

Kichler 43873WHLED30

Kichler Horizon LED Downlight (Model 43873WHLED30) Instruction Manual

Integrated LED, 6.4" Flush Mount, 3000K, Wet Rated

INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Kichler Horizon LED Downlight, model 43873WHLED30. Please read all instructions carefully before beginning installation and retain this manual for future reference. This integrated LED downlight is designed for flush mounting and features a 3000K color temperature and wet rating, making it suitable for various indoor and outdoor covered ceiling applications.



Image: Front view of the Kichler Horizon LED Downlight, showcasing its sleek, white, flush-mount design.

IMPORTANT SAFETY INFORMATION

WARNING: Risk of Electric Shock. Disconnect power at the circuit breaker or fuse box before installation or servicing.

- All electrical connections must be in accordance with local codes, ordinances, or the National Electric

Code (NEC).

- Consult a qualified electrician if you are unsure about the installation process.
- Do not install this fixture with wet hands or while standing on a wet or damp surface.
- Ensure all connections are secure and properly insulated.
- This product is designed for use with a 120V AC circuit.
- Do not attempt to alter the fixture in any way.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Kichler Horizon LED Downlight Fixture (Integrated LED)
- Mounting Bracket
- Mounting Hardware (screws, wire nuts)
- Installation Instructions



Image: Exploded view showing the Kichler Horizon LED Downlight, mounting bracket, and associated hardware.

TOOLS AND MATERIALS REQUIRED (NOT INCLUDED)

- Phillips Head Screwdriver
- Flathead Screwdriver

- Wire Strippers
- Pliers
- Electrical Tape
- Voltage Tester (recommended)
- Step Ladder

INSTALLATION INSTRUCTIONS

Follow these steps to install your Kichler Horizon LED Downlight. For visual guidance, refer to the installation video below. While the video may show a general semi-flush/flush mount, the core electrical and mounting principles apply.

Step 1: Disconnect Power

Before starting any electrical work, locate your main electrical panel and turn off the power to the circuit where you will be installing the downlight. Use a voltage tester to confirm that the power is off at the junction box.

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Video: General installation guide for Kichler semi-flush and flush mount fixtures. This video demonstrates the process of disconnecting power, attaching mounting hardware, and making electrical connections.

Step 2: Prepare the Junction Box

If replacing an existing fixture, carefully remove it. Ensure the wires coming from the ceiling are black (hot), white (neutral), and bare copper or green (ground). If the wiring colors differ, consult a certified electrician.

Step 3: Attach the Mounting Bracket

Secure the provided mounting bracket to the junction box using the screws included in the hardware kit. Ensure the bracket is firmly attached and stable.

Step 4: Make Electrical Connections

Connect the fixture's wires to the supply wires from the junction box:

- Connect the bare copper or green ground wire from the fixture to the bare copper or green ground wire from the junction box using a wire nut.
- Connect the white (neutral) wire from the fixture to the white (neutral) wire from the junction box using a wire nut.
- Connect the black (hot) wire from the fixture to the black (hot) wire from the junction box using a wire nut.

Carefully tuck all connected wires into the junction box, ensuring no wires are pinched.

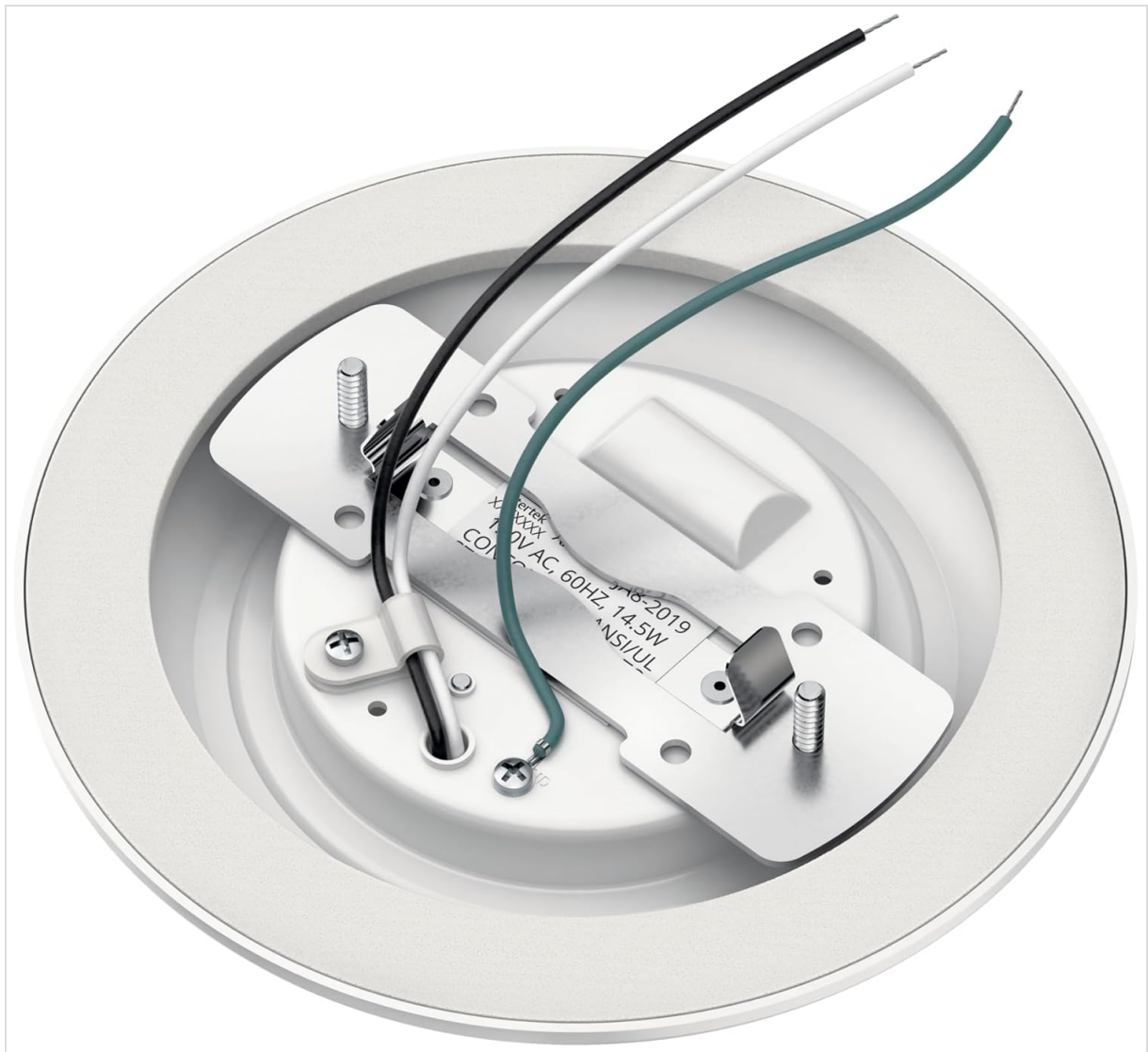


Image: Back view of the Kichler Horizon LED Downlight, illustrating the pre-wired connections for installation.

Step 5: Secure the Fixture

Align the downlight fixture with the mounting bracket and secure it using the provided screws or twist-lock mechanism, depending on your specific model. Ensure the fixture is flush with the ceiling and securely fastened.



Image: Kichler Horizon LED Downlight seamlessly installed and flush with a white ceiling.

Step 6: Restore Power

Once the fixture is securely installed and all connections are made, return to your main electrical panel and turn the power back on to the circuit. Test your new Kichler Horizon LED Downlight.

OPERATING INSTRUCTIONS

Adjusting Color Temperature (Kelvin Options)

Your Kichler Horizon LED Downlight features adjustable color temperature settings, allowing you to choose from 5 Kelvin options (2700K, 3000K, 3500K, 4000K, 5000K). This adjustment is typically made via a switch located on the back of the fixture before final installation. Select your desired color temperature to match your room's ambiance or specific lighting needs.

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Video: Demonstration of the 5 Kelvin color temperature options available on the Kichler Horizon LED Downlight, showing how the light output changes from warm to cool white.

Dimming Functionality

This integrated LED downlight is dimmable. To utilize the dimming feature, ensure you have a compatible LED dimmer switch installed. Refer to your dimmer switch's instructions for proper operation.

CARE AND MAINTENANCE

- **Cleaning:** To clean the fixture, turn off the power and allow it to cool. Wipe with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents, as they may damage the finish or electrical components.
- **LED Longevity:** The integrated LED in this fixture is designed for long-lasting performance. There are no bulbs to replace.
- **Wet Rated:** This fixture is wet rated, meaning it can be used in damp or wet locations like bathrooms

or outdoor covered ceilings. However, avoid direct water spray or submersion.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fixture does not light up.	Power is off at the circuit breaker.	Check the circuit breaker and turn it on.
	Loose wire connections.	Verify all wire connections are secure.
	Faulty switch.	Test the switch with another device or replace it if necessary.
Light flickers or dims inconsistently.	Incompatible dimmer switch.	Ensure your dimmer switch is compatible with LED fixtures.
	Loose wire connections.	Check and tighten all electrical connections.

If you experience persistent issues, please contact Kichler customer support or a qualified electrician.

UNDERSTANDING LUMENS AND COLOR TEMPERATURE

Understanding lumens and color temperature (Kelvin) helps you choose the right lighting for your space. Lumens indicate the brightness of a light source, while Kelvin measures its color appearance, from warm (lower K) to cool (higher K).

How Many Lumens Do I Need?



Workspace / Garage
8,000 – 10,000 lumens



Kitchen / Work Area
7,000 – 8,000 lumens



Home Office
6,000 – 8,000 lumens



Dining Room / Kitchen Table
3,000 – 4,000 lumens



Living Room
1,000 – 2,000 lumens



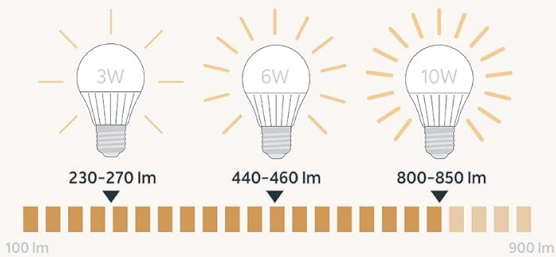
Bedroom
1,000 – 2,000 lumens

To achieve maximum room lighting potential,
consider light layering with downlights or LED tape lighting.



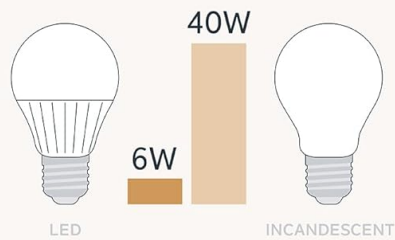
Image: A guide illustrating recommended lumen ranges for various room types, such as workspaces, kitchens, living rooms, and bedrooms.

Understanding Lumens



Brightness

Lumens (lm) measures how bright the light is. The higher the number, the brighter the light.



Energy

Watts (W) measures how much energy a light uses. The lower the number, the less energy it consumes.



Efficiency

Efficiency (lm/W) measures how well a light converts energy into brightness. The higher the number, the more light you get per watt used.

Image: Infographic explaining brightness (lumens), energy consumption (watts), and efficiency (lumens per watt) in lighting.

PRODUCT SPECIFICATIONS

Feature	Detail
Brand	Kichler
Model Number	43873WHLED30
Color	White
Material	Aluminum
Style	Modern
Light Fixture Form	Ceiling (Flush Mount)
Light Source	Integrated LED
Color Temperature	3000K (Adjustable: 2700K-5000K)

Feature	Detail
Lumen Output	1000 lumens
Dimensions	6.4" W x 1.3" H
Wet Rated	Yes



Image: Diagram showing the width (6.4 inches) and height (0.83 inches) dimensions of the Kichler Horizon LED Downlight.

WARRANTY AND CUSTOMER SUPPORT

For warranty information, please refer to the documentation included with your product packaging. For technical assistance, replacement parts, or any questions regarding your Kichler product, please visit the official Kichler website or contact their customer support directly. Always provide your model number (43873WHLED30) when seeking support.

You can find more information about Kichler products and their commitment to quality by visiting their [Amazon Brand Store](#).



Our Commitment

At Kichler, our past moves us forward.
We have a strong history of quality, service and bringing people together. For more than 85 years, we've committed to the mindset of continuously improving, making each product and interaction better, so every life that is illuminated with Kichler products can shine.


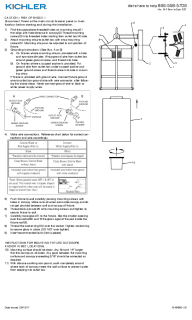
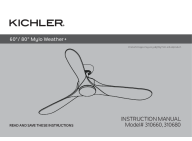
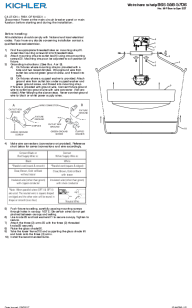

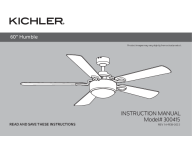
Image: Kichler's "Our Commitment" statement, highlighting their dedication to quality, service, and continuous improvement in lighting products.

ABOUT KICHLER LIGHTING

Discover more about Kichler's philosophy and range of lighting solutions:

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Video: Kichler brand video showcasing various lighting products and their impact on home ambiance and design.

 <p>VLO 12V LED In-Ground Accent</p> <p>One light, three lumen levels.</p> <p>KICHLER</p>	<p>Kichler VLO 12V LED In-Ground Accent Light: Features, Specs, and Ordering Guide</p> <p>Discover the Kichler VLO 12V LED In-Ground Accent light, featuring the Lumen Effects System for adjustable lumen output (350, 550, 850 lm). Learn about its durable, IP67-rated design, beam angles, photometrics, and ordering information.</p>
 <p>KICHLER</p> <p>49960AVI</p>	<p>Kichler 49960AVI Outdoor Wall Light Installation Instructions</p> <p>Detailed installation instructions for the Kichler 49960AVI outdoor wall light. Learn how to safely mount and wire your fixture for outdoor or wet locations.</p>
 <p>KICHLER</p> <p>60\" Mylo Weather+</p> <p>INSTRUCTION MANUAL MODEL 310660</p>	<p>Kichler 60\" / 80\" Mylo Weather+ Ceiling Fan Instruction Manual</p> <p>Detailed instruction manual for the Kichler 60\" and 80\" Mylo Weather+ ceiling fan, covering installation, safety guidelines, electrical connections, operation, and troubleshooting. Includes model numbers 310660 and 310680.</p>
 <p>KICHLER</p> <p>44086BK</p>	<p>Kichler 44086BK Semi-Flush Mount Light Installation Guide</p> <p>Step-by-step instructions for installing the Kichler 44086BK semi-flush mount light fixture, including safety precautions, mounting, wiring, and final assembly.</p>
 <p>KICHLER</p> <p>38270</p> <p>KELCE SEMI-FLUSH MOUNT</p>	<p>Kichler Kelce Semi-Flush Mount 38270 Installation and Assembly Guide</p> <p>Detailed instructions for installing the Kichler Kelce Semi-Flush Mount (Model 38270), including package contents, hardware, safety precautions, assembly steps, and troubleshooting.</p>
 <p>KICHLER</p> <p>60\" Humble</p> <p>INSTRUCTION MANUAL MODEL 300415</p>	<p>Kichler 60\" Humble Ceiling Fan Model 300415 Installation Manual</p> <p>Comprehensive instruction manual for the Kichler 60\" Humble ceiling fan (Model 300415), covering installation, operation, safety guidelines, and troubleshooting. Learn how to properly install and use your Kichler fan.</p>