

# ColorDial Pro

Date: \_\_\_\_\_  
Type: \_\_\_\_\_  
Firm Name: \_\_\_\_\_  
Project: \_\_\_\_\_

## CONTROLLER

### Easily configure and control LED light shows

ColorDial Pro is an Ethernet-based, stand-alone lighting controller and interface for intelligent RGB and intelligent white (iW) LED lighting luminaires from Color Kinetics. Featuring an enhanced LCD screen for configuring effects and simple dial-and-button controls, ColorDial Pro offers fingertip triggering of full-color light shows and dynamic lighting effects.



- Power over Ethernet for increased flexibility — Power over Ethernet (PoE) enables both electrical power and data to be transmitted over a single twisted-pair cable. Shared cabling reduces installation costs, decreases the space required for wires, and affords freedom of placement by eliminating wiring to a power source. ColorDial Pro works with the PoE-compliant switch or PoE injector offered by Color Kinetics, or with any PoE-compliant switch or injector.
- Simple installation with a single Ethernet connection — Mounts in included standard U.S. single-gang wall box. Uses a single CAT 5e cable for data and power with no additional wiring required.
- New Fixed White effect for iW luminaires — New Fixed White effect lets you control the brightness and color temperature (relative warmth or coolness) of intelligent white (iW) light LED luminaires from Color Kinetics.
- Eight onboard effects and 16 configurable scenes — ColorDial Pro uses onboard lighting effects, eliminating the need for an external data source. Select from eight effects, and adjust effect settings such as color, speed, and intensity as desired. Store up to 16 sets of effects and settings as scenes, eight for RGB and eight for iW. Recall scenes at the touch of a button.
- Expanded addressing — ColorDial Pro controls one DMX universe of 512 DMX channels.
- Fingertip dimming and on / off control — Easily adjust brightness from 0% to 100%, or turn connected lights on and off.
- Compatible with Ethernet Controller Keypad — Remotely trigger scenes, adjust brightness from 0% to 100%, and turn connected lights on and off.
- Compact design with sleek Decora faceplate — Compact design uses wall space efficiently. Decora faceplate hides mounting hardware for a clean look that blends with a variety of architectural styles.

For more information, please refer to  
[www.colorkinetics.com/ls/controllers/colordialpro/](http://www.colorkinetics.com/ls/controllers/colordialpro/)

# Specifications

Due to continuous improvements and innovations, specifications may change without notice.

## Control

Ethernet  
10BASE-T from any PoE- or IEEE 802.3af-compliant Ethernet switch. PoE injector required for use with non-IEEE 802.3af-compliant switches

## Capability

Maximum RGB Nodes Supported  
1 universe of 512 DMX addresses, for a total of 170 individually controllable RGB nodes

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Playback Output      Eight pre-programmed, modifiable effects

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Storage      16 scenes (sets of effects and effect settings), 8 for RGB luminaires and 8 for iW luminaires

## Physical

Dimensions      119 x 74 x 51 mm (4.7 x 2.9 x 2 in)  
*(Height x Width x Depth)*

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Weight      59 g (2.06 oz)

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Housing      Medium matte white plastic Decora style faceplate  
Mounts in standard single-gang wall box

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Connector/Cable      RJ45 Port, CAT 5e Data Cable (not included)

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Operating Temperature      -10 to 40 °C (14 to 104 °F)

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Humidity      0 to 95%, non-condensing

## Certification and Safety

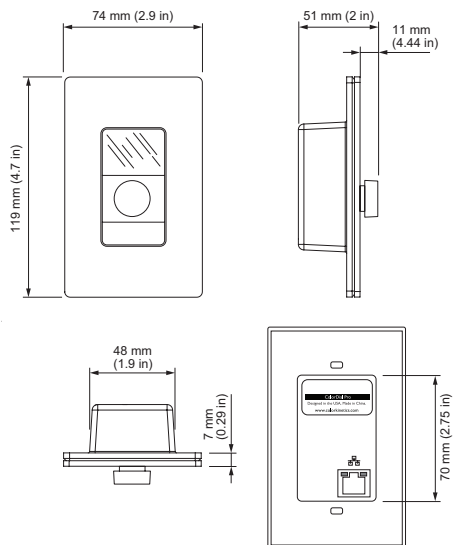
Certification      UL/cUL, CE, C-Tick, SAA

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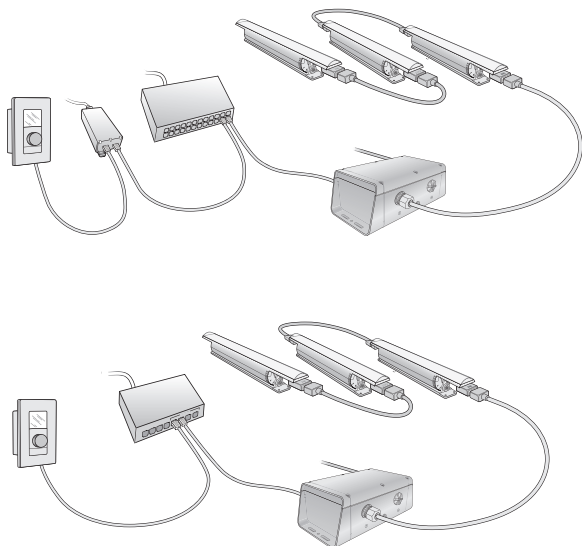
Environment      Dry Location, IP40



# Dimensions




## Typical ColorDial Pro Installation



## RGB Effects

-  **Fixed Color** — Displays a single color on all luminaires. ColorDial Pro dial adjusts effect brightness.
-  **Variable Color** — Displays a single color on all luminaires. ColorDial Pro dial adjusts RGB value.
-  **Color Wash** — Produces a smooth hue transition on all luminaires simultaneously, progressing through the color spectrum.
-  **Rainbow Wash** — Produces a smooth hue transition through the color spectrum. Colors appear to follow each other from luminaire to luminaire.
-  **Custom Wash** — Produces a smooth color transition on all luminaires simultaneously, progressing through two to six selected colors.
-  **Random Color** — The Random Color effect creates jump transitions between random colors, at specified intervals.
-  **RGB White** — Displays RGB white light on all luminaires, with user-specified color temperature.

## iW Effect

-  **Fixed White** — Displays white light on all iW luminaires, with user-specified color temperature.

# Ordering Information

Use Item Number when ordering in North America.

## Controller

	Item Number	Item 12NC
ColorDial Pro	103-000025-00	910503700790
<i>ColorDial Pro, Standard single-gang wall box, (2) self-threading flathead countersunk M2.5 screws, Installation Instructions and User Guide</i>		

## Accessories

Power over Ethernet Switch, 4 Power over Ethernet ports, 8 ports total	120-000084-01	910503702557
Power over Ethernet Injector, North America Power Cord	109-000029-00	910503700383
Power over Ethernet Injector, Europe Power Cord	109-000029-01	910503700384



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Color Kinetics  
[www.colorkinetics.com](http://www.colorkinetics.com)