

EXCLUSIVELY FACILITY MANAGERS

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Today's

FACILITY MANAGER

Water: Keep Out!

Roof Maintenance Plans are the latest tool in the battle against water damage.

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BIM For Integrated Systems

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IAQ And Green Codes

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Senior Living In Style

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focus on: green lights

1 RTLED by Lithonia Lighting

RTLED is a volumetric recessed luminaire that delivers ambient white light throughout a space while reducing energy costs, maintenance costs, and a building's environmental footprint.

The RTLED is powered by an advanced Samsung LED light engine for a color rendering index (CRI) of 82, a 3500K color temperature, and full range dimming with 0 to 10V DC control. It provides 50,000 hours of light at L80 depreciation and adjusts itself to eliminate over lighting. The RTLED also tracks its own operating hours and gives a visual indicator when the luminaire has reached the end of its service life.

The RTLED is free of mercury and lead, uses recyclable components and materials (including more than 50% recycled steel), and minimizes waste in the manufacturing and distribution process. It also features a compact design (3¹/₈" deep) and plug and play connectivity with Cat5 cable.

Currently available in 2' x 2', 1' x 4', and 2' x 4' configurations, the RTLED luminaires may be mounted end-to-end and continuously wired.

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2 LED PAR38 and PAR30 Lamps by Sharp®

Seven new LED PAR38 and PAR30 indoor lamps provide light in an



1 RTLED by Lithonia Lighting

eco-friendly form, ensuring long lasting durability for traditional downlight applications. Constructed of an aluminum body and polycarbonate lens, they are available in a variety of brightness and color temperatures for retrofits or new construction.

The four PAR38 lamps have 45 lumens per watt and a CRI of 85. The 20 watt, 900 lumen DL-L20P3830A and 16 watt, 720 lumen DL-L16P3830A are warm white models with 3000K correlated color temperatures (CCT). The 20 watt, 900 lumen DL-L20P3840A and 16 watt, 720 lumen DL-L16P3840A cool white models have 4000K CCT.

The three PAR30 lamps are 12 watts with 600 lumens, 50 lumens per watt, and a CRI of 82. Warm white models DL-L12P3030A and DL-L12P3L30A have a 3000K CCT while the cool white model DL-L12P3040A has a 4000K CCT.

LED PAR38 and PAR30 lamps are lead and mercury free and cUL and RoHS certified. Objects being illuminated are safe from ultraviolet and infrared rays, and the lights generate very low heat levels. They feature a 25° beam angle, provide 40,000 hours of average life, and are 10% to 100% dimmable. PAR38 and PAR30 lamps have a temperature range of -4°F to 95°F, a frequency of 60HZ, a voltage of 120v AC, and include six units per shipping package.

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3 NanoLumen™ by USAI®

NanoLumen is a flexible lighting system with 60% efficacy through a 2.5"



2 LED PAR38 and PAR30 Lamps by Sharp®

aperture. Designed around ceramic metal halide T4 lamps, it has a 12,000 hour lamp life, consistent lamp to lamp color, a high CRI, and quality optical control.

NanoLumen includes aiming memory, a patent pending feature that allows 362° self-locking horizontal rotation and zero to 40° vertical adjustment without disturbing the set and locked lamp position. It also has a twist and lock interchangeable reflector system—with four reflectors ranging from 10° to 60°—that assures flexibility while maintaining design consistency. In addition, NanoLumen's captive lamp assembly rotates to provide easy access for relamping without separating components. And through its plug and play trim assembly, the fixture can transition between downlight, adjustable, and wall wash functions.

The NanoLumen product line is also available for metal halide, MR-16, and low voltage halogen MR-16 lamps with round, square, trimmed, and "barely there" trimless options. The lights help meet LEED® criteria and energy codes requiring ASHRAE 90.1-2001 standards or later.

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4 LED Surface Mount Downlights by Sea Gull Lighting® Products, LLC

LED Surface Mount Downlights are low profile alternatives to traditional



3 NanoLumen™ by USAI®