

Bulbs and Ballast



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Rating: Not Rated Yet

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Description

In the past decade, tremendous advances have been made in the efficiency of virtually all commercial lighting products.

AMC's lighting products are of better quality light, last longer.

Electronic Ballasts

Ballasts are in all fluorescent light fixtures and are used to operate fluorescent

lamps. Electronic ballasts operate lamps at high frequency producing more light

and less heat than the old core-and-coil magnetic ballasts.

Simply by changing the ballasts and installing T8 lamps you can save up to 40

percent compared to older systems. In addition to providing higher quality light

and energy savings electronic ballasts can operate 1, 2, 3, or 4 lamps instead of

the maximum of 2 which old standard ballasts can operate. That means 3 and 4

lamp fixtures can operate with 1 instead of 2 ballasts, which means less ballasts

are required for the efficiency conversion.

Reflector Retrofits

Reflector retrofit kits are made of highly specular aluminum and are made to install

into existing light fixtures. In a recessed fixture a reflector can take light that is

trapped in the fixture and direct it to the workplace where it is needed. In open strip

or industrial applications reflectors can be used to take wasted light off the ceiling

and direct it to where it is needed. Fixtures with reflectors are more efficient and can

often use fewer lamps than standard "white box" fixtures to produce a desired light

level.

High-Efficiency High Bays

New state of the art fluorescent highbay fixtures replace 400w metal halide. The new

fixtures use half the energy of the old metal halides. (Only 224watts compared to

457 watts.) Light levels surpass metal halide after only a couple months and

maintain 93% of the light throughout the life of the lamps.

Metal Halide

In High or Low Bay applications where Metal Halide is to be installed use of Linear

Reactor Ballasts will save 60 and 84 watts, respectively while maintaining standard

400 watt metal halide light levels.

Warehouse and Industrial Lighting

Lighting of large storage areas present unique lighting application opportunities

because of the typical high ceilings, vertical illumination requirements associated

with label identification and intermittent use of a wide range of areas.

Recent advances in fluorescent technology coupled with occupancy control allow for

conversion of the traditional mercury vapor, metal halide or high pressure sodium

light sources in these areas to high efficiency, high-lumen fluorescent fixtures. These

conversions result in up to 45 percent reductions in power consumption, higher

levels of illumination, better visual comfort, improved color rendering, and a

reduction in burn hours. The net result is a significant reduction in operating costs

and improved worker productivity.

LED Exit Signs

Exit signs equipped with bright red or green LED's are brighter, more evenly

illuminated and easier to read than old incandescent or compact fluorescent signs.

These signs run many coolers. The sign faces won't warp, melt or discolor. Back-up

batteries fit inside the sign itself with no bulky, unattractive battery pack attached.

The LED signs are basically maintenance-free. The LED's are rated to last 25 years

compared to less than 1 year for incandescent lamps. Most importantly, these signs

typically use only 2-5 watts compared to up to 40 for an incandescent sign.

Compact Fluorescents

Compact fluorescent lamps are primarily used to replace incandescent bulbs. CFL's

produce four times the light and last ten times longer than standard incandescent.

Screw-in compact fluorescents are available up to 42 watts which can replace a 200

watt incandescent lamp. Also, replacement fixtures with CFL lamps are available for

virtually any application. Energy savings of 75 percent are typical and paybacks are

usually less than one year.

Occupancy Sensors

Sometimes the best way to save energy is to turn the lights off when not being used.

Occupancy sensors will do just that. If a space is unoccupied the sensor will

automatically shut the lights off for you. Sensors are available that will replace

existing wall switches. These work well in private offices, lavatories and other small

rooms. Ceiling mount sensors are used to control lighting in areas as small as an

office or a restroom to an area as large as a warehouse. Anywhere a space is

unoccupied and the lights can be shut off is an excellent application.

Reviews

There are yet no reviews for this product.