

MaxLite HighMax High Bay Fixtures Illuminate Beach Mold and Tool Manufacturing Plant



"We needed to install the finest energy efficient lighting available during the retrofit project of our manufacturing facilities. MaxLite's high quality lighting ensures efficient production and operations, as well as safety and security, in our plant. MaxLite did a great job of supplying outstanding lighting fixtures that are energy efficient and deliver robust lighting in the areas that we need it the most."

-- Roger Rickers, Maintenance Manager at Beach Mold and Tool

The Challenges

The Beach Mold and Tool manufacturing plant in New Albany, Indiana needed optimal task lighting in their 24/7 facility. The facility was looking to retrofit the existing bright metal halide lights, which are challenging to perform under in the tedious factory work done on the premises, with more visually comfortable illumination that is easier on employees' eyes.

The Solution

Used to illuminate a variety of departments within the factory, including contract manufacturing and assembly, decorative printing, injection molding, inspection and quality assurance, tool design and building, 200 of MaxLite's 200-watt HighMax® high wattage compact fluorescent lamps were installed to replace 200 existing 400-watt metal halide bulbs. The facility installed 100 six-lamp T8 Fluorescent HighBay Fixtures, mounted quickly and easily with the use of hooks and chains, that use a high efficiency universal voltage ballast. Also, more than 300 fixtures composed of two 8-foot high output fluorescent lamps with four 4-foot MaxLite XL Super T8 32-watt Fluorescent Linear lamps. The CFL lamps and fixtures offer optimal task lighting and have raised the level of safety and security in the manufacturing facility.

The Benefits

Constructed of high-heat fluorescent U-bend tubes that are optimized for strength and longevity, MaxLite's easy-to-install HighMax lamps save on installation costs and time, and offer a nearly 60 percent reduction in energy consumption over the 10,000 hour lifetime of the bulb, which can generate a return on investment (ROI) in about five months. Crafted of 20-gauge galvanized steel, the T8 Fluorescent HighBay Fixtures produce a more visually comfortable illumination because they offer a softer, more diffused lighting and render color at levels closer to natural light. With a long life of 24,000 hours, MaxLite's energy efficient T8 lamps increased the foot candles by 25 percent and cut energy consumption by 50 percent, while delivering a high lumen output for strong illumination and an excellent CRI of 85.

MaxLite

Inheriting global manufacturing and marketing expertise that dates back to 1955, MaxLite was one of the first movers into LED technology in the industry. Committed to energy efficiency as an ENERGY STAR® Partner of the Year in 2009, MaxLite established the MaxLED® brand, an extensive line of indoor and outdoor lighting fixtures featuring innovative LED luminaires and lamps using the latest state-of-the-art LED technology, ranging from the award-winning Flat Panel collection, to the best-selling outdoor lineup, Plug-and-Play light bars and lamps.

