EVERLAST® LIGHTING

introduction

Adaptive exterior lighting is a relatively new concept recognized by the lighting industry and energy regulators as a potential method to increase energy savings in outdoor applications. Many adaptive exterior lighting products are being developed and have been introduced into the marketplace, allowing users to implement dynamic lighting designs that offer 30 – 75% energy savings over traditional systems. These savings are achieved by coupling advanced lighting controls with an efficacious, dimmable source. When a space is unoccupied or has substantially reduced traffic volume, adaptive luminaires deliver lower light levels with substantially reduced power consumption. Full light levels may be achieved by using occupancy sensors that recognize activity in the space, or time schedules may be used to adjust light levels during active periods.

> "Energy-efficient lighting has never been more important or more achievable. We have innovative products for every lighting need that can cut electricity use by up to 50%, which saves consumers money while helping the environment."
>
> -Michael Siminovitch, CLTC Director

Adaptive lighting effectively reduces energy use in spaces with low occupancy rates where a minimum light level is required for safety or other reasons, preventing the lights from being completely extinguished.[1] The complete line of street and area products offered by EverLast® not only fills this need, but does so in a manner that exceeds almost any design criteria for commercial or municipal customers. Many EverLast® customers have successfully implemented daylight controls, 0-10v full range dimming, and Radio Frequency controls that provide additional levels of adaptability and savings.

EverLast® Lighting is a subsidiary of Full Spectrum Solutions, Inc. and has quickly grown into the leading manufacturer of energy-efficient lighting solutions for roadway, parking structure, facility and area lighting applications.

PHOTO CREDIT: Kathreen Fontecha / CLTC, UC Davis

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[1]CLTC Guide for Implementing Adaptive Energy Efficient Exterior Lighting