# Smart Room Controller for Large Spaces

Incorporate multiple sensors to cover large areas on a simplified lighting control system



## Advanced lighting control capabilities with Leviton Smart Ceiling Mount Room Controllers (SRC).

Bring advanced lighting control to large-format spaces such as hallways and atriums by connecting multiple Smart Ceiling Mount Room Controllers (SRC) together. The SRC contains a photocell and occupancy/vacancy sensor in a self-contained unit and is programmed with the Smart Sensor App. The SRC brings code-compliant occupancy/vacancy sensing, dimming, daylight harvesting, and demand response capabilities to standalone and duplicate room applications (such as schools and offices).



### CHALLENGE

**School connected by hallways and corridors desires automatic occupancy/vacancy sensing, dimming, daylight harvesting, and demand response capabilities.**
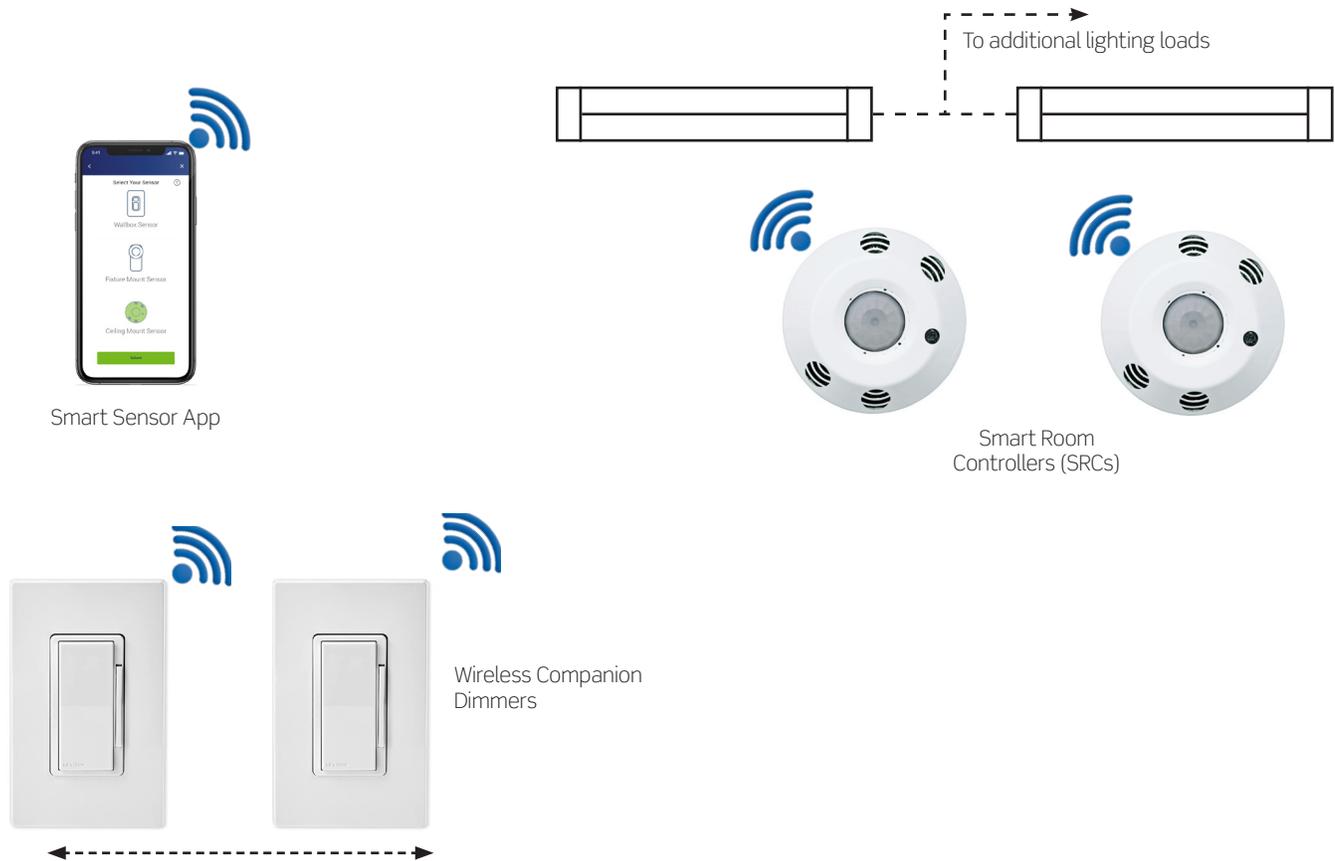
- Facility contains 0-10V LED lighting
- Field-of-view (FOV) needed larger than 2,000 sq ft
- Contains hallways with natural light sources such as windows and skylights
- Mounting heights higher than typical office environment
- Solution must comply with IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 occupancy/vacancy sensing, dimming, daylight harvesting, and demand response requirements

### SOLUTION

**The SRC provides full code-compliant lighting control including demand response that can be easily duplicated across a large facility using the Smart Sensor App.**

- SRC provides occupancy/vacancy sensing and smooth, continuous dimming capabilities for 0-10V LED lighting
- Up to five SRCs can be networked to expand the FOV
- Integrated photocell continually measures natural light in the space from windows, skylights, atriums, and other sources and adjusts lighting accordingly for an evenly lit space
- Comes with two lenses for mounting heights between 8-12' and 12-20'
- Can be used to comply with IECC, ASHRAE 90.1, and 2022 Title 24, Part 6 occupancy/vacancy sensing, dimming, daylight harvesting, and demand response capabilities

**LEVITON**®

# SMART ROOM CONTROLLER WITH MULTIPLE CONNECTIONS SOLUTION

To additional lighting loads

Smart Sensor App

Smart Room
Controllers (SRCs)

Wireless Companion
Dimmers

## WHAT YOU WILL NEED

| SMART ROOM CONTROLLER WITH MULTIPLE CONNECTIONS SOLUTION | | QTY. |
|---|---|---|
| | **Smart Room Controller \| ACY20-DMW**<br>Single self-contained room controller for 0-10V dimming, occupancy/vacancy sensing, demand response and more | **2-5\*** |
| | **Wireless Companion Dimmer \| SBK00-CDW**<br>Manual pushbutton control for ease of use and code compliance requirements | **1-2\*\*** |
| | **Smart Sensor App**<br>Download from the Google Play or Apple App Stores | **1** |

\*Up to 5 devices can be networked together
\*\*Network up to 4 Wireless Companion Dimmers per Room Controller and as many as needed for manual control in the space

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