

The logo features a green semi-circle with a yellow square inside, positioned above the word "Lumisave".

LumisaveTM

Industrial LED Technologies Ltd.

A photograph of a forest floor with a large stack of cut logs in the foreground. The background shows a dense forest of tall trees.

**TOLKO SLAVE LAKE CASE
STUDY**



Lumisave, the name you can trust.

Since 2009, Lumisave has been committed to developing a high quality, durable and reliable industrial LED fixture. Using innovative technologies and working closely with certified testing agents, Lumisave has been able to provide better energy savings while also able to provide custom products to meet the ever changing needs of our customers.

Located in beautiful Prince George, BC; Lumisave is proud to be one of Canada's most northern industrial LED fixture manufacturers.

Overview

The Athabasca mill completed in 2006, became the largest continuous OSB press in North America, and the only continuous press in North America that produces OSB and LSL on the same line. This was a major accomplishment for Tolko. After two years of construction, production began in 2008, however, the unprecedented economic downturn forced Tolko to close during commissioning in 2009. Five years later, in 2014, Tolko reopened Athabasca and it is still running strong today, employing 188 workers. In 2017, Athabasca won the Employer of the Year award in Slave Lake, giving us one more reason to be proud of this division.

The Project

Tolko Industries have been a leader in safety and environmental legislation and regulations. Lumisave has worked closely with the Tolko Slave Lake team to help them to optimize safety on their sites by improving lighting levels while cutting down on light pollution and also operating costs. Our lights typically last up to 70% longer than the lights they were using before, and they use less energy as well. Our lighting has helped Tolko to ensure the safety of their employees by providing much better and more even light in dangerous locations.

The Lighting Solution

Lumisave provided various fixture types ranging from our BL550 Series to our FL550 Series. By providing a comprehensive lighting studies for Tolko, Lumisave was able to identify the optimal fixtures to replace the existing H.I.D Lighting with minimal installation changes.

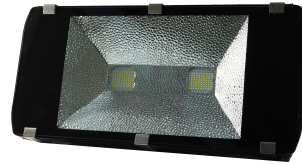
Results

Through the completion of the lighting project Tolko has seen the following benefits:

- Improved safe lighting levels.
 - 70% reduction in energy consumption when comparing - Lumisave's LED solution to traditional H.I.D lighting.
 - 100% reduction in scheduled lighting maintenance, when compared to traditional H.I.D lighting.
 - 100% worker satisfaction and feedback
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The Products



BL550 **Light Industrial Bay Light**

This new LED bay light fixture has been built from the ground up by Lumisave with our customers in mind. Combining customer feedback and suggestions, along with the Lumisave product quality, the goal was to create a fixture which offers a perfect solution for various high bay and low bay lighting needs.

FL390 **Industrial LED**

When a long-life lamp is required, please consider the FL390 series. Customizable options such as lenses, mounting and voltage make our product fit each of our customer's needs. The FL390 is one of the toughest products in our lineup. Fully customizable to meet all applications.

FL550 **High-powered Flood Light**

The FL550 Series Flood Light is the perfect solution for high mounting applications. With high performance LED's along with high-quality construction, this fixture performs efficiently and reliably within any environment it is utilized within.

Wattage	215W	150W	240W / 480W
Lumens	27,000 LM	16,972 LM	65,000 LM
Voltage	120-277V or 347-480V	120-277V or 347-480V	120-277V or 347-480V
Hazardous Rated	N/A	✓	
IP Rating	Wet Location - IP66	Wet Location - IP65	Wet Location - IP65
UL/ETL Rated	✓	✓	✓
Warranty	5 Year	5 Year	5 Year
Temperature Rating	-40°C to 40°C	-40°C to 40°C	-40°C to 50°C

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