

Simplicity[®]
HUNT Dimming
Daylighting Overview



The Dimming System.

The dimming system is the intelligence behind a daylighting application that seamlessly integrates both the controllable and passive components to make the daylighting system responsive and adaptable.



What we do.

HUNT Dimming manufactures dimming products that monitor, process and control ambient light levels from photo sensors, motorized shades, light pipes, light shelves, or other controllable and passive sources to maintain LEED-specified or alternatively desired light levels.

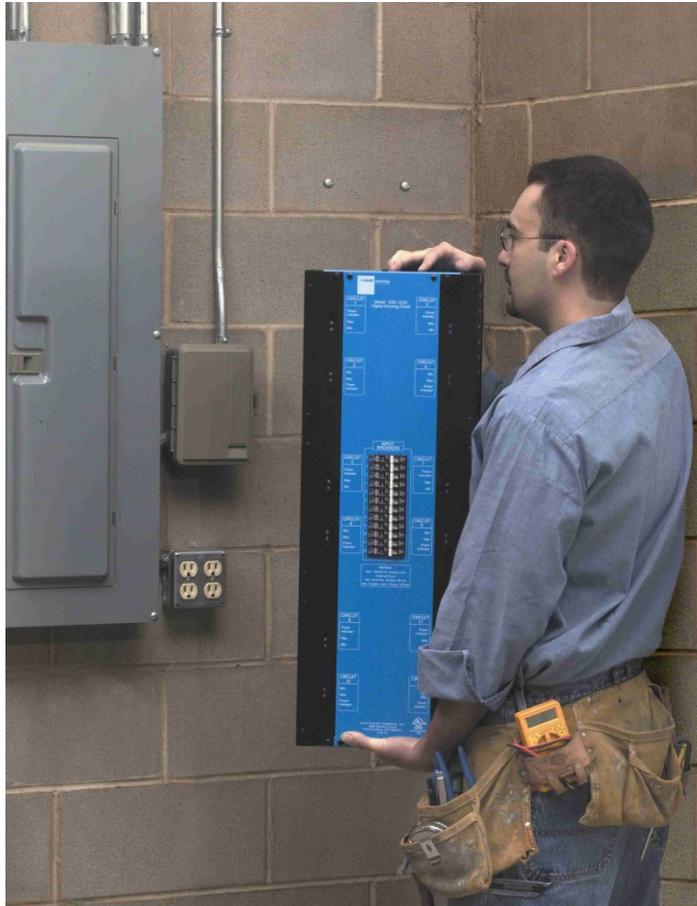


How we do it.

HUNT Dimming monitors & controls via digital or analog inputs and outputs, RS-485, RS-232 or DMX-512.

Proprietary HUNT software integrates the components to provide a single control source for the user.

Control options include powerful LCD Touchscreens, wireless laptop or handheld controls, PC-based systems and even simple pushbutton controls.



Utilizing the industry's smallest, lightest-weight, convection-cooled dimming panel.

HUNT Dimming's 12 circuit, 20 amp panel measures just 29" tall and weighs only 53 lbs.

HUNT Dimming panels are as small as *1/3 the size* and as light as *1/2 the weight* of typical panels.

Modular design allows for one-man installation

- Saves on installation labor
- Less moving around of existing equipment

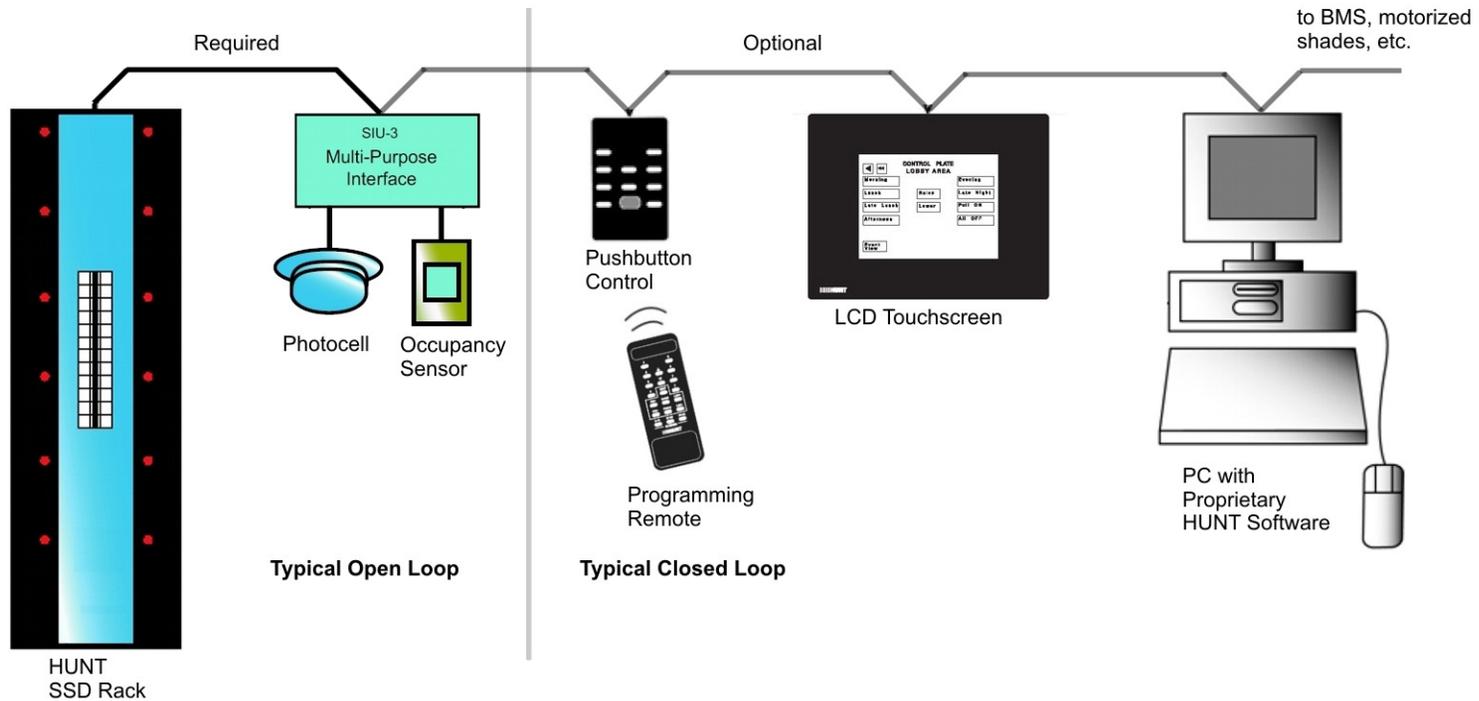
De-Centralized control

- Each panel has its own microprocessor
 - Provides system integrity
 - Prevents catastrophic failure

***HUNT Dimming* equipment specifics...**

- Operating conditions: Dimming, ON/OFF or both
- Other compatible lighting system components:
 - HUNT interfaces with 0-10VDC low voltage or 120V or 277V line voltage products
 - HUNT controls DALI in broadcast mode for simplified daylighting or zone control
- Components required for a stand-alone system:
 - HUNT *Simplicity™ Series* Dimming Rack and multi-purpose interface unit
 - Optional LCD Touchscreens, Wall Controllers and Infrared Programming Remotes are also available
- HUNT system operation is job/specifier dependant
 - Open Loop or Closed Loop system flexibility
 - Single or Multi-Zone system capability

***HUNT Dimming* Daylight Harvesting application in a windowed room.**



Steps and procedures required to commission a typical single-room system:

From "Lighting Commissioning" by Shaun Darragh, LC

Definition: Commissioning is a systematic process of ensuring that all building systems perform interactively according to documented design intent and the owner's operational needs.

Note: Start-up is not commissioning.

Check list of items to consider:

- Calibrate Occupancy / Daylight Sensors
- Calibrate Lumen Maintenance Levels
- Program Time of Day Scheduling
- Program Preset Dimming Scenes
- Interface with BMS / Fire / Security
- Interface with A/V systems
- Program User PC Controls
- Explain and Demonstrate System Functions and Programming to Owner

Unique features of *HUNT Dimming* daylighting system minimizes commissioning time in the field:

- “Plug-and-Play” design
 - Daylighting System Design and Programming features are factory pre-installed
 - Minimizes on-site commissioning time
 - System may only require on-site calibration
- Programming Remote
 - Provides for easy on-site scene changes and light level adjustments
 - Simplifies Calibration of Lumen Maintenance Levels
 - No PC or special software is required



Visit with us about your next Daylighting project.

Dimming. It's all we do. Since 1960.

www.hunt Dimming.com