Adjustable CCT Wireless Dimmer

CCT and Light Intensity Wireless Dimmer with SmartCast® Technology

Product Description

The Cree™ Adjustable CCT Wireless Dimmer with Cree SmartCast® Technology provides manual control of CCT and light intensity of Cree luminaires with SmartCast® Technology that support adjustable CCT. Cree Adjustable CCT Wireless Dimmers support OneButton™ Setup, and can be easily added to new or existing switch locations and can control luminaires using wireless communication. Part of Cree's SmartCast® Intelligence Platform™, the SmartCast® Adjustable CCT Wireless Dimmer helps deliver smart building solutions that offer value beyond light to make businesses more profitable
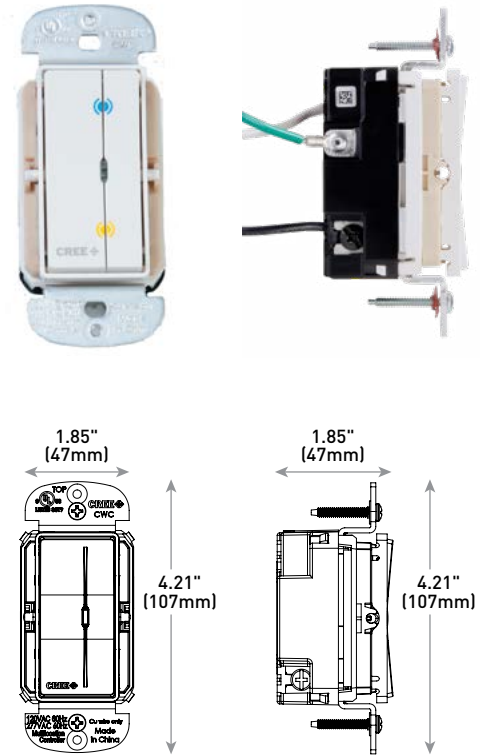
Performance Summary

Cree SmartCast® Technology enabled

Intuitive aesthetic

Works with Cree adjustable CCT luminaires

Input Voltage: 120-277V

Limited Warranty†: 5 years

†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	**Cree SmartCast® Technology Configuration Tool** CCT-CWC-1 - One required per SmartCast® project

1.85" (47mm) 4.21" (107mm)

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Ordering Information

Example: CCD-CWC-WH

CCD	CWC	WH
Product (Wireless Wall Control)	**Control**	**Color**
CCD Cree Adjustable CCT Wireless Dimmer	**CWC** Cree SmartCast® Technology	**WH** White

SMARTCAST® TECHNOLOGY

Product Specifications

CREE SMARTCAST® TECHNOLOGY

Cree SmartCast® Technology is the most intuitive and easiest to install intelligent light solution on the market. SmartCast Technology delivers up to 70% energy savings at up to half the cost of other solutions. Luminaires combine best-in-class light with onboard sensors and intelligence to deliver a better light experience. Extreme energy productivity, code compliance and a better light experience without any extra design, installation or setup work.

MECHANICAL SYSTEM

- Fits into standard wallbox (deep wallbox recommended)
- Fits faceplates with standard decorator-style opening
  - Not for use with metallic faceplates
- Easy-to-use aesthetic with independent on/off and raise/lower

ELECTRICAL SYSTEM

- **Input Voltage:** 120-277V, 60Hz
- **Input Power:** 0.7W at 120V, 1W at 277V
- 10-year power fail memory settings
- Requires neutral wire connection

INTEGRAL WIRELESS COMMUNICATION

- 2.4GHz wireless mesh technology with AES 128-bit encryption
- Self assigns to quietest channel during OneButton™ Setup
- **Range:**
  - 30 ft. (9.1m) in typical commercial applications
  - 300 ft. (91.4m) open air without obstructions
- **Network:** 250 devices max.
- **Space:** 100 devices max. per group
- Wall control is disabled until OneButton™ Setup is initiated by the Cree™ Configuration Tool

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for damp locations
- FCC certified
- IC Certified
- ⚠ **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – www.p65warnings.ca.gov

WIRING DIAGRAM

CREE ⇕