

DMS-52

WELL LIGHT



INSTALLATION GUIDE

ABBA LIGHTING USA

DMS-52

WELL LIGHT



3W COB
AC/DC 12V

170 LUMENS



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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CATALOG



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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

DMS52 Integrated Square Stainless Steel Well Light

Modern, Sleek, and Built to Last – A High-Performance In-Ground Lighting Solution

Upgrade your landscape with the sleek and contemporary DMS52 Integrated Square Stainless Steel Well Light from ABBA Lighting USA. Designed for architects, designers, and homeowners who demand both aesthetics and performance, this premium in-ground fixture offers brilliant, focused illumination and enduring strength. Whether you're illuminating pathways, highlighting architectural features, or bringing attention to landscape elements, the DMS52 delivers professional-grade lighting with style.

Built for Performance and Longevity

Crafted from high-grade, corrosion-resistant stainless steel, the DMS52 offers exceptional durability in outdoor environments. It is engineered to withstand moisture, temperature fluctuations, UV exposure, and physical wear. Its square body is modern and unobtrusive, fitting neatly into pavers, concrete, turf, or gravel without interrupting your landscape's visual harmony.

The sealed, IP65-rated housing ensures reliable operation in all weather conditions, providing protection against dust, rain, and even temporary submersion. It's also traffic-rated, making it suitable for use in driveways and areas where foot or vehicle traffic is expected.

Precision Lighting with Integrated LED Technology

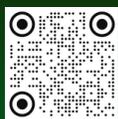
The DMS52 is powered by an energy-efficient 3W COB (Chip-On-Board) LED, designed to deliver powerful yet focused illumination with minimal heat and power consumption. With a 40° beam angle, it provides targeted lighting—perfect for spotlighting trees, architectural columns, garden sculptures, and other focal points.



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Choose between two professional color temperatures:

- 3000K (Warm White): Creates a soft, inviting glow ideal for residential pathways, patios, and cozy garden areas.
- 5000K (Cool White): Offers a crisp, clean light ideal for commercial settings, modern architecture, and areas requiring higher visibility.

With a lumen output of 170 lm, this fixture ensures ample brightness while maintaining energy efficiency—making it ideal for both residential and commercial outdoor lighting projects.

Compact Design & Easy Installation

- Fixture Dimensions: 2" (L) x 2" (W) x 6" (H)
- Included Accessories: Comes with a durable PVC sleeve and a 20" pre-attached wire for easy connection.
- Power Requirement: AC/DC 12V—compatible with most low-voltage transformers.

Installation is simple and clean—whether you're placing it in new hardscaping or retrofitting an existing setup. The integrated design eliminates the need for a separate bulb, reducing maintenance and improving reliability over time.

Technical Specifications

Feature Description

Material: Stainless Steel

Power Consumption: 3W COB LED

Input Voltage: AC/DC 12V



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Color Temp Options: 3000K (Warm White) / 5000K (Cool White)

Lumen Output: 170 Lumens

Beam Angle: 40°

Dimmable: No

IP Rating: IP65 (Outdoor Weatherproof)

Traffic-Rated: Yes

Wire Length: 20"

Ideal Applications

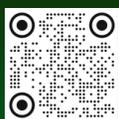
- Driveways and entryways
- Pathway and garden lighting
- Modern landscape accents
- Commercial plazas and exteriors
- Up-lighting architectural features
- Courtyard and poolside illumination

Why Choose the DMS52?

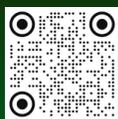
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Benefits of the Integrated LED System:

- **Energy-Efficient:** Uses minimal power while providing excellent brightness.
- **Long Lifespan:** Integrated LED technology reduces the need for frequent replacements.
- **Consistent Light Output:** Provides steady and uniform illumination without flickering or dimming over time.
- **Low Heat Emission:** Operates efficiently without generating excess heat, reducing the risk of overheating in enclosed spaces.

Weatherproof & Built for Outdoor Use

Designed to withstand the elements, the DMS52 Well Light is rated IP65 waterproof, ensuring reliable operation in wet conditions. This high waterproof rating makes it ideal for installations in areas where exposure to moisture is inevitable, such as near pools, water features, or irrigation systems. Whether in rain, snow, or high humidity, this well light continues to perform flawlessly, maintaining its brightness and functionality over time.

Key Weatherproofing Features:

- **Sealed Housing:** Prevents dirt, dust, and moisture from affecting internal components.
- **Temperature Resistant:** Operates efficiently in extreme heat and cold without performance degradation.

Compact & Versatile Design

The DMS52 Well Light is designed to be discreet yet powerful. Its low-profile design makes it perfect for in-ground installations, where the fixture remains mostly hidden while providing effective illumination. This makes it ideal for lighting driveways, walkways, patios, gardens, and architectural elements without obstructing the view or becoming a tripping hazard.



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- Compact & Discreet Design that integrates seamlessly into any landscape.
- Easy Installation with included wire and PVC pipe for added convenience.
- Versatile Application for residential and commercial outdoor lighting needs.

Enhance your outdoor spaces with the DMS52 Integrated Brass Well Light – a perfect blend of durability, efficiency, and elegance. Whether you're lighting up a backyard garden, a commercial landscape, or a high-end architectural feature, this well light is designed to exceed expectations and provide years of dependable performance.

STEP-BY-STEP INSTALLATION INSTRUCTIONS

Safety Precautions

- Ensure the power supply is turned off before installation.
- Follow local electrical codes and regulations.
- Wear protective gloves during installation to avoid injury.
- Do not install in areas prone to excessive moisture unless properly sealed.
- Ensure all connections are waterproof for outdoor installations.

1. Preparing the Installation Site

- Select a location that provides the best illumination while avoiding areas prone to standing water.
- If installing in-ground, dig a hole large enough to accommodate the fixture and the wiring.
- If installing in concrete or hard surfaces, ensure proper mounting sleeves or junction boxes are available.



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2. Wiring Connections

- Turn off the power at the main electrical panel.
- Connect the fixture's low-voltage wires to the main power supply using the provided connectors. Use WN12 (Sold Separately) to Waterproof your connection.
- Secure all wire connections and test for continuity before final installation.
- Use waterproof electrical tape or silicone sealant to protect connections from moisture.

3. Fixture Installation

For In-Ground Installation:

- Place the mounting sleeve (if provided) into the prepared hole.
- Insert the fixture into the sleeve, ensuring it is level and secure
- Use gravel and soil for additional stability.

For Concrete/Hard Surface Installation:

- Secure the fixture using mounting brackets or embedded housing.
- Ensure the fixture is flush with the surface for a clean, professional look.



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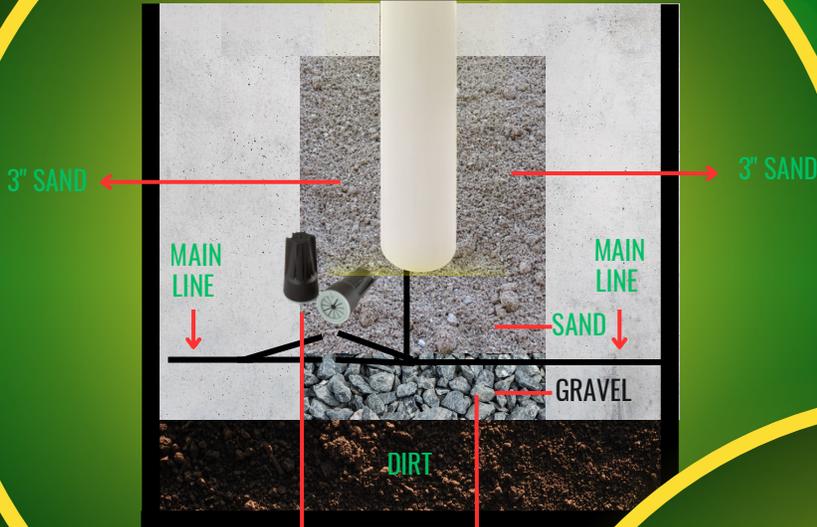
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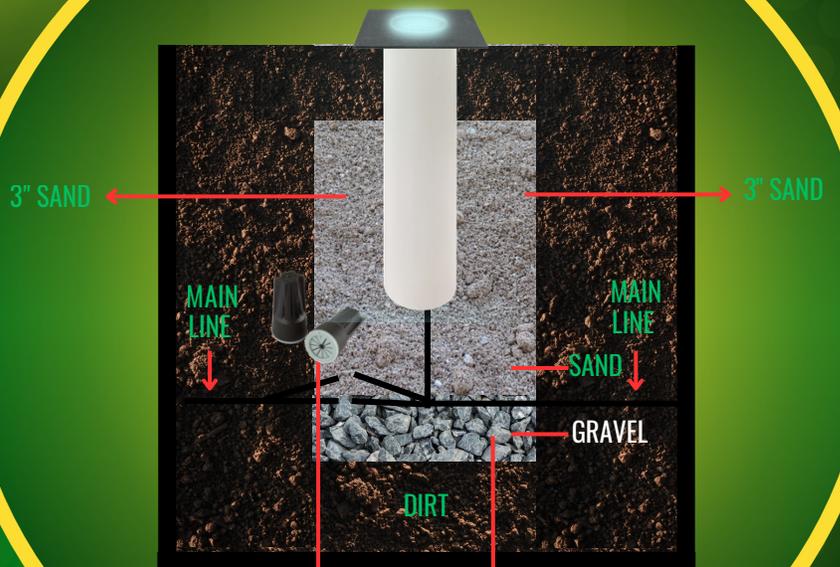
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CONCRETE



WN12 WATERPROOF
WIRE NUTS
(SOLD SEPARATELY)

SOIL



WN12 WATERPROOF
WIRE NUTS
(SOLD SEPARATELY)



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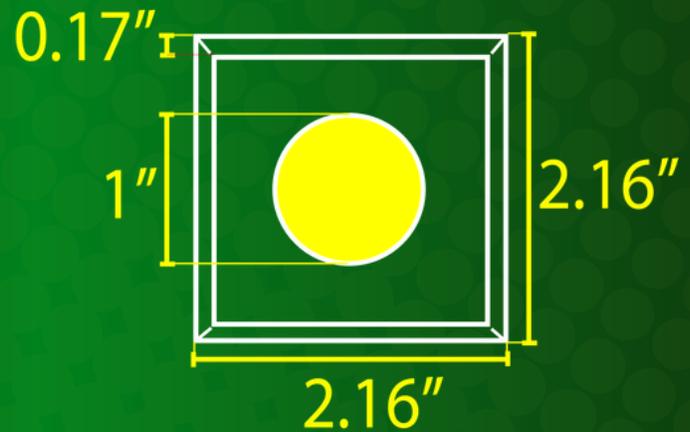
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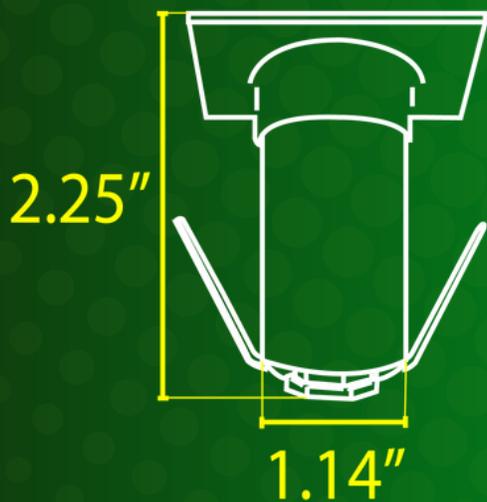
FIXTURE W/ CASE



TOP ANGLE FIXTURE



FIXTURE



CASE



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MAINTENANCE TIPS

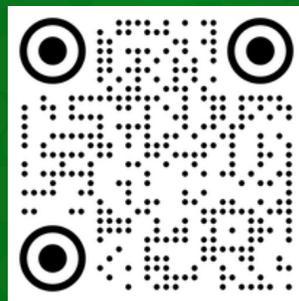
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.

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 "DMS52"



Please visit our website for more of our products.

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