

# Control4® Wireless Forward Phase Dimmer



## Control4® Wireless Forward Phase Dimmer, 120V - C4-FPD120

The Control4® Wireless Forward Phase Dimmer provides an economical solution for dimming forward phase compatible loads, including incandescents, line-voltage halogens, and magnetic transformers. The Forward Phase Dimmer is particularly useful when dimming high-wattage loads such as chandeliers and large banks of recessed lights.

- Compatible with incandescent, line-voltage halogen, and magnetic (iron core) transformers
- Also compatible with forward phase dimmable LEDs, CFLs, and fluorescents\*
- Protection circuitry prevents device damage in case of short circuit or excessive load
- Continuously measures energy being used by the attached load
- Elegant, sophisticated design makes a beautiful addition to any home or business
- Custom engraving available to clearly identify which light each dimmer controls
- Backlit button engraving with programmable color control for easy readability regardless of time of day or light level
- Programmable RGB LEDs provide status feedback for lighting and other devices in the system
- Ambient light sensor automatically adjusts backlight and status LED brightness depending on the light level in the room
- Available in a wide array of gloss and satin colors (See Available Colors)
- Control4® screw-less faceplates, sold separately, provide a sleek profile (See Available Accessories)

## Control4® Wireless Forward Phase Dimmer

|                                       |   |               |                |
|---------------------------------------|---|---------------|----------------|
| Model Numbers                         | C4-FPD120   |               |                |
| Power Requirements                    | 120 VAC +/-10%, 50/60 Hz<br>This device can function with or without a neutral AC connection depending on load type.  |               |                |
| Power Consumption                     | 450mW   |               |                |
| <b>Load Types and Ratings</b>         |   |               |                |
| Supported Load Types                  | Incandescent; Halogen; Magnetic (Iron Core, Inductive) Low Voltage (MLV) Transformers; Forward Phase Dimmable Fluorescents, Compact Fluorescents, and LEDs. |               |                |
| <b>Maximum Load</b>                   |   |               |                |
|                                       | <b>1 Gang</b>   | <b>2 Gang</b> | <b>3+ Gang</b> |
| Incandescent (Tungsten)               | 1000W   | 800W          | 600W           |
| Halogen                               | 1000W   | 800W          | 600W           |
| Fluorescent*                          | 500W  | 500W          | 500W           |
| Compact Fluorescent (CFL)*            | 500W  | 500W          | 500W           |
| LED*                                  | 200W  | 200W          | 200W           |
| <b>Minimum Load (with neutral)</b>    |   |               |                |
| Incandescent (Tungsten)               | 4.5W  |               |                |
| Halogen                               | 4.5W  |               |                |
| Fluorescent*                          | 4.5W  |               |                |
| Compact Fluorescent (CFL)*            | 4.5W  |               |                |
| LED*                                  | 4.5W  |               |                |
| <b>Minimum Load (without neutral)</b> |   |               |                |
| Incandescent (Tungsten)               | 25W   |               |                |
| Halogen                               | 25W   |               |                |
| Fluorescent*                          | N/A   |               |                |
| Compact Fluorescent (CFL)*            | N/A   |               |                |
| LED*                                  | N/A   |               |                |
| <b>Environmental</b>                  |   |               |                |
| Operational Temperature               | 32° F - 104° F (0° C - 40° C)<br>All load ratings are based on an ambient temperature of 25° C.   |               |                |
| Humidity                              | 5% to 95% non-condensing  |               |                |
| Storage                               | -4° F - 158° F (-20° C - 70° C)   |               |                |
| <b>Miscellaneous</b>                  |   |               |                |
| Control Communications                | ZigBee, IEEE 802.15.4, 2.4 GHz,<br>15-channel spread spectrum radio   |               |                |
| Wallbox Volume                        | 5.75 cubic inches   |               |                |
| Weight                                | 0.12 lb. (0.05 kg)  |               |                |
| Shipping Weight                       | 0.18 lb. (0.08 kg)  |               |                |
| <b>Available Colors</b>               |   |               |                |
| C4-FPD120-xx                          | WH, LA, IV, BR, BL, SW, MB, BI, AU  |               |                |
| <b>Available Accessories</b>          |   |               |                |
| Faceplate, 1 Gang (C4-FP1-xx)         | WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB  |               |                |
| Faceplate, 2 Gang (C4-FP2-xx)         | WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB  |               |                |
| Faceplate, 3 Gang (C4-FP3-xx)         | WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB  |               |                |
| Faceplate, 4 Gang (C4-FP4-xx)         | WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB  |               |                |
| Color Kit (C4-CKFPDAPD-xx)            | WH, LA, IV, BR, BL, SW, MB, BI, AU  |               |                |
| Engraved Button, Rocker (C4-EBDR-xx)  | WH, LA, IV, BR, BL, SW, MB, BI, AU  |               |                |

**Gloss Colors:** WH=White, LA=Light Almond, IV=Ivory, BR=Brown, BL=Black  
**Satin Colors:** SW=Snow White, MB=Midnight Black, BI=Biscuit, AU=Aluminum  
**Metal Finishes:** SN=Satin Nickel, SS=Stainless Steel, VB=Venetian Bronze

\*NOTES: 1) The maximum load requirements for fluorescent, CFL and LED loads can vary greatly depending upon the specific fixture and/or bulb being used. 2) The quality and performance of these load types varies greatly from manufacturer to manufacturer. 3) The use of fluorescent, CFL, or LEDs load without a neutral wire connected to the dimmer is not recommended.