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## Kichler 16228CBR30

# Kichler 16228CBR30 Landscape Inground Light

## LED 10 WATTS, CENTENNIAL BRASS - INSTRUCTION MANUAL

### 1. Introduction

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This manual provides detailed instructions for the safe installation, operation, and maintenance of your Kichler 16228CBR30 Landscape Inground Light. This durable LED fixture is designed for outdoor use, featuring a Centennial Brass finish and a robust construction to withstand environmental elements. Please read this manual thoroughly before installation and retain it for future reference.

### 2. Important Safety Information

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**WARNING:** Risk of electric shock. Installation must be performed by a qualified electrician in accordance with all local electrical codes and ordinances.

- Disconnect power at the circuit breaker or fuse box before installation or servicing.
- Ensure all electrical connections are secure and comply with local codes and ordinances.
- Do not install this fixture in areas where it may be submerged in water. It is wet-rated but not submersible.
- Do not attempt to modify the fixture. Any modifications may void the warranty and create safety hazards.
- Wear appropriate personal protective equipment (PPE) during installation, including safety glasses and gloves.
- Keep children and pets away from the installation area.

### 3. Package Contents

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Verify that all components are present before beginning installation:

- Kichler 16228CBR30 Inground Light Fixture (with integrated LED)
- Mounting Hardware

- Installation Guide (this document)

## 4. Installation Instructions

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This Kichler inground light is designed for hardwired installation. Professional installation is recommended.

1. **Prepare the Installation Site:** Choose a location that allows for proper drainage and access for wiring. Dig a hole large enough to accommodate the fixture's heavy-duty polymeric sleeve and allow for wiring connections.
2. **Power Disconnection:** Ensure the main power supply to the installation area is turned off at the circuit breaker.
3. **Wiring:** Route the electrical wiring to the installation location. Connect the fixture's wires to the main power supply wires according to local electrical codes. Ensure all connections are secure and properly insulated to prevent moisture ingress. The fixture includes a potted driver and strain relief below for enhanced water protection.
4. **Fixture Placement:** Place the cast brass housing within the heavy-duty polymeric sleeve into the prepared hole. Ensure the top of the fixture is flush with or slightly above ground level to prevent water accumulation.
5. **Secure the Fixture:** Use the provided mounting hardware to secure the fixture in place. Backfill the hole with soil, ensuring the fixture is stable and level.
6. **Final Inspection:** Double-check all connections and ensure the fixture is properly seated and secured.
7. **Restore Power:** Once installation is complete and verified, restore power at the circuit breaker.



**Figure 1:** Kichler 16228CBR30 Landscape Inground Light. This image displays the overall design of the inground light, featuring its Centennial Brass trim ring and black cylindrical body, ready for installation.

## 5. Operation

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Once installed and power is restored, the Kichler 16228CBR30 light will illuminate. This fixture features the ability to adjust the direction of the light beam (60-degree spread) from outside the fixture, maintaining the factory seal. Gently rotate the internal mechanism as needed to achieve the desired lighting angle for your landscape.

## 6. Maintenance

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The Kichler 16228CBR30 is designed for minimal maintenance.

- **Cleaning:** Periodically clean the lens and exterior of the fixture with a soft, damp cloth to remove dirt, debris, or mineral deposits. Do not use abrasive cleaners or solvents.
- **Inspection:** Regularly inspect the fixture for any signs of damage, loose connections, or wear. Ensure the area around the fixture remains clear of excessive foliage or debris that could impede light output or drainage.
- **LED Replacement:** The LED is integrated and not user-replaceable. If the LED fails, the entire fixture may need replacement.

## 7. Troubleshooting

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Refer to the table below for common issues and their potential solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Loose wiring connection; Faulty fixture.	Check circuit breaker/fuse; Verify all wiring connections; Contact a qualified electrician or customer support.
Light flickers.	Unstable power supply; Loose wiring connection.	Ensure stable power; Check and secure wiring connections.
Water inside fixture.	Improper installation; Damaged seals.	Ensure proper drainage around fixture; Verify silicone rubber gaskets are intact; Contact customer support if seals are damaged.

## 8. Specifications

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Feature	Detail
Brand	Kichler
Model Number	16228CBR30
Material	Brass, Plastic
Finish	Centennial Brass
Dimensions (L x W x H)	10.25 x 6.25 x 10.25 inches
Item Weight	10.5 Pounds
Light Source Type	Integrated LED
Wattage	10 Watts
Voltage	277 Volts
Brightness	775 Lumens
Color Temperature	3000 Kelvin
Beam Angle	60 Degrees
Dimmable	No
Moisture Rating	Wet Rated (Water Resistant)
Installation Type	In-Ground, Hardwired

## 9. Warranty and Customer Support

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**Warranty Information:** All products purchased have a 30-day replacement parts policy to ensure a fully working item. All products are covered under a 1-year warranty when purchased on Amazon. The warranty period begins on the day the product is originally shipped. The warranty covers all items and conditions identified in the original manufacturer's warranty. Specific exclusions include loss and theft, water damage (beyond normal wet rating), customer abuse, and finish deterioration due to UV or coastal exposure.

**Customer Support:** For technical assistance, warranty claims, or further inquiries, please refer to the contact information provided with your purchase documentation or visit the official Kichler website.