

Denver® Wireless Forward Phase Dimmer



Denver® Wireless Forward Phase Dimmer, 120V - C4-FPD120

The Denver® 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").
- Denver® screwless faceplates, sold separately, provide a sleek profile (see "Available accessories").
- California Title 20 compliant. See Denver.co/title20 for more information on Title 20 / Title 24 compliance.

Model numbers	DV-FPD120
Power requirements	120 VAC +/-10%, 50/60 Hz This device can function with or without a neutral AC connection depending on load type
Power consumption	450mW

Load types and ratings

Supported load types	Incandescent, halogen, magnetic (iron core, inductive) low-voltage (MLV) transformers, forward-phase dimmable fluorescents, compact fluorescents, and LEDs.
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Maximum load

	1 Gang	2 Gang	3+ Gang
Incandescent (tungsten)	1000W	800W	600W
Halogen	1000W	800W	600W
Fluorescent*	500W	500W	500W
Compact fluorescent (CFL)*	500W	500W	500W
LED*	200W	200W	200W

Minimum load (with neutral)

Incandescent (tungsten)	4.5W
Halogen	4.5W
Fluorescent*	4.5W
Compact fluorescent (CFL)*	4.5W
LED*	4.5W

Minimum load (without neutral)

Incandescent (tungsten)	25W
Halogen	25W
Fluorescent*	N/A
Compact fluorescent (CFL)*	N/A
LED*	N/A

Environmental

Operational temperature	32 °F ~ 104 °F (0 °C ~ 40 °C) All load ratings are based on an ambient temperature of 77 °F (25 °C).
Humidity	5% to 95% non-condensing
Storage	-4 °F ~ 158 °F (-20 °C ~ 70 °C)

Miscellaneous

Control communications	ZigBee, IEEE 802.15.4, 2.4 GHz, 15-channel, spread-spectrum radio
Wall box volume	5.75 cubic inches
Weight	0.12 lb. (0.05 kg)
Shipping weight	0.18 lb. (0.08 kg)



Available colors

DV-FPD120-xx

WH, LA, IV, BR, BL, SW, MB, BI, AU

Available accessories

Faceplate, 1 Gang (DVFP1-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 2 Gang (DV-FP2-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 3 Gang (DV-FP3-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Faceplate, 4 Gang (DV-FP4-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU, SN, SS, VB
Color Kit (DV-CKFPDAPD-xx)	WH, LA, IV, BR, BL, SW, MB, BI, AU
Engraved Button, Rocker (DV-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.

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