

**COMYAN**

JDE11 DIMMABLE  
HALOGEN BULB



## Comyan JDE11 Dimmable Halogen Bulb User Guide

[Home](#) » [Comyan](#) » Comyan JDE11 Dimmable Halogen Bulb User Guide 

### Contents

- [1 Comyan JDE11 Dimmable Halogen Bulb](#)
- [2 INTRODUCTION](#)
- [3 SPECIFICATIONS](#)
- [4 WHAT'S IN THE BOX](#)
- [5 FEATURES](#)
- [6 SETUP GUIDE](#)
- [7 CARE & MAINTENANCE](#)
- [8 TROUBLESHOOTING](#)
- [9 PROS & CONS](#)
- [10 WARRANTY](#)
- [11 FREQUENTLY ASKED QUESTIONS](#)
- [12 References](#)

**COMYAN**

**Comyan JDE11 Dimmable Halogen Bulb**



## **INTRODUCTION**

The Comyan JDE11 Dimmable Halogen Bulb is a potent lighting option that offers smooth dimming, excellent color accuracy, and great brightness. This 75-watt halogen bulb, which has an E11 base and a T4 shape, is perfect for track lighting, desk lamps, ceiling fans, and chandeliers because it produces a warm 2800K glow with an amazing 1050 lumens of brightness.

It is ideal for spaces where exact lighting is crucial because of its 99 Color Rendering Index (CRI), which guarantees true-to-life color fidelity. Because the Comyan JDE11 bulb is dimmable, customers can change the brightness to suit their needs. This COMYAN-made lightbulb, which retails for \$11.99, was initially offered on August 8, 2019. It has an average lifespan of 1000 hours and runs on 120V with a frequency range of 100-120V, 60Hz.

## **SPECIFICATIONS**

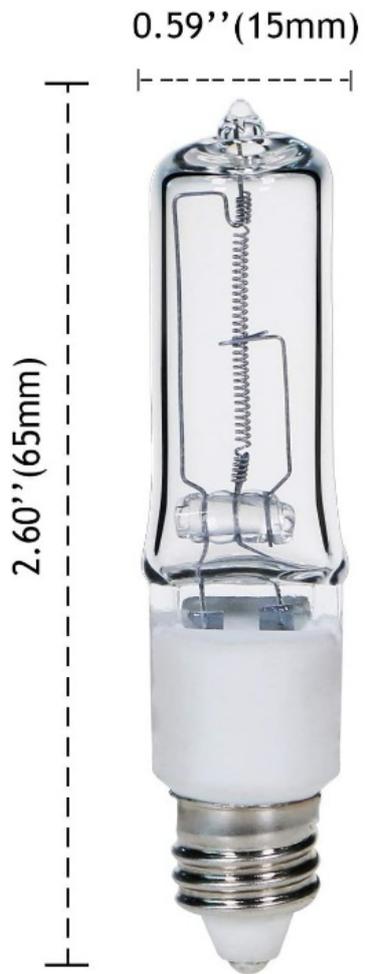
<b>Brand</b>	Comyan
<b>Price</b>	\$11.99
<b>Bulb Shape Size</b>	T4
<b>Bulb Base</b>	E11
<b>Voltage</b>	120 Volts
<b>Color Temperature</b>	2800 Kelvin
<b>Brightness</b>	1050 Lumen
<b>Color Rendering Index</b>	99
<b>Light Source Type</b>	Halogen
<b>Light Source Wattage</b>	75 Watts
<b>Product Dimensions</b>	5.5 W x 0.5 H inches
<b>Accepted Voltage Frequency</b>	100 to 120 Volts, 60 Hertz
<b>Control Method</b>	App
<b>Average Life</b>	1000 Hours
<b>White Brightness</b>	1050 Lumens
<b>Efficiency</b>	14 Lumens per watt
<b>Manufacturer</b>	COMYAN
<b>Item Model Number</b>	JDE11
<b>Date First Available</b>	August 8, 2019

## WHAT'S IN THE BOX

- Dimmable Halogen Bulb
- User Guide

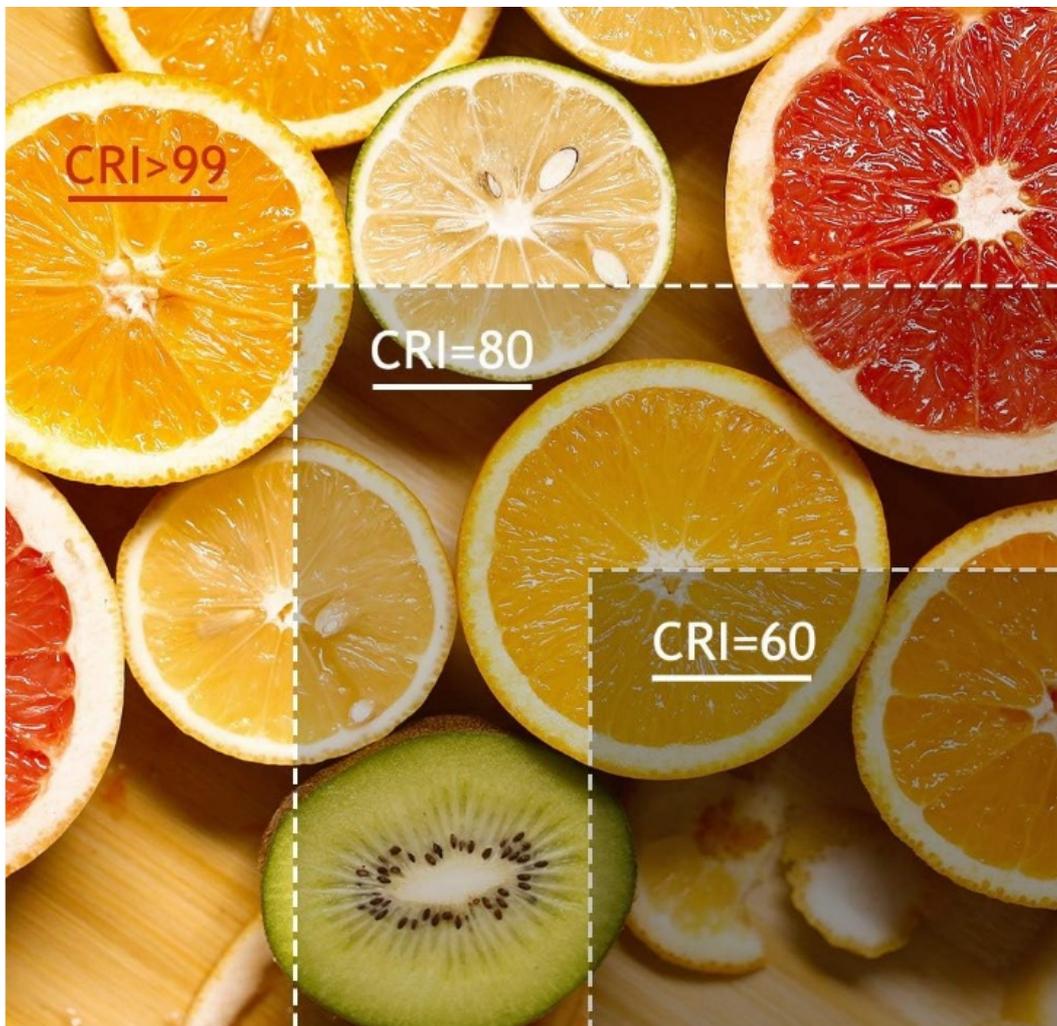
## FEATURES

- **High Brightness Output:** With a 1050 lumen output, it's perfect for places that need intense lighting.
- **Energy Efficiency:** 14 lumens per watt ensures effective use of energy.
- **Dimmable Compatibility:** This feature allows brightness adjustments and is fully dimmable with suitable dimmer switches.
- **Warm White Light:** Produces a warm, inviting atmosphere with its 2800K warm white radiance.
- **A 360-degree beam angle** ensures that there are no dark areas and that light is distributed evenly.
- **Premium Halogen Technology:** For increased brightness and durability, premium ecological halogen is used.
- The E11 Mini-Candelabra Base fits the majority of small socket fixtures since it has a standard E11 base.
- **Compact and Adaptable Design:** This device's 2.6" height by 0.59" width makes it ideal for confined locations.



 AC 120V	75W Watts
2800K TEMPERATURE	 1050 Lumen
 E11	 DIMMABLE
 360° ANGLE	$\geq 99$ Ra CRI

- A high CRI (Color Rendering Index) of 99+ guarantees accurate color reproduction in regions that are lit.



- Flicker-free lighting reduces eye strain by providing steady, even light that doesn't flicker.
- Safe for use in the home and environmentally friendly, it contains no mercury or hazardous materials.
- **Long Lifespan:** With three hours of daily use, it will continue to function consistently for a thousand hours.
- **Numerous illumination Applications:** Perfect for studio lights, cabinet illumination, table lamps, ceiling fans, and chandeliers.
- **Standard 120V Operation:** Uses power supply that are between 100 and 120V and 60 Hz.
- **Cost-effective and reasonably priced:** The average household spends about \$12 a year on energy.

## SETUP GUIDE

- **Turn Off Power:** Before installing, unplug the fixture or turn off the main power source.
- **Let the Fixture Cool:** If you are changing an outdated lightbulb, wait until it has cooled completely before removing it.
- **Verify Compatibility:** Make sure the fixture can accommodate 120V halogen lights and E11 bases.
- **Existing Bulb Removal:** Gently unscrew the old bulb without using too much force.
- **Examine the socket** to make sure it is clear of dust and corrosion.
- **To avoid oil buildup,** unpack the new bulb by handling it by the base rather than the glass.
- **Base Alignment:** Make sure the E11 mini-candelabra base is positioned correctly in the socket.
- **Screw in the Bulb:** Do not overtighten; instead, turn the bulb clockwise until it is snug.
- **Restore Power:** Either reconnect the power or turn on the light switch.
- Make sure the bulb goes on promptly and doesn't flicker when you test it.

- **To check compatibility**, slowly dim the brightness (if using a dimmer switch).
- **Check for Overheating:** To make sure the lightbulb doesn't overheat, let it run for a few minutes.
- Make sure there is adequate ventilation. If the lightbulb isn't made for enclosed fixtures, don't use it in them.
- **Verify Light Output:** Make sure the warm white glow and brightness live up to your expectations.
- **Secure Fixtures if Needed:** Make sure the lightbulb is stable in the socket if it is being used in moving lamps or chandeliers.

## CARE & MAINTENANCE

- **Turn Off Power Before Handling:** Prior to performing any maintenance or changing a lightbulb, always turn off the power.
- **Avoid Touching the Glass:** To avoid oil buildup, which can reduce lifespan, handle the lightbulb using a cloth or gloves.
- **Clean with a Dry Towel:** To get rid of dust, gently wipe the lightbulb with a clean, dry microfiber towel.
- **Avoid Using Harsh Cleaners:** Chemicals and liquid sprays might harm the surface of the lightbulb.
- **Keep an eye out for flickering;** if it happens, look for voltage variations, loose connections, or incompatibilities with dimmers.
- **Utilize in Open Fixtures** when at all possible, halogen lights should be properly ventilated because they generate heat.
- **Prevent Moisture Exposure:** Unless otherwise noted, keep the bulb dry and avoid using it in damp conditions.
- **Check for Socket Wear:** If the lightbulb dies too soon, look for loose wire or other damage in the socket.
- **Replace in Pairs:** Change the bulbs in multi-bulb fixtures simultaneously for uniform brightness.
- **Make Sure You're Using the Right Wattage:** Don't use more electricity than your fixture recommends.
- **Store Spares Correctly:** Store unused bulbs in a cool, dry location in their original box.
- **Turn Off while Not Needed:** By shutting off lights while not in use, you can prolong their lifespan and prevent heat accumulation.
- **Handle with Care:** Comply with local halogen light bulb disposal laws.
- **Use with the Right Dimmers:** For seamless dimming, make sure your dimmer switch is compatible with halogen.
- **Replace Immediately When Needed:** To preserve efficiency, replace the lightbulb if it becomes noticeably dim or burns out before 1000 hours.

## TROUBLESHOOTING

Issue	Possible Solution
Bulb not turning on	Ensure the bulb is properly screwed in and check the power switch.
Flickering light	Verify dimmer switch compatibility and secure the bulb properly in the socket.
Bulb burns out too quickly	Avoid frequent power fluctuations and excessive on/off cycling.
Overheating	Ensure proper ventilation and avoid enclosed fixtures that trap heat.
Dimming not working properly	Use a compatible dimmer switch designed for halogen bulbs.
Bulb produces uneven light	Clean the bulb surface and ensure proper positioning.
Light too harsh	Use a lower wattage or install a lampshade for diffusion.
Frequent bulb failures	Check for electrical surges and consider using a surge protector.
Socket damage after removal	Allow the bulb to cool before removing to prevent damage.
Buzzing sound when dimming	Try a different dimmer switch to reduce interference.

## PROS & CONS

Pros	Cons
High brightness (1050 lumens)	Shorter lifespan (1000 hours) compared to LEDs
Excellent color accuracy (CRI 99)	Generates more heat due to halogen technology
Dimmable for adjustable lighting	Consumes more energy (75W) than LED alternatives
Warm 2800K glow for a cozy ambiance	Requires an E11 socket, which may not be standard in all fixtures
Affordable price point	Not compatible with all smart lighting systems

## WARRANTY

The Comyan JDE11 Dimmable Halogen Bulb comes with a 30-day return policy and a limited manufacturer's warranty covering defects in materials and craftsmanship. Customers experiencing early failure or defects can contact COMYAN for a replacement or refund. The warranty does not cover accidental damage, misuse, or improper installation.

## FREQUENTLY ASKED QUESTIONS

What is the brightness output of the Comyan JDE11 Dimmable Halogen Bulb?

The Comyan JDE11 produces 1050 lumens, delivering high-intensity lighting for various applications.

What is the color temperature of the Comyan JDE11 Dimmable Halogen Bulb?

This halogen bulb emits a 2800K warm white light, offering a natural and cozy illumination.

How long does the Comyan JDE11 Dimmable Halogen Bulb last?

The average lifespan of the Comyan JDE11 halogen bulb is 1,000 hours, which is typical for halogen lighting.

What is the wattage and power consumption of the Comyan JDE11 Dimmable Halogen Bulb?

This halogen bulb operates at 75 watts, providing high-efficiency lighting with a 14-lumen efficiency rating.

What voltage and frequency does the Comyan JDE11 Dimmable Halogen Bulb support?

The Comyan JDE11 works within a 100-120V range at 60Hz, making it compatible with standard North American electrical systems.

What is the Color Rendering Index (CRI) of the Comyan JDE11 Dimmable Halogen Bulb?

With a CRI of 99, the Comyan JDE11 provides excellent color accuracy, making it ideal for applications where color fidelity is crucial.

How is the Comyan JDE11 Dimmable Halogen Bulb controlled?

This bulb supports App-based control, allowing users to adjust lighting settings via a compatible mobile application.

Why is my Comyan JDE11 Dimmable Halogen Bulb flickering?

Flickering may occur due to an incompatible dimmer switch, loose connections, or voltage fluctuations. Ensure you are using a dimmer rated for halogen bulbs and check for secure wiring.

## References

- [User Manual](#)

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