



# Endeavor™ 120V Cove Light

Product Data Sheet



 Please read all instructions carefully before installation.

## Description

The Endeavor™ 120V Cove Light fixture features fully diffused illumination, perfect for both general and task lighting. Each fixture is color selectable, so you can set your fixtures to emit 3000K, 3500K, or 4000K white light. This product features adjustable mounting brackets that give you control over the desired angle of the light in your space. Multiple fixtures can be linked together up to 300W to create longer runs of continuous light.

  
**Selectable Color Temperature:**  
 3000K, 3500K, & 4000K

 5-Year Warranty



Title 24 is regulated for lamps with color temperatures 4000K and below

## Product Features

Input Voltage	120V AC / 50~60 Hz
Efficacy	Up to 104 lm/W for 1 ft fixture Up to 98 lm/W for 2 ft fixture
Brightness	Up to 1,043 lm per 1 ft fixture Up to 1,960 lm per 2 ft fixture
Color Rendering Index (CRI)	Up to 94
Beam Angle	120 degrees
Ambient Temperature	-4°F to 122°F (-20°C to 50°C)
Maximum Run Length	300W of any combination of fixture lengths (~30 ft)
IP Rating	IP20 indoor/dry location use only
Fixture Color	White
Dimmable	Yes, see compatible dimmers below
Lengths	1' 3/8" and 2' 3/8"

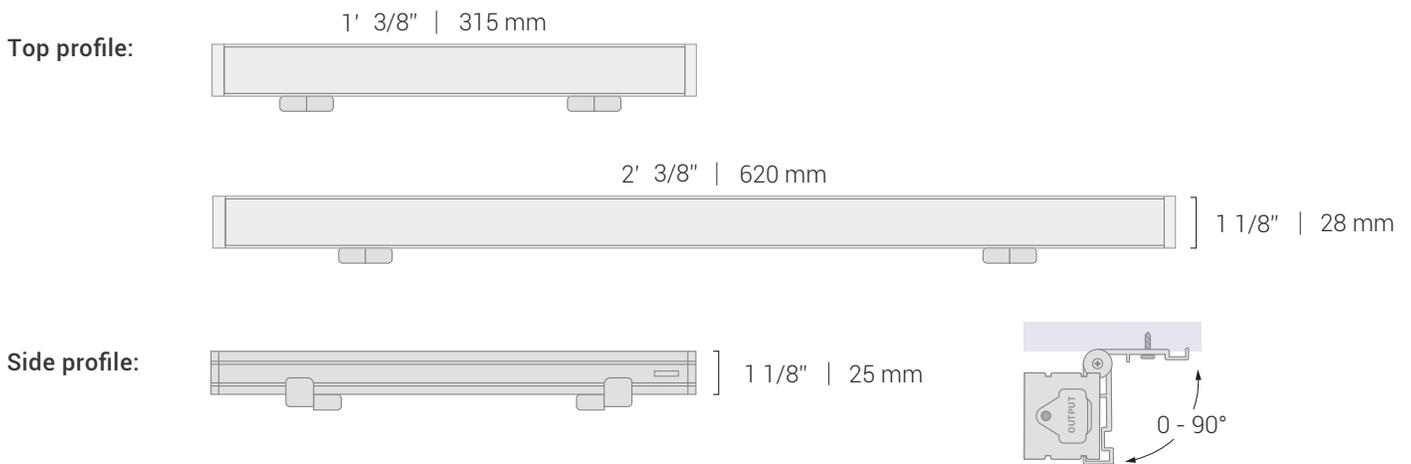
## Product Specifications

Product SKU	Length	Color CCT	Watts/ Fixture	Lumens/ Fixture	Luminous Efficacy (Lumen/Watt)	CRI	Gamut Score (Rg)	Relative Fidelity Score (Rf)	TLCI
END-MULTI-120V	1 ft	3000K	10W	941 lm	94 lm/W	93	97	92	91
		3500K	10W	1043 lm	104 lm/W	94	98	91	93
		4000K	10W	1035 lm	104 lm/W	93	97	91	92
END-MULTI-120V	2 ft	3000K	20W	1705 lm	85 lm/W	93	97	92	91
		3500K	20W	1960 lm	98 lm/W	94	98	91	93
		4000K	20W	1882 lm	94 lm/W	93	97	90	91

## Ordering Code

Brand	CCT	Voltage	Length
<b>END</b> Endeavor™	<b>MULTI</b> Multiple color temperatures	<b>120V</b>	<b>01FT</b> - 1' 3/8" fixture <b>02FT</b> - 2' 3/8" fixture

## Dimensions



Included with Light Fixture:

-   
**X1**  
 End-to-End Connector
-   
**X2**  
 Adjustable Mounting Brackets
-   
**X2**  
 Wall Anchors
-   
**X2**  
 Mounting Screws
-   
**X1**  
 Mini Hex Wrench

## Accessories (Sold Separately)

Product SKU	Product Description	Diagram
END-PLUG-72IN	Endeavor™ Plug and Play Power Cable - 6 FT	
END-C1-72IN	Endeavor™ Hardwire Power Cable - 6 FT	
END-C2-6IN	Endeavor™ Jumper Cable - 6 IN	
END-BOX	Endeavor™ Junction Box for Hardwired Installations	

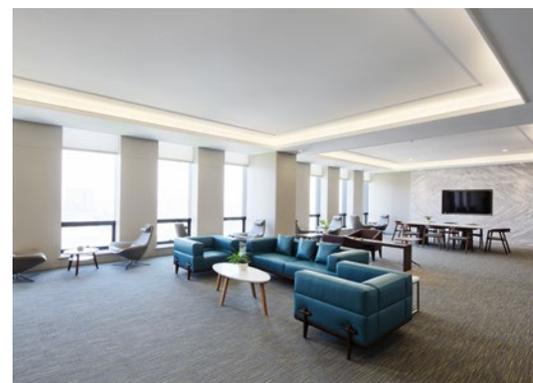
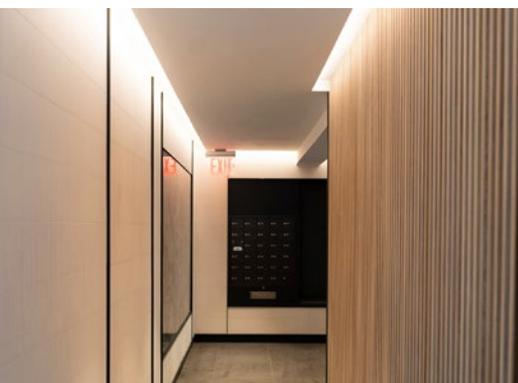
## Compatible Dimmers

As a service to our customers, we maintain a list of third-party dimmers that we believe to be compatible with our products, based on our in-house testing. We list a dimmer as compatible when we see that the dimmer dims our product smoothly and without apparent flickering. However, the compatibility list is not a guarantee, and many factors can affect product compatibility. Some dimmers we list as compatible may cause some of our products to emit a slight buzzing noise. If this is an issue in your particular installation, you may wish to consider choosing another dimmer. For example, we have found ELV or "reverse-phase" dimmers to be ideal for LED lighting, and these types of dimmers can often greatly reduce or eliminate noise.

**Dimmers that we have found to be compatible with this 120V product include:**

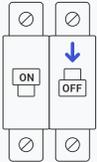


\*Flexfire LEDs' top choice for compatibility



# Installation Instructions

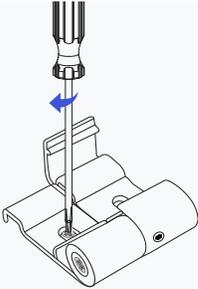
**01.**



**CAUTION: Risk of electric shock**

**Turn power off at circuit breaker:**  
Make sure to turn the power off at the circuit breaker to avoid any possible injury before installing the Endeavor™ 120V Cove Light.

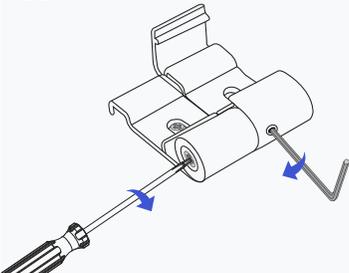
**02.**



**Secure mounting brackets to the surface:**  
Measure and mark the surface where you want to install the cove light fixture. Then, install the adjustable mounting brackets using the included screws and a Phillips head screwdriver (not included).

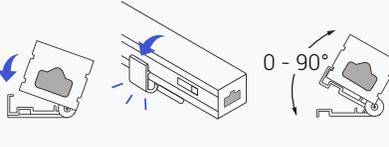
**Note:** It is recommended to use at least 2 mounting brackets per fixture regardless of the fixture length.

**03.**



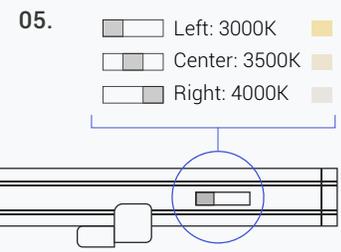
**Loosen mounting bracket screws:**  
If you are planning to install the cove light at an angle, loosen the screws within the mounting brackets with the hex wrench (included) and a Phillips head screwdriver to be able to adjust the angle on the fixture.

**04.**



**Attach the fixture to the mounting bracket:**  
Insert the back edge of the Endeavor™ fixture and push down the front edge until it is secured into the mounting bracket. Angle the mounting bracket to adjust the cove light into the desired position and tighten the mounting bracket screws using the hex wrench and a Phillips head screwdriver.

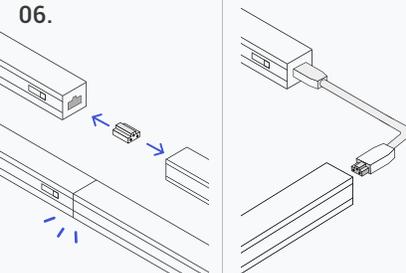
**05.**



Left: 3000K	Center: 3500K	Right: 4000K
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**Select the desired color temperature:**  
Use the switch on the side of the cove fixture to select the desired color temperature.

**06.**

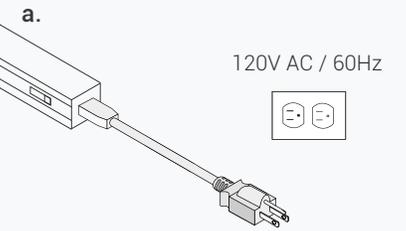


**Connect multiple fixtures:**  
You may link multiple cove fixtures up to 300W (approximately 30 feet). If connecting on a straight run, use the end-to-end connector included with your fixture. If going around a corner or jumping a small gap, use the 6" jumper cable (sold separately).

**Note:** If you want all your fixtures to have the same color temperature, each one should be set to the same color temperature.

**07. Connect to power:**

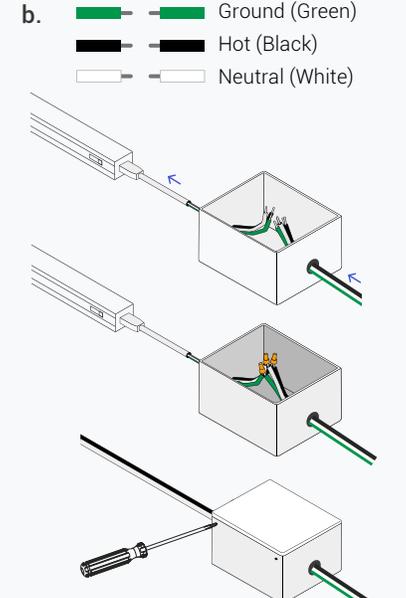
**a.**



120V AC / 60Hz

If you are going to plug your fixtures into an outlet, attach the 6 foot long Endeavor™ Plug-and-Play Power Cable (sold separately) to the Endeavor™ 120V Cove Light to power the fixture using an existing 120V AC outlet.

**b.**



- Ground (Green)
- Hot (Black)
- Neutral (White)

If you are going to hardwire your fixtures, attach the 6 foot long Endeavor™ Hardwire Power Cable (sold separately) to the Endeavor™ 120V Cove Light to hardwire the fixture directly to 120V AC. Then, insert the wires into the Endeavor™ Junction Box for hardwired installations and secure the connections with wire nuts. Use a head screwdriver to screw the top cover of the junction box to secure it.

**08. Turn on your lights:**  
Turn power back on at circuit breaker and or turn on the AC power to your plug to turn your fixtures on. Check that the brightness, angle and color temperature is perfect for your application.

## Safety And Disclosures

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01. To meet UL and NEC requirements, hardwiring this product to AC requires the Endeavor™ Junction Box.
02. Installation must be in accordance with National Electrical Code (NEC) and local regulations.
03. To ensure safety and correct installation, this product is intended to be installed by a qualified, licensed electrician.
04. This product is designed to work with 120V AC Power Input. Do not attempt to use a remote AC/DC or AC/AC Driver.
05. Suitable for indoor use, dry locations only.
06. Do not place excessive pressure on the fixture.
07. Do not connect additional fixtures beyond the recommended number. Each maximum run requires a dedicated 120V power feed.
08. Do not install if product has any visible damage.
09. Use a soft, dry cloth for cleaning.
10. Do not modify or disassemble the product beyond instructions or the warranty will be void.

## Warranty Information

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### Limited Warranty

This product has a 5-year limited warranty from the date of shipment. This warranty only includes the main product outlined in this specification sheet and does not include the additional accessories that are used as a reference. Complete warranty details for fixtures and additional accessories are available at <https://www.flexfireleds.com/warranties/> within the Policies section. For warranty related questions please contact the product support team at (support@flexfireleds.com).

### Consumer's Acknowledgment

Flexfire LEDs, Inc. stands behind its products when they are used properly and according to our specifications. When you purchase our products, you are agreeing to the terms and conditions outlined in our warranty section. We try our best to make recommendations, but the burden of proper installation, design, and maintenance relies on the purchaser. This limited warranty does not include product failures that are the result of: Connecting LED products to the wrong output voltage; Improper connection of power, LED products, or controls; Connecting LED products or controls directly to any AC power source if they are stated for DC only input; Connecting power backwards to an AC power source; Products used in an inappropriate location or in environmental conditions (temperature, humidity, moisture, etc.) outside the normal specified range; Water damage to products not specifically sold as waterproof products; Electrical power surges and spikes; Damage from hail, flooding, tornado, fire, wind, earthquake, lightning, electrical storm, or any other natural disasters or "force majeure" incidences; Damage caused by a vehicle or other accident; Damage caused when transporting the item; Damage to any products that were modified by the user, used for purposes other than as intended or directed, or connected to LED systems or components not purchased from Flexfire LEDs; Products that have been subjected to misuse, mishandling, misapplication or accident. Products used in connection with any components, devices or systems other than those explicitly approved as compatible with Company's products and listed on Company's website. Excessive wear and tear and/or physical or accidental abuse, loss, or theft. Improper repairs or warranty services performed by someone other than Flexfire LEDs will void this warranty.



## Contact Information



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