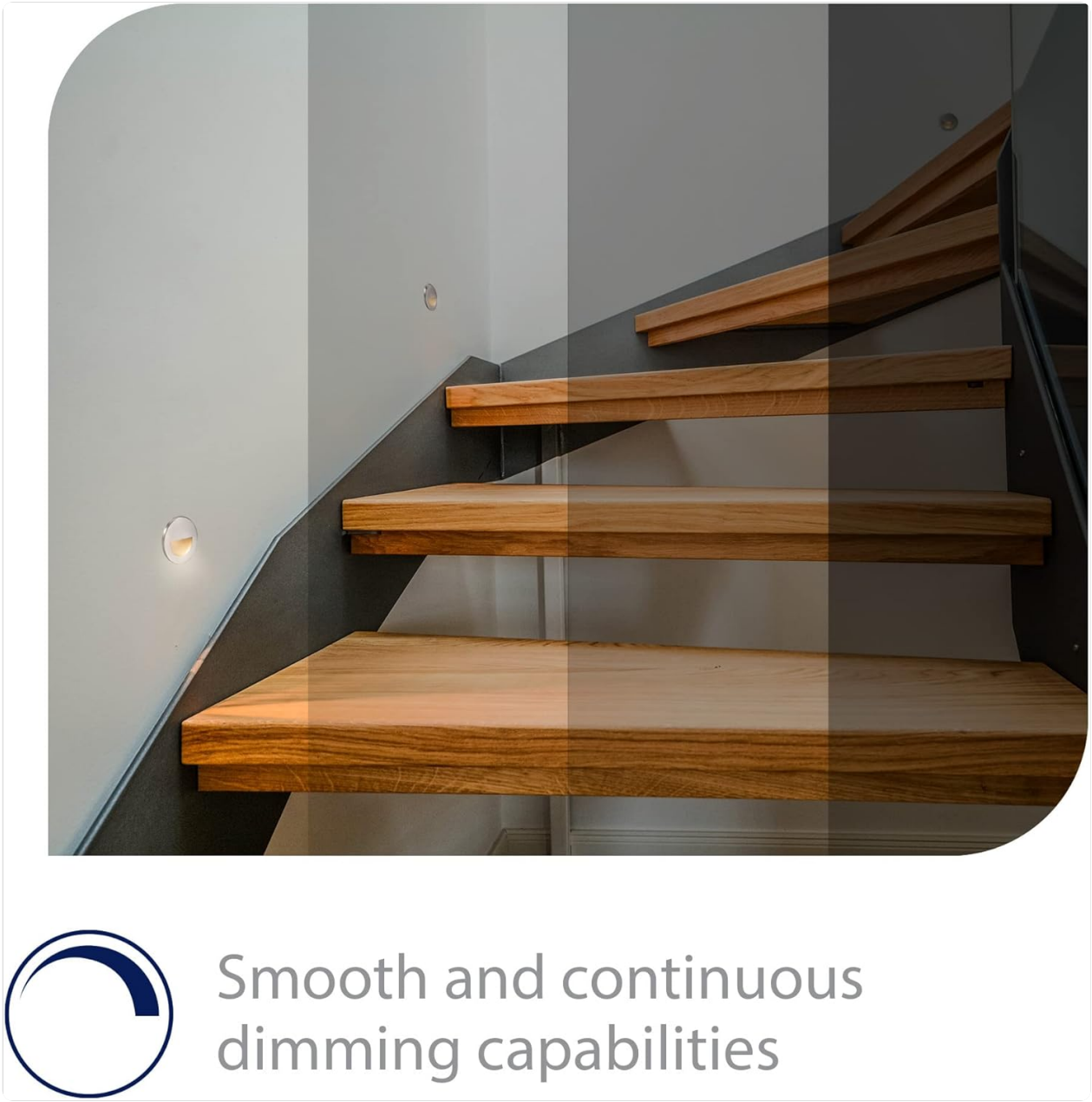

Image: A staircase illuminated by multiple WAC LEDme lights, with a visual overlay demonstrating the smooth and continuous dimming capabilities of the product.

Maintenance

The WAC LEDme light is engineered for durability and minimal maintenance. It is factory sealed, water-tight, and IP66 rated, providing robust protection against high-pressure water jets and various outdoor elements. The housing is casted from a special K-alloy aluminum, designed to withstand challenging environments over time.

For enhanced protection against corrosive elements, especially in coastal or marine environments, stainless steel (-SS) or solid brass coated in bronze (-BBR) finishes are available. The LED component is replaceable, ensuring long-term usability.

Image: A split image showing the WAC LEDme lights installed in both an indoor staircase setting and an outdoor step setting, highlighting their durable finish and suitability for interior and exterior use.

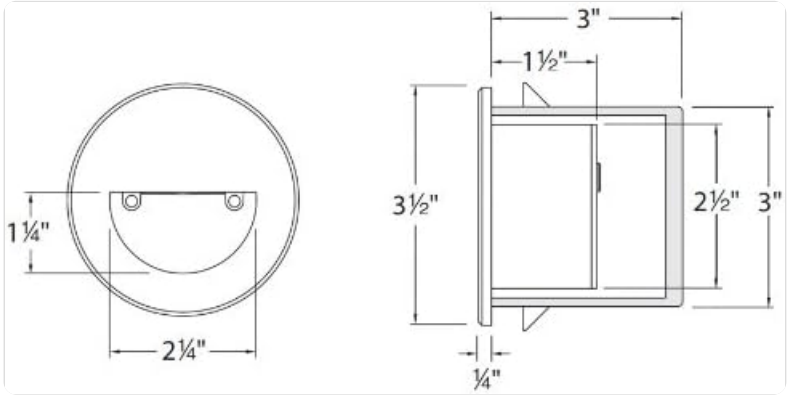

Image: Three WAC LEDme Half-Round Step and Wall Lights displayed in different finishes (white, brushed nickel, and bronze), illustrating the variety of available options and their die-cast aluminum construction.

Troubleshooting

If you encounter any issues with your WAC LEDme Step and Wall Light, please consider the following general

troubleshooting steps:

- **No Light Output:** Ensure the power supply is connected and active. Check the light switch and any associated dimmers for proper operation. Verify all electrical connections are secure.
- **Dimming Issues:** Confirm that the dimmer being used is a compatible Magnetic Low Voltage (MLV) dimmer. Incompatible dimmers may cause flickering or prevent proper dimming.
- **Intermittent Operation:** Check for loose wiring connections at the fixture or the junction box. Ensure the fixture is not exposed to voltage fluctuations outside its specified range.
- **Physical Damage/Corrosion:** While designed for durability, inspect the fixture for any signs of physical damage or unusual corrosion. If significant corrosion occurs, especially in harsh environments, consider the stainless steel or solid brass options for future installations.

For complex electrical issues or if troubleshooting steps do not resolve the problem, it is recommended to consult a qualified electrician. Do not attempt repairs beyond basic checks if you are not experienced with electrical systems.

Specifications

Feature	Detail
Brand	WAC Lighting
Model Name	WAC 120V Step Half Round
Part Number	WL-LED300-C-WT
Color	White
Style	3000K Warm White LED
Material	Aluminum (Shade Material: Glass)
Product Dimensions	3.5"L x 3"W x 3.5"H
Item Weight	15.8 ounces
Indoor/Outdoor Usage	Indoor, Outdoor
Power Source	AC
Voltage	120 Volts
Wattage	3.8 watts (2W (3VA) operating)
Brightness	Up to 68Lm (110 Lumen listed elsewhere)
CRI	90
Rated Hours	60,000
Dimming	Smooth and continuous to 10% with Magnetic Low Voltage Dimmer

Water Resistance Level	Waterproof (IP66 Rated)
Standards Met	UL & cUL 1598, IP66, EPA, Energy Star, FCC
Included Components	3in Round by 3in Depth Electrical Box, Hardware, Interchangeable Lens (Clear, Amber, Red, Blue), Replaceable LED, Step Light

Warranty Information

WAC Lighting provides a warranty for this product:

- **Functional Warranty:** 5 years
- **Finish Warranty:** 2 years

Please retain your proof of purchase for warranty claims. For full details and terms, refer to the official warranty documentation provided with your product or contact WAC Lighting customer service.

Support

For further assistance, technical support, or inquiries regarding your WAC LEDme Step and Wall Light, please contact WAC Lighting directly. You can also visit their official store page for more information and resources:

Visit WAC Lighting Store

Additionally, the Installation Manual is available as a PDF document for detailed guidance:

Download Installation Manual (PDF)

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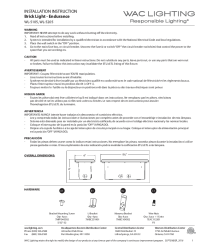
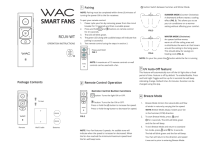
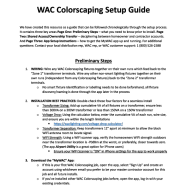
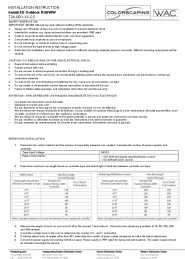
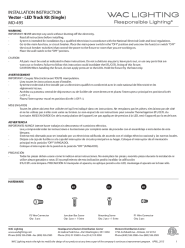
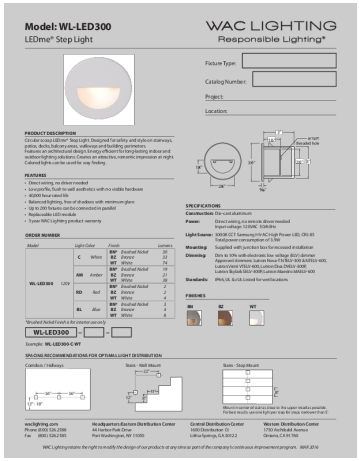
Related Documents - WL-LED300-C-WT

	WAC Lighting Endurance Brick Light WL-5105, WL-5205 Installation Guide Comprehensive installation instructions for the WAC Lighting Endurance Brick Light models WL-5105 and WL-5205, covering brick and wood wall installations.
	WAC RCUV-WT Smart Fan Remote Control Operation Instructions Comprehensive guide to operating the WAC RCUV-WT Smart Fan remote control, covering pairing, fan and light operation, breeze mode, UV auto-off, Wi-Fi settings, and troubleshooting.

	[WAC Mesh Gateway WH-GW1-WT Installation Instructions] Installation instructions for the WAC Mesh Gateway WH-GW1-WT, including powering, configuration, and FCC compliance information.
	[WAC Colorscaping Setup Guide: Installation, App Configuration, and Automation] This WAC Colorscaping setup guide provides step-by-step instructions for installing and configuring smart landscape lighting systems. It details preliminary steps, app setup using the MyWAC app, managing user access (owner/admin accounts), and creating custom automations for your outdoor lighting.
	[WAC Lighting InvisiLED Outdoor RGBWW LED Tape Light Installation Guide (T24-OD1-XX-CC)] This document provides comprehensive installation instructions for the WAC Lighting InvisiLED Outdoor RGBWW LED tape light system, model T24-OD1-XX-CC. It covers essential safety precautions, wiring diagrams, power calculations, maximum run lengths, and various mounting and connection methods for outdoor use.
	[WAC Lighting MO-495 Vector LED Track Kit Installation Instructions] Detailed installation instructions for the WAC Lighting MO-495 Vector LED Track Kit, covering safety precautions, hardware, preparation, and wiring.

Documents - WAC Lighting – WL-LED300-C-WT



[pdf] Specifications Warranty Catalog

Specification Sheet WL LED300 C WT K E Electric Supply Corporation WACLIGE00951 1 images tradeservice ATTACHMENTS DIR100160 |||

Model: WL-LED300 LEDme Step Light Fixture Type: Catalog Number: Project: Location: PRODUCT DESCRIP ... ickel Finish is for interior use only WL-LED300 Lumens 30 33 74 19 21 38 2 2 4 3 4 8 Example: **WL-LED300-C-WT** SPACING RECOMMENDATIONS FOR OPTIMAL LIGHT DISTRIBUTION Corridors / Hallways Stairs...

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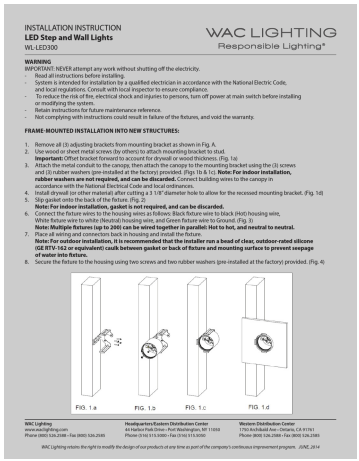

[pdf] Instructions Warranty

Installation Instructions WL LED300 C WT K E Electric Supply Corporation WACLIGINST00224 images tradeservice INSTALLATIONSHEETS DIR100004 |||

INSTALLATION INSTRUCTION LED Step and Wall Lights WL-LED300 WARNING IMPORTANT: NEVER attempt any work without shutting off the electricity. - Read all instructions before installing. - System is intended for installation by a qualified electrician in accordance with the National Electric Code, and l...

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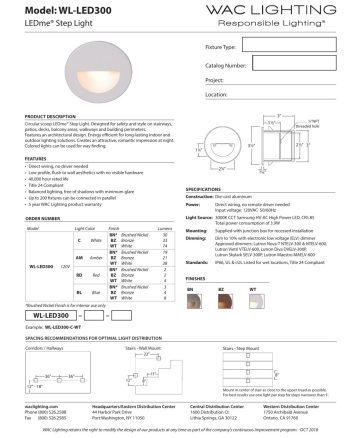

[pdf] Specifications Guide Warranty Catalog

LEDme Round LED Step and Wall Light Specification Guide SpecificationsLEDme City Lights SFledme round led step wall light specification guide fixcdn shopify s files 1 0503 4239 6071 ledme fix |||

Model: WL-LED300 LEDme Step Light Fixture Type: Catalog Number: Project: Location: PRODUCT DESCR ... kel Finish is for interior use only WL-LED300 - - Lumens 30 33 74 19 21 38 2 2 4 3 4 8 Example: **WL-LED300-C-WT** SPACING RECOMMENDATIONS FOR OPTIMAL LIGHT DISTRIBUTION Corridors / Hallways Stairs...

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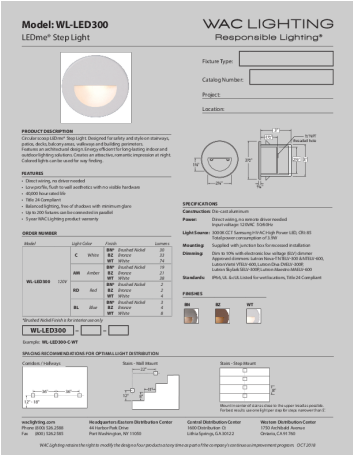

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LEDme Step Lights New indd Spec Sheet WAC Lighting WL LED300 SPSHT waclighting storage images specsheet |||

Model: WL-LED300 LEDme Step Light Fixture Type: Catalog Number: Project: Location: PRODUCT DESCRIP ... ickel Finish is for interior use only WL-LED300 Lumens 30 33 74 19 21 38 2 2 4 3 4 8 Example: **WL-LED300-C-WT** SPACING RECOMMENDATIONS FOR OPTIMAL LIGHT DISTRIBUTION Corridors / Hallways Stairs...

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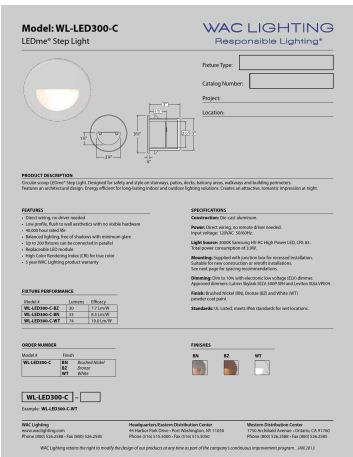

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Model: WL-LED300-C LEDme Step Light 3 12 Fixture Type: Catalog Number: Project: Location: 14 ... r 5 year WAC Lighting product warranty fixture Performance Model # WL-LED300-C-BZ WL-LED300-C-BN **WL-LED300-C-WT** Lumens 30 33 74 Efficacy 7.7 Lm/W 8.5 Lm/W 19.0 Lm/W Specifications Construction: ...

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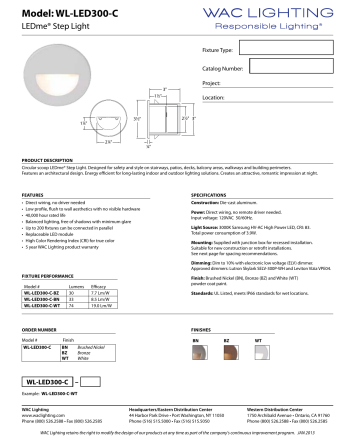

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SpecificationsWAC Lighting Integrated LED Metal Step Light Reviews Wayfair102245assets wfcdn dm document 3a663894 545e b221 1ff5 2613e70c9bea 102245 |||

Model: WL-LED300-C LEDme Step Light 3 12 Fixture Type: Catalog Number: Project: Location: 14 ... 5 year WAC Lighting product warranty fixture Performance Model # WL-LED300-C-BZ WL-LED300-C-BN **WL-LED300-C-WT** Lumens 30 33 74 Efficacy 7.7 Lm/W 8.5 Lm/W 19.0 Lm/W Specifications Construction: ...

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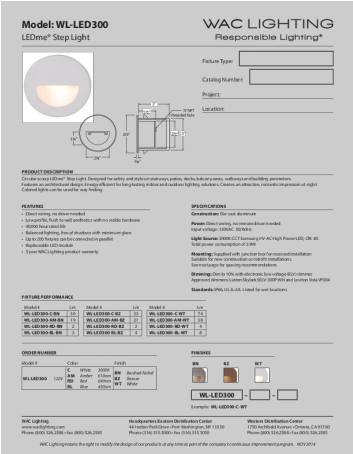

[pdf] Specifications Warranty Catalog

LEDme Step Lights indd WL LED300 SP waclighting 80 sites files product specsheet

Model: WL-LED300 LEDme Step Light Fixture Type: 3 12 Catalog Number: Project: 2 NPT Location: t ... LV-300P-WH and Leviton Vizia VPE04 Standards: IP66, UL cUL Listed for wet locations Model # Lm **WL-LED300-C-WT** 74 WL-LED300-AM-WT 38 WL-LED300-RD-WT 4 WL-LED300-BL-WT 8 ORDER NUMBER Model # ...

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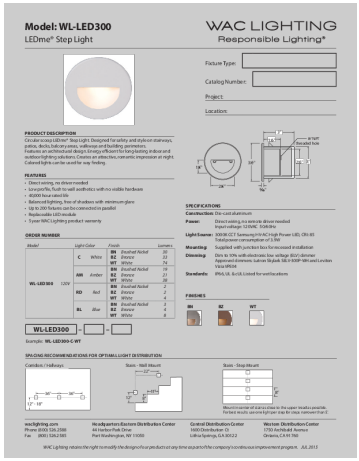

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LEDme Step Lights indd WL LED300 SP 0 waclighting sites files product specsheet

Model: WL-LED300 LEDme Step Light Fixture Type: Catalog Number: Project: Location: PRODUCT DESCRIP ... BN Brushed Nickel BZ Bronze WT White Lumens 30 33 74 19 21 38 2 2 4 3 4 8 WL-LED300 Example: **WL-LED300-C-WT** SPACING RECOMMENDATIONS FOR OPTIMAL LIGHT DISTRIBUTION Corridors / Hallways Stairs...

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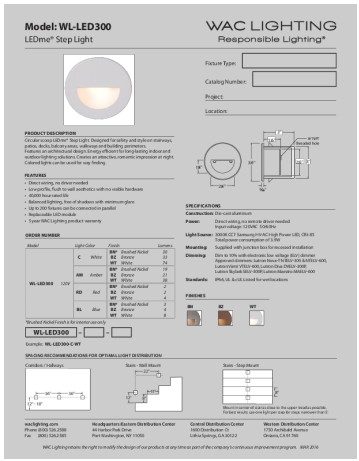

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Model WL LED300 Lighting New York Example C WT Approved dimmers Lutron Nova T NTELV 300 600 Skylark SELV 300P Maestro MAELV Standards SP media lightingnewyork vendors wac specsheet

Model: WL-LED300 LEDme Step Light Fixture Type: Catalog Number: Project: Location: PRODUCT DESCRIP ... ickel Finish is for interior use only WL-LED300 Lumens 30 33 74 19 21 38 2 2 4 3 4 8 Example: **WL-LED300-C-WT** SPACING RECOMMENDATIONS FOR OPTIMAL LIGHT DISTRIBUTION Corridors / Hallways Stairs...

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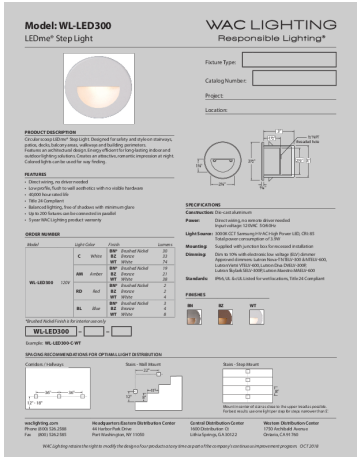

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LEDme Step Lights New indd Specification Sheet DownloadWL LED300 Circular Scoop Light WAC Lightingwl led300 specsheetaqlightinggroup content Spec Sheets wl specsheet DownloadView SheetsWL LightingWAC LIGHTING WL And Wall 1 Dezignswl specsheetWL SPSHTaqlightinggroup specsheetcdn shopify s files 0081 6381 9610 SPSHT v 1626283973 DownloadSpecification LightingWL specsheetwl Specifications LEDme® Metal Lighting w002900668 C BN BZ WTSpecification SheetsWAC AM WT BL RD WTWL Dezignsxdmk4748 specifications 1wl SPSHTsecure img1 ag wfcdn dm document 9c191a58 6a1b 47af b3d9 81d7c35e096e xdmk4748 1aqlightinggroup LightingLEDme and by specsheetspecification sheet 296WL 0591 2484 2705 t 10 assets specification 296 1630744594cdn Integrated LED Reviews WayfairLEDme specsheetxdmk4748 1specification specsheetassets 1cdn |||

Model: WL-LED300 LEDme Step Light Fixture Type: Catalog Number: Project: Location: PRODUCT DESCRIP ... ickel Finish is for interior use only WL-LED300 Lumens 30 33 74 19 21 38 2 2 4 3 4 8 Example: **WL-LED300-C-WT** SPACING RECOMMENDATIONS FOR OPTIMAL LIGHT DISTRIBUTION Corridors / Hallways Stairs...

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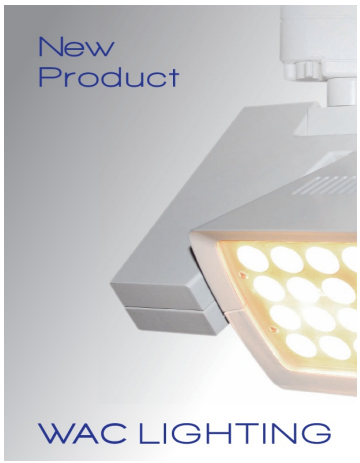

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New Product LEDme LOGOS 120V LED Track Luminaires Defined as good logic, reasoning and the ratio ... 3 32 22 3 24 4 Model WL-LED300-C Finish BN Brushed Nickel BZ Bronze WT White Example: **WL-LED300-C-WT** Spacing Recommendations For Optimal Light Distribution Corridors/Hallways etc. 32 ...

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