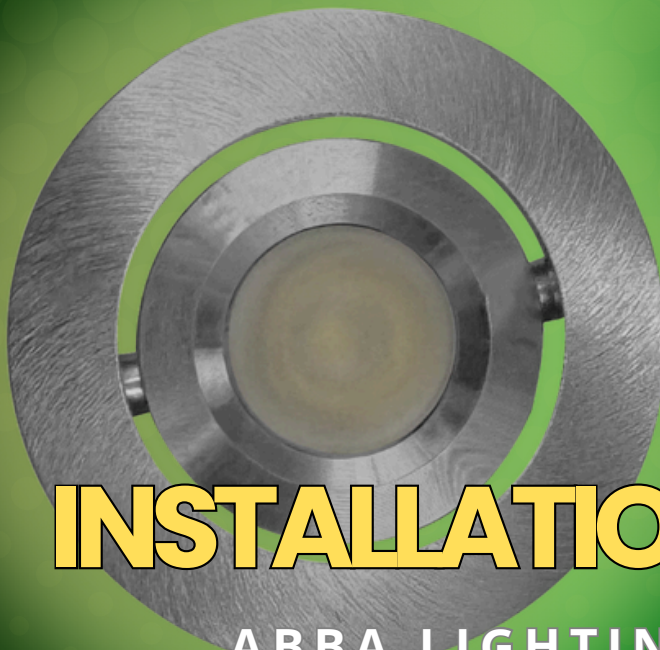
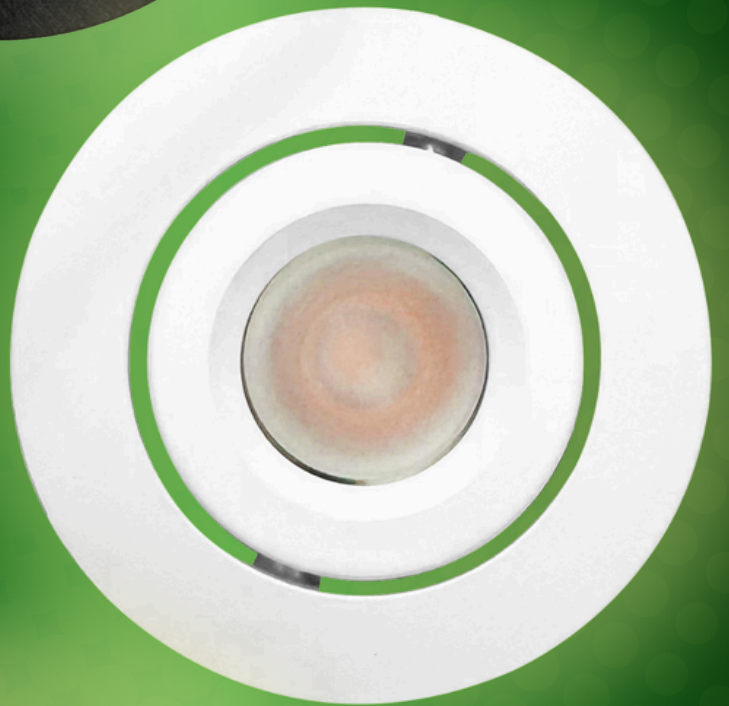


CB05 PUCK LIGHT



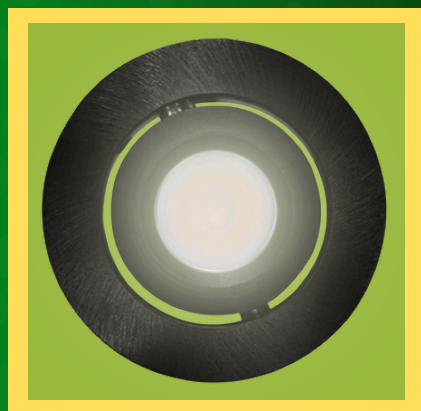
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ABBA LIGHTING USA

CB05 PUCK LIGHT



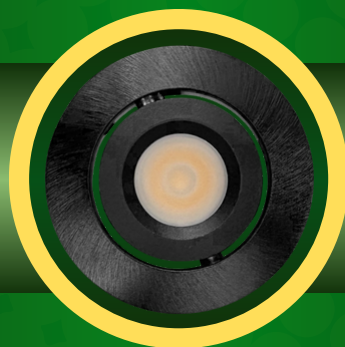
3000K



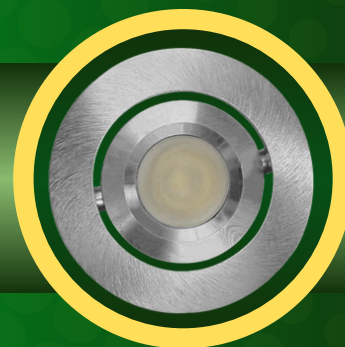
5000K



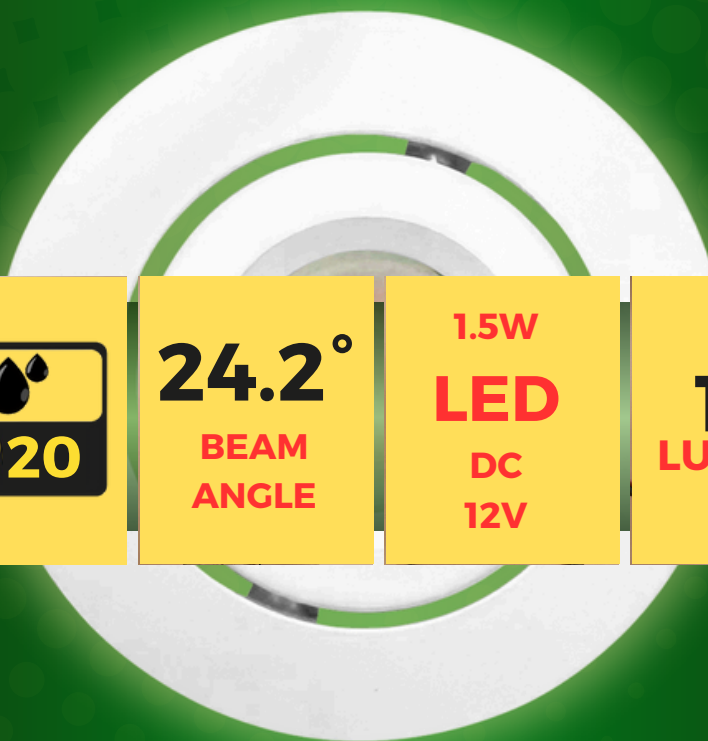
WHITE



BLACK



SILVER



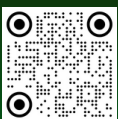
24.2°
BEAM
ANGLE

1.5W
LED
DC
12V

115
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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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

PRODUCT OVERVIEW

Enhance your living and working environments with the CB05 Puck Cabinet Light by ABBA Lighting USA. Meticulously engineered with premium cast brushed aluminum, this compact and versatile lighting solution combines modern aesthetics with superior functionality. Whether you're a homeowner looking to elevate your space or a professional contractor seeking reliable lighting solutions, the CB05 offers the perfect balance of style, efficiency, and durability.

- Premium Build and Design:
- Designed for both recessed and surface-mounted installations, the CB05 boasts a sleek aluminum body available in sophisticated white, black, or silver finishes. Its compact dimensions—2.02 inches in diameter and just 0.80 inches deep—ensure a clean, unobtrusive appearance that integrates seamlessly into any interior.
- Energy-Efficient Performance:
- Featuring a 1.5W DC 12V Chip-On-Board (COB) LED, the CB05 delivers a powerful 115 lumens while maintaining energy efficiency. This advanced lighting technology reduces energy consumption without compromising on brightness, offering long-lasting performance and reduced electricity costs.
- Customizable Light Experience:
- Tailor your lighting to your specific needs with two color temperature options:
 - Warm 3000K Light for a cozy, inviting atmosphere.
 - Cool 5000K Light for crisp, vibrant illumination.
- Focused Beam Angle:
- With a precise 24.2° beam angle, the CB05 is ideal for targeted lighting applications. Highlight decorative items, create accent lighting in display cabinets, or ensure clear visibility on work surfaces.
- Dimmable Functionality:
- Achieve the perfect ambiance with dimmable capabilities. Adjust the brightness to suit your mood, activity, or setting—whether it's soft lighting for relaxation or focused illumination for tasks.



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APPLICATIONS

The CB05 Puck Cabinet Light is a versatile addition to various interior spaces:

- Under-Cabinet Lighting:
- Illuminate countertops and workspaces in your kitchen, making food preparation and tasks safer and more efficient. The CB05 provides even and consistent lighting without harsh shadows.
- Display and Accent Lighting:
- Elevate your display cabinets, bookshelves, or retail showcases with focused lighting that draws attention to art pieces, collectibles, or merchandise. The compact design and sleek finishes ensure the light complements your décor while enhancing the visual appeal.
- Closets and Small Spaces:
- Brighten up closets, wardrobes, and storage areas with reliable, space-saving lighting that helps you find what you need with ease.
- Hallways and Nooks:
- Add a modern touch to hallways or small, dimly lit spaces by integrating these puck lights for both functional and decorative purposes.

TECHNICAL SPECIFICATIONS

- Material: Cast brushed aluminum
- Finish Options: White, Black, Silver
- Power Consumption: 1.5W DC 12V COB LED
- Luminous Output: 115 lumens
- Beam Angle: 24.2°
- Color Temperatures: 3000K (Warm White) or 5000K (Cool White)
- Dimensions: Diameter: 2.02", Depth: 0.80"
- Installation Options: Recessed or Surface-Mounted
- Dimmable: Yes



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TOOLS & MATERIALS NEEDED

Tools:

- Wire stripper (if hardwired)
- Screwdriver
- Tape measure

Materials:

- CB05 Puck Light
- Electrical connectors (for hardwiring)
- Low-voltage transformer (for low-voltage systems)
- WN12 Wire nuts (Sold Separately)



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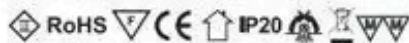
CB05	
Material: Brushed Aluminium Size: Ø52mm*H22mm Hole Dimension: Ø45mm Color: Silver Adjustable Angle: 26 degree up/down	

Material: Brushed Aluminium Size: Ø52mm*H22mm Hole Dimension: Ø45mm Color: Silver Adjustable Angle: 26 degree up/down	Material: Brushed Aluminium Size: 60mm*60mm*H23mm Hole Dimension: Ø50mm Color: Silver Adjustable Angle: 26 degree up/down
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Specification

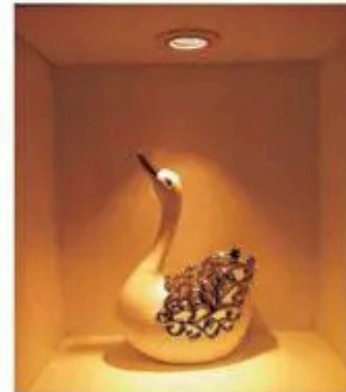
Power consumption	Power Input	Lum@3000K	Flux@1M	CRI
1W	DC350mA	70-80lm	102lx	≥90

If input AC100-240V, need to add external LED driver (DL3501)



Vertical&Horizontal Beamwidth Center Beam Lux

	24.2°	3000K			4000K			6000K		
		Beamwidth	Beamwidth	Beamwidth	Beamwidth	Beamwidth	Beamwidth	Beamwidth	Beamwidth	Beamwidth
0.3m		12.86cm	1231/1315LX	1442/1532LX	1645/1752LX					
1.0m		42.88cm	108/102LX	130/138LX	235/245LX					
1.5m		64.31cm	41/35LX	58/61LX	120/142LX					
2.0m		85.75cm	26/29LX	32/35LX	61/73LX					
3.0m		128.63cm	10/12LX	15/16LX	33/39LX					

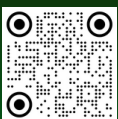


Accessory

LED driver, cable and connector, please refer page 56,60

Applications

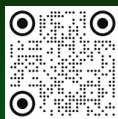
Design for cabinet, showcase, shop area illumination



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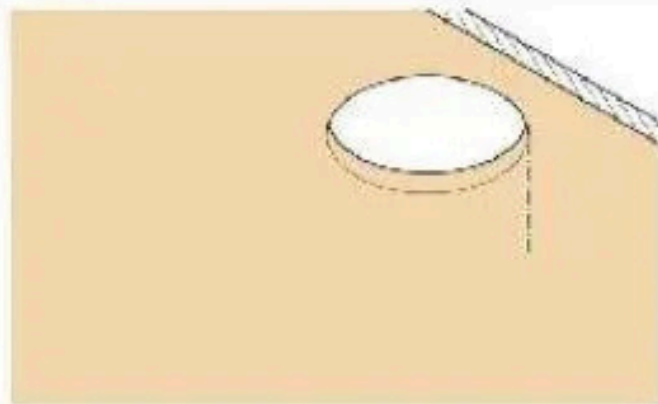
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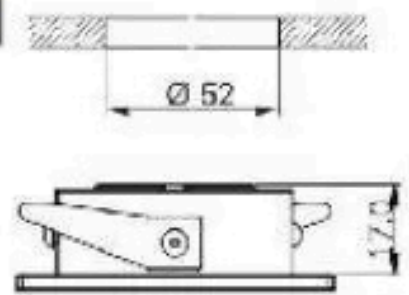
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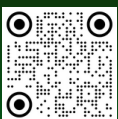
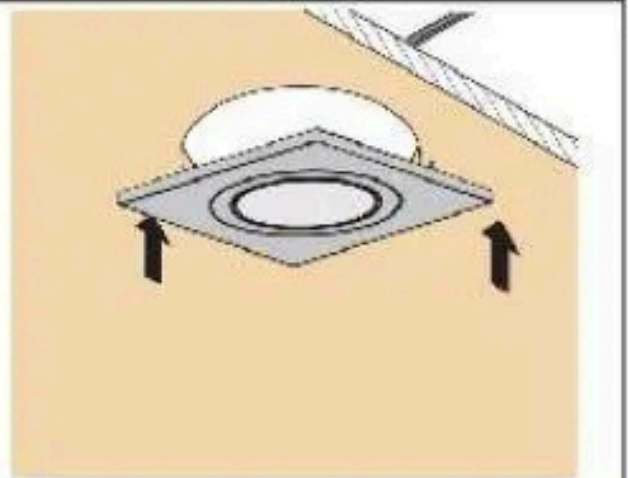
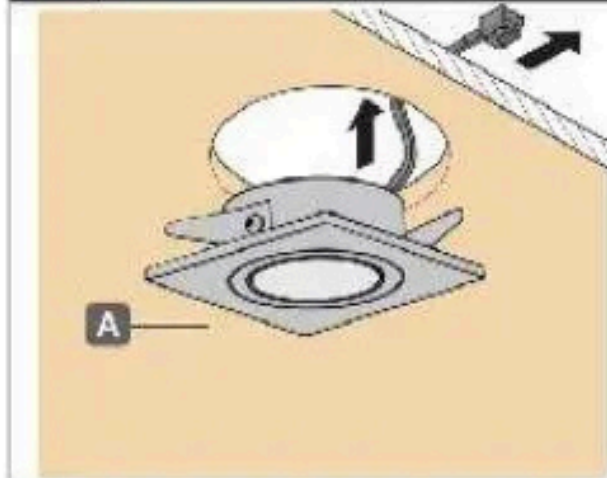
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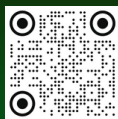
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INSTALLATION GUIDE FOR CB05

STEP-BY-STEP INSTALLATION INSTRUCTIONS

Plan Your Layout

Determine Placement: Choose the area where the lights will be installed. Measure the distance between lights to ensure even illumination.

- **Consider Power Source:** Ensure that the Puck light can be connected to a suitable power source.

Step 1: Preparation

- **Power Off:** Ensure the power is turned off before starting installation to avoid electrical hazards.
- **Mark the Location:** Use a pencil or marker to precisely mark the desired position for the fixture.

Drill the Hole: On the marked spot, create a hole.

Step 2: Wiring the Fixture

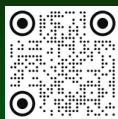
- **Strip the Wires:** Strip approximately 3/4 inch (1.9 cm) of insulation from the ends of the wires to expose clean, bare metal.
- **Align the Wires:** Neatly align the stripped ends of the two wires, ensuring no stray strands are crossing.
- **Secure with Wire Nuts:** Insert the aligned wires into a WN12 waterproof wire nut (sold separately). Twist the wire nut clockwise until it is tight and snug, covering the bare ends completely. Wrap electrical tape around the wire nut and wires for added protection.



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INSTALLATION GUIDE FOR CB05

- **Test the Connection:** Gently pull on each wire to confirm they are securely held by the wire nut.

Step 3: Installing the Fixture

- **Secure the Fixture:** Adjust the fixture's clips by bending them as necessary. Position the fixture over the hole and ensure it fits securely.

Final Steps

- **Power On:** Turn the power back on via the switch controlling the fixture. Verify that the light operates correctly and the lighting effect meets your preferences.
- **Observe the Lighting:** Take a moment to enjoy the enhanced lighting experience.



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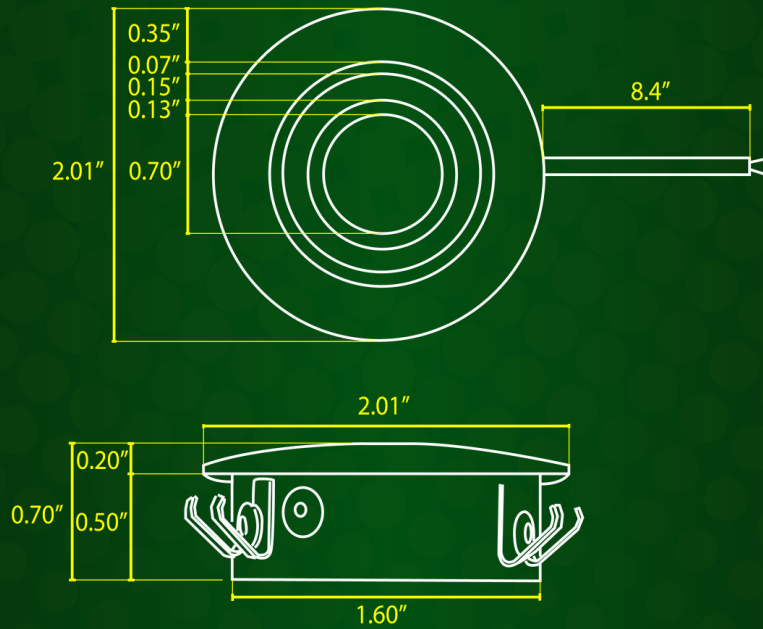


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Attach the wires from the fixture(s) to the main cable, For best results, we recommend using WN12 waterproof wire nuts (which are sold separately)



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MAINTENANCE TIPS

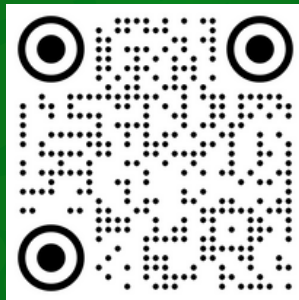
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.

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.

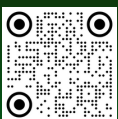
ADDITIONAL RESOURCES

For a detailed video tutorial on how to install, visit our YouTube channel and search for "CB04"



Please visit our website for more of our products.

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CB05

PUCK LIGHT

