



NEWS BRIEF

Lumenal Lighting Completes Lighting Retrofit for Consolidated Container Company

February 29, 2016

Consolidated Container Company (CCC) engaged Lumenal Lighting to perform a full lighting retrofit, including energy assessment, design and installation. As one of the nation's largest suppliers of rigid plastic packaging, CCC was troubled by low lighting levels that were negatively affecting production quality and customer service. As a result of the retrofit, CCC will benefit from a 50,730 kWh annual energy savings, representing a 35% lighting system energy reduction.

In providing the ideal lighting solution to CCC, Lumenal Lighting was proud to partner with Grainger, North America's leading supplier of maintenance, repair and operating products. Lumenal reviewed CCC's preliminary designs, performed an energy assessment, and augmented the designs to ensure they met efficiency requirements. This enabled CCC to gain an 11% utility rebate from Puget Sound Energy.

Oscar Chiqui, Maintenance Manager for CCC's Tukwila facility, shared his appreciation of the results. "The increase in light levels has been fantastic. There have been many positive comments from our employees and less complaints. We are making fewer mistakes since we can see the codes more clearly and we're providing better service to our customers. The Lumenal installation team was very professional and did a great job working with us to allow us to continue our production schedule. They followed our safety procedures and finished the project in a timely manner."

Lumenal installed 53 high bay fixtures in the production area (253W LEDs plus control package) and 50 in the warehouse (198W LEDs with integrated sensors on each fixture); installed 7 exterior floods (141W LEDs); installed 2 exterior wall packs (59W LEDs); and changed out lamps and ballasts in 80 fixtures throughout the offices. The control package installed in the production area established four separate zones, enabling optimal energy efficiency. For night and weekend production runs, CCC is now able to shut off lights in the areas not being used. The controls also feature a dimming option for each zone.