

Klighten GC033

Klighten Industrial 3-Way E27 Ceiling Spotlight

Brand: Klighten | Model: GC033

1. INTRODUCTION

Thank you for choosing the Klighten Industrial 3-Way E27 Ceiling Spotlight. This manual provides essential information for the safe installation, operation, and maintenance of your new lighting fixture. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INFORMATION

- **Electrical Safety:** Installation must be performed by a qualified electrician or a competent person in accordance with local wiring regulations. Always switch off the main power supply before commencing any installation or maintenance work.
- **Bulb Compatibility:** Use only E27 bulbs with a maximum wattage of 40W per bulb. Exceeding this limit may cause overheating and damage to the fixture or create a fire hazard.
- **Indoor Use Only:** This fixture is designed for indoor use (IP20 rated) and is not suitable for wet or damp environments.
- **Handling:** Do not touch the bulb immediately after use, as it may be hot. Allow it to cool before handling.
- **Mounting:** Ensure the mounting surface is structurally sound and can support the weight of the fixture.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning installation.

- 1 x Klighten Industrial 3-Way E27 Ceiling Spotlight (Black)
- 1 x Mounting Material Kit (screws, wall plugs, terminal caps)
- 1 x Instruction Manual

Note: Light bulbs are **not included** and must be purchased separately.

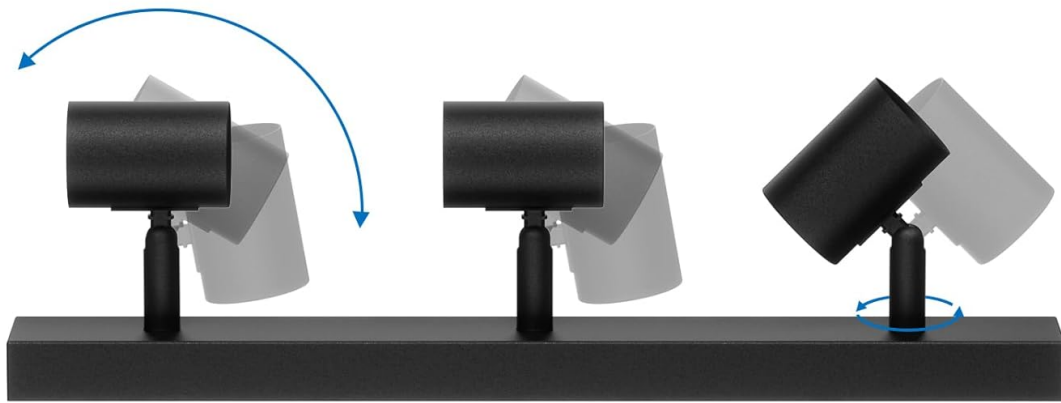
4. SPECIFICATIONS

Feature	Specification
Model Number	GC033
Brand	Klighten
Color	Black
Material	Iron
Dimensions (L x W x H)	39 x 11 x 5 cm (15.3 x 4.3 x 1.97 inches)
Voltage	100V-240V
Bulb Socket	E27
Max Wattage per Bulb	40W
Number of Bulbs	3
Protection Class	IP20 (Indoor Use Only)
Adjustability	330° Rotatable, 90° Adjustable
Energy Efficiency Class	D (View EPREL Data)

Image: Spotlight adjustability, E27 socket detail, and material.

90° Adjustable

330° Rotatable



E27 Socket



Material: Iron

Image: Dimensions of the 3-way ceiling spotlight.

3-Way Ceiling Spot Light

Mate metal surface design, rust and corrosion resistant, durable

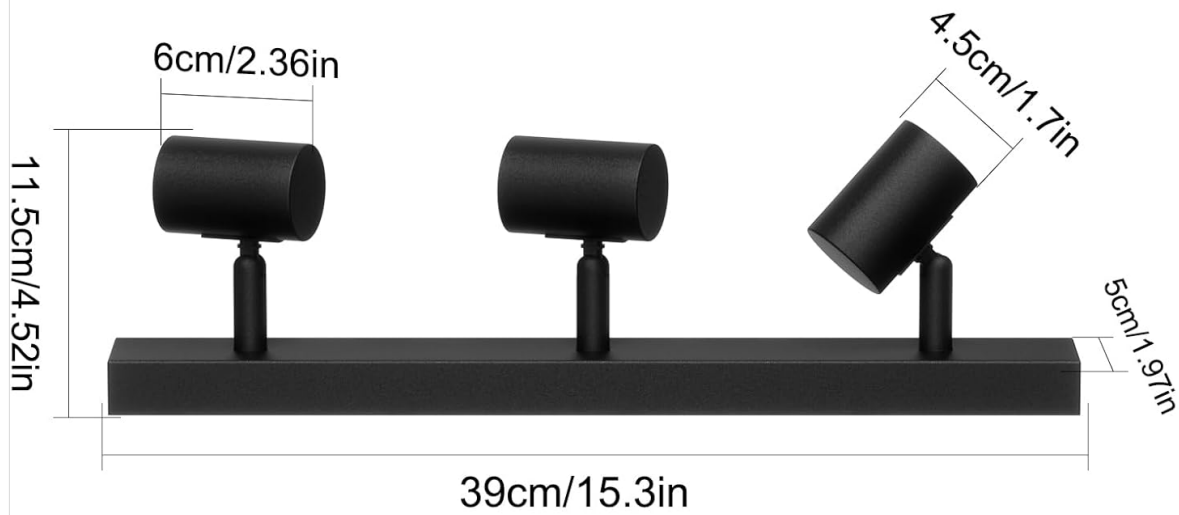


Image: Energy efficiency label for the Klighten GC033 spotlight.



ENERG

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GC033



5
kWh/1000h



2019/2015

5. SETUP (INSTALLATION)

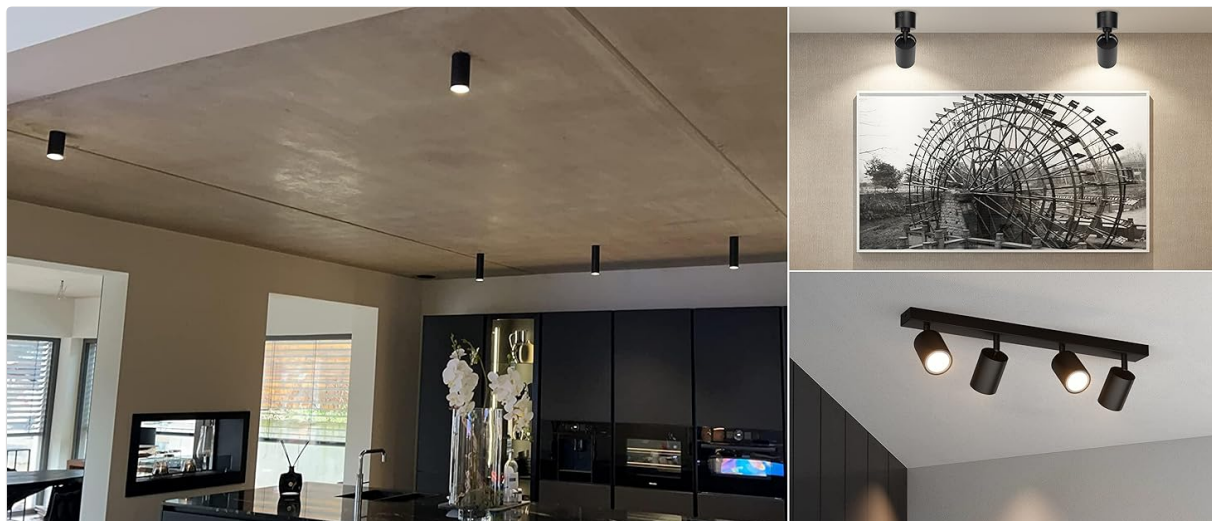
Important: Ensure the main power supply is switched off at the circuit breaker before starting installation. Professional installation is recommended.

- 1. Prepare the Fixture:** Loosen the screws on the side of the fixture and carefully remove the mounting bracket from the main body.
- 2. Mark and Drill:** Hold the mounting bracket against the ceiling at the desired installation location. Mark the positions for the drill holes. Drill two holes in the ceiling, ensuring they are appropriate for the provided wall plugs.
- 3. Secure Mounting Bracket:** Insert the wall plugs into the drilled holes. Secure the mounting bracket to the ceiling using the provided screws.
- 4. Wire Connections:** Connect the household electrical wires to the corresponding wires of the fixture using terminal caps. Typically, this involves connecting Live (L), Neutral (N), and Ground (Earth) wires. Ensure all connections are secure.
- 5. Attach Fixture Body:** Align the main body of the spotlight fixture with the secured mounting bracket. Fasten

the fixture body to the bracket using the screws removed in step 1.

6. **Install Bulbs:** Carefully screw E27 bulbs (max 40W each, not included) into each of the three sockets.

Image: Step-by-step installation diagram.



6. OPERATING INSTRUCTIONS

6.1 Powering On/Off

Once installed and wired correctly, the spotlight fixture is operated via your standard wall light switch. Flip the switch to turn the lights on or off.

6.2 Adjusting Light Direction

Each spotlight head can be individually adjusted to direct light where needed:

- **Rotation:** Each head can rotate up to 330 degrees horizontally.
- **Tilt:** Each head can be tilted up to 90 degrees vertically.

Gently hold the spotlight head and move it to the desired angle. Avoid excessive force to prevent damage.

6.3 Bulb Selection

The fixture uses E27 base bulbs. You can choose various types of E27 bulbs (LED, incandescent, halogen) as long as they do not exceed 40W per bulb. The choice of bulb type and color temperature (e.g., warm white, cool white) will affect the overall lighting effect in your room.

Image: Examples of compatible E27 bulb types.



E27 Socket (Bulbs not Included)

Choose your own bulbs (Max 40W) with suitable color temperature and shape.

7. MAINTENANCE

7.1 Cleaning

To clean the fixture, ensure the power is off and the fixture is cool. Wipe with a soft, dry cloth. Do not use abrasive cleaners, solvents, or polishes as they may damage the finish.

7.2 Bulb Replacement

Before replacing a bulb, ensure the power supply to the fixture is switched off and the bulb has cooled down completely. Unscrew the old bulb and screw in a new E27 bulb, ensuring it does not exceed 40W. Do not overtighten.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
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Light does not turn on	No power supply Faulty bulb Incorrect wiring	Check circuit breaker and wall switch Replace bulb with a new one Verify wiring connections (consult an electrician if unsure)
Light flickers	Loose bulb Incompatible dimmer switch Faulty bulb	Tighten bulb Ensure bulbs are compatible with your dimmer (if applicable) Replace bulb
Overheating	Bulb wattage too high	Replace with a bulb that does not exceed 40W

9. WARRANTY & SUPPORT

Klighten products are manufactured to high-quality standards. For warranty information or technical support, please refer to the documentation provided with your purchase or contact Klighten customer service through the retailer where the product was purchased.