

Dimmer for SmartCast® PoE

Wall Mounted PoE Dimmer Switch

Product Description

The Cree™ Dimmer with SmartCast® PoE Technology provides manual control of Cree luminaires with SmartCast® PoE Technology.

BETTER LIGHTING AND BIGGER SAVINGS.

SmartCast® Power over Ethernet (PoE) provides beautiful, comfortable and adaptive illumination with greatly simplified lighting controls. You'll cut energy costs up to 70 percent while saving money, improving aesthetics, lowering TCO and making your entire enterprise more productive.

SO SIMPLE IT JUST WORKS.

SmartCast® PoE cuts out steps and components when compared to ordinary lighting controls. That means less time and money spent designing, wiring, installing and commissioning your lighting project. And you can commission one fixture to hundreds in a single step.

READY FOR WHAT'S NEXT.

SmartCast® platform PoE is enabled to securely connect with building management systems, enterprise-wide networks and the Internet. Built on a future-ready open platform with a standards-based API, the sky's the limit for third-party cloud-based applications.

Performance Summary

Cree SmartCast PoE enabled

Intuitive aesthetic

Limited Warranty*: 10 years

Ambient light sensor for One Button™ Setup

*See <http://lighting.cree.com/warranty> for warranty terms

Accessories

Field-Installed

Cree SmartCast® Technology Face Plates

CFP-1-WH

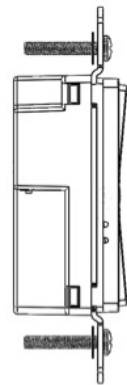
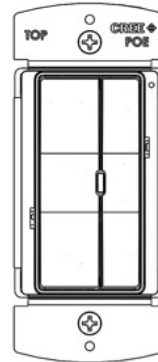
- Matching Cree face plate, 1-gang, white

CFP-2-WH

- Matching Cree face plate, 2-gang, white

CFP-3-WH

- Matching Cree face plate, 3-gang, white



Ordering Information

Example: CWD-PoE-WH

CWD	PoE	WH
Product (Cree Wall Dimmer)	Control	Color
CWD	PoE SmartCast® PoE Technology	WH White

Rev. Date: V1 04/20/2016



SMARTCAST™ TECHNOLOGY

US: lighting.cree.com/lighting

T (800) 236-6800 F (262) 504-5415

Canada: www.cree.com/canada



T (800) 473-1234 F (800) 890-7507

Cree PoE Technology

CREE PoE TECHNOLOGY

Cree SmartCast® PoE technology seamlessly integrates hardware, software and the user experience into an intuitively simple and powerful lighting intelligence platform that saves time, money and up to 70% on energy. It eliminates the challenges of ordinary PoE lighting by automating the initial setup up of the platform and can commission up to 1000 devices with the push of one button. It is open, scalable, secure and enables the Internet of Things for buildings.

POWER OVER ETHERNET INFRASTRUCTURE (BY OTHERS)

- Delivers power and data to the dimmer with one cable from PoE switch port to dimmer
- Category 5e or 6a cables, shielded or unshielded. Finalize selection with infrastructure provider based on run length or other installation details
- Recommended switches are Cisco Catalyst 4506-E, WS-C3850-24U-S, WS-C3850-48U-S
Reference Cree.com/smartcast for future additions to the compatibility list

MECHANICAL SYSTEM

- Fits into standard wallbox. Bottom feed
- Fits faceplates with standard decorator-style opening
- Easy-to-use aesthetic with independent on/off and raise/lower
- Left paddle for on/off. Right paddle for dim up or dim down

ELECTRICAL SYSTEM

- **Input Power:** <1 Watt
- 10-year power fail memory settings
- Dedicated PoE switch port required

EMBEDDED INTELLIGENCE AND PLATFORM FIRMWARE

- Flash memory and microprocessor with bundled SmartCast platform firmware
- SmartCast Manager PC Application (NOTE: insert hyperlink) is used for One Button Setup of up to 1000 devices at one time
- Creates lighting network
- Utilizes visual light communication and platform algorithms to create logical groups. Lights in the same room are grouped together along with switches if present
- Once setup is complete all settings are stored in each device ensuring operation

FUTURE ENABLEMENT

- Firmware updates are available over the network for future function and feature improvements or upgrades

DEPLOYMENT

- Please refer to the SmartCast® PoE Deployment Guide