

Case Study:

The Minster Machine Company – Minster, Ohio

World Class Provider of Material Forming Equipment Reduces Energy Costs, Wins Employee Praise with Williams GL Lighting System



Job Specific Information:

- 154 Williams GL 4-lamp 54-watt T5HO luminaires replaced 400-watt high pressure sodium fixtures were one-for-one
- Mounting Height: 30' - 34' above the floor
- Spacing: 15' x 20' on center
- Footcandle Level: Increased 20% from 48 to 60 average maintained
- Energy Costs: Reduced 50%
- For complete GL specifications, visit www.hewilliams.com

As facilities planning manager for a world-class provider of material forming equipment and solutions, Don Kemper had been hunting for cost-effective ways to upgrade the company's lighting.

"I had been looking at different lighting technologies for a new service and repair parts facility and our Customer Education Center," he said. "The color provided by our existing high pressure sodium lights was really poor."

After experimenting with samples from one fluorescent manufacturer that resulted in shadowing and employee complaints, Kemper tried Williams GL T5HO luminaires in both locations. The change produced impressive results.

In the service and repair parts facility, Kemper installed 114 four-lamp GL fixtures, which replaced 400-watt high pressure sodium units one-for-one. The GL system increased maintained footcandle levels in the area by 20% while cutting energy consumption in half. Meanwhile, in Minster's Customer Education Center, a one-for-one replacement of high pressure sodium fixtures to 40 Williams GL four-lamp T5 luminaires delivered immediate benefits. Kemper said the new lighting really brought out the facility's true white, gold and green colors, which took on a yellowish tint under the old lighting. The improvement in lighting quality was enough to spark unsolicited employee praise.

"It was a night and day difference," said Kemper. "After we installed the Williams GLs, we had people coming from other parts of the company who said, 'Hey, can you install those lights in our area?'"