

# CB006 PUCK LIGHT



## INSTALLATION GUIDE

ABBA LIGHTING USA

# CB06 PUCK LIGHT

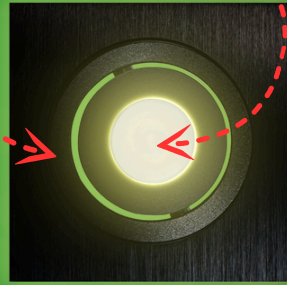
**24.2°**  
BEAM ANGLE

**115**  
LUMENS

**DIMMABLE**

HEAVY DUTY  
CAST  
BRUSHED  
ALUMINUM

1.5W LED DC  
12V COB



## TEMPERATURE



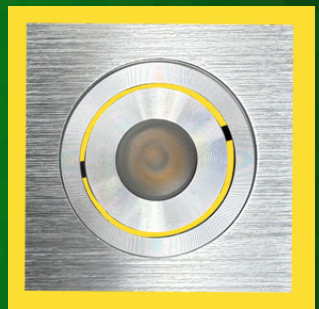
## AVAILABLE FINISH



WHITE



BLACK

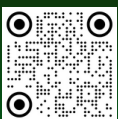


SILVER

# CB06

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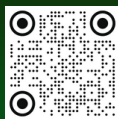
Thank you for choosing our high-quality product. To ensure the best possible experience, please take a moment to carefully read and follow all instructions before assembly, installation, and use. Doing so will not only guarantee proper function and safety but also help you maximize the full potential 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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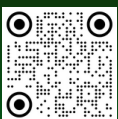
# WARNING

## 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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# CAUTION:

**FIXTURE(S) MUST BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND ORDINANCES.**

**DO NOT INSTALL WITHIN 10 FEET OF A POOL, SPA OR FOUNTAIN**

## PRODUCT OVERVIEW

Introducing the CB06 Puck Cabinet Light by ABBA Lighting USA—a sophisticated and efficient lighting solution designed to enhance the ambiance and functionality of your interior spaces. Crafted from heavy-duty cast brushed aluminum, this square puck light combines modern aesthetics with superior performance, making it an ideal choice for both residential and commercial applications.

- **Sleek and Durable Design:** The CB06 features a compact square form factor with dimensions of 2.38 inches in length and 0.66 inches in depth, allowing for seamless recessed or surface-mounted installation. Available in three elegant finishes—white, black, and silver—it effortlessly complements a variety of interior décors.
- **Energy-Efficient Illumination:** Equipped with a 1.5W DC 12V Chip-On-Board (COB) LED, this puck light delivers 115 lumens of bright, consistent light while minimizing energy consumption. The advanced COB technology ensures uniform light distribution and longevity.
- **Customizable Color Temperature:** Choose between two color temperature options to suit your lighting preferences:
  - **Warm White (3000K):** Creates a cozy and inviting atmosphere, perfect for living areas and bedrooms.
  - **Cool White (5000K):** Provides a crisp and vibrant light, ideal for workspaces and kitchens.
- **Precision Lighting:** With a 24.2° beam angle, the CB06 offers focused illumination, making it perfect for highlighting specific areas or objects within your space.
- **Dimmable Functionality:** Compatible with dimmable systems, this puck light allows you to adjust the brightness to create the desired ambiance for any occasion.



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## APPLICATIONS

The CB06 Puck Cabinet Light is versatile and suitable for various settings:

- Under-Cabinet Lighting: Illuminate kitchen countertops and workspaces with ease, enhancing both functionality and aesthetics.
- Display and Accent Lighting: Highlight artwork, collectibles, or retail products in display cases or shelves, adding depth and interest to your displays.
- Office and Task Lighting: Provide focused lighting for desks or workstations, improving visibility and productivity.

## 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)
- Dimmable: Yes

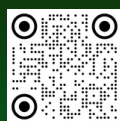
## TOOLS & MATERIALS NEEDED

### 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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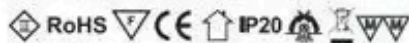
<b>CB06</b>	
Material: Brushed Aluminium Size: 60mm*60mm*H23mm Hole Dimension: Ø50mm Color: Silver Adjustable Angle: 26 degree up/down	

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

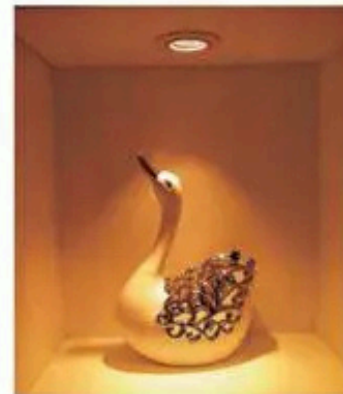
Power consumption	Power Input	Lum@3000K	Flux@1M	CRI
1W	DC350mA	70-80lm	102lx	≥90

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



Vertical&Horizontal Beamwidth      Center Beam Lux

	24.2°	3000K			4000K			6000K		
		Beamwidth	Center Beam Lux	Beamwidth	Center Beam Lux	Beamwidth	Center Beam Lux	Beamwidth	Center Beam Lux	
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					

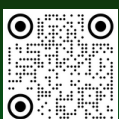


### Accessory

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

### Applications

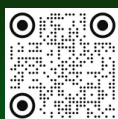
Design for cabinet, showcase, shop area illumination



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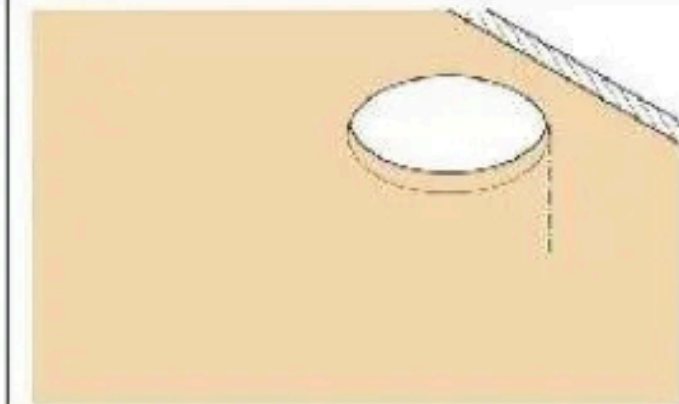
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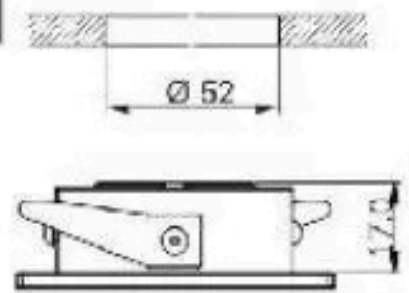
DO NOT INSTALL WITHIN 10 FEET OF A POOL, SPA OR FOUNTAIN

## Installation

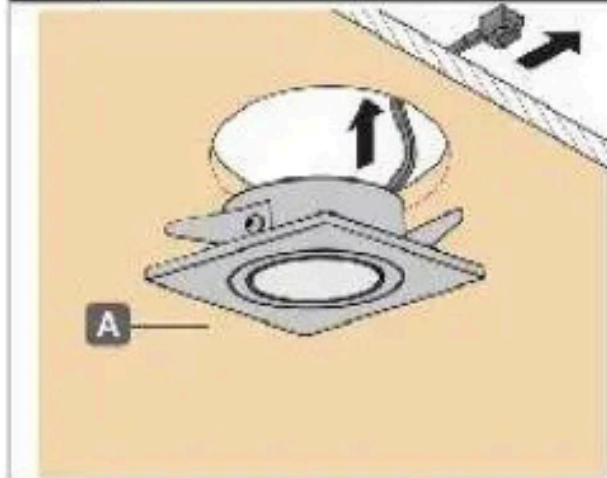
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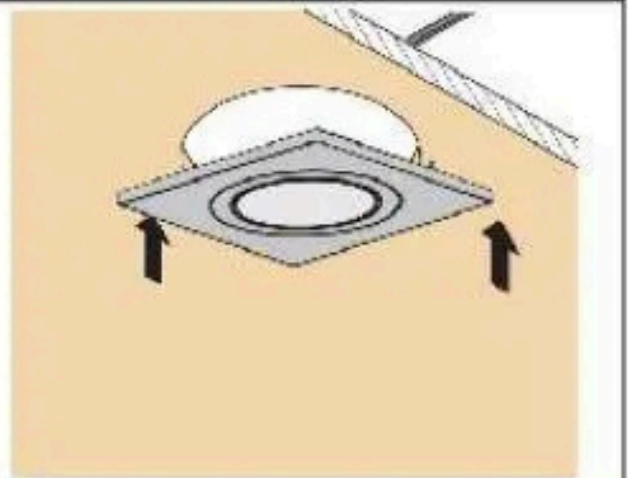
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# INSTALLATION GUIDE FOR CB06

## 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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- **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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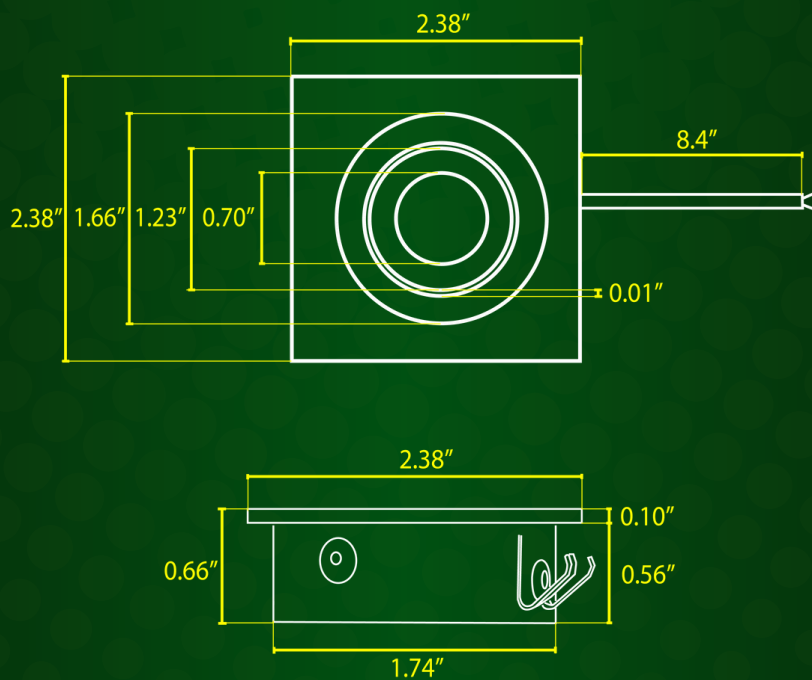


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Attach the wires from the fixture(s) to the main cable, For best results, we recommend using WN12 waterproof wire nuts (which are sold separately)



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# INSTALLATION GUIDE FOR CB06

## MAINTENANCE TIPS

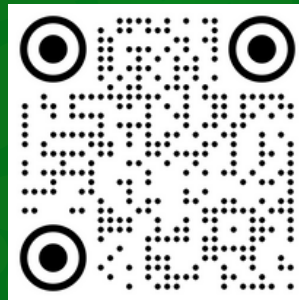
- **Regular Inspection:** Periodically check the bracket and fixture to ensure they are still securely mounted and functioning correctly.

## 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.

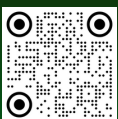
## ADDITIONAL RESOURCES

For a detailed video tutorial on how to install, visit our YouTube channel and search for "CB06"



Please visit our website for more of our products.

[www.ABBALightingUSA.com](http://www.ABBALightingUSA.com)



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