

Simple, Cost-Effective Alternatives to Dimming Enabled by Innovative New Half-Light™ Controllers From Functional Devices, Inc.

(May 10, 2010 – Russiaville, IN) Functional Devices, Inc. is pleased to announce its continued innovation in the lighting industry with the introduction of its new, energy-saving series of Half-Light™ Controllers. Providing independent control for multiple ballast light fixtures from a single existing wall switch, the company's new Two Stage and Three Stage Half-Light Controllers can significantly reduce a building's light output, enabling professional lighting users to cost-effectively enjoy the benefits of lighting control with just a simple toggle of their wall-based light switch. Easy to use and install, Half-Light Controllers from Functional Devices are fully compatible with the market's range of popular fluorescent and HID lamps and represent a simple and affordable alternative to the industry's costlier and more complicated dimming systems and components.

Ideal for use in general office, schools and industrial settings, public areas such as stairwells and restrooms, and applications involving occupancy sensors, Two Stage and Three Stage Half-Light Controllers install directly into the fluorescent or HID ballast channel wherever a dual or multi-ballast lighting configuration is present, offering the following simple, pre-packaged energy saving dimming options:

- The **Two Stage Half Light Controller** (HAF2) is designed for a 2-ballast, 4-lamp fixture where each ballast controls two lamps. Within this configuration, an initial toggle "on" of the wall switch activates one ballast only to produce 50% light; by toggling the switch "off" and then "on" again, both ballasts will be activated to deliver full light output.
- The **Three Stage Half Light Controller** (HAF3) is designed for a 6-lamp fixture where one ballast controls two lamps and the other ballast controls the remaining four lamps. Within this configuration, an initial toggle "on" of the wall switch activates ballast one only to deliver 33% light; toggling the switch "off" and then "on" again will activate ballast two only to produce 67% light, and by toggling the switch "off" and then "on" again a final time, both ballasts will be activated to deliver full light output.

In both cases, the sequences can be easily restarted by holding the switch in the "off" mode for at least 5 seconds.

Low profile and lightweight, the Half-Light Controllers represent a simple and cost-effective alternative to costlier and more complicated dimming systems and components while still helping a building to meet the prestigious Leadership in Environmental and Energy Design (LEED) certification. The Half-Light Controllers always default to the most energy-saving setting available and can reduce the energy consumed by lighting by as much as 67% (in the case of the HAF3 model) while enhancing worker comfort and satisfaction levels by reducing the glare and eyestrain issues often associated with overlit workplace settings. As revealed in a 2009 study by Purdue University professor Dr. Thanos Tzempelikos M.A.Sc., Ph.D. (full study available in its entirety at www.functionaldevices.com), significant energy and cost savings were realized in the commercial setting through use of the Half-Light product.

About Functional Devices, Inc.

A leading manufacturer of building automation and lighting control peripheral products as well as a range of energy-saving offerings under its RIB® trademark and other brand names for over 40 years, Russiaville, Indiana-based Functional Devices, Inc. is introducing Half-Light Controllers as part of a new line of pre-packaged products specifically designed for the lighting market. Visit Functional Devices on their website at www.functionaldevices.com or by calling (800) 888-5538.