

Lighting Systems

Architectural Dimming

Crestron Green Light Architectural Dimming products are designed for control of lighting in theaters, restaurants, offices, and anywhere centralized dimming is desired. With a range of panel sizes and configurations available, every system is fully scalable to custom-fit each installation. An extensive selection of Crestron keypads, touch screens, occupancy sensors, photocells, shade controllers, and numerous other peripheral options afford astounding design flexibility with unparalleled capability for integration.

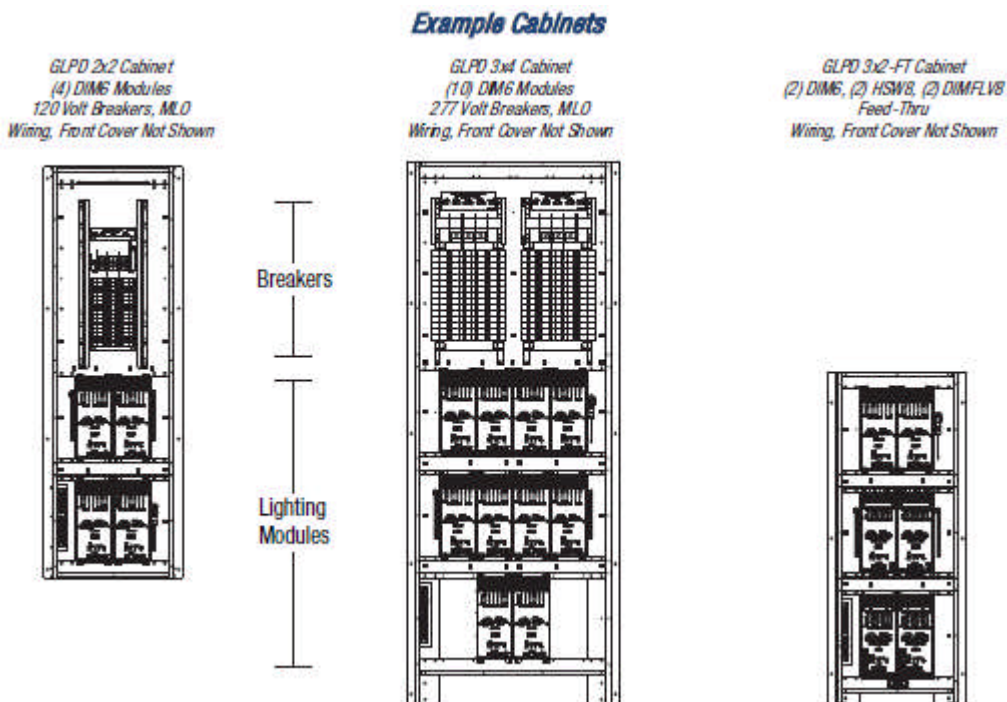
- Centralized dimming system
- Available with integrated main lug and branch breakers
- Keypads and touch screens offer flexible control anywhere
- Astronomical clock allows events to be scheduled around sunrise/sunset
- Sensor integration for occupancy sensing and daylight harvesting
- Emergency override assures reliable lighting in critical areas



GLPD panels are available with integrated circuit breakers. GLPD panels without integrated circuit breakers are known as “feed-thru” cabinets. Dimming in a feed-thru cabinet is also available with the GLPX panel from the Green Light Express product line. To learn more or configure a GLPX panel, see the Green Light Express section on page 28.

When to Specify Architectural Dimming

If you need to dim a large amount of lighting loads, Architectural Dimming panels are the tool for the job. When specifying, keep in mind that the panel requires all load wiring to home-run to a single location, preferably a utility room where the panel can be installed. A single panel can control up to 60 lighting loads. If necessary, multiple panels can be configured and connected through the control system. With Architectural Dimming panels, no job is too big.



Example Architectural Dimming Application

Below is an example Architectural Dimming panel application. Lighting is directly controlled through the AC wiring coming out of the panel. The panel connects to a PAC2 processor via Cresnet®. Also connected to the PAC2 are C2N shade controllers, a photocell, a motion sensor, a keypad, and a touch screen. Everything can be controlled and monitored from the connected PC by using RoomView®.

