

Look up and Look Around

Growing economic and safety concerns in the United States have caused many of us to step back and take a look at how we work and play. Ways to financially cut corners and increase our safety can begin with the lighting fixtures installed in your office, manufacturing areas and institutional facilities.

Energy and Cost Saving Opportunities

Whether your facility's lighting calls for fluorescent lens or parabolic troffers, HID high or low bays or even a specialty lighting system, you have the opportunity to reduce the amount of energy consumed by the fixture, and ultimately save money. Now is the time to look up and look around and re-evaluate your lighting fixtures.

Fluorescent Lighting Fixtures: T12 to T8

By changing from T12 to T8 lamps, you will not only appreciate the look and feel of a brighter, fresher space, but also, have an annual energy savings of \$32 over that of the T12 and an 8% increase in light output.

(based on \$0.10KwH @ 3800 hrs/yr.)

	T12 Magnetic Ballast	T8 Electronic Ballast
Light Output		
No. of Lamps	4	3
Lumens	2650	2850
Total Lumens	10600	8550
Ballast Factor	0.88	0.9
Lamp Lumen Depreciation	0.87	0.95
Fixture Efficiency	66.6	80.1
Delivered Mean Lumens	5405	5855
% Light		108.3%
Energy		
Input Watts	164	81
Hours Burned	3800	3800
Cost per KwH	0.10	0.10

Based on T12 energy saving lamp and energy saving ballast

HID Fixtures: High Pressure Sodium to Metal Halide

If reducing energy cost, increasing light levels, creating a safer work environment and enhancing the overall color in the space sounds good to you, then take a look at the lighting fixtures in your manufacturing, warehousing and industrial areas. Replacing the yellow high-pressure sodium fixtures with metal halide fixtures will help you reduce your energy usage, not to mention, improve color in your workspace.



HPS Metal Halide

To decrease your annual operating cost even more, retrofit your existing standard metal halide fixtures with pulse start metal halide fixtures. Pulse start technology can save you roughly 23% on your energy costs over standard metal halide.

Exit Signs: Incandescent & Fluorescent to LED

Replacing your existing fluorescent and incandescent exit signs with LED exit signs not only allows you to pocket money saved in annual energy savings, but also eliminates the need for you to ever have to replace a lamp, meaning lower maintenance costs.

- Pocket \$56/year in energy savings
(LED vs. incandescent @ \$0.10 KwH)
- Pocket \$34/year in energy savings
(LED vs. fluorescent @ \$0.10 KwH)

Look up and Look Around

Increased Safety and Security

Why be concerned about outdoor lighting?

Adequate and appropriate outdoor lighting is critical for your facility whether it be office buildings, industrial parks, schools or parking areas. Creating a sense of security around the facility is an important component of the lighting system. After dusk, accidents and the incidence of crime increase.

Benefits of Outdoor Lighting

- Protect property from theft and vandalism
- Provide a safer environment for visitors and your work force
- Reduce overall liability

Quality Outdoor Lighting

Quality outdoor lighting meets the needs of the community. These needs include providing visibility for safety, security, and identification. Lighting must be affordable to install and maintain and it must be energy efficient. Often lighting is used for visual interest, recreation and merchandising. Quality lighting accomplishes all of these objectives with

minimal impact on neighboring property or the environment.

Outdoor Lighting Fixtures include:

- Roadway
- Parking lots and garages
- Wallpacks
- Floodlights

Protect the people and property around your facility. Look up and look around at your outdoor lighting fixtures.

