

Milgard Project Sees Transformative Results

Milgard, Tualatin Oregon took action to improve the lighting in their facility by massively increasing light levels and by bringing their system in-line with industry standards. However, the greatest achievements from this project go far beyond lighting. Armed with evidence from studies in the Netherlands, Milgard Tualatin significantly impacted their broader facility performance increasing production, productivity, and employee safety. Here's how Milgard Tualatin quantified the impact of their energy optimization project and redefined ROI beyond energy savings.



Productivity Increase

5%

Manufacturing Foot Candle Increases

10-20FC

85-100FC

Problem

Milgard Tualatin Oregon had under-performing lighting systems and a need to improve the safety and productivity in their facility. They knew that increased light-levels would be an effective way to achieve this objective because of research showing it's deep relations into numerous aspects of facility performance.

Solution

A full turn-key lighting optimization project was able to meet these goals and more. With a custom lighting plan that increased foot candle (FC) readings from **10-20FC** to **85-100FC** in manufacturing and from **10-20FC** to **125FC** in the detailed glass inspection areas. The change was astronomical. The improved visibility reduced waste, improved safety, improved morale and increased productivity by a massive **5%**.

How much is a 5% increase in production worth to you?