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unoColor Cove  
ITEM# 112-000001-00, Red (12-inch)  
112-000001-01, Green (12-inch)  
112-000001-02, Blue (12-inch)  
112-000001-03, Amber (12-inch)  
112-000002-00, Red (6-inch)  
112-000002-01, Green (6-inch)  
112-000002-02, Blue (6-inch)  
112-000002-03, Amber (6-inch)

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PUB-000076-00 Rev 00

Specifications subject to change without notice.



## GETTING STARTED

Welcome to a more colorful world brought to you by Color Kinetics.

This guide contains important information not only on operating your new unoColor Cove, but also on using it safely. For your protection, please read it carefully before embarking on your colorful adventure. There are very few rules, but those that exist are there for your safety. This guide will show you how to get the most out of your cove lighting.

## Included In This Box

- (10) unoColor Cove light fixtures
- (10) Mounting brackets
- (20) #6 mounting screws
- Installation Guide

## Additional Items Needed

- unoColor Cove Power Supply (ITEM #: 109-000011-00). This power supply is available from Color Kinetics and contains a 70 foot master cable.
- Tools (screw gun, pliers, wire cutters)

## INSTALLING unoCOLOR COVE

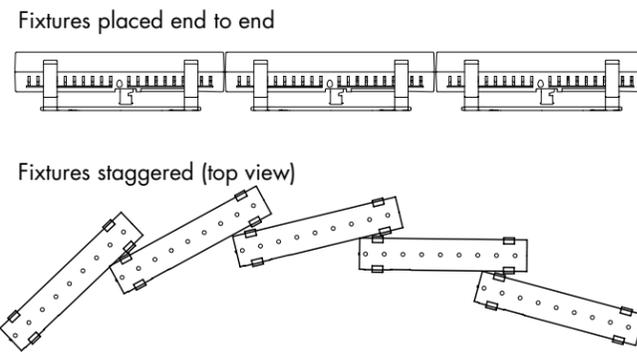
**WARNING:** unoColor Cove should be installed by a qualified electrician in accordance with NEC and relevant local codes. See the "Safety Precautions" section of this guide for more information.

### INSTALLATION CONSIDERATIONS

Before installing unoColor Cove fixtures:

- Measure the cove area to be lit, and determine the number of six- and twelve-inch segments needed. The best lighting effect is produced when the fixtures are butted end to end. Staggered placement works well when manipulating corners. See Fig. 1.

Fig. 1



## Installing unoColor Cove

**WARNING:** Ensure the power is off before installing unoColor Cove. Failure to do so can result in serious personal injury and major property damage.

### STEP 1: DETERMINE THE LOCATION OF THE POWER SUPPLY

- Determine a location out of direct view for the power supply.
- One power supply is needed for every thirty 12-inch unoColor Cove fixtures, and every fifty 6-inch fixtures.
- The power supply can be located up to 40 feet from the first light in the fixture series.

### STEP 2: MARK PATH AND INSTALL MOUNTING BRACKETS

- Using a pencil or chalk line, mark a centerline path for the fixtures to follow. Fixtures can be installed on a horizontal or vertical surface to accommodate your lighting environment.

**Note:** The mounting brackets are designed with a channel to manage the cable harness. Cable management should be considered when installing the mounting brackets.

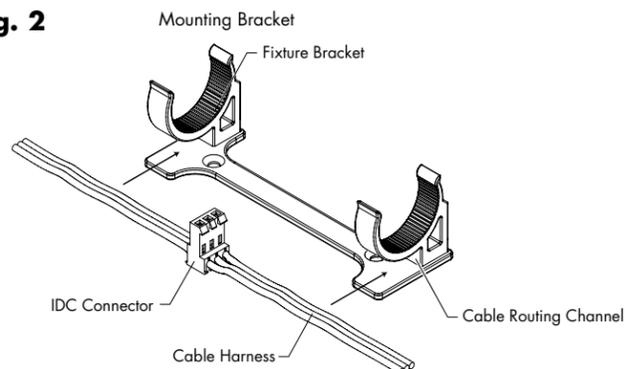
- Using the provided #6 screws, attach the mounting brackets along the centerline path. Refer to the "light points up" and "light points down" indicators on the mounting bracket for the best installation for your application.

**Tip:** If installation location or conditions prevent you from center mounting the light fixtures, you can slide the bracket to accommodate the light and the surrounding surface ensuring that the mounting bracket does not cover or obstruct the mounting cable. If necessary, you can cut the mounting bracket to create two individual brackets.

### STEP 3: INSTALL CABLE HARNESS

- Run the cable harness along the mounting bracket path, utilizing the cable harness channel. See Fig. 2.

Fig. 2



**Note:** One unoColor Cove power supply supports a 70-foot master cable, and each master cable supports up to thirty 12-inch fixtures or fifty 6-inch fixtures. If your installation requires more than thirty fixtures, additional connectors can be purchased from Color Kinetics. Installations larger than thirty 12-inch or fifty 6-inch fixtures will require additional power supplies.

**Important:** In any wiring configuration, the master cable run must not exceed 70 feet per power supply.

### STEP 4: CONNECT AND MOUNT LIGHT FIXTURES

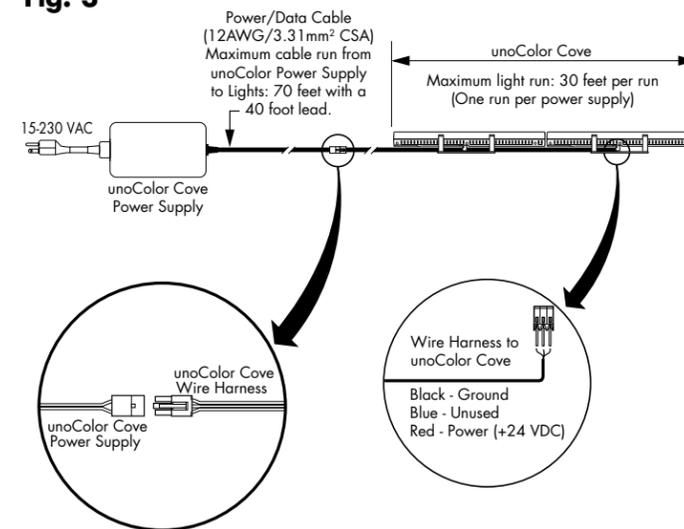
- Attach the IDC connector nearest the power supply to an unoColor Cove fixture. Snap the fixture into the the first mounting bracket in the series. Use the cable channel on the mounting bracket to manage the cable harness as shown in Fig. 2.
- Continue connecting and mounting light fixtures to complete your fixture installation.

**Tip:** If all connectors on the harness are not used, terminate the cable harness by cutting it to length near the last connected light. This removes unused connectors which could effect the performance of your lights.

### STEP 4: CONNECT LIGHTS TO THE POWER SUPPLY

- Once the lights are attached to the harness and positioned in the mounting brackets, attach the cable harness to the power supply, see Fig. 3.

Fig. 3



The installation is complete and you are ready to begin enjoying your new Color Kinetics unoColor Cove lights.

If any problems occur during usage, unplug the product immediately and call or email:  
Color Kinetics Technical Support Group:  
1-888-FULL RGB or 617-423-9999 or  
support@colorkinetics.com

## unoCOLOR COVE SPECIFICATIONS

<b>SOURCE</b>	High Brightness Red, Green, or Blue LEDs
<b>BEAM ANGLE</b>	110° X 40°
<b>HOUSING</b>	Vented plastic
<b>CONNECTORS</b>	IDC connector for use with master cable; master cable unterminated
<b>LISTINGS</b>	CE certified
<b>WEIGHT</b>	12": 4.5oz (135g); 6": 2.3oz (69g)
<b>DATA</b>	IDC connector
<b>PWR CONNECTOR</b>	IDC connector
<b>PWR REQUIREMENT</b>	Maximum 12-inch: 1.7 Watts, Red; 2.5 Watts, green and blue; Maximum 6-inch: 0.9 Watts, Red; 1.3 Watts green and blue

<b>DIMENSIONS</b>	
HOUSING LENGTH	12": (304mm); 6": (152mm)
HOUSING DIAMETER	1.125" (29mm)
OVERALL HEIGHT	1.652" (42mm)
OVERALL WIDTH	1.477" (38mm)

### Do Not

- Hot swap.
- Block vents on either side of the unit.
- Insert anything into these openings.
- Paint, dye, repackage or alter the physical housing.
- Use this unit near high humidity or water or expose it to rain.
- Store units in dirty, dusty areas.
- Bend or force the pins on your unoColor Cove.

### Do

- Ensure the vents are clear and unobstructed.
- Operate your unoColor Cove only in places where sufficient airflow to cool the unit is present.
- Keep the unit dry. Precipitation, humidity and liquids contain minerals that corrode electronic circuits.
- Have fun with the unoColor Cove.

### SOURCE LIFE

Color Kinetics illumination products utilize high brightness LEDs as the illumination source. LED manufacturers predict LED life of up to 100,000 hours MTBF (mean time between failure), the standard used by conventional lamp manufacturers to measure source life. However, like all basic light sources, LEDs also experience lumen depreciation over time. So while LEDs can emit light for an extremely long period of time, MTBF is not the only consideration in determining useful life. LED lumen depreciation is affected by numerous environmental conditions such as ambient temperature, humidity and ventilation. Lumen depreciation is also affected by, thermal management, current levels, and a host of other electrical design considerations.

Color Kinetics systems are expertly engineered to optimize LED life when used under normal operating conditions [ambient temperature: -4° F to 104° F (-20° C to 40° C), humidity: 0-95% non-condensing humidity, adequate ventilation and air volume.] Long-term operation outside of these ranges or conditions, or at the upper limits of these ranges or conditions, may subject the product to further degradation of the LED source life, or in extreme cases, failure of internal components. Source life information is based on LED manufacturers' data, as well as other third party testing.

### WARNING

Do not open, alter or tamper with the product case. This will void the manufacturer's warranty. To avoid electrical shock, never open the unoColor Cove case. Do not attempt to service the electronic components yourself. Non-expert handling may damage the product and cause injury to the user.

### One Year Limited Hardware Warranty

Color Kinetics Incorporated warrants its products, if properly used and installed, will be free from defects in materials and workmanship and will substantially conform to Color Kinetics' publicly available specifications for a period of one (1) year after the date the product was purchased by the end user.

If the product fails during the warranty period, purchaser's remedy under this limited warranty shall be at Color Kinetics sole election:

- Repair the product by means of hardware and/or software or
- Replace the product with another product or
- If Color Kinetics is unable to repair or replace the particular product, refund the then current value of the product.

This limited warranty does not cover damages due to external causes, including, but not limited to, accident, problems with electrical power, usage not in accordance with product instructions, misuse, neglect, modification, repair, improper installation, or improper testing. Color Kinetics is not responsible for indirect, incidental, or consequential damages resulting from any breach of warranty or under any other legal theory including, but not limited to, lost profits, downtime, goodwill, damage to or replacement of equipment and property.

To obtain warranty service, you may contact your distributor in accordance with its instructions, or you may contact Color Kinetics. To request warranty service you should call Color Kinetics during the warranty period. Proof of purchase or registration is required. When calling within warranty, please provide:

- 1) Your name, shipping address, and telephone number
- 2) A description of the model and serial number
- 3) An explanation of the problem

A Return Authorization (RA) number & ship-to address will be provided to send the product back.

The warranty and remedies set forth above are exclusive and in lieu of all others, whether oral or written, express or implied. Color Kinetics specifically disclaims any and all implied warranties, including, without limitation, warranties of merchantability and fitness for a particular purpose. No Color Kinetics distributor, dealer, agent or employee is authorized to make any modification, extension, or addition to this warranty. This warranty gives you specific legal rights, and you may also have other rights that vary from jurisdiction to jurisdiction.