



955 American Lane
Schaumburg, IL
USA



Old High Energy Metal Halide Fixtures

- Quantity: 254
- 175 Watt Lamp (208 Watt total draw)
- 2 year useful life

New Low Energy Domestic Induction Fixtures

- Quantity: 245
- 100 Watt Lamp (89 Watt total draw)
- 11.4 year useful life

*"Looks GREAT, I can't thank you enough!Lots of compliments from the staff." Terry Melvin
Director of Facilities*

Old Metal Halide Wattage
New ECO Quad Wattage

50,960 Watts
21,805 Watts

Total Energy Reduction:

57%



Annual Energy Savings (11¢/kWh)
Annual Maintenance Savings

\$28,147
\$11,240

Total Annual Savings:

\$39,387




Simple Payback
Payback with Combined Utility and EPACK

2.70 Years
1.75 Years

10 Year Positive Cashflow:

\$377,500

Includes 5% annual increase in energy costs per year

Carbon Reductions over 10 years	1,760 tons of CO ₂ 
Mercury Reduction over 10 years	 21,804 milligrams
Cars off the road for 10 years	463 sedans 

CASE STUDY



About the Project

Faced with ever diminishing light levels and skyrocketing maintenance costs, Experian looked to Sustainable Lighting Solutions and ECO Parking Lights to offer a state of the art solution to their lighting needs. The existing 175 watt Metal Halide lamps were depreciating so quickly that relamping was required every two years. Experian looked at a number of lighting technologies that are popular today.

Competing Options

Fluorescent was considered too costly to install and high maintenance because of its short lamp life. Cold Chicago temperatures threatened winter lighting level, and a linear lighting pattern would not be sufficient to hold even foot-candles on a one-to-one replacement without adding significantly more fixtures.

Compact Fluorescents were considered residential in application and would not supply the necessary light output for a commercial application. It was deemed that offering a high maintenance option with a short lamp life and non-UL certification solution was not to their benefit.

LED was problematic because of the high cost and glare issues of quality fixtures mounted at the low heights of a parking garage. This combination of height and glare did not offer a safe and cost effective solution. Low cost LED fixtures did not perform well and quality was far from acceptable.

Induction Solution

Sustainable Lighting Solutions offered ECO Parking Light ECO Quad Induction fixtures on a one-to-one replacement. After a year-long demonstration of the technologies, Experian felt that the Induction solution met all of their needs. They were looking for Energy Reduction, Maintenance Reduction, Improved Lighting Levels, Improved Color, and Safety.

Sustainable Lighting Solutions and Experian selected ECO Parking lights for a number of reasons. ECO designs and manufactures their own fixtures. The product uses the Sylvania Icteron induction technology with its proven 100,000 hour lamp life and a comprehensive 5 year parts and labor warranty fully supported by Sylvania Lighting Services. The installation of the 254 fixtures took just 15 minutes per fixture!

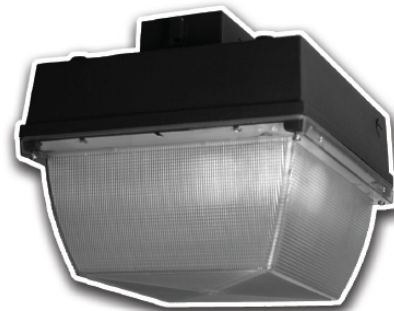
The project qualified for an attractive EPACK2005 tax deduction and enjoyed a rebate from ComEd. ECO can assist you in both of these areas.

“As an added bonus, we received incentives from the ComEd Smart Ideas Program.”

***Terry Melvin
Experian***

“My guys couldn’t believe it. It took about 15 minutes per fixture to replace. We just re-used the J-Box, attached the new pendants and just like that, we were on to the next one.”

**Mike Sweitzer
Sustainable Lighting
Solutions**



“There is no question in their mind that they chose the right solution. The ECO Parking Lights product is by far the best designed Induction lighting fixture on the market today. It is the easiest to install, great price and with Sylvania providing the warranty service, it’s a no-brainer.”

**Bob Sweitzer
Sustainable Lighting
Solutions**

About Experian

Experian is a global leader in consumer and business credit reporting and marketing services and a constituent of the United Kingdom’s FTSE 100 index, with revenues in excess of \$4 billion. They support clients in more than 65 countries and employ more than 15,500 people in 38 countries. They are one of the three credit reporting agencies whose reports are calculated for an individual’s FICO score.