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HomeConcept 18WFSU-CL-6PACK

HomeConcept 18 Watt Full Spectrum CFL Replacement Bulb User Manual

Model: 18WFSU-CL-6PACK

INTRODUCTION

Thank you for choosing the HomeConcept 18 Watt Full Spectrum CFL Replacement Bulbs. This set of six compact fluorescent light (CFL) bulbs is designed to provide comfortable, glare-free, full-spectrum light that simulates natural sunlight, enhancing visual clarity and reducing eyestrain. These energy-efficient bulbs are ideal for various indoor applications, including reading, sewing, and other close-up tasks.

Each bulb features a standard E26 screw-in base and delivers a bright white light with a color temperature of 6400K, equivalent to a 75-watt incandescent bulb while consuming significantly less energy.



Figure 1: Six HomeConcept 18 Watt Full Spectrum CFL Replacement Bulbs.

IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Indoor Use Only:** These bulbs are designed for indoor use only. Do not use them in outdoor fixtures or in wet locations.
- **Risk of Electric Shock:** Always turn off the power to the fixture and allow the bulb to cool before installing or removing. Do not handle with wet hands.
- **Bulb Contains Mercury:** CFL bulbs contain a small amount of mercury. Handle with care. In case of breakage, ventilate the area and follow local guidelines for cleanup and disposal. Do not use a vacuum cleaner.
- **Disposal:** Dispose of used bulbs according to local regulations. Many communities have recycling programs for CFLs. Do not dispose of in regular household trash.
- **Operating Temperature:** Lamp may become warm during normal operation. Allow the bulb to cool before touching or replacing.
- **Dimmer Compatibility:** These bulbs are not designed for use with dimmer switches unless explicitly stated on the packaging. Using them with a dimmer may shorten their lifespan or cause flickering.
- **Fixture Compatibility:** Ensure the fixture is rated for the bulb's wattage and dimensions.



Figure 2: Packaging details highlighting warnings and specifications, including mercury content and disposal instructions.

SETUP AND INSTALLATION

1. **Power Off:** Before installation, ensure the power to the light fixture is completely turned off at the switch or circuit breaker.
2. **Allow Cooling:** If replacing an existing bulb, allow the old bulb to cool down completely before touching it.
3. **Unpack:** Carefully remove the new HomeConcept CFL bulb from its packaging. Avoid touching the glass tubing directly.
4. **Screw In:** Gently screw the bulb into the standard E26 base socket of your fixture. Turn clockwise until it is snug,

but do not overtighten.

5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.
6. **Test:** Turn on the light switch to confirm the bulb is functioning correctly.



Figure 3: Bulb dimensions for proper fixture fit. The bulb measures 6 inches in length and 2.1 inches in diameter.

OPERATING INSTRUCTIONS

The HomeConcept Full Spectrum CFL bulb is designed for simple operation. Once installed, it functions like a standard light bulb.

- **Activation:** Turn on the light switch connected to the fixture. The bulb will illuminate.
- **Warm-up Time:** CFL bulbs may take a few moments to reach full brightness, especially in cooler environments. This is normal operation.
- **Full Spectrum Light:** Enjoy the natural daylight simulation provided by the 6400K color temperature, which helps reduce eyestrain and improve visual clarity for tasks.
- **Energy Saving:** These 18-watt bulbs provide light output equivalent to a 75-watt incandescent bulb, offering significant energy savings.

MAINTENANCE

HomeConcept CFL bulbs require minimal maintenance.

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe the bulb gently with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Replacement:** The average lifespan of these bulbs is up to 10,000 hours. When the bulb reaches the end of its life, follow the disposal instructions in the "Important Safety Information" section.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture. Bulb not screwed in properly. Bulb is faulty or has reached end of life. Fixture socket is faulty.	Check power switch and circuit breaker. Ensure bulb is securely screwed into the socket (power off first). Replace with a new bulb. Test the fixture with a known working bulb. Consult an electrician if necessary.
Bulb flickers.	Loose connection. Incompatible dimmer switch. Bulb nearing end of life. Voltage fluctuations.	Ensure bulb is securely screwed in (power off first). Do not use with dimmer switches unless specified. Replace the bulb. Consult an electrician if persistent.
Bulb is dim.	Not fully warmed up. Bulb nearing end of life. Incorrect wattage for fixture.	Allow a few minutes for full brightness. Replace the bulb. Ensure correct wattage bulb is used.

SPECIFICATIONS

Feature	Detail
Model Number	18WFSU-CL-6PACK
Light Type	CFL (Compact Fluorescent Lamp)
Wattage	18 Watts
Incandescent Equivalent	75 Watts
Brightness	1300 Lumens
Color Temperature	6400 Kelvin (Daylight White)
Color Rendering Index (CRI)	90 CRI
Bulb Base	E26 (Standard Screw-in)
Bulb Shape Size	A19
Dimensions (W x H)	2.1" x 6"
Average Life	Up to 10,000 Hours
Voltage	100 to 240 Volts
Frequency	50 Hertz to 60 Hertz
Indoor/Outdoor Usage	Indoor Only

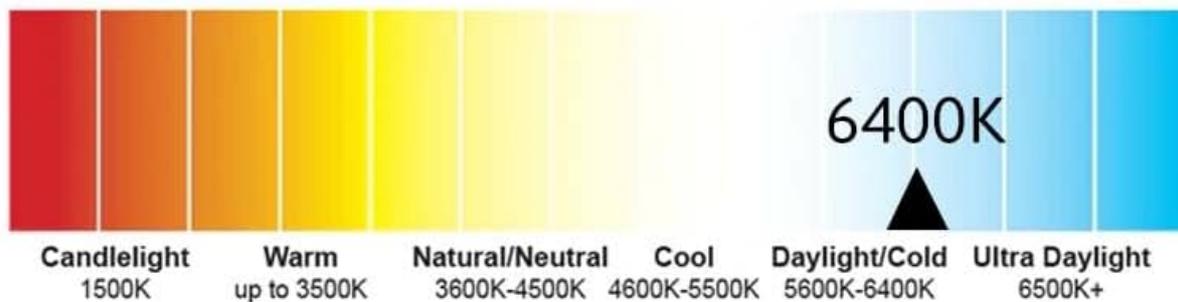
Feature	Detail
Material	Copper (base)

Lighting Facts per bulb

Brightness 1,300 lumens

Energy Used 27 watts

Color Temperature



Color Rendering Index

90 CRI



50 CRI



80 CRI



90 CRI

Energy cost per year

\$27.00



Figure 4: Detailed Lighting Facts per bulb, including brightness, energy usage, color temperature, and Color Rendering Index (CRI).

WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. For any inquiries regarding product performance, defects, or support, please contact HomeConcept customer service through their official channels or the retailer where the product was purchased.

You can visit the HomeConcept store on Amazon for more information and contact options: [HomeConcept Amazon Store](#)

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