

# Wireless Scene Controller

Preset Scene Control with SmartCast® Technology

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## Product Description

The Cree Lighting Wireless Dimmer with SmartCast® Technology provides manual control of Cree Lighting luminaires with SmartCast® Technology, enabling simple OneButton™ Setup of dimmers and luminaires. Cree Lighting Wireless Dimmers can be easily added to new or existing switch locations and can control luminaires using wireless communication. SmartCast® Technology, Cree Lighting's intelligent light solution, provides extreme energy productivity and code compliance - all with installation that's so intuitive and simple, it just works.

## Performance Summary

SmartCast® Technology enabled

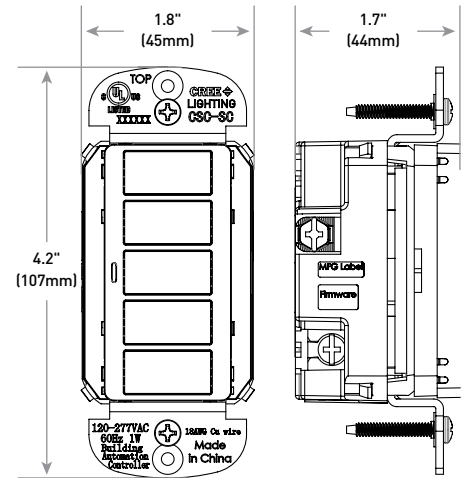
Intuitive aesthetic

Convenient single-gang form factor

**Input Voltage:** 120-277V

**Limited Warranty<sup>1</sup>:** 5 years

<sup>1</sup>See <http://creelighting.com/warranty> for warranty terms



## Accessories

Field-Installed	
<b>SmartCast® Technology Face Plates</b> CFP-1-WH - Matching face plate, 1-gang, white CFP-2-WH - Matching face plate, 2-gang, white	CFP-3-WH - Matching face plate, 3-gang, white <b>SmartCast® Technology Configuration Tool</b> CCT-CWC-1 - One required per SmartCast project

## Ordering Information

Example: CSC-SC-A-5S-UNVN-WH

Product (Wireless Scene Controller)	Button Configuration	Voltage	Color
<b>CSC-SC-A</b> SmartCast Wireless Scene Controller	<b>5B</b> 5 buttons with no text (blank) <b>5S</b> 5 buttons with scene text <b>5C</b> 5 buttons with color temperature text <b>5X</b> 5 buttons with custom text - Requires Custom Text worksheet	<b>UNVN</b> 120V - 277V Neutral required	<b>WH</b> White



**SMARTCAST®**  
TECHNOLOGY

US: [creelighting.com](http://creelighting.com) T (800) 236-6800 F (262) 504-5415  
 Canada: [creelighting-canada.com](http://creelighting-canada.com) T (800) 473-1234 F (800) 890-7507



## Product Specifications

### SMARTCAST® TECHNOLOGY

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

### 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

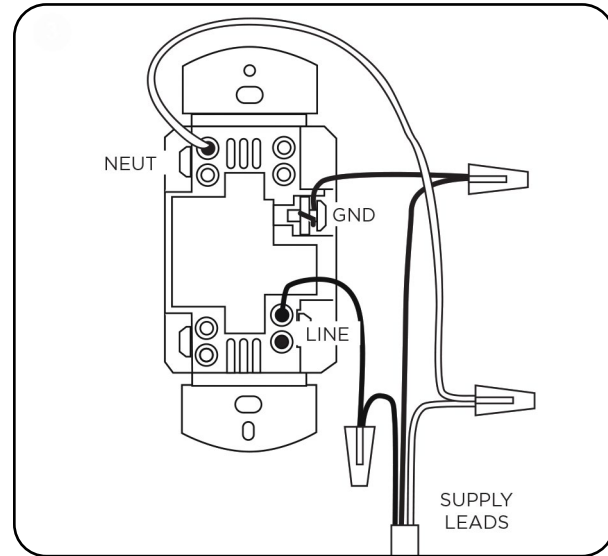
### INTEGRAL WIRELESS COMMUNICATION

- 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 Lighting Configuration Tool
- Preset Control
  - Controls up to 12 zones
  - Each button can be setup for different preset control
  - Supports preset light intensity, color temperature (CCT), or both
  - CCT control requires luminaires that support adjustable CCT
  - Programmed using the SmartCast Configuration Tool

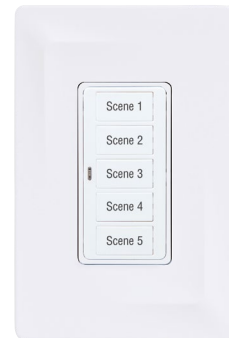
### REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed
- Suitable for damp locations
- FCC certified
- IC Certified
- **CA RESIDENTS WARNING:** Cancer and Reproductive Harm – [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)

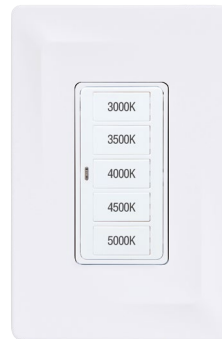
## WIRING DIAGRAM



**5B**  
5 buttons with no text (blank)



**5S**  
5 buttons with scene text



**5C**  
5 buttons with color temperature text