



Sophisticated yet simple energy-efficient lighting solutions

Dynalite Leading Edge Dimmers

Philips Dynalite supports a wide selection of dimmer units that are compatible with most lamp types. By selecting the right dimmer for the different lamp types, an unlimited number of combinations of dimmer units can be chosen to work together in one project. Utilizing the very latest in microprocessor technology, every Dynalite dimmer has many built-in dedicated features for the lighting control industry. Industry-leading 16-bit fading resolution allows ultra-smooth dimming in projects where this is critical for flicker-free scene changes. The dimmers are capable of fading from one scene to another over a period ranging from one second to 23 hours, triggered from a single network message. This allows simpler programming and a smooth transition from one scene to the next – a feature that is perfect for daylight harvesting in projects requiring energy management.

Benefits

- Allows lighting designers to push the boundaries of creativity

Features

- Each dimmer can store over 170 scenes for unrestricted flexibility Live editing of lighting levels

Application

- Depends on the lighting system in which the controls are used

Dynalite Leading Edge Dimmers

Versions



The DLE220-S is a 2 channel energy management controller with a maximum load of 20A per channel. It is suitable for controlling large loads, including incandescent, low voltage, neon and selected fluorescent light sources. The DLE220-S is designed for applications in which lamp life is critical, such as where lamp maintenance is difficult or expensive. It complements Philips Dynalite's multi-channel dimmers by providing extra channels when additional load capacity is required. It is DMX512 compatible, making it perfect for use in theaters and auditoriums.



The DLE410 is a 4 channel energy management controller with a maximum load per channel of 10A. It is suitable for use with incandescent, low voltage, neon and selected fluorescent light sources. In applications where there can be numerous users, such as lecture theaters, the DLE410 can be configured with control panels and an IR receiver to provide preset scenes for entry, set-up, cleaning and presentations. An override capability for presenters can be provided using Philips Dynalite's IR handset.



The DTE1210 is a 12 channel energy management controller with a maximum load per channel of 10A. It has a trailing edge output, making it suitable for use with most types of dimmable electronic transformers. The DTE1210 can operate from a three phase or single phase supply, and is especially suited for controlling track mounted fixtures on three circuit track. Using a three phase supply when the DTE1210 is connected to three circuit track allows the track to be loaded to its maximum rating. Philips Dynalite's superior voltage regulation and soft start technologies protect lamps, dramatically extending their life. The power circuit for each channel is contained within plug-in modules for ease of maintenance. The device incorporates a Programmable Logic Controller that can process complex conditional and sequential logic and macro functions. It is DMX512 compatible, making it perfect for use in theaters and auditoriums.

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Versions



The DDLE801 is an eight-channel leading-edge dimmer with a maximum load per channel of 1 amp. It is suitable for use with LEDs, incandescent and leading-edge-compatible magnetic/electronic transformers. The DDLE801 utilizes Philips Dynalite's superior voltage regulation and soft-start technologies, which protect lamps from overvoltage and dramatically increase lamp life. Built into the dimmer unit, it is the most advanced phase-cut driving technology to date and allows dramatic improvements to the stability and range of LED dimming. The mix of channel numbers and size, combined with the advanced LED dimming features, makes the unit perfect for residential, commercial and hotel room applications. The front panel of the DDLE801 includes a back-lit keypad that provides status indication and local control of individual channels. It also features an LED illuminated service switch for diagnostics. The device is DIN-rail-mountable and is designed to be installed in a switchboard, ideally next to a circuit breaker feeding the unit.

Product details



Front of the DLE220-S 2 x 20A Leading Edge Dimmer Controller



Front of the DLE410 4 x 10A Leading Edge Dimmer Controller

Dynalite Leading Edge Dimmers

Product details



Front of the DTE1210 12 x 10A
Trailing Edge Dimmer Controller



Front of the DDLE801 8 x 1A
Leading Edge Dimmer Controller

