Date: _____ Type: _____

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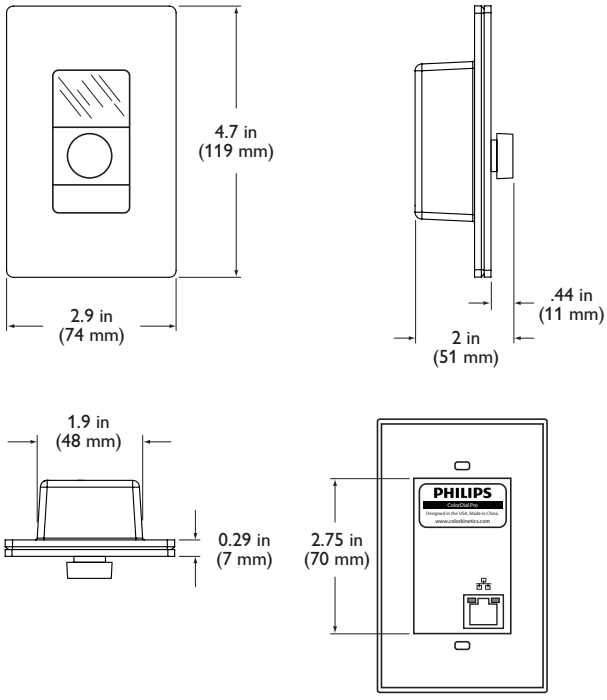
Project: _____

ColorDial Pro

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 fixtures from Philips 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 Philips 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 fixtures — New Fixed White effect lets you control the brightness and color temperature (relative warmth or coolness) of intelligent white (iW) light LED fixtures from Philips 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% – 100%, or turn connected lights on and off.
- Compatible with Ethernet Controller Keypad — Remotely trigger scenes, adjust brightness from 0% – 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 details on installing and using ColorDial Pro, please refer to the ColorDial Pro Installation Instructions and User Guide, available at www.philipscolorkinetics.com/ls/controllers/colordialpro/

RGB Effects

Fixed Color — Displays a single color on all fixtures. ColorDial Pro dial adjusts effect brightness.

Variable Color — Displays a single color on all fixtures. ColorDial Pro dial adjusts RGB value.

Color Wash — Produces a smooth hue transition on all fixtures simultaneously, progressing through the color spectrum.

Rainbow Wash — Produces a smooth hue transition through the color spectrum. Colors appear to follow each other from fixture to fixture.

Custom Wash — Produces a smooth color transition on all fixtures 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 fixtures, with user-specified color temperature.

iW Effect

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

PHILIPS

Specifications

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

Item	Specification	Details
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
	Playback Output	Eight pre-programmed, modifiable effects
	Storage	16 scenes (sets of effects and effect settings), 8 for RGB fixtures and 8 for iW fixtures
Physical	Dimensions *(Height x Width x Depth)*	Housing: 4.63 x 3 x 1.5 in (118 x 76 x 38 mm) Faceplate: 4.63 x 3 x .13 in (118 x 76 x 3 mm)
	Weight	2.06 oz (59 g)
	Housing	Medium matte white plastic Decora style faceplate Mounts in standard single-gang wall box
	Connector / Cable	RJ45 Port, CAT 5e Data Cable (not included)
	Operating Temperature	14° – 104° F (-10° – 40° C)
	Humidity	0 – 95%, non-condensing
Certification and Safety	Certification	CSA, CE, CQC, C-Tick, SAA
	Environment	Dry Location, IP40

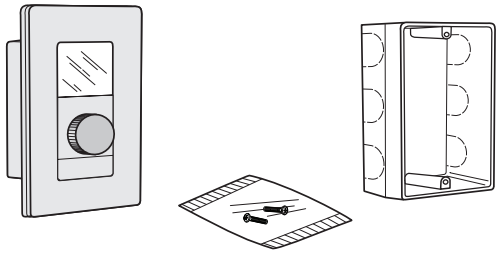
Ordering Information

Item	Type	Item Number	Philips 12NC
ColorDial Pro		103-000025-00	910503700790
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
	Europe Power Cord	109-000029-01	910503700384

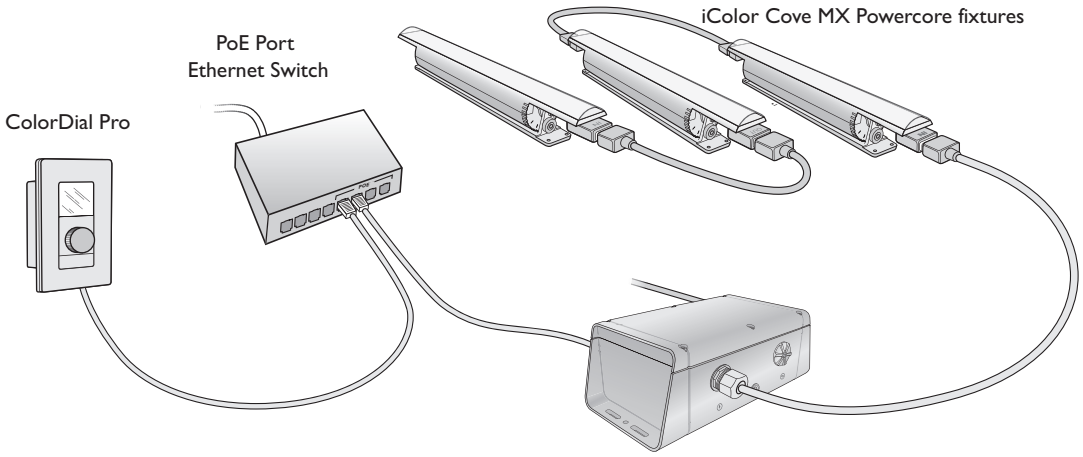
Use Item Number when ordering in North America.

Included in the box

- ColorDial Pro
- Standard single-gang wall box
- (2) self-threading flathead countersunk M2.5 screws
- Installation Instructions and User Guide



Typical ColorDial Pro Installation



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