

TECHLONG 3D35IV 3D Moving Flame User Manual

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TECHLONG 3D35IV 3D Moving Flame



Launch Date: September 16, 2021.

Price: \$13.99

Introduction

The TECHLONG 3D35IV 3D Moving Flame is a state-of-the-art lighting system that doesn't use flames but is made to look like a natural, moving flame. This product uses cutting-edge 3D LED technology to make a lifelike flame effect that moves and sways, looking like real fire from all sides. You can use the TECHLONG 3D35IV instead of regular candles for a lot of different indoor uses, like home art, weddings, dinners, and holiday decorations. It is safer and uses less energy. The real wax on the outside of the candle gives it a realistic look, and the remote control makes it easy to use. The TECHLONG 3D35IV is great for making a nice and welcoming space because it has brightness and timer settings that can be changed. It can be used continuously for up to 1000 hours thanks to batteries that last a long time. The TECHLONG 3D35IV is a flexible, low-maintenance lighting option that is also easy to use and good for the environment, making it a great addition to any room.

Specifications

Model Number: 3D35IVNumber of Pieces: 2

• Manufacturer: TECHLONG

Number of Items: 1

• Indoor Usage Only (Not suitable for outdoor use)

• Specific Uses: Indoor decoration, weddings, Christmas decoration, dinner tables, fireplaces, lanterns

• Lamp Type: Ambient Light (Atmosphere light)

• Room Type: Living Room, Bedroom

· Shade Material: Any

• Material Type: Wax (Real Wax for authentic look)

• Base Material: Plastic

Installation Method: Freestanding (No installation required)

Item Weight: 10.65 ouncesBase Diameter: 3 Inches

• Item Dimensions (D x W x H): 3"D x 3"W x 5"H

• Color: Style A

• Item Shape: Pillar Candles

• Style: Modern

Finish Type: Polished
Shade Color: Any color
Wattage: 3 Watt-hours
Lighting Method: Uplight

• Control Method: Remote control

• Water Resistance Level: Not water resistant

• Brightness: 50 Lumens

• Cordless: Yes (Battery-operated)

• Electric: Yes

• Voltage: 3 Volts (DC)

• Controller Type: Remote Control (IR)

• Number of Light Sources: 2

• Mount Type: Tabletop

• Bulb Base: B15D

• Switch Type: Push Button

• Special Features: 3D Moving Flame Effect

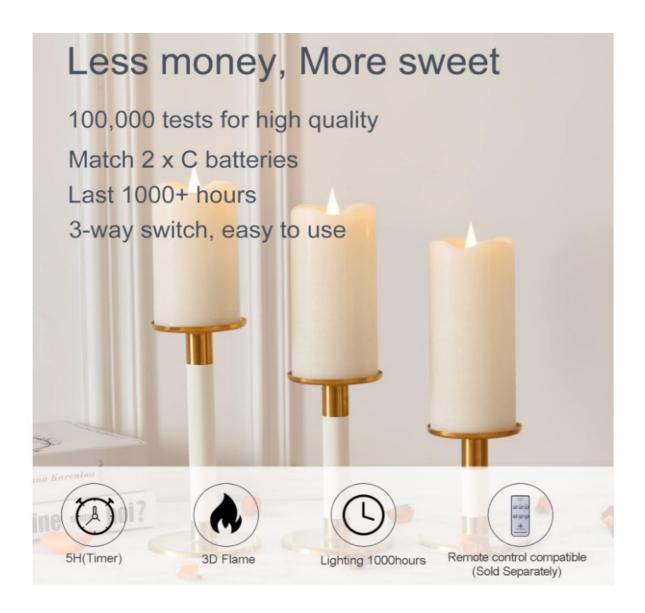
• Light Source Type: LED

• Power Source: Battery-powered (Requires 2 x C batteries, not included)

Package Includes

- 1 x TECHLONG 3D35IV 3D Moving Flame Light
- 1 x Power Adapter (AC to DC adapter)
- 1 x Remote Control (if applicable)
- 1 x User Manual
- 1 x Mounting Bracket (for wall or ceiling installation)
- 1 x DMX Cable (for DMX-enabled models)

Features



1. Realistic Flame Effect

The 3D moving flame technology uses innovative LED lighting to mimic the natural flicker, sway, and movement of real fire. The flame appears to dance in three dimensions, creating a lifelike effect that mimics the mesmerizing motion of a real flame from every angle. This provides a truly immersive experience, making it an excellent alternative to traditional candles or fire displays, without the associated risks.



2. Energy-Efficient LEDs

The TECHLONG 3D35IV uses **RGB** (**Red**, **Green**, **Blue**) **LEDs**, which are both energy-efficient and environmentally friendly. These LEDs consume less power compared to traditional incandescent bulbs or other lighting technologies while providing a vibrant, realistic lighting effect. The energy efficiency ensures longer battery life or reduced energy consumption when plugged in.

3. Adjustable Speed and Brightness

Many models, including the TECHLONG 3D35IV, offer customizable flame speed and brightness settings. This allows users to adjust the flicker intensity and the overall glow of the flame to match the desired ambiance or setting. Whether you're hosting an event or enjoying a quiet evening, you can tailor the flame's appearance to suit the mood.

4. Remote Control / DMX Control

The TECHLONG 3D35IV is designed for versatility in control.

- **Remote Control**: Most units come with an easy-to-use remote, allowing you to control the flame's brightness, speed, and other settings from a distance.
- **DMX512 Control**: For professional use in stage lighting, the device supports **DMX512**, a popular lighting control protocol used for theatrical lighting setups. This feature gives professionals complete control over multiple units, syncing them in a larger lighting display.

5. Indoor/Outdoor Use

Depending on the **IP rating** (Ingress Protection), the TECHLONG 3D35IV can be used both indoors and outdoors.

• IP20 (indoor use) models are great for homes, parties, or events.

• **IP65** (weatherproof models) are designed for use in outdoor environments, perfect for garden patios, festivals, or outdoor events. These units are robust and can withstand rain and dust exposure, adding versatility to their usage.

6. Multiple Color Options

unlike standard flame lights, the TECHLONG 3D35IV can simulate various flame colors, including **warm yellows**, **oranges**, **reds**, and even subtle hues like **blue and purple** for unique effects. This range allows for the simulation of realistic fire tones or even abstract flame colors for more artistic or themed displays.

7. Durability

This product is built for longevity, with **high-quality components** designed to operate continuously for long hours. The durable construction prevents overheating, even with extended use. The LEDs are rated for a lifespan of up to **50,000 hours**, ensuring years of use without needing replacements or repairs.

8. Upgrade 3D Moving Wick Technology

The TECHLONG 3D35IV features **patented 3D flame wick technology**, making the flickering effect appear natural and fluid from every angle. Unlike traditional flat-piece fake wicks, the **3D wick** is designed to move, sway, and flicker dynamically, creating an authentic and captivating flame appearance. This enhances the visual experience, making the flames look more lifelike than flat fake candles.

9. Real Wax Pillar Construction

The candles are encased in **real wax** pillars, providing an authentic texture and appearance that mimics traditional wax candles. Unlike cheap plastic alternatives, the real wax pillars are **thicker and more durable**, ensuring a premium look and feel. These candles also resist melting under high temperatures and perform well even in cold environments.

10. Long Battery Life

The TECHLONG 3D35IV is powered by **2 x C batteries** (not included) and can run for up to **1000+ hours** continuously or up to **200 days** when set on a 5-hour timer. This extended battery life eliminates the hassle of frequent battery replacements, providing convenience and reliability. The unit operates with **high-grade batteries**, ensuring consistent brightness and performance.

11. Easy to Use

This product is designed for user convenience. It includes:

- A three-way switch on the bottom, allowing you to turn the unit on/off or set it to a 5-hour timer for automatic operation.
- Remote Control (sold separately), which offers additional timer settings (4H/8H) and brightness adjustments. This means you can control the candles from a distance without having to touch the unit.

12. Safety and Relaxation

The flameless nature of the TECHLONG 3D35IV offers a safer alternative to traditional candles:

- No worries about fire hazards, smoke, or messy dripping wax.
- Ideal for households with children or pets, as there is no flame to cause burns or accidents
- Perfect for creating a relaxing, cozy atmosphere without the risks associated with open flames. The LED flicker effect provides the soft, calming glow of real candlelight.

13. Versatile Decorative Applications

The TECHLONG 3D35IV moving flame lights are perfect for various settings and events:

Dinner table decorations: Add a cozy ambiance to your dining table without the mess or danger of real
candles.

- Weddings, birthdays, and holidays: These flameless candles create a beautiful and romantic atmosphere for special occasions.
- Home and garden décor: Place the candles on your mantelpiece, patio, or in outdoor lanterns to enhance the aesthetic appeal of your home.
- Theme parties: Create an elegant, fire-lit ambiance for themed events, whether it's Halloween, Christmas, or a romantic evening

Premium Quality & Brand Commitment

TECHLONG has over **20 years of experience** in the production of premium flameless candles, and it is committed to providing consumers with the highest quality products. The company takes care of every detail, from **product design** and **material selection** to **testing**, **packaging**, and **shipping**. Each unit is crafted with precision to ensure an exceptional user experience, backed by a solid warranty and customer support.

Warming Tips

- When you first receive the flameless candles, ensure they are functioning correctly.
- Remove any protective circles or plastic tags from the wick and remote control compartments before use.
- Remote control only works when the candles are in the "ON" position.
- For outdoor use, make sure the unit has the appropriate **IP rating** for weather resistance.

Usage

- Home Décor: Set it up in living rooms, patios, or fireplaces to enhance the atmosphere with a cozy flame
 effect.
- Stage and Event Lighting: Create an ambient fire effect for theatrical productions, concerts, and festivals.
- Outdoor Settings: Use it in gardens, terraces, or outdoor events to simulate a safe, realistic flame without the danger of real fire.
- Bars and Restaurants: Add a warm, inviting touch to tables, booths, or lounge areas.

How to Use:

- 1. Connect the unit to a power source using the included adapter.
- 2. Adjust the flame settings using the remote control (or DMX controller if applicable).
- 3. Place the unit in the desired location, either standing upright, mounted on a wall, or suspended from a ceiling.
- 4. Enjoy the mesmerizing flame effects.

Care and Maintenance

- 1. **Cleaning**: Regularly clean the unit using a soft, dry cloth to remove dust or dirt. For more stubborn grime, use a slightly damp cloth. Avoid harsh chemicals or abrasive materials that could scratch the surface.
- 2. **Storage**: If you need to store the unit, ensure it is kept in a cool, dry place. Avoid placing it in areas with high humidity or extreme temperatures.
- Prevent Overheating: Ensure the ventilation holes are not blocked and allow the unit to cool down after prolonged use.

4. **LEDs**: The LEDs are designed to last for many years, but if one fails, contact the manufacturer or an authorized repair service for replacement.

Troubleshooting

Issue	Cause	Solution
Flame Not Displ aying	Unit is not powered or power connection is loose.	Ensure the power source is connected and working. Test the outlet or replace batteries.
Flame Effect Is Dim	Low battery or brightness setting is t oo low.	Replace batteries with fresh ones or adjust the bright ness level using the remote control.
Remote Control Not Working	Dead battery in remote or out of ran ge.	Replace the remote's battery and ensure it is within the operating range of the unit.
Flame Flickering Unnat urally	Poor power supply or overheating.	Check the power supply, and allow the unit to cool down if it's been running for long periods.
Flame Stopped Suddenly	Timer mode or battery depletion.	Verify if the timer was set to turn off automatically, or replace depleted batteries.
Candle Won't Tu rn On	The switch is in the wrong position.	Make sure the switch is in the "ON" position.
Unit Overheatin g	Continuous use without proper ventilation.	Turn off the unit to cool it down and ensure it is place d in a well-ventilated area.
Flame Color Not Changing	Remote control is malfunctioning or the settings need adjustment.	Check if the remote is functioning properly and set the desired flame color.
Remote Not Res ponding	Interference or remote not synced.	Ensure there are no obstacles between the remote a nd unit, and check if the remote is paired.
Candle Is Flicke ring Erratically	Loose or damaged internal wiring.	Inspect the unit for visible damage. If the issue persis ts, contact TECHLONG for assistance.
Unit Emits No Li ght	Internal LED failure or battery issue.	Replace the batteries or contact TECHLONG if the L EDs are malfunctioning.
Candle Base Is Loose	Loose connection between the base and the body.	Tighten the base or contact TECHLONG for further in spection.
No Response fr om Timer	Timer settings may not have been p roperly set.	Ensure the timer is correctly configured and try resett ing it.
Flame is Too Bri ght/Dim	Incorrect brightness setting.	Adjust the brightness using the remote or the unit's c ontrols.
Candle Melting	Incorrect storage conditions (excessive heat).	Store the candle in a cool, dry place to avoid deformation of the wax.

Pros and Cons

Pros	Cons
Realistic flame effect	Indoor use only
Long-lasting battery life	Requires batteries (not included)
Safe alternative to traditional candles	Limited color options
Easy to operate with remote control capability	May be more expensive than non-flameless options

Warranty

The TECHLONG 3D35IV comes with a standard one-year warranty covering manufacturing defects. Please retain your purchase receipt for warranty claims.

FAQs

What is the TECHLONG 3D35IV 3D Moving Flame?

The TECHLONG 3D35IV is a flameless LED candle that uses 3D moving flame technology to simulate a realistic, flickering flame effect without the risks of a real fire.

How long does the TECHLONG 3D35IV last on a single set of batteries?

With high-quality batteries, the TECHLONG 3D35IV can last up to 1000+ hours of continuous use, or about 200 days with the 5-hour timer feature.

Can I use the TECHLONG 3D35IV outdoors?

The TECHLONG 3D35IV is intended for indoor use only, but check for outdoor models with an IP65 rating if you want to use it outdoors.

What type of batteries does the TECHLONG 3D35IV require?

The TECHLONG 3D35IV requires 2 x C batteries for operation.

What is the size of the TECHLONG 3D35IV?

The TECHLONG 3D35IV has a 3-inch diameter and stands 5 inches tall.

How do I set the timer on the TECHLONG 3D35IV?

You can set the TECHLONG 3D35IV to a 5-hour timer by using the remote control or the push-button switch located on the bottom of the unit.

What color options does the TECHLONG 3D35IV provide for the flame?

The TECHLONG 3D35IV typically emits warm yellow, orange, and red tones, simulating the colors of a real flame.

What materials are used in the TECHLONG 3D35IV?

The TECHLONG 3D35IV is made with a real wax exterior for authenticity and a plastic base for durability.

How do I clean the TECHLONG 3D35IV?

Clean the TECHLONG 3D35IV by wiping it with a soft, dry cloth. Avoid harsh chemicals to protect the wax finish.

References

• User Manual

Manuals+, Privacy Policy

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