



CF18DD FLUORESCENT
LIGHT BULB



Circle CF18DD Fluorescent Light Bulb User Manual

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Circle CF18DD Fluorescent Light Bulb



INTRODUCTION

A high-performance 18-watt CFL bulb, the Circle CF18DD is made to provide bright, efficient lighting for both business and household areas. This bulb's T4 shape and 3500K color temperature produce a well-balanced, warm white light that is perfect for indoor spaces like kitchens and workplaces.

With a high efficiency of 66.67 lumens per watt, this energy-efficient compact fluorescent light (CFL) produces an amazing 1200 lumens when running at 120 volts. A wide range of compatibility across various electrical systems is ensured by the approved voltage frequency of 100-240V at 50-60Hz. With an average lifespan of 10,000 hours, this long-lasting bulb from Circle reduces the need for frequent replacements. The CF18DD, which was first released on July 27, 2016, is still a dependable lighting option for daily usage and is reasonably priced at \$15.99.

SPECIFICATIONS

Brand	Circle
Price	\$15.99
Bulb Shape Size	T4
Voltage	120 Volts
Color Temperature	3500 Kelvin
Brightness	1200 Lumens
Controller Type	Push Button
Power Source	Corded Electric
Power Consumption	18 Watts
Light Source Type	CFL (Compact Fluorescent Lamp)
Accepted Voltage Frequency	100 to 240 Volts, 50-60 Hertz
Control Method	App
Average Life	10,000 Hours
White Brightness	1200 Lumens
Efficiency	66.67 lumens per watt
Product Dimensions	6.93 x 3.31 x 3.11 inches
Weight	9.91 ounces
Date First Available	July 27, 2016

WHAT'S IN THE BOX

- Light Bulb
- User Manual

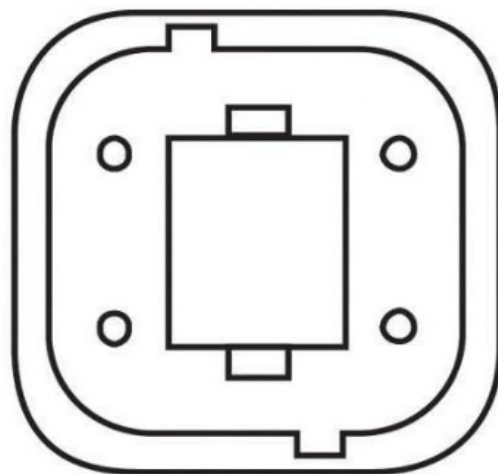
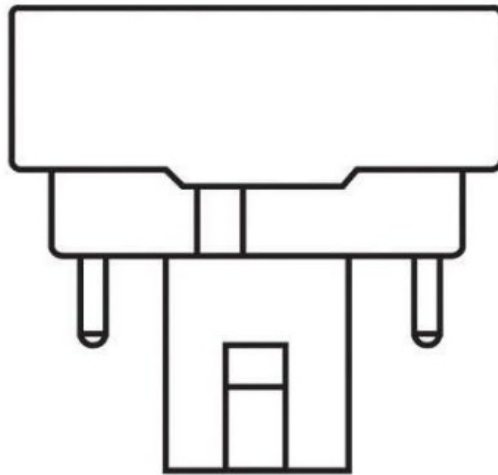
FEATURES

- **Energy-efficient:** Light is economical because it uses only 18 watts and produces 1200 lumens.
- **High Brightness:** Provides brilliant illumination with an output of 1200 lumens.
- **Neutral White Light:** Perfect for homes, workplaces, and commercial areas, this light has a warm yet neutral hue thanks to its 3500K color temperature.
- **Compact Construction:** It fits into a variety of fixtures thanks to its T4 shape and double-tube construction.
- **Long Lifespan:** With a 10,000-hour lifespan, fewer replacements will be required.
- **4-Pin G24q-2 Base:** Guarantees a snug fit in compatible fixtures.
- **Multi-Voltage Compatibility:** It is adaptable to many geographical locations and operates with power supply ranging from 100 to 240V.
- **App-Controlled:** Some fixtures can be operated remotely thanks to compatibility with smart control apps.
- **Push-Button Controller:** Provides simple control through manual operation.
- **Stable Performance:** Reduces eye strain by operating smoothly with less flickering.

- **Low Heat Emission:** Prevents overheating by producing less heat than incandescent bulbs.
- **High Efficiency:** Optimizes energy utilization with 66.67 lumens per watt.
- **Compact & Lightweight:** It is simple to handle and install, weighing just 9.91 ounces.
- **Sturdy Construction:** Constructed from premium materials, guaranteeing longevity and reliable operation.
- **Compatible Replacement:** Panasonic FDS18E35/4 bulbs can be easily switched out by replacing them directly.

SETUP GUIDE

- **Turn Off Power:** Before beginning installation, turn off the power source or unplug the fixture.
- **Check Compatibility:** Ensure the fixture is compatible with G24q-2 4-pin CFL bulbs.
- **Remove Old Bulb:** Let the old bulb cool down before removing it if you're replacing it.
- **Examine the New Bulb:** Before installing, look for any obvious cracks or damage.
- **Align Pins Correctly:** Ensure the 4-pin base and socket are correctly aligned before insertion.
- **Push Straight In:** To prevent damage, place the lightbulb into the socket without twisting.



- **Secure Placement:** Ensure the lightbulb is properly positioned and does not wobble.
- **Reinstall Fixture Cover:** If your fixture has a cover, make sure it is securely fastened.
- **Turn Power Back On:** Restore power and turn on the light.

- **Verify Operation:** Ensure the bulb turns on smoothly and does not flicker excessively.
- **Check for flickering:** If the bulb flickers or dims, inspect the ballast or connection.
- **Adjust Position:** Ensure optimal light distribution by properly positioning the bulb.
- **Test Smart Control:** Pair the fixture with the app if it supports smart control.
- **Permit Warm-Up Time:** Some fluorescent lights may take a few seconds to reach full brightness.
- **Monitor Initial Performance:** Observe the bulb during the first few uses to confirm proper operation.

CARE & MAINTENANCE

- **Turn Off Before Handling:** Always turn off the power source before touching or replacing the lightbulb.
- **Avoid Frequent Switching:** Rapid on/off switching shortens the bulb's lifespan.
- **Maintain Fixture Clean:** Dust and debris accumulation can reduce brightness, so clean the fixture periodically.
- **Use in Ventilated Areas:** Ensure proper ventilation to prevent overheating.
- **Avoid Moisture Exposure:** Do not use in damp areas unless rated for such conditions.
- **Look for flickering:** Persistent flickering may indicate a faulty ballast or the need for replacement.
- **Handle by the Base:** Avoid touching the glass tube to prevent damage.
- **Proper Disposal:** Fluorescent bulbs contain trace amounts of mercury and should be recycled.
- **Safe Storage:** Store extra bulbs in a cool, dry location away from direct sunlight.
- **Check Brightness Levels:** A noticeable dimming may indicate the bulb is nearing the end of its life.
- **Avoid Impact & Vibration:** CFLs are delicate and should not be exposed to excessive shock or movement.
- **Check for Voltage Compatibility:** Ensure the power source matches the required 100-240V range.
- **Replace When Necessary:** If the bulb blackens or loses brightness, replace it promptly.
- **Avoid Extreme Temperatures:** Do not expose bulbs to excessively hot or cold environments.
- **Inspect Fixture Components:** Regularly check the socket and ballast for signs of wear or damage.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Bulb not turning on	Loose connection or faulty socket	Ensure the bulb is securely fitted and the socket is working
Flickering light	Ballast issue or voltage fluctuation	Check the ballast and ensure stable power supply
Light takes time to reach full brightness	Normal CFL behavior	Allow a few seconds for the bulb to warm up
Buzzing sound	Loose ballast or electrical interference	Secure the ballast and check for nearby electronic interference
Dim light output	Bulb reaching end of life	Replace with a new CF18DD bulb
Uneven lighting	Dust or dirt on the bulb	Clean the bulb with a dry cloth
Frequent burnouts	Overloaded circuit or incompatible ballast	Verify correct ballast and circuit load
Light turns off unexpectedly	Overheating due to poor ventilation	Ensure proper airflow around the fixture
Discoloration of light	Aging of the bulb	Replace if color shifts significantly
Light stays on even when switched off	Faulty switch or wiring issue	Inspect switch and wiring connections

PROS & CONS

PROS	CONS
High brightness of 1200 lumens	Not dimmable, limiting flexibility
Energy-efficient with 66.67 lumens per watt	Slight warm-up time before reaching full brightness
10,000-hour lifespan reduces replacement frequency	Contains small amounts of mercury, requiring proper disposal
Wide voltage compatibility (100-240V, 50-60Hz)	Requires a compatible fixture and ballast
Affordable pricing at \$15.99	CFLs are gradually being replaced by LEDs

WARRANTY

The Circle CF18DD Fluorescent Light Bulb comes with a **1-year limited warranty** covering defects in materials and workmanship. If the bulb fails prematurely under normal usage, Circle may provide a replacement or refund upon proof of purchase. Customers should check the warranty terms with the retailer or manufacturer for specific details.

FREQUENTLY ASKED QUESTIONS

Why is my Circle CF18DD Fluorescent Light Bulb flickering?

Flickering may be due to a faulty ballast, loose wiring, or an aging bulb. Check and secure the

connections or consider replacing the ballast.

What should I do if my Circle CF18DD Fluorescent Light Bulb does not turn on?

Ensure the bulb is securely installed, the power source is active, and the fixture is compatible with 18W CFL bulbs.

Why is my Circle CF18DD Fluorescent Light Bulb dim?

A dim bulb could indicate low voltage supply or a bulb nearing the end of its lifespan. Try using a different power outlet or replacing the bulb.

Why does my Circle CF18DD Fluorescent Light Bulb make a buzzing noise?

Buzzing may result from a defective ballast or power fluctuations. Consider using a different fixture or replacing the ballast.

How do I reset the app control for my Circle CF18DD Fluorescent Light Bulb?

Unplug the bulb for 5 minutes, then reconnect it and restart the app. If issues persist, try reinstalling the app and re-pairing the bulb.

How is the Circle CF18DD Fluorescent Light Bulb controlled?

The Circle CF18DD can be operated via a push-button switch and also supports app control for remote management.

What is the expected lifespan of the Circle CF18DD Fluorescent Light Bulb?

The Circle CF18DD has an average lifespan of 10,000 hours, ensuring long-lasting use.

What is the voltage requirement for the Circle CF18DD Fluorescent Light Bulb?

The Circle CF18DD supports 120V but is also compatible with a 100-240V range at 50-60Hz frequency.

References

- [User Manual](#)

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