Lighting Controls
GreenMAX® DRC Room Controller, Smart Packs, Digital Sensors

Project Case Study
Biotech Shared Lab Facility
Cambridge, MA

GreenMAX® DRC

A Biotech shared lab facility uses GreenMAX DRC in its renovated building to control lights and meet energy codes.

The Challenge
A Cambridge, Massachusetts. Biotech shared lab facility renovated its seven-story brick building to accommodate lab space and meet 2018 IECC code requirements.

Cambridge is a hub for laboratory and office space, and this existing, older building was renovated to meet the demand. A new high-rise glass lab tower was built onto it along with a connecting glass sky bridge.

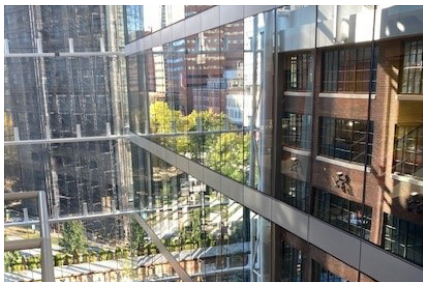
The Installation
Leviton worked with the design team and electrical contractor to provide a distributed lighting control system that met 2018 IECC energy code requirements.

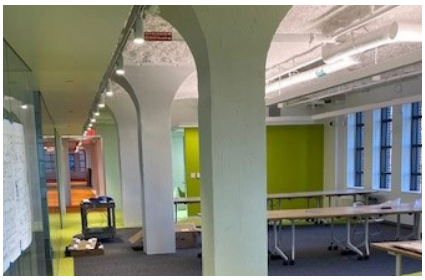
GreenMAX DRC Room Controllers, Smart Packs, and Digital Sensors were installed along with standalone occupancy sensors.

The Solution
GreenMAX DRC Room Controllers and Smart Packs were installed for switching and 0-10V dimming control throughout the building.

The GreenMAX DRC Digital Sensors in the glass sky bridge provide occupancy sensing, daylight harvesting, and continual dimming.

Leviton standalone sensors were installed in the offices and labs to ensure the lights remained ON when occupied and OFF when vacant.





Meet individual room requirements and energy codes with GreenMAX DRC Room controls

GreenMAX DRC Room Controllers
Serves as the “brain” of any GreenMAX DRC Room Control System by coordinating the energy management functions within the room. Each room requires a room controller to connect with components such as DRC Smart Packs, and sensors.

GreenMAX DRC Smart Packs
GreenMAX DRC Smart Packs enable switching and 0-10V dimming control of a single zone of fixtures, allowing for a simplified, low-cost, distributed control solution.

GreenMAX DRC Digital Sensors
The OSR05s directly incorporate occupancy/vacancy and daylight sensing into the GreenMAX DRC system. The Sensor integrates a PIR occupancy/vacancy sensor with a daylight-sensing photocell, providing more capabilities while requiring less equipment and wiring.

Standalone Sensors
The OSC20 combines the benefits of both PIR and U/S technologies for unrivaled performance and reliability. The self-adjusting microprocessor continually analyzes, evaluates, and adjusts the sensitivity and time delay to maximize performance.

Leviton offers spec-ready lighting and control solutions for laboratory and office applications for seamless installations and energy savings.

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LES-G-10755/B24-aa
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