



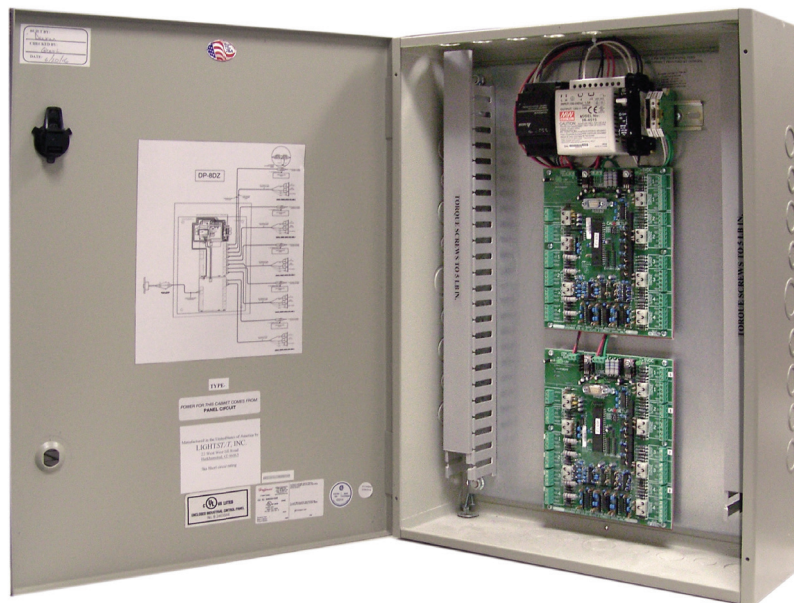
Dimming Control Panel

Lightstat's Dimming Control Panel controls four zones, 0-10V dimming of LED/fluorescent lights in conjunction with, or independent of, Lightstat's lighting control products. Each zone can control multiple fixtures/ luminaires up to 100mA and additional control boards can be added to increase the total number of zone circuits required for each application.

Interior Light Sensors are connected to each zone to dim lights based on ambient lighting conditions and an occupancy sensor can be connected to turn lights to their dimmest setting during unoccupied times. This panel, along with properly selected fixtures/luminaires, complies with the lighting regulations of California's 2013 Title 24 Code.

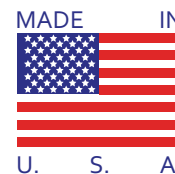
KEY FEATURES

- Four zones of 0-10VDC output for continuous dimming control max 100mA output/zone.
- One Interior Light Sensor input per zone for automatic daylighting and light level control.
- One Remote Interface per zone to adjust light level setpoints and automatic/manual operation selection.
- One optional Motion Sensor input for ON/OFF occupancy control.
- One optional AUX (contact closure) input for factory customization of controls (e.g. demand response input, eStat integration).
- Dipswitch control to factory adjust zone response time.
- Expandable for additional zones.



APPLICATIONS

- The Dimming Control Panel is intended for commercial applications where a 0-10 VDC signal is required to control the brightness of dimmable LED or fluorescent fixtures/luminaires.
- Use as a stand-alone or in conjunction with Lightstat's ALC, ALT or ELC lighting control products.



Dimming Control Panel

Four Zone, 0-10V,

LED/Fluorescent Dimming Control

Operation

- Continuous dimming operation
0% - 100% (*fixture dependent*)
- Custom stepped dimming available
- Maintain desired setpoint illumination by automatically dimming lights in response to changing ambient light levels
- Dim lights manually via Remote Interface
- Dim lights in response to a Demand Response request (*optional*)
- Occupancy Sensor to reduce lighting to minimum level during unoccupied times (*optional*)

Standards

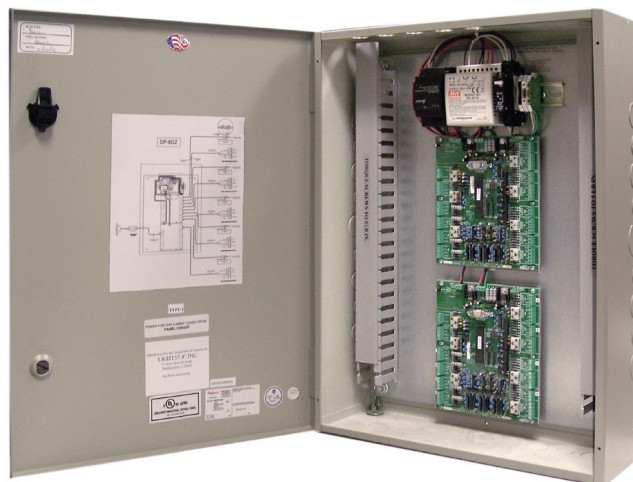
- UL 508A and UL 916
- CA Title 24

Base System

- Enclosure: NEMA1, size varies per application
- Dimming control board
- Internal 24VDC power supply
- 0-10V interior light sensor to measure ambient lighting conditions (*up to 4 sensors per board*)
- 3-conductor, shielded #18AWG to connect interior light sensor
- Remote Interface controller
- 4-conductor, shielded #18AWG to connect Remote Interface
- 2-conductor, shielded #18AWG connects fixtures/luminaires to board terminals
- Mounting hardware
- Customized per location
- Installation/operation manual
- Engineered drawings for architects, engineers, installers
- Technical support

Compatibility

- Lightstat ALC
- Lightstat ALT
- Lightstat ELC
- Lightstat e-Stat thermostat



ELECTRICAL SPECIFICATIONS

General:

Voltage Rating.....120V AC
Current Draw.....500mA max
Operating Temperature.....32 - 158°F
(0 - 70°C Non-Condensing)

Each Fixture/Luminaire:

Wiring.....18 - 2 Shielded Cable*
Wiring Distance.....300 ft. Max

Each Interior Light Sensor:

Wiring.....18 - 3 Shielded Cable*
Wiring Distance.....300 ft. Max

Each Remote Interface:

Wiring.....18 - 4 Shielded Cable*
Wiring Distance.....300 ft. Max
* cable included with system

To Order Call Customer Service 1.800.292.2444

Part Number	Description
DP-K1-4DZ	Up to 4 Zones Dimming Panel (<i>1 kit included with panel</i>)
DP-K5-8DZ	Up to 8 Zones Dimming Panel (<i>5 kits included with panel</i>)
DP-K-1DZ	Kit includes 1 Light Sensor and 1 Dimmer Switch
DP-LS	Light Sensor
DP-DS	Dimmer Switch



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