



Daylighting Zone Control with the Lumina™ RF Dimmer Combine with Lumina RF Daylight Sensing Technology

Lumina™ RF Decora® 0-10V Wall Switch Dimmer and Photocell DELIVER CODE-COMPLIANT DAYLIGHTING, DIMMING AND MANUAL CONTROL WITH LEVITON SOLUTIONS

Combine the Lumina RF Decora 0-10V Wall Switch Dimmer with the Lumina RF Photocell to control daylighting and non-daylighting zones. Lumina RF dimmers allow for automatic control and manual user override control, with dimming levels that maintain the room's daylighting target. The Lumina RF Photocell maintains the daylighting target level for areas receiving ambient lighting. By combining automatic dimming with override controls, spaces can be used to meet energy code requirements for ASHRAE 90.1, IECC and 2016 Title 24, Part 6. The Lumina RF dimmer features a sleek, modern design and can be used as a standalone device, as in this application. To access more options, combine the Lumina RF 0-10V Wall Switch Dimmer and Photocell with the Lumina Gateway to create the Lumina RF Eco-System, which gives users the ability to view and adjust system settings via the Lumina Mobile app for tablets and smartphones, and integrate other control devices (thermostats, plug load controls, etc.). The Lumina RF Photocell is a wireless, battery powered photocell which eliminates the need for traditional hard-wired devices. Both the Lumina RF 0-10V Wall Switch Dimmer and Photocell are LED Ready for 0-10V LED fixture control.

PROBLEM

Facility contains multiple zones of lighting, including daylighting and non-daylighting zones, which require code-compliant automated dimming control.

- Contains 0-10V LED lighting
- Features windows on one side of the room, causing an excess of ambient light near the windows and a need for evenly dimmed artificial lighting in areas farther away from the natural light source
- Must meet ASHRAE 90.1, Title 24 and IECC requirements

SOLUTION

Lumina RF Decora Rocker 0-10V Dimming Wall Switch and Photocell work together to create a complete, code compliant daylighting solution.

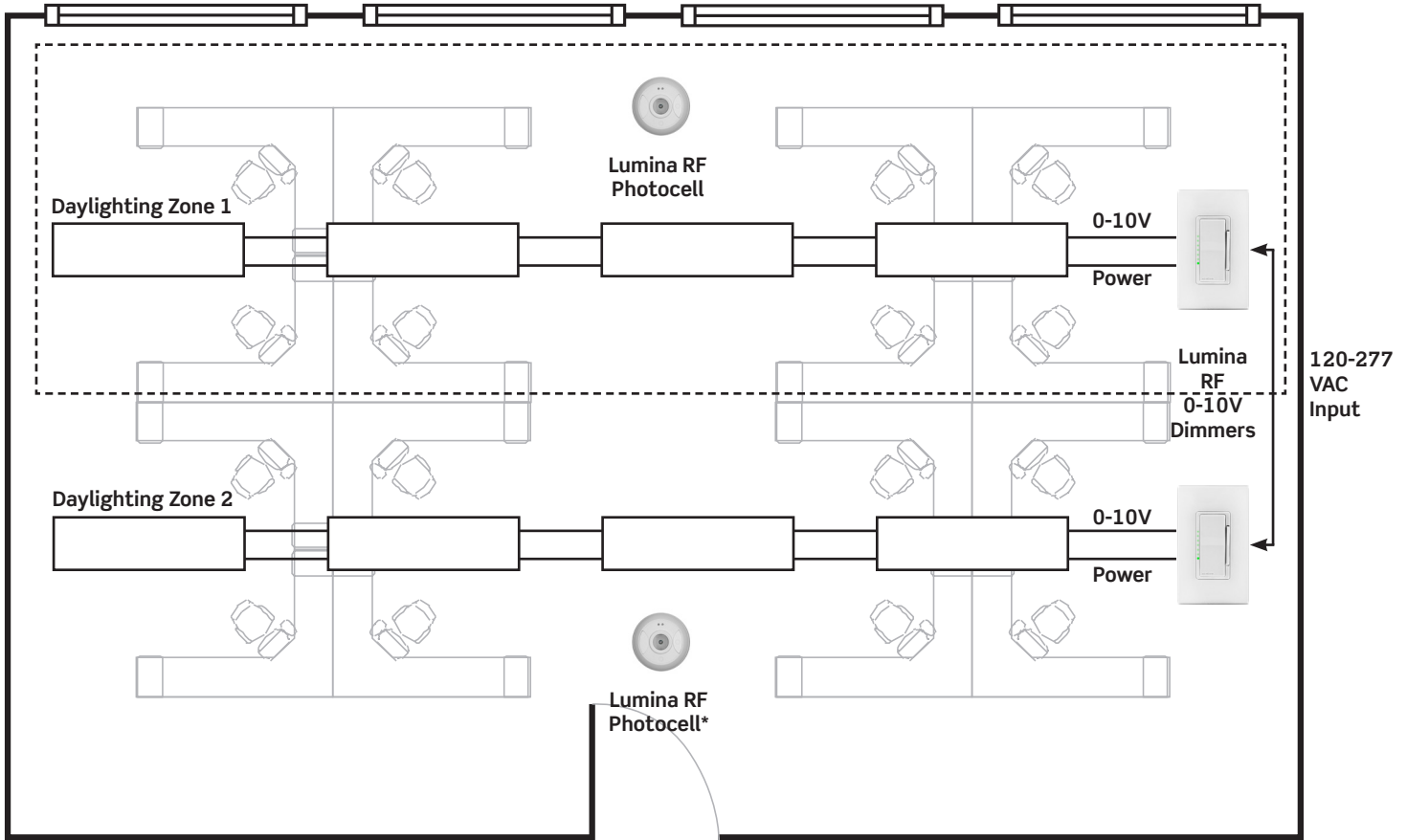
- Provides control of lighting loads, including high-inrush 0-10V LEDs
- Tracks daylighting target level in each zone, and evenly dims fixtures accordingly for uniform, seamless lighting throughout the space
- Allows manual control to meet occupant needs and code requirements
- Can be used to meet ASHRAE 90.1, IECC and 2016 Title 24, Part 6 for space/area control, dimming, manual-ON/OFF, occupancy control, automatic shutoff and daylighting

Leviton Manufacturing Co., Inc. Global Headquarters

201 North Service Road, Melville, NY 11747-3138 tel 800-323-8920 fax 800-832-9538 tech line (8:30AM-7:00PM ET Monday-Friday) 800-824-3005



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LUMINA RF DAYLIGHTING ZONE SOLUTION



*Use when photocell of a second daylighting zone is required.

WHAT YOU WILL NEED

| LUMINA RF AND PROVOLT DAYLIGHTING ZONE SOLUTION | | QTY. |
|---|--|------|
|  | Lumina RF Decora 0-10V Wall Switch Dimmer ZSD07-AxZ* <ul style="list-style-type: none"> Allows dimming of any 0-10V controlled load as a standalone or integrated into the Lumina RF ecosystem | 2 |
|  | Lumina RF Photocell LURPC-00W <ul style="list-style-type: none"> Measures daylight or electric lighting and keeps lights dimmed to target level | 2 |

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Visit our website at: www.leviton.com/gateway

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*Model ships with color change kit including White, Ivory and Light Almond faceplates. Contact factory for (A) ARRA compliant product. Made in USA with globally sourced components and NAFTA compliant models available.

Contact Leviton for a complete list of Lumina RF wireless solutions. The line includes transmitter switches, thermostats, room controllers and more.