

# SmartCast Wireless Plug Load Controller™



## TAKE CONTROL OF RECEPTACLES AND PULL THE PLUG ON WASTED WATTS

Did you know that in high-efficiency buildings, plug loads may account for more than 50% of total energy consumption<sup>1</sup>? It's time to take control: the SmartCast Wireless Plug Load Controller™ knows when rooms are unoccupied and turns off the power to wall receptacles. The energy savings are dramatic, and compliance with California Title 24 and ASHRAE 90.1 standards has never been easier. It's one more way the SmartCast Intelligence Platform™ delivers business value beyond lighting.

SMARTCAST® TECHNOLOGY

CREE ™

## Stop Feeding the Vampire

Many products and equipment not in use or on standby still consume power. Known as vampire or phantom load, this silent drain can account for as much as 50% of a building's total electrical consumption.<sup>1</sup> In one building, use of plug load controls reduced the after-hours plug load by 90%.<sup>2</sup> The SmartCast Wireless Plug Load Controller™ senses occupancy day and night, so you can enjoy dramatic energy savings 24x7.

## So Intuitive and Simple, It Just Works

Commissioning is simple using your SmartCast OneButton™ Setup: the Wireless Plug Load Controller automatically assigns itself to the Occupancy Group for the room where it is installed.

## HVAC and VAV Device Integration

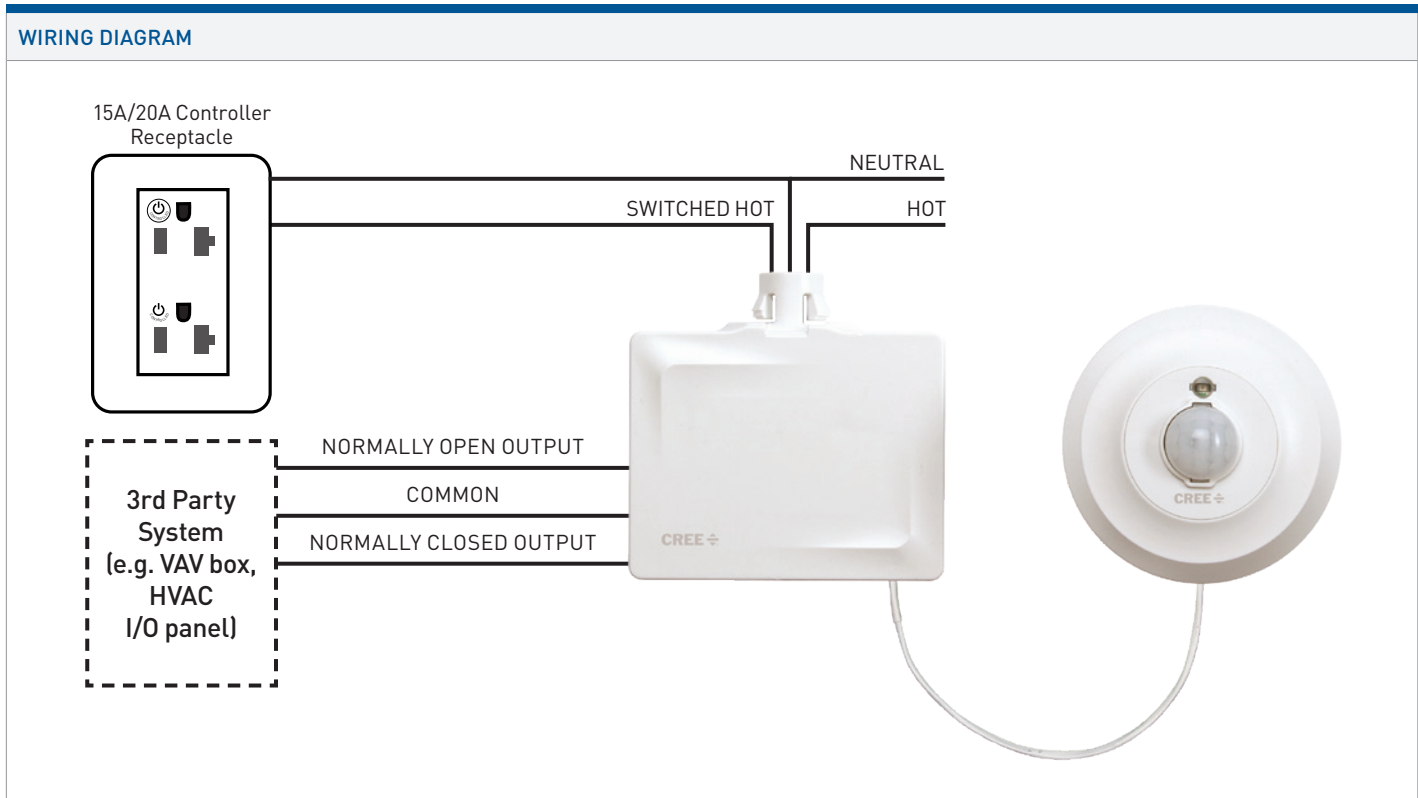
Connect the SmartCast Wireless Plug Load Controller™ with third-party systems and devices, like HVAC or Variable Air Volume devices for even more savings: the Wireless Plug Load Controller's low-voltage dry-contact closure output (CCO) can be physically wired to the contact closure input of third-party equipment.

## SMARTCAST® TECHNOLOGY



### SmartCast Wireless Plug Load Controller™

- Title 24 and ASHRAE 90.1 compliant
- 2.4GHz wireless with AES 128-bit encryption
- 5-year warranty from Cree



<sup>1</sup> Poll, S. and C. Teubert. April 2012. "Pilot Study of a Plug Load Management System: Preparing for Sustainability Base," 2012 IEEE Green Technologies Conference, pp.1-6

<sup>2</sup> Plug-Load Research, Office of Sustainability, University of Arkansas

\* Not for use with equipment that requires constant power or equipment that presents a hazard if automatically energized. Not intended to control unclamped, inductive loads such as relays, solenoids, contactors and motors.

Visit [lighting.cree.com](http://lighting.cree.com) or contact a Cree lighting representative to learn more.

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