

**“We are very pleased with the performance and savings provided by our new lighting system.”**

Dan Behlmann - Owner

Behlmann GMC – Saint Louis, MO

**Annual Energy Savings**

(T5 Exterior Fixtures)

|                          |             |
|--------------------------|-------------|
| Energy Savings:          | \$46,686    |
| Displaced Energy:        | 622,616 kWh |
| Displaced Capacity:      | 144.0 kW    |
| Light Level Improvement: | 39.3%       |

Post-Installation – Approximately 39 Foot-candles



Pre-Installation – Approximately 28 Foot-candles

**Annual Environmental Impacts:**

(T5 Exterior Fixtures)

|                            |              |
|----------------------------|--------------|
| CO <sub>2</sub> Reduction: | 405 tons     |
| SO <sub>2</sub> Reduction: | 1.48 tons    |
| NO <sub>x</sub> Reduction: | 0.56 tons    |
| Mercury Reduction:         | 0.017 Pounds |

**This reduction is equivalent to:**

- Planting 114 acres of trees annually
- Removing 101 cars from the road each year
- Saving 51,398 gallons of gasoline each year
- Reducing oil demand by 1,224 barrels per year

