GreenMAX® DRC Open Offices

Create 2022 IECC-compliant workspaces with the GreenMAX® DRC Room Control System.

Easily create and re-configure cubicle and open office workspaces with the GreenMAX DRC Room Control System. Prepare your work environment to comply with 2021 IECC requirements, which require that open office spaces larger than 600 square feet contain individually controlled "pods". With GreenMAX DRC, you can set up groups and zones with individual settings and user controls, then re-adjust as the space evolves. This revolutionary system is fully configurable via the GreenMAX DRC App for smart devices, can be used to meet energy code requirements, and is listed on the DesignLights Consortium® (DLC) Qualified Product List (QPL).

CHALLENGE

Open office workspace must meet 2021 IECC regulations and how they affect the configuration of the cubicle areas.

- Office contains 0-10V LED lighting
- Must control 600 square foot pod separately from others, and allow the employees within the area to make adjustments as necessary
- Requires individual lighting zone control
- Must drop lighting level in vacant pods by at least 80% or full-OFF and disable daylighting controls
- Office frequently changes configurations as employees and departments change, and the needs of those within the space evolve

SOLUTION

GreenMAX DRC Room Control Solutions provide a scalable, 2021 IECC compliant solution with pre-programmed behaviors as well as user controls.

- Provides full, smooth, continuous dimming and control capabilities for 0-10V LED fixture lighting
- Create individual groups to accommodate IECC regulations through the GreenMAX DRC App for smart devices, and easily reconfigure as needed
- Set behaviors for each individual pod to keep lights dimmed or OFF when required as signaled by each pod's GreenMAX DRC Digital Sensor, while not affecting occupied areas
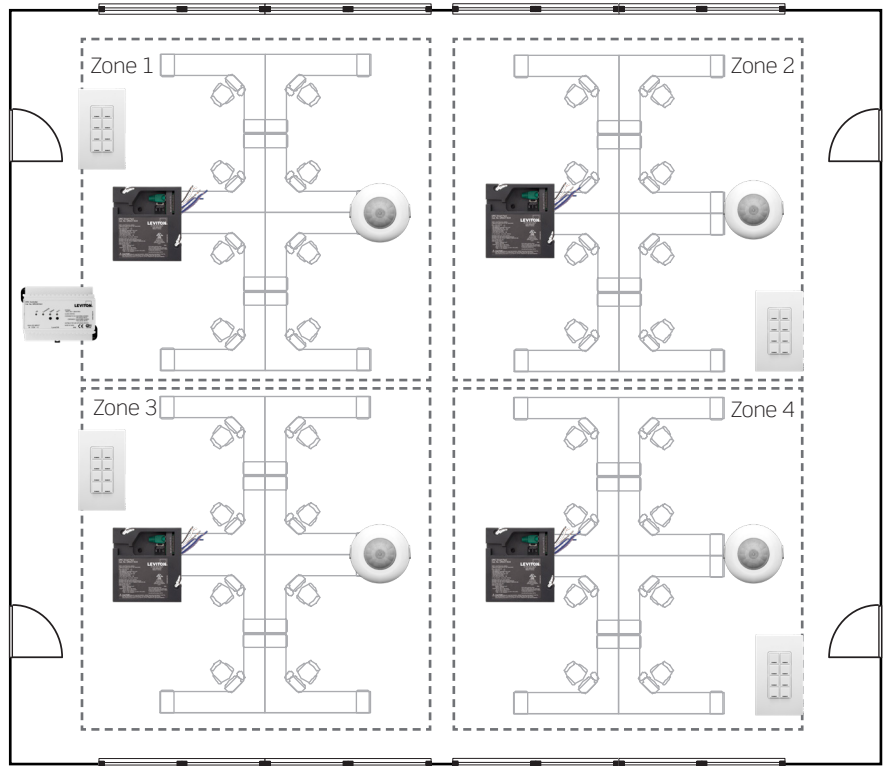
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GREENMAX DRC 2021 IECC OPEN OFFICE SOLUTION

Meets the following 2021 IECC Requirements

Section 405.2.1.3 - Open Plan Office Control

- Controls configured so that lighting is controlled separately in floor areas <600 sq. ft. within the open office space

- Controls must auto-OFF general lighting in all control zones within 20 minutes of vacancy

- Controls configured so lighting power in each control zone is uniformly reduced by at least 80% of full power within 20 minutes of vacancy

- Includes daylight responsive control that activates lighting within the control zone only when occupancy is detected within that zone

WHAT YOU WILL NEED

GREENMAX DRC 2021 IECC OPEN OFFICE SOLUTION	QTY
GreenMAX DRC Room Controller | DRC07-ED0 The "brain" of the GreenMAX DRC Room Control system	**1**
DRC Smart Pack | DRD07-ED0 Enables switching and dimming of LED fixture zones, allowing for a distributed solution	**1 per zone**
GreenMAX DRC Digital Sensor | OSR05-ICW Monitors ambient light levels within the space and dims lighting accordingly	**1 per zone**
GreenMAX DRC 8-Button Digital Keypad | DRKDN-C8x Provides manual control in the space to switch and dim lighting, or activate scenes—functions all configured via the GreenMAX DRC App. Custom button engraving available.	**1 per zone**

Visit our Website at: www.leviton.com/greenmaxdrc

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