

LED Jobsite Report - Tsawwassen Mills

Tsawwassen Mills is a 1.2 million square feet premium outlet shopping destination just outside of Vancouver, Canada. Home to dozens of well-known name brand stores, it is a hub of commerce for the area.

Ledcor Group was the general contractor for this project, which started in January of 2014. The project had many challenges at the start as it was located outside of electrical and sewer service areas.

Ledcor chose to pursue the LED Jobsite from Lind Equipment for this project to reduce the electricity usage and maintenance associated with bulb-based metal halide temporary high-bays lights. Especially at the beginning of the project, when the site was powered by generators, the LED Jobsite was looked to as a great way to reduce electrical consumption and costs. Additionally, since the electrical supply was subject to disruptions, the instant start and re-start capability of the LED Jobsite lights allowed the workers to continue their work with limited down-time.

On the project, over 255 of the 120W Beacon360s were deployed instead of 400W metal halide high bays. Ledcor used the Beacon360 magnet mount configuration to attach the Beacon360s to the structural steel and provide light to the workers throughout the site.



From the first usage of LED Jobsite lights in November 2014 through to the opening of the project to the public in October 2016, the LED Jobsite generated a huge amount of savings for Ledcor, the client, and the environment.

Savings Summary
Electricity savings of over \$110,000
Replacement bulb savings over \$10,000
Over 1,000,000 kWh of energy was saved (equivalent to powering almost 100 homes for a year)
Over 700 metric tons CO ₂ was avoided (equivalent to taking 149 cars off the road)

