Product Description
The SmartCast Wireless Plug Load Controller™ enables switched control of 20A receptacles for easy compliance with California Title 24 and ASHRAE 90.1 standards. Cree SmartCast® Technology. Cree’s intelligent light solution, provides extreme energy productivity and code compliance - all with installation that’s so intuitive and simple, it just works. Part of Cree’s SmartCast® Intelligence Platform™, the SmartCast Wireless Plug Load Controller™ helps deliver smart building solutions that offer value beyond light to make businesses more profitable.

Performance Summary
<table>
<thead>
<tr>
<th>Feature</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cree SmartCast® Technology enabled</td>
<td>Title 24 and ASHRAE 90.1 compliant</td>
</tr>
<tr>
<td>Controls 15A/20A receptacles</td>
<td>Quick and easy installation</td>
</tr>
<tr>
<td>Limited Warranty</td>
<td>5 years†</td>
</tr>
</tbody>
</table>

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

Accessories

<table>
<thead>
<tr>
<th>Field-Installed</th>
<th></th>
</tr>
</thead>
</table>
| Cree SmartCast® Technology Configuration Tool | CCT-CWC-1
| One required per SmartCast® project |

Ordering Information
Example: CPLC-JB-CWC

<table>
<thead>
<tr>
<th>CPLC</th>
<th>JB</th>
<th>CWC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product</td>
<td>Mounting</td>
<td>Options</td>
</tr>
<tr>
<td>CPLC Plug Load Control</td>
<td>JB Junction box mount for 1/2&quot; knockout</td>
<td>CWC SmartCast® Wireless</td>
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</tbody>
</table>

Rev. Date: V1 10/09/2018
Wireless Plug Load Controller

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
- Installs into 1/2” (13mm) knockout in junction box or fixture
- Sensor module installs into ceiling tile or drywall ceiling (0.25” - 1.5” [6mm - 38mm] thickness)
- Can be installed into air handling space (plenum) per requirements of the National Electric Code (NEC)*

ELECTRICAL SYSTEM
- Input Voltage: 120, 60Hz
- Input Power: <1W standby power
- Switched output (max.): 20A general purpose receptacles
  - 20A resistive
  - 20A ballast
  - 1HP motor loads
- Works with 15A and 20A standard and ground fault circuit interruptible (GFCI) receptacles
- Latching switched hot output
- Not for use with equipment that requires constant power or equipment that presents a hazard if automatically energized
  - 10 year power fail memory of settings
- Low-Voltage Dry Contact Closure Output (CCO) supports integration with other systems (e.g. HVAC and VAV devices)
- Voltage: Class 2; 20-24VDC; 0.5A
- Normally open (NO) and normally closed (NC) contacts
- Not intended to control unclamped, inductive loads such as relays, solenoids, contactors, and motors

INTEGRAL WIRELESS COMMUNICATION
- 2.4GHz wireless mesh technology with AES 128-bit encryption.
- Self assigns to quietest channel during OneButton™ Setup
- Range:
  - 30’ (9.1m) in typical commercial applications
  - 300’ (91.4m) open air without obstructions
- Network: 250 devices max
- Space: 100 devices max. per group

INTEGRAL MOTION SENSOR
- Passive infrared (PIR)
- Coverage area: 100 sq. ft. [30.5m²] at 10’ [3.0m] mounting height
- Not intended to be mounted higher than 12’ [3.7m]

INTEGRAL AMBIENT LIGHT SENSOR
- Not intended to be mounted higher than 12’ [3.7m]

DEPLOYMENT
- Please refer to the SmartCast® Deployment Guide at www.creelink.com/exLink.asp?236135640H88E44139771048

REGULATORY & VOLUNTARY QUALIFICATIONS
- cULus Listed
- Suitable for damp locations
- FCC certified
- IC certified
- Designed for Indoor use
- CA RESIDENTS WARNING: Cancer and Reproductive Harm – www.p65warnings.ca.gov

Wiring Diagram

WIRELESS PLUG LOAD CONTROLLER

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WIRELESS PLUG LOAD CONTROLLER

Powerful indoor lighting without the cost of new infrastructure. SmartCast® Wireless Plug Load Controllers provide wireless control of up to 20A general purpose receptacles, 20A resistive, 20A ballast, 1HP motor loads and 15A and 20A standard GFCI receptacles as well as latching switched hot output. For 15A and 20A receptacles, use a GFCI receptacle.”

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