

Cree SmartCast® BACnet®

When SmartCast® Technology Speaks BACnet®, The Whole Building Gets Smarter



Overview

Want a more efficient and responsive building? Connect your SmartCast® intelligent lighting network to your building management system (BMS) with our BACnet® option. You'll be able to control your SmartCast® lighting with BACnet® commands, and you can use SmartCast® sensor data to optimize building resources and score dramatic gains in energy efficiency and space utilization. That's just the beginning — and just one more way Cree's SmartCast Intelligence Platform™ delivers value beyond light to make businesses more profitable.

Quick and Simple Installation on SmartCast Link™

The SmartCast® BACnet® application runs on SmartCast Link™, a powerful microcomputer enabling connectivity to BACnet® and third-party applications. By sharing your SmartCast® data with BACnet®, your BMS can use room occupancy values to redistribute HVAC loads away from empty spaces, and issue BACnet® commands to control your SmartCast® lighting network.



Leverage BACnet® to Access Lighting Within Spaces

Using a BACnet® Controller, you can enable useful properties such as after-hours blink-warn, continuous control of lighting levels, gradual ramping to levels, dimming over time, incremental stepping values, total and instant power loads, and min-max trim levels — with more properties to come.

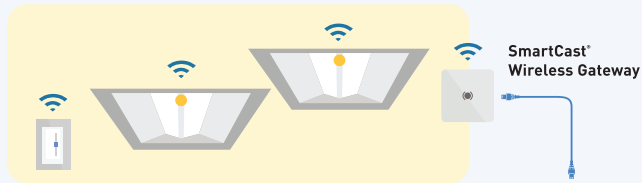
SmartCast® BACnet® /IP – Open, Standards-Compliant and Future-Ready

The SmartCast® BACnet® application allows open data exchange for enterprise-level architecture and IP/Internet of Things applications. We use standards-compliant BACnet® / IP protocol as the basis for the expanding ecosystem of third-party applications to help you unlock the power of your SmartCast Intelligence Platform™ across the enterprise.

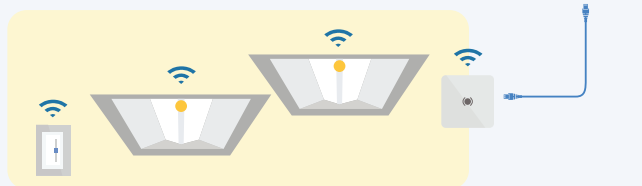


SmartCast® Wireless Technology

WIRELESS LIGHTING NETWORK (1)

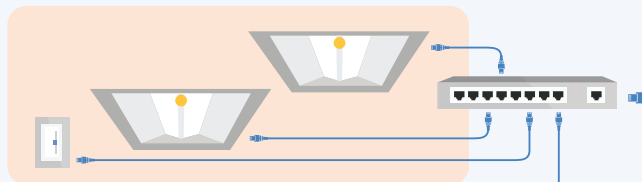


WIRELESS LIGHTING NETWORK (n)

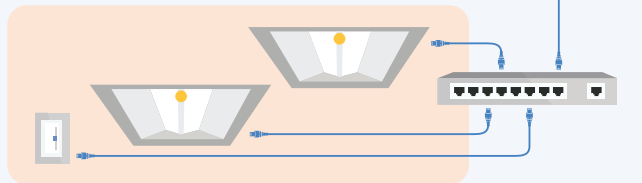


SmartCast® PoE Technology

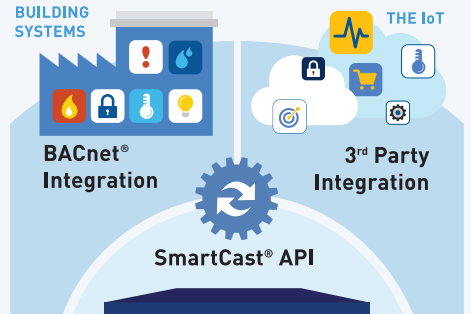
PoE LIGHTING NETWORK (1)



PoE LIGHTING NETWORK (n)



OR



SmartCast® Apps
DATA - ENABLED BUSINESS INSIGHTS

LICENSE

Standard license 12 months; 1 license per device.
100-fixture install would require a license for 100 units of the software

TERMS AND CONDITIONS

Terms & Conditions: [Click Here](#)

Visit lighting.cree.com/smartcast or contact a Cree lighting representative to learn more.

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