



Area Energy & Electric, Inc.

Lighting Retrofit Specialists

24 Hour Service
800-373-8826

It's time to make the switch to high performance lighting.

Area Energy & Electric can replace your old HID lights to optimize your energy efficiency and maximize the lighting output throughout your facility.

Since lighting represents as much as 50% of industrial and commercial electrical consumption, replacing outdated inefficient lighting will provide significant cost savings. The change from HID to high performance lighting also improves color rendering and generally increases light levels, resulting in improved morale, productivity and safety.

Industrial Facility

"The first thing that caught my attention was the energy savings of 50%. Then I realized the intangibles, 50% better lighting, worker safety, noise reduction, and lower heat levels, were equally valuable."

— Industrial Facility Manager —



High Pressure Sodium - **Before**



6 Lamp T-8 High Bay - **After**

Use the chart below to find out how much you can save per fixture replaced.

Electric Rate (\$/KWh)

Hours Used Per Year	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.10	\$0.12	\$0.14
3,000	\$36.60	\$43.92	\$51.24	\$58.56	\$65.88	\$73.20	\$87.84	\$102.48
4,000	\$48.80	\$58.56	\$68.34	\$78.08	\$87.84	\$97.60	\$117.12	\$136.64
5,000	\$61.00	\$73.20	\$85.40	\$97.60	\$109.80	\$122.00	\$146.40	\$170.80
6,000	\$73.20	\$87.84	\$102.48	\$117.12	\$131.76	\$146.40	\$175.68	\$204.96
7,000	\$85.40	\$102.48	\$119.56	\$136.64	\$153.72	\$170.80	\$204.96	\$239.12
8,000	\$97.60	\$117.12	\$136.64	\$156.16	\$175.68	\$195.20	\$234.24	\$273.28
8,760	\$106.87	\$128.25	\$149.62	\$171.00	\$192.37	\$213.74	\$256.49	\$299.24

Calculations based on replacing a 400 watt HID

Chart supplied by Orion Lighting.

The Advantages are Clear!



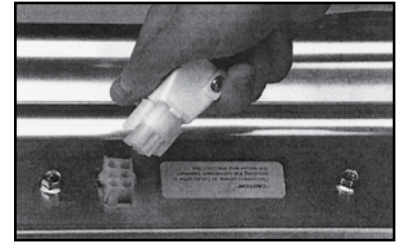
Removable Power Pack

The innovative design of the high performance fixtures reduces heat build up. Power pack technology separates ballast heat from lamp heat for improved efficiency and cooler operating temperatures. The design also allows access to ballasts without tools.



Plug and Play Design

The modular plug and play system means no hardwiring is needed. With this power supply concept, you not only get a fixture that performs today, but one that will take you into the future. Upgrades such as motion sensors, modular power extenders, or advanced controls can be added quickly and economically at a later date.



Freezer Series



Metal Halide - *Before*



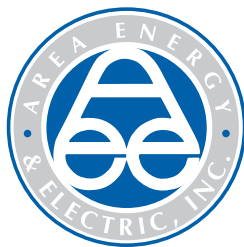
6 Lamp T-8 Freezer - *After*

Significant Benefits

- Energy Savings
- Reduction in heating costs
- Reduction in air-conditioning costs
- Reduction in harmful emissions
- Increased Visibility
- Improved Productivity
- Improved Safety



The average savings per fixture when replacing a 400 watt HID with a high performance light is \$100 per year with significant environmental benefits.



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