



News Release

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For Immediate Release

Maximum Energy Savings for Parking Garage Lighting with High-Efficiency Fluorescent Lighting

The **SpecLight®** family of fluorescent luminaires designed for parking garage applications offers uniform lighting solutions while providing substantial energy savings over HID alternatives. Fluorescent T5HO and T8 luminaires provide **an average 40 to 50% energy savings over one-for-one replacement of pulse start 175-watt metal halide fixtures** and have been shown in case studies to provide up to **65% in overall energy saving versus 175-watt probe start metal halide solutions**. The superior optical qualities coupled with advancements in lamp and ballast technology have made fluorescent lighting a preferred solution for parking garage illumination. SpecLight offers three fixtures specifically designed for parking garage applications. The FPG, FSW and FPIM series combine high efficiency with internal specular reflectors for a uniformly illuminated space. "Our objectives were to design a family of products that took advantage of the energy savings as well as superior optical performance and control offered by fluorescent lighting. Our products deliver efficient soft lighting in the parking areas while minimizing glare on drivers' eyes," commented Gene Rudolph, Vice President and General Manager of Acuity Brands Lighting – Austin. All luminaires are available with T5HO and T8 lamps and are engineered for thermal management and tested in an in-house thermal chamber for environments up to 40°C ambient temperature. For entrances, elevator lobbies, pedestrian waiting areas and stairwells normal distribution versions are offered. The asymmetric reflector option is also available on all parking garage series luminaires and eliminates direct glare from fixtures to areas adjacent to open-sided parking structures. The asymmetric reflectors are designed for double-row applications and should be used for both rows in bays incorporating open exterior walls where light trespass control is needed.

The fluorescent fixtures offer instant-on/-off and integrate easily with photocell daylight control systems where parking bays receive natural light. Dimming ballasts are available to integrate with more complex daylight variable light level systems when specified. The FPG and FSW series are gasketed and sealed; IP65 rated and wet location UL listed. Both series will operate in a temperature range down to -20°C/-29°F when using T5HO lamps. The FPG series has a low-profile rugged polycarbonate full-cover lens housing with post-painted steel back plate for a high level of security and durability. The FSW has a gasketed fiberglass housing with nylon latches. Optional stainless steel latches are available. The FPIM series design is intended for applications where open fixtures and very cold temperatures are not a primary concern. It has a heavy gauge powder-coated wire guard and the housing is fabricated of 22-gauge pre-painted, cold-rolled steel.

High-performance energy efficient fluorescent luminaires are fast becoming the preferred choice for lighting parking garages. Compared to 72% lumen maintenance for pulse start metal halide fixtures, fluorescent lighting systems have nearly twice the lamp life and maintain 95% of rated lumens. With a Color Rendering Index (CRI) of 85 versus a CRI of 65 for metal halide lamps and 21 for high-pressure sodium lamps, color recognition and visibility quality are improved when using fluorescent luminaires. When fitted with on-board battery backup the need for separate self-contained emergency lighting equipment is eliminated.

SpecLight, an Acuity Brands company based out of Austin, Texas, is a U.S.A.-based manufacturer of energy efficient standard and custom designed fluorescent lighting fixtures for a wide variety of commercial and industrial applications. SpecLight is a 6-year-old brand and was established by the Lithonia Fluorescent Group. Its original mission was to customize fluorescent products. SpecLight has evolved into a stand-alone brand specializing in highly configurable standard products, modifications and complete custom solutions. SpecLight is vertically integrated, allowing for the creation of innovative new products and to provide rapid responses to modification and custom requests resulting in a superior customer experience.

Acuity Brands, Inc. owns and operates Acuity Brands Lighting. With fiscal year 2007 net sales of approximately \$2.0 billion, Acuity Brands Lighting is one of the world's leading providers of lighting fixtures and related services and includes brands such as Lithonia Lighting(R), Holophane(R), Peerless(R), Mark Architectural Lighting(R), Hydrel(R), American Electric Lighting(R), Gotham(R), Carandini(R), SpecLight(R), MetalOptics(R), Antique Street Lamps(TM), and Synergy Lighting Controls(R). Headquartered in Atlanta, Georgia, Acuity Brands employs approximately 7,000 associates and has operations throughout North America and in Europe and Asia.

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