# TRUSTED, TESTED & PROVEN
INDUSTRIAL STRENGTH

Lumisave™

ABOUT

Lumisave is a leading provider of high performance LED lighting solutions for commercial and industrial applications. Our rugged LED fixtures are specifically designed and engineered to withstand the harshest industrial environments and hazardous locations. With a broad array of research, development, test and production capabilities and facilities, our experienced team is dedicated to providing industry leading services and products. Established in 2009 Lumisave has grown to become a trusted name within a variety of industries having completed various major projects within the mining, forestry and oil gas fields. Lumisave continues to be a leader in lighting. Lumisave is proud to be known as a company that is focused on technical solutions. By working closely with each customer Lumisave is able to understand the needs and develop lighting solutions that save energy, reduce costs, improve safety and upgrade light quality.

Lumisave Customers Across North America
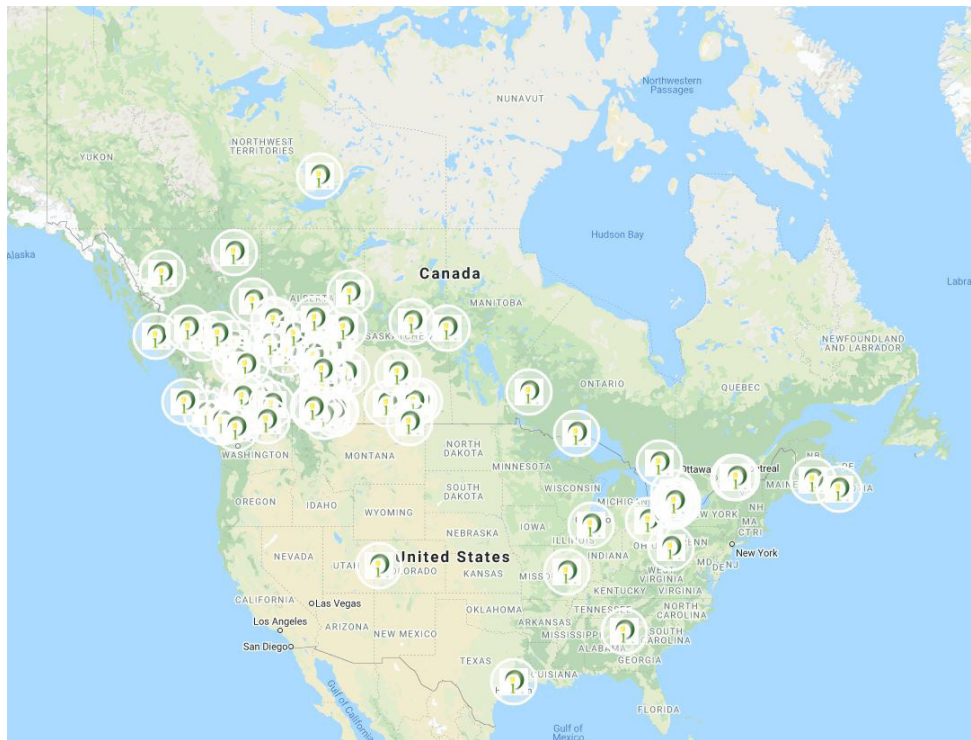
The Lumisave Advantage

- Assembled and Inspected for Quality in Canada!
- Available in AC voltages from 110V to 480V
- Rated 150 Lumens/Watt Output on our Samsung Chips
- 80,000+ Hours LED lifespan
- Hazardous Location Certified for Class I Div 2/Zone 2, Class II Div 2 & Class III Div 2
- 5 year replacement warranty
- Ability to customize each order based on each customer's specific needs
- Rugged, weather proof design ready to tackle the harshest climates.

We are committed to quality and reliability of our product Using innovative technologies and working closely with certified testing agents, we are able to continue to provide better energy saving and higher quality products to the customer. Lumisave has also been able to provide custom products for our customers with unique applications because we have the ability to design and fabricate new products in our manufacturing facility.

COMMITMENT

At Lumisave our commitment to sustainability and the environment, comes second only to our commitment to provide high quality, durable LED lighting products which are designed, tested and manufactured in Canada to meet North American Standards.

We pride ourselves on product quality and sustainability, by building a more durable product, ensuring less replacement fixtures, there is less need for rare earth materials which helps to ease the global demand.

All of our products are proudly manufactured in Canada because we believe in supporting the communities that support us. Not only is our durable product a great fit for heavy industrial applications in sectors such as mining, forestry, and oil and gas but our dedicated sales team will ensure the right fit for all of your LED lighting needs.

WHATS IMPORTANT TO US

Vision

With a focus of continually improving our product and service quality, Lumisave will to continue to grow and become a leader in the LED lighting industry. We understand the value in being able to adapt quickly in the ever-changing market conditions to provide our customers with quality and functional products.

Quality

Each fixture is assembled by hand and inspected for quality by our in-house lighting technicians ensuring consistent product quality.

Service

Lumisave takes pride in providing unmatched service support for all of our customers, offering lighting audits, lighting layouts & custom designs to fit any unique application.

Local Manufacturing

All Lumisave products are assembled at our Prince George, BC location, significantly improving lead times and decreasing any downtime on site.

CUSTOMER TESTIMONIALS

Tolko Industries - Slave Lake

The Athabasca sawmill is the largest continuous OSB press in North America. Lumisave worked closely with Tolko to help them optimize safety on their sites by improving lighting levels while cutting down on light pollution and operating costs. Our lights typically last up to 70% longer than the lights they were using before, and they use less energy as well. 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 HID Lighting with minimal installation changes.

Endako Mine - Fraser Lake, BC

The Endako Mine is a primary, surface molybdenum mine located near Fraser Lake, 100 miles northwest of Prince George, British Columbia. The Endako Mine is a fully integrated facility that began operations in 1965. It includes a concentrator that processes ore through crushing, grinding, and flotation circuits into molybdenum disulfide concentrate, and a multiple-hearth roasting facility that converts the concentrate into technical grade molybdenum oxide. Endako Mines has been able to comply with all applicable environmental legislation and regulations. Our lights have helped them to cut down on light pollution and also operating costs. Our lights typically last from 50-60% longer than the lights they were using before, and they use less energy as well. Our lighting has helped Endako Mines to ensure the safety of their employees by providing much better and more even light in dangerous locations.
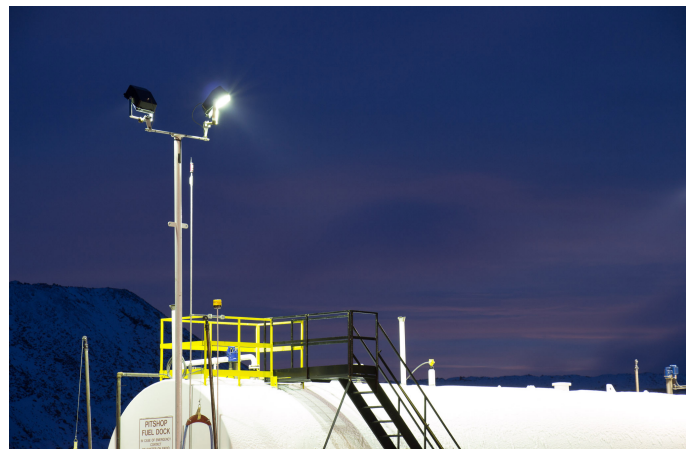
Cenovus - Christina Lake

Cenovus Energy Inc. is a large scale integrated energy company. As the Christina Lake project continued to grow, it's no surprise that an industry leader in the energy field started looking for options to optimize their lighting on site. The Lighting Project for Christina Lake Phase 1F was designed by ABB in partnership with Lumisave, implementing the use of LED lighting to reduce energy usage and light pollution. By working closely with ABB and Cenovus the lighting types that were in place for previous use were all able to be identified and replaced with a high efficiency LED solutions.

Prince George Curling Club

The Prince George Curling club has 8 sheets of curling ice and has hosted many provincial and national tournaments. In 2015 the club played host to the Canada Winter Games Curling Competition. The Lighting project for the Prince George Curling Club was designed and provided by Lumisave, implementing the use of LED lighting to reduce energy usage and increase lighting quality within the building. The Curling club is an important part of our community and Lumisave wanted to show support for its local businesses. Lumisave installed the BL 520 SERIES Bay Lights. The curling club is very happy with the new lights and they will be a huge help for televised events in the future.

EXPLOSION PROOF LIGHTING - XBL & XFL

Industrial Protection, Industrial Strength

The XBL Series Bay Light or the XFL Series Flood Light is the perfect solution for all explosion proof lighting applications. This fixture provides high output LED's along with high quality construction offering industry leading performance and durability for your hazardous area lighting needs.

Applications

- Oil & Gas Facilities
- Electrical Buildings
- Mining Environments
- Forestry Facilities
- Indoor / Outdoor Applications
- Harsh Conditions

- Processing Facilities
- Manufacturing
- Hazardous Areas
- Marine Environments

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-40°C / +55°C

AT A GLANCE - XBL & XFL

	XBL *EXPLOSION PROOF*	*XFL* *EXPLOSION PROOF*
	The XBL Series Bay Light is the perfect solution for low/medium lighting applications in extreme environments. This fixture provides high output LED's along with high-quality construction offering industry leading performance and durability for your hazardous area lighting needs.	The XFL Series Flood Light is the perfect solution for low/medium lighting applications in extreme environments. This fixture provides high output LED's along with high-quality construction offering industry leading performance and durability for your hazardous area lighting needs.
Wattage	60W|80W|120W|150W|180W|240W	30W|60W|100W|150W|200W|220W
Lumens	33,600 LM	30,800 LM
Voltage	120-277V or 347-480V	
Hazardous Ratings	CLASS I, DIV. I, GROUPS C,D / DIV. 2 GROUPS A,B,C,D - T4 CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T4 CLASS III - T4	
Colour Temperature	4000K / 5000K / 5700K	
IP Rating	Wet Location - IP66	
Weight	17.9KG	17.9KG
Dimensions	406mm x 340mm	400mm x 287mm x 254mm
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 60°C	-40°C to 55°C

HAZARDOUS LIGHTING - HFL HBL LNL BL420

Hazardous Location lighting fixture series are key flagships from Lumisave. Specializing in heavy industrial lighting for harsh environments, these hazardous location rated series of fixtures offers added high-specification lighting options for various hazardous area applications.
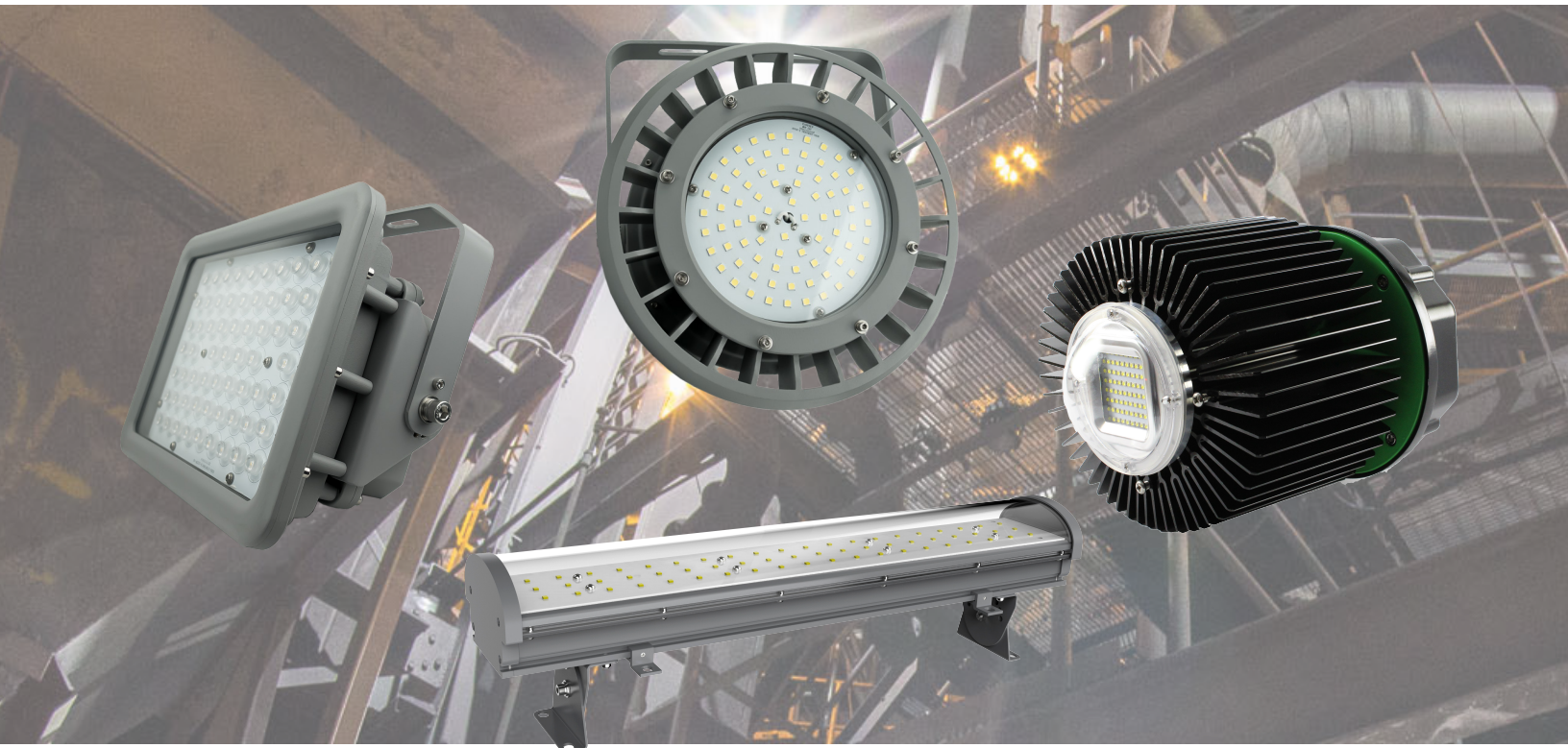
Applications

- Oil and gas processing facilities
- Mobile drilling rigs and service equipment
- Offshore oil platforms
- Petroleum refineries
- Chemical plants

- Saw mills and other wood-processing facilities
- Grain processing and storage terminals
- Food processing plants
- Manufacturing facilities
- Mining Operations

IP66

ETL LISTED US
Intertek

-40°C / +40°C
-40°C / +50°C

AT A GLANCE - HFL & HBL

HFL
HAZARDOUS FLOOD LIGHT

The HFL Series Flood Light is the perfect solution for flood lighting applications in demanding environments. This fixture provides high output LED's along with high-quality construction offering industry leading performance and durability for your hazardous area lighting needs.

HBL
HAZARDOUS BAY LIGHT

The HBL Series Bay Light is the perfect solution for low/high bay lighting applications in demanding environments. This fixture provides high output LED's along with high-quality construction offering industry leading performance and durability for your hazardous area lighting needs.

	HFL	HBL
Wattage	30W|60W|80W|100W|150W|200W	30W|60W|80W|150W|200W
Lumens	28,000 LM	28,000 LM
Voltage	120-277V or 347-480V	
Hazardous Ratings	CLASS I, DIV. 2 GROUPS A,B,C,D - T3 CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T3, CLASS III - T3	CLASS I, DIV. 2 GROUPS A,B,C,D - T3 CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T3, CLASS III - T3
Colour Temperature	4000K / 5000K / 5700K	
IP Rating	Wet Location - IP66	
Weight	4.2-8.3KG	3.5-8.2KG
Dimensions	265mm-381mm x 203mm-238mm	234mm-370mm (Diameter)
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 40°C	-40°C to 50°C

LNL
HAZARDOUS LINEAR LIGHT

NEW

The LNL Series Linear Light is the perfect solution for low mounted lighting applications requiring low clearance. This fixture provides high output LED's along with high-quality construction offering industry leading performance and durability for your hazardous area lighting needs.
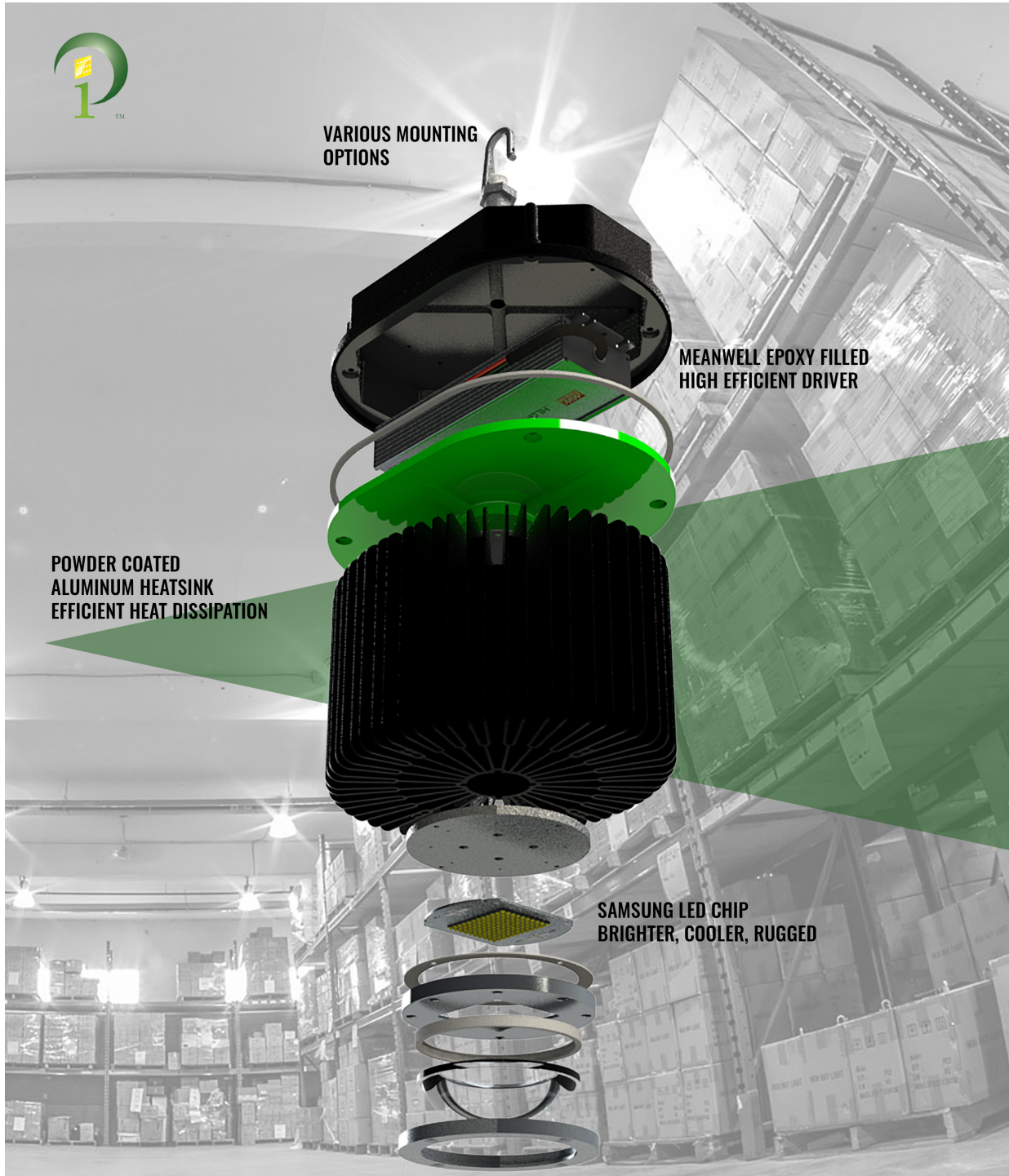
BL420
HAZARDOUS BAY LIGHT

High powered LED's offering superior brightness allow the BL420 Series Industrial bay light to excel in a variety of lighting applications. Built with high quality components, offering Lumisave's trusted Industrial strength, along with various accessories allow this fixture to shine in any application.

	LNL	BL420
Wattage	30W|40W|50W|60W|65W|75W	30W|60W|80W
Lumens	10,500 LM	9,525 LM
Voltage	120-277V or 347-480V	
Hazardous Ratings	CLASS I, DIV. 2 GROUPS A,B,C,D - T6 CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T6, CLASS III - T6	CLASS I, DIV 2-T3C, CLASS I, ZONE 2-T3C CLASS II & III, DIV 2-T5
Colour Temperature	3000K-6500K (5000K STANDARD)	5000K
IP Rating	Wet Location - IP66	
Weight	4-5.5KG	4.5-6.8KG
Dimensions	2' & 4'	Varies- See Cut Sheet
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 55°C	-40°C to 40°C

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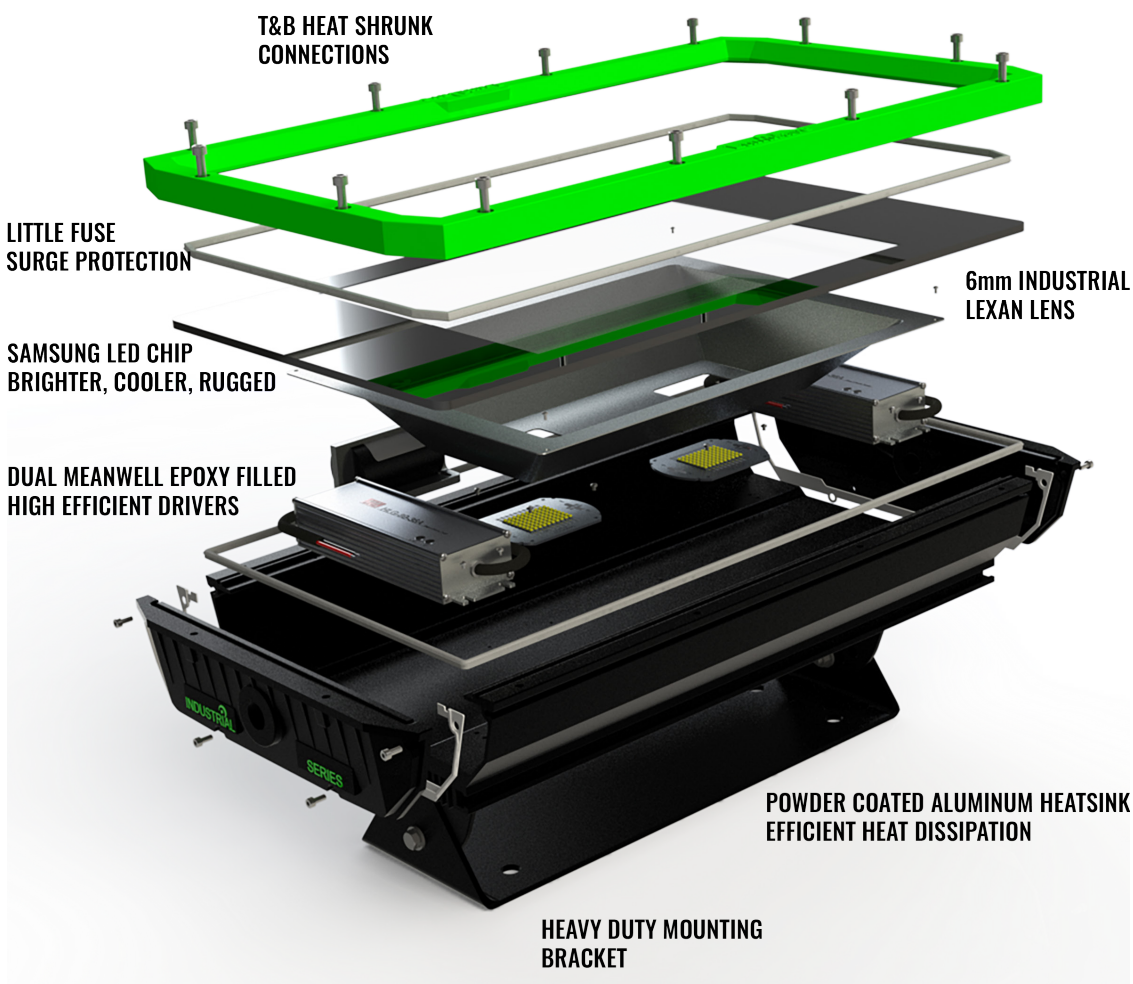
AT A GLANCE – LNL & BL420

With the Lumisave Industrial Bay Light Series you can have complete confidence knowing you've got one of the toughest lighting products on the market. Designed with industrial environments in mind, these fixtures are able to withstand the wear and tear of the everyday use on industrial sites large or small.

VARIOUS MOUNTING OPTIONS

MEANWELL EPOXY FILLED HIGH EFFICIENT DRIVER

POWDER COATED ALUMINUM HEATSINK EFFICIENT HEAT DISSIPATION

SAMSUNG LED CHIP BRIGHTER, COOLER, RUGGED

HEAVY INDUSTRIAL SERIES - FL395 & FL375

Industrial Protection, Industrial Strength

The Heavy Industrial LED fixture series, designed from the ground up by Lumisave, are built to stand up to extreme conditions often seen in the coal and many other heavy industrial industries. The goal was to create a series of fixtures which offer more protection and are able to withstand the toughest conditions.

T&B HEAT SHRUNK CONNECTIONS

LITTLE FUSE SURGE PROTECTION

6mm INDUSTRIAL LEXAN LENS

SAMSUNG LED CHIP BRIGHTER, COOLER, RUGGED

DUAL MEANWELL EPOXY FILLED HIGH EFFICIENT DRIVERS

POWDER COATED ALUMINUM HEATSINK EFFICIENT HEAT DISSIPATION

HEAVY DUTY MOUNTING BRACKET

Applications

- Oil and Gas processing facilities
- Mobile drilling rigs and service equipment
- Offshore oil platforms
- Chemical plants
- Saw mill and other wood-processing facilities

- Food processing plants
- Manufacturing facilities
- Mining Operations
- Yard Lighting
- Pole Mount Applications

1-855-563-7284

AT A GLANCE – FL395 & FL375

FL395
FLOOD LIGHT

Made to withstand extreme conditions, the FL395 Heavy Industrial LED Flood Light provides 22,500 lumens of light. This exclusive flood light has been built from the ground up with the harshest of environments kept in mind, so this flood light is able to handle anything you throw its way.

FL375
FLOOD LIGHT
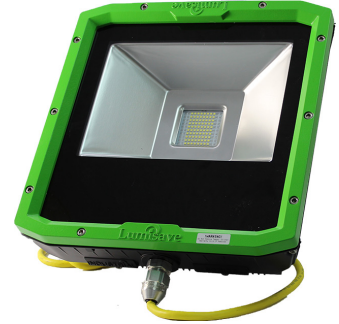
The FL375 is an extremely durable single-chip Industrial LED light suitable for the harshest consumer locations. Our Heavy Industrial series LED lights are exclusive to Lumisave and are designed, assembled, and tested in Canada. The FL375 is one of the toughest products in our line up.

	FL395	FL375
Wattage	150W	80W
Lumens	16,972 LM (Delivered)	8,183 LM (Delivered)
Voltage	120-277V or 347-480V	
Hazardous Ratings	CLASS I, DIV. II, GROUPS A,B,C,D - T3C CLASS II & III, DIV. II - T5	
Colour Temperature	5000K	
IP Rating	Wet Location - IP66	
Weight	17KG	9.5KG
Dimensions	603mm x 343mm x 231mm	343mm x 354mm x 289mm
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 40°C	-40°C to 40°C

INDUSTRIAL FLOODLIGHTING

FLE | FL550 | FL650

The Heavy Industrial LED fixture series, designed from the ground up by Lumisave, are built to stand up to extreme conditions often seen in the coal and many other heavy industrial industries. The goal was to create a series of fixtures which offer more protection and are able to withstand the toughest conditions.

Applications

- Warehouse Applications
- Low, Medium and High Mounting
- Area Lighting
- Saw mill and other wood-processing facilities
- Perimeter Lighting

- Manufacturing facilities
- Mining Operations
- Yard Lighting
- Pole Mount Applications

1-855-563-7284

AT A GLANCE - FLE | FL550 | FL650

FLE
FLOOD LIGHT

The FLE Series is best suited for flood light applications. Utilizing high-performance LED's and visually aesthetic construction, this fixture is a great solution for replacing any older style HID floods. Available is various wattages and mounting options, there is no shortage of applications this fixture is fit for.
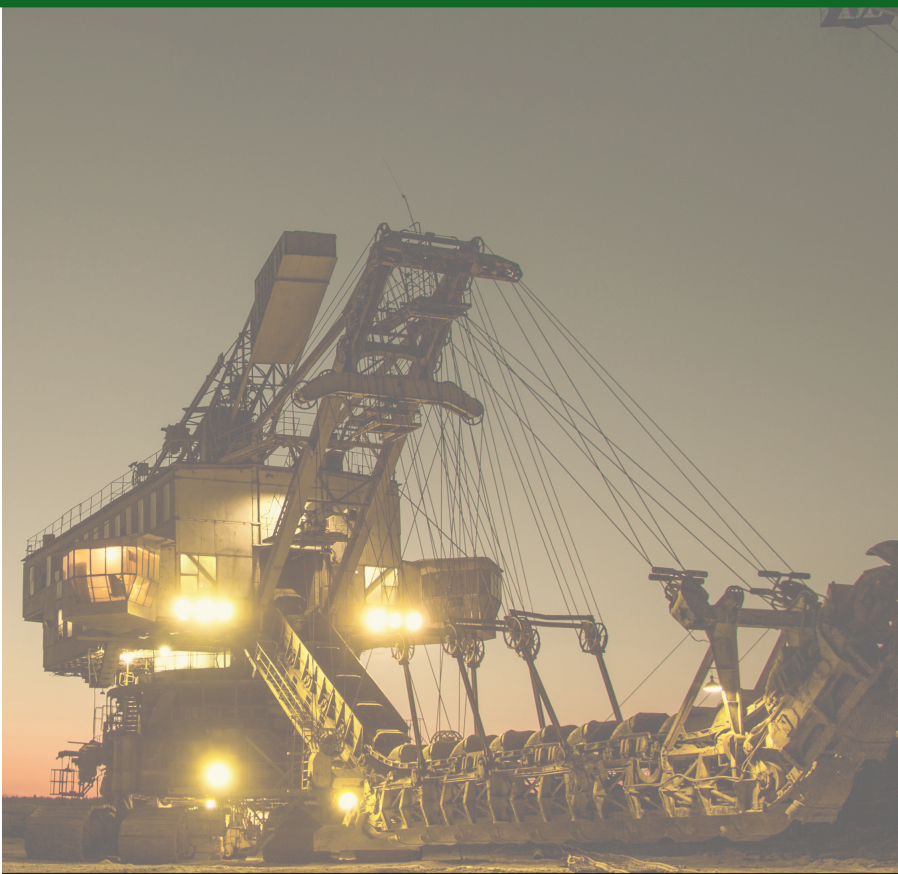
FL550
FLOOD LIGHT

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.

	FLE	FL550
Wattage	30W|50W|80W|100W|150W|200W	240W|360W|480W|720W|960W
Max Lumens	27,000 LM	124,800 LM
Voltage	18-32VDC |120-277V or 347-480V	120-277V or 347-480V
Hazardous Ratings	GENERAL LOCATION ONLY	
Colour Temperature	3000-5700K (5000K STANDARD)	3000-6500K (5000K STANDARD)
IP Rating	Wet Location - IP65	
Weight	1.4-9.5KG	12.3-20.3KG
Dimensions	384mm x 274mm x 114mm (200W)	580mm x 394mm x 201mm (480W)
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 40°C	-40°C to 40°C

INDUSTRIAL FLOODLIGHTING

FL650
INDUSTRIAL FLOOD

NEW

The FL650 Series Flood Light is the perfect solution for Industrial DC & AC Voltage 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	200W
Lumens	26,000 LM
Voltage	18-32VDC | 120-277V or 347-480V
Hazardous Ratings	GENERAL LOCATION
Colour Temperature	3000K-5700K (5000K STANDARD)
IP Rating	Wet Location - IP66
Weight	12.6KG
Dimensions	402mm x 261mm x 286mm
Warranty	5 Year
Temperature Rating	-40°C to 40°C

1-855-563-7284

AT A GLANCE - FL550 FEATURES

The FL550 Series Area Light was designed with adaptability in mind, with various mounting options available this fixture can be utilized as a Flood light along with a highbay light utlizing suspended or surface mounted options to retrofit high wattage H.I.D lighting.

Built with heavy industrial applications in mind, the FL550 fixture offers a wide range of high powered lighting for various site applications.
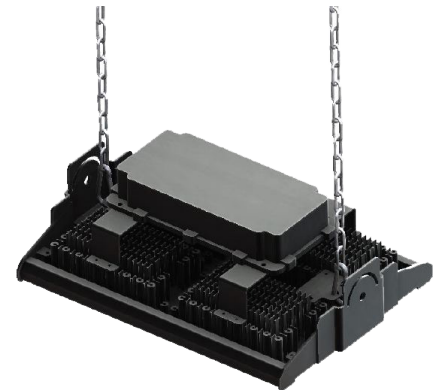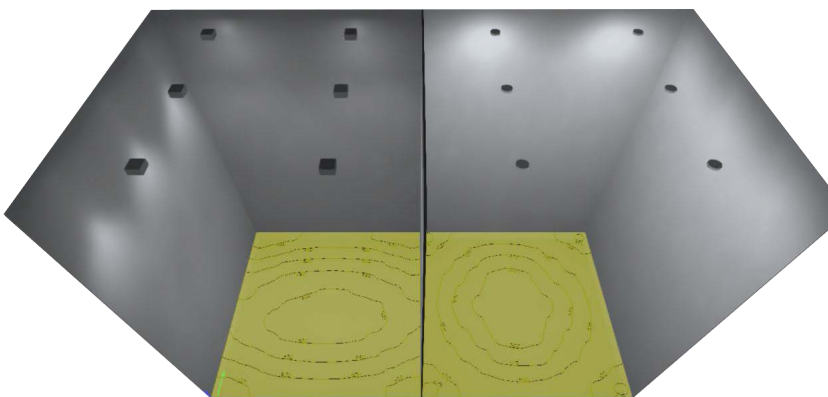
ONE FIXTURE, MANY OPTIONS

STANDARD BRACKET
SURFACE MOUNTED APPLICATIONS

SLIP FITTER MOUNTED
POLE MOUNTED APPLICATIONS

CHAIN MOUNTED
CEILING MOUNTED APPLICATIONS

With versatile mounting options available the FL550 Series provides a highbay solution, easily replacing existing H.I.D Highbay lighting infrastructure.

An all in one solution for all of your industrial lighting needs.

FL550-480W Vs. 1000W H.I.D HIGH BAY LIGHTING

INDUSTRIAL BAY LIGHTS

BL420 | BL450 | BL550 | BL720

The Heavy Industrial LED fixture series, designed from the ground up by Lumisave, are built to stand up to extreme conditions often seen in the coal and many other heavy industrial industries. The goal was to create a series of fixtures which offer more protection and are able to withstand the toughest conditions.

Applications

- Warehouse Applications
- Low, Medium and High Mounting
- Area Lighting
- Saw mill and other wood-processing facilities
- Perimeter Lighting

- Manufacturing facilities
- Mining Operations
- Yard Lighting
- Pole Mount Applications

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AT A GLANCE – BL420 | BL450 | BL550 | BL720

BL420
INDUSTRIAL BAY LIGHT

High powered LED's offering superior brightness allow the BL420 Series industrial bay light to excel in a variety of lighting applications. Built with high quality components, offering Lumisave's trusted Industrial strength, along with various accessories allow this fixture to shine in any application.

BL450
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.

	BL420	BL450
Wattage	30W|60W|80W	80W|100W|150W|200W|240W
Max Lumens	9,525 LM	33,600 LM
Voltage	120-277V or 347-480V	
Hazardous Ratings	GENERAL LOCATION ONLY	
Colour Temperature	5000K	3000-5700K (5000K STANDARD)
IP Rating	Wet Location - IP66	Wet Location - IP65
Weight	4.5-6.8KG	3-5.5KG
Dimensions	280mm x 299mm (80W)	380mm x 233mm (200W)
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 40°C	-40°C to 40°C

INDUSTRIAL BAY LIGHTS

BL550
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.

BL720
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 lighting needs. Designed with our Industrial background in mind, the BL720 Series can handle the harsh conditions of various industries.

	BL550	BL720
Wattage	215W	300W|400W|500W
Lumens	27,008 LM	67,500 LM
Voltage	120-277V or 347-480V	
Hazardous Ratings	GENERAL LOCATION ONLY	
Colour Temperature	5700K	3000K-6500K (5000K STANDARD)
IP Rating	Wet Location - IP66	
Weight	4-5.5KG	4.5-6.8KG
Dimensions	400mm x 450mm	380mm x 262mm
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 55°C	-40°C to 40°C

1-855-563-7284

UNIVERSAL MOUNTING SYSTEM (UMS)

INDUSTRIAL LINEAR LIGHTS

VPL | LBL

The Heavy Industrial LED fixture series, designed from the ground up by Lumisave, are built to stand up to extreme conditions often seen in the coal and many other heavy industrial industries. The goal was to create a series of fixtures which offer more protection and are able to withstand the toughest conditions.
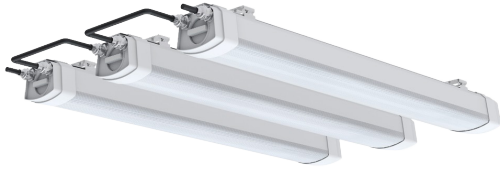

Applications

- Recreational Facilities
- Commercial Stores
- General Lighting
- Processing Facilities
- Manufacturing
- Storage

- Wet Locations
- Low/Medium Mounting
- High Mounting
- Warehousing
- Area Lighting
- Surface | Suspended | Wall Mounting

1-855-563-7284

AT A GLANCE – VPL | LBL

	VPL *VAPOURTITE LINEAR*	*LBL* *INDUSTRIAL LINEAR LIGHT*
	The VPL series is suited for various low and medium mounted lighting applications, including wet atmospheres. This fixture is equipped with high-performance LED's along with high quality construction offering industry leading performance and durability for your lighting needs.	The LBL series is suited for low medium and high mounted bay lighting applications. This fixture is equipped with high-performance LED's along with high quality construction offering industry leading performance and durability for your lighting needs.
Wattage	30W|40W|60W|80W	50W|100W|150W|200W
Max Lumens	9,200 LM	26,000 LM
Voltage	120-277V	120-277V or 347-480V
Hazardous Ratings	GENERAL LOCATION ONLY	
Colour Temperature	3000-5700K (5000K STANDARD)	
IP Rating	Wet Location - IP65	
Weight	1.55-2.74KG	2.37-7.55KG
Dimensions	3' | 4' | 5'	341mm - 1215mm x 135mm x 85mm
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 40°C	-40°C to 40°C

INDUSTRIAL AREA LIGHTS

WPL | SL660 | TWL | VMM

The Heavy Industrial LED fixture series, designed from the ground up by Lumisave, are built to stand up to extreme conditions often seen in the coal and many other heavy industrial industries. The goal was to create a series of fixtures which offer more protection and are able to withstand the toughest conditions.

Applications

- Recreational Facilities
- Commercial Stores
- General Lighting
- Processing Facilities
- Manufacturing
- Storage

- Wet Locations
- Low/Medium Mounting
- High Mounting
- Exterior Applications
- Area Lighting
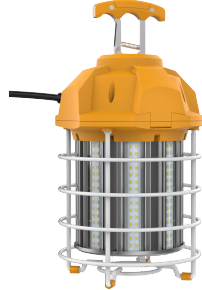- Parking Lots

1-855-563-7284

AT A GLANCE – WPL | SL660

|	*WPL* *WALL PACK LIGHT*	*SL660* *AREA LIGHT*
	The WPL Series is best suited for out-door low to medium mounting wall pack lighting applications. Utilizing high-per-formance LED's and visually aesthetic construction, this fixture is a great solution for replacing any older style HID wall lights.	The SL660 series Area Light is suited for various outdoor high mounted area lighting applications. This fixture is equipped with high-performance LED's along with high quality construction offering industry leading performance and durability for your outdoor area lighting needs.
Wattage	30W|50W|80W|100W	100W|150W|200W|400W
Max Lumens	12,000 LM	60,000 LM
Voltage	120-277V or 347-480V	
Hazardous Ratings	GENERAL LOCATION ONLY	
Colour Temperature	3000-5700K (5000K STANDARD)	
IP Rating	Wet Location - IP65	
Weight	1.4 - 3.7KG	7.4-17.8KG
Dimensions	320mm x 225mm x 127mm (100W)	648mm x 482mm x 144mm (400W)
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 40°C	-40°C to 40°C

INDUSTRIAL AREA LIGHTS

TWL
TEMPORARY AREA LIGHT

NEW

When it comes to lighting a large area, this product is the ideal solution for highly industrial environments, mine-haul road intersections, road works, construction sites, events and general industrial and maintenance areas.

VMM
INDUSTRIAL AREA LIGHT

NEW
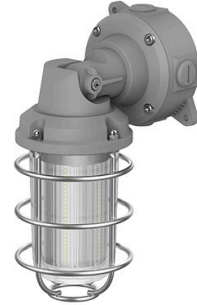
This new LED area light fixture excels in industrial areas where space is limited. The fixture design allows for surface mounting on ceilings or by rotating the adjustable arm it is able to be wall mounted for various applications. Build with functionality and performance in mind the VMM series may be a perfect fit for your next project.

	TWL	VMM
Wattage	60W | 100W | 150W	20W | 30W
Lumens	15,000 LM	3000 LM
Voltage	120-277VAC	
Hazardous Ratings	GENERAL LOCATION ONLY	
Colour Temperature	3000-5000K (5000K STANDARD)	3000K-5700K (5000K STANDARD)
IP Rating	Wet Location - IP65	Wet Location - IP65
Weight	2.5-3KG	1.2KG
Dimensions	130mm x 308mm	305mm x 145mm
Warranty	5 Year	5 Year
Temperature Rating	-40°C to 60°C	-40°C to 45°C

1-855-563-7284

LED ROADWAY LIGHTING

RSL SERIES

The RSL Series Roadway Light is the perfect solution for street lighting applications in various environments. This fixture provides high output LED's along with high-quality construction offering industry leading performance and durability for your roadway lighting requirements.

Tool-less Design
Integrated housing clips allow for fixture access without the need for tools.

Housing Material
Housing comprised of high-quality ADC12 Die Casting aluminum. Heavy industrial powder coating allows for use in harsh environments

Self-Clean
Smooth body design greatly reduces dust / debris accumulation.
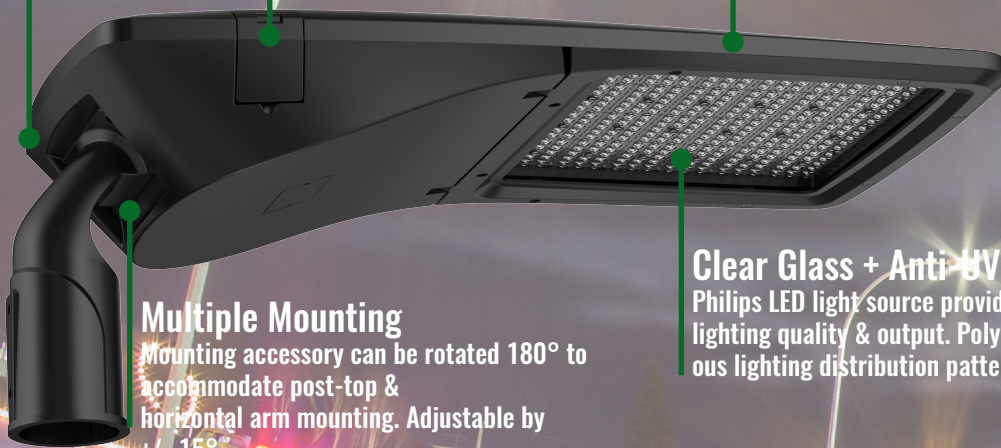
Multiple Mounting
Mounting accessory can be rotated 180° to accommodate post-top & horizontal arm mounting. Adjustable by +/- 15°

Clear Glass + Anti-UV PC Lens
Philips LED light source provides industry leading LED lighting quality & output. Polycarbonate Lens offers various lighting distribution patterns

1-855-563-7284

AT A GLANCE – RSL ROADWAY LIGHTING

RSL
ROADWAY LIGHT

NEW

Developed in accordance with Ministry of Transportation Standards, the RSL Series Roadway Light is a high quality LED lighting solution for roadway applications. Featuring various engineered design features, the RSL functionality and performance represents Lumisaves core values.

Wattage	30W/60W/80W/100W/120W/150W/180W/200W
Max Lumens	28,000 LM
Voltage	120-277V or 347-480V
Hazardous Ratings	GENERAL LOCATION ONLY
Colour Temperature	3000-6500K (5000K STANDARD)
IP Rating	Wet Location - IP66
Weight	6.45-9.58KG
Dimensions	Varies - See Cut Sheet
Warranty	5 Year
Temperature Rating	-40°C to 50°C

High Quality 20KV SPD

Fast Terminal Connector

Driver

Safety rope

Power-off Protection

Driver Cool Heatsink

IP66
Tooling Thickness Waterproof Rubber

Levels

ACCESSORIES

BAYLIGHT ACCESSORIES

HOOK MOUNT
(MH)

PENDANT MOUNT
(MP)

STANCHION MOUNT
(UMS)

WALL MOUNT
(UMS)

RETROFIT
(UAP)

GLASS DOME
(DG)

CLEAR DOME
(DC)

FROSTED DOME
(DF)

WIRE GUARD
(WG)

DEEP REFLECTOR
(RD)

SHALLOW REFLECTOR
(RS)

LEXAN REFLECTOR
(RA)

CUTOFF REFLECTOR
(RC)

HEAVY DUTY BRACKET
(HD)

SHALLOW REFLECTOR
(RS)

SLIPFITTER
(SF)

UNIVERSAL MOUNTING SYSTEM (UMS)

Lumisave has developed a unique Universal Mount suitable for any application or hazardous location. Our heavy duty mount can easily hold our heaviest Bay Light units while providing a chainable wiring connection that can have dry, wet, or hazloc connections. The UMS is intended to replace all existing Wall-Mount and Stanchion-Mount applications currently in place. The 3 section design allows for a straight (0°) or angled (22.5°) mounting by simply turning the center wiring compartment 180° at time of installation. With the addition of a wiring compartment located on the body of the mount, this allows for improved convenience of installation and maintenance. The 5 point ¾" NPT wiring access points on the wall mount base allow for multiple Dry/Wet location wiring types and configurations including Teck Cable, BX cable, EMT and Rigid conduit.
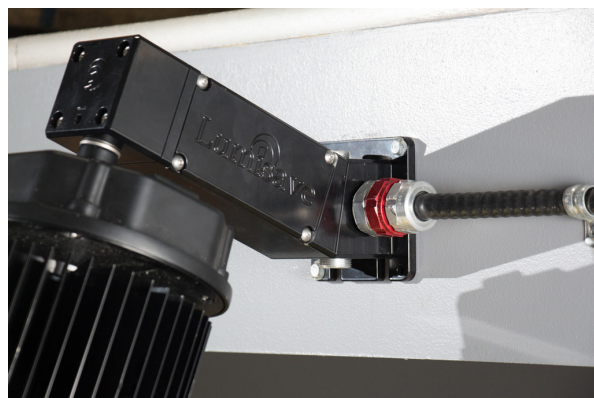
UNIVERSAL ADAPTOR PLATE (UAP)

Lumisave has developed an Adaptor Plate suitable for any retro fit application that replaces old Crouse-Hinds HID fixtures. Our adaptor plate can accommodate the BL Series fixtures while providing quick and easy installation. The UAP is intended to replace all existing VMV and DMV Wall-Mount and Stanchion-Mount applications currently in place. The simple design allows the installer to remove the existing HID fixture while leaving the wiring and mounting base in place and with the adaptor plate installed on the appropriate BL Series fixture simply hang the plate on the existing base, connect the fixture wire to the existing wiring and close up. The UAP allows your next lighting upgrade project to be Quick, Easy and Cost Effective.
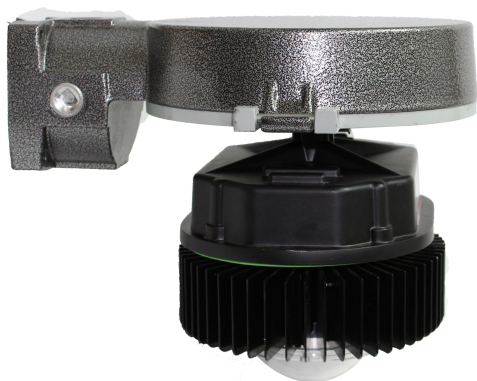
HALO LIGHTING *NEW*

WHO IS HALO LIGHTING?

HALO was developed in the year 2010 as a highly specialized LED strip lighting system which was designed to thrive in the harshest environments on earth and under the earth where all other lighting systems fail; every aspect of the design, component & functionality of HALO was meticulously considered & professionally engineered to realize this premium lighting system without equal in the anywhere in the world.

Originally designed for use in underground mines, HALO can function optimally in high moisture & high ambient temperatures conditions, withstanding rugged handling and continuously on and never switching off; its tested and proven success in this most destructive environment clearly defines it as a market leader in all genres including residential, architectural, commercial, industrial, mining, marine, submarine, military and any other application where lighting may be required.

The HALO 2nd Generation product line launched in the year 2017 deemed the "Constellation Series", is a masterpiece of technology and functionality, boasting massive leaps forward in every aspect which made the 1st Generation so successful, and boldly overcoming the challenges encountered through years of in the field testing at diverse and challenging installations around the world, it is "the evolution of illumination" with massive improvements in every facet including technology, performance, functionality and affordability and quite simply in a class of it's own.

LUMISAVE & HALO

As Lumisave's focus has been within providing industry leading lighting solutions to various heavy industrial industries for both general and hazardous location applications, a synergistic relationship has formed. Lumisave is able to provide it's existing and future customer base with a wide ranging product line focused on the same core principles Lumisave has been founded upon.
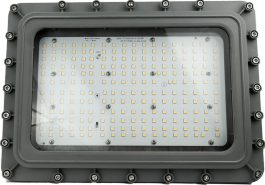
HALO
evolution of illumination

LUMISAVE PRODUCT MATRIX

XBL Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
60W		150W HPS	8,400				
80W		175W-250W HPS	11,200			CLASS I, DIV. I, GROUPS C,D / DIV. 2 GROUPS A,B,C,D - T4	
120W	120VAC - 277VAC	350W HPS	16,800	70	4000K 5000K 5700K	CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T4	IP66
150W	347VAC - 480VAC	400W HPS	21,000			CLASS III - T4	
180W		400W HPS	25,200				
240W		400W-1000W HPS	33,600				

XFL Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CCT	CCT	Classifications	IP Rating
30W		70W HPS	4,200				
60W		150W HPS	8,400			CLASS I, DIV. I, GROUPS C,D / DIV. 2 GROUPS A,B,C,D - T4	
100W	120VAC - 277VAC	250W HPS	16,800	70	4000K 5000K 5700K	CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T4	IP66
150W	347VAC - 480VAC	350W-400W HPS	25,200			CLASS III - T4	
200W		400W-1000W HPS	28,000				
220W		400W-1000W HPS	30,800				

HFL Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications
30W		70W HPS	4,200			
60W		150W HPS	8,400			CLASS I, DIV. 2 GROUPS A,B,C,D - T3
80W	120VAC - 277VAC	175W-250W HPS	11,200	70	4000K 5000K 5700K	CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T3
100W	347VAC - 480VAC	250W HPS	14,000			CLASS III - T3
150W		350W-400W HPS	21,000			
200W		400W-1000W HPS	28,000			

IP66

HBL Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications
30W		70W HPS	4,200			
60W		150W HPS	8,400			CLASS I, DIV. 2 GROUPS A,B,C,D - T3
80W	120VAC - 277VAC	175W-250W HPS	11,200	70	4000K 5000K 5700K	CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T3
150W	347VAC - 480VAC	350W-400W HPS	21,000			CLASS III - T3
200W		400W-1000W HPS	28,000			

IP66

NEW — LNL Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
30W	120VAC - 277VAC 347VAC - 480VAC	50W HPS	4,200	70	3000K 4000K 5000K 6500K	CLASS I, DIV. 2 GROUPS A,B,C,D - T4A/T5/T6 CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T4A/T5/T6 CLASS III - T4A/T5/T6	IP66
40W		70W HPS	5,600				
50W		100W-150W HPS	7,000				
60W		150W HPS	8,400				
65W		150W-250W HPS	9,100				
75W		150W-250W HPS	10,500				

BL420 Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
30W	120VAC - 277VAC 347VAC - 480VAC	70W HPS	3,605	72	5000K	Class I, Division 2, Groups A,B,C,D, Hazardous Locations, Class I, Zone 2, Groups IIA, IIB, IIB Plus Hydrogen, IIC Class II and Class III, Division 2, Groups F and G	IP66
60W		150W HPS	7,035	72			
80W		175W/250W HPS	9,525	72.4			

FL395 Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
150W	120VAC - 277VAC 347VAC - 480VAC	350W/400W HPS	16,972	73	5000K	Class I, Division 2, Groups A,B,C,D, Hazardous Locations, Class I, Zone 2, Groups IIA, IIB, IIB Plus Hydrogen, IIC Class II and Class III, Division 2, Groups F and G	IP66

FL375 Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
80W	120VAC - 277VAC 347VAC - 480VAC	175W/250W HPS	8,183	73	5000K	Class I, Division 2, Groups A,B,C,D, Hazardous Locations, Class I, Zone 2, Groups IIA, IIB, IIB Plus Hydrogen, IIC Class II and Class III, Division 2, Groups F and G	IP66

FLE Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CCT	CCT	Classifications	IP Rating
30W	120VAC - 277VAC 347VAC - 480VAC 18-32VDC	50W HPS	3,900		3000K 4000K 5000K 5700K	General Location Use Only Non-Classified	IP65
50W		150W HPS	6,500				
80W		175W HPS	10,000				
100W		250W HPS	13,000				
150W		350W/400W HPS	20,250				
200W		400W+ HPS	27,000				

LUMISAVE PRODUCT MATRIX

FL550 Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
240W	120VAC - 277VAC 347VAC - 480VAC	400W+ HPS	28,305	70	3000K 4000K 5000K 6500K	General Location Use Only Non-Classified	IP65
360W		750W HPS	42,299				
480W		1000W+ HPS	59,301				
720W		1000W+ HPS	90,898				
960W		1000W+ HPS	121,244				

FL650 Series — NEW

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
200W	18-32VDC 120VAC - 277VAC 347VAC - 480VAC	400W/1000W HPS	26,000	70	3000K 4000K 5000K 5700K	General Location Use Only Non-Classified Intended for Heavy Industrial Use	IP66

BL420 Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
30W	120VAC - 277VAC 347VAC - 480VAC	70W HPS	3,605	72	5000K	General Location Use Only Non-Classified	IP66
60W		150W HPS	7,035	72			
80W		175W/250W HPS	9,525	72.4			

BL450 Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
80W	120VAC - 277VAC 347VAC - 480VAC	175W/250W HPS	11,200	70	3000K 4000K 5000K 5700K	General Location Use Only Non-Classified	IP65
100W		250W HPS	14,000				
150W		250W/400W HPS	21,000				
200W		400W HPS	28,000				
240W		400W+ HPS	33,600				

BL550 Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
215W	120VAC - 277VAC 347VAC - 480VAC	400W HPS	27,008	84	5700K	General Location Only Non-Classified	IP66/ IP6X

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BL720 Series
NEW

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
300W	120VAC - 277VAC 347VAC - 480VAC	250W HPS	40,500	70	3000K 4000K 5000K 5700K	General Location Use Only Non-Classified	IP66
400W		250W/400W HPS	54,000				
500W		400W HPS	67,500				

VPL Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
30W	120VAC - 277VAC	70W HPS	3,450	70	3000K 4000K 5000K 5700K	General Location Use Only Non-Classified	IP65
40W		70W-150W HPS	4,600				
60W		150W HPS	6,900				
80W		250W HPS	9,200				

LBL Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
50W	120VAC - 277VAC 347VAC - 480VAC	150W HPS	6,500	70	3000K 4000K 5000K 5700K	General Location Use Only Non-Classified	IP65
100W		250W HPS	13,000				
150W		350W HPS	19,500				
200W		400W HPS	26,000				

WPL Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
30W	120VAC - 277VAC 347VAC - 480VAC (80W &100W Only)	70W HPS	3,600	70	3000K 4000K 5000K 5700K	General Location Use Only Non-Classified	IP65
50W		150W HPS	6,000				
80W		250W HPS	9,600				
100W		250W-400W HPS	12,000				
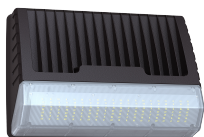
TWL Series
NEW

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
60W	120VAC - 277VAC	150W HID	7,800	70	3000K 4000K 5000K 5700K	General Location Use Only Non-Classified	IP65
100W		200W HID	13,000				
150W		400W HID	19,500				

VMM Series
NEW

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
20W	120VAC - 277VAC	50W-70W HID	2,000	80	3000K 4000K 5000K	General Location Use Only Non-Classified	IP65
30W		70W-100W HID	3,000				

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LUMISAVE PRODUCT MATRIX

SL660 Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
100W	120VAC - 277VAC 347VAC - 480VAC	200W-300W HPS	15,000	70	3000K 4000K 5000K 6500K	General Location Use Only Non-Classified	IP65
150W		300W-400W HPS	22,500				
200W		400W HPS	30,000				
400W		1000W+ HPS	60,000				

NEW RSL Series

Wattage	Input Voltage	HID Equivalent	Lumen Output	CRI	CCT	Classifications	IP Rating
30W	120VAC - 277VAC 347VAC - 480VAC	70W HPS	4,200	70	3000K 4000K 5000K 6500K	CLASS I, DIV. 2 GROUPS A,B,C,D - T4A/T5/T6 CLASS II, DIV. I, GROUPS E,F,G / DIV. 2 GROUPS E,F,G - T4A/T5/T6 CLASS III - T4A/T5/T6	IP66
60W		100W HPS	8,400				
80W		100W-150W HPS	11,200				
100W		200W HPS	14,000				
120W		250W HPS	16,800				
150W		250W-400W HPS	21,000				
180W		250W-400W HPS	25,200				
200W		400W HPS	28,000				

COMMITMENT

At Lumisave our commitment to sustainability and the environment, comes second only to our commitment to provide high quality, durable LED lighting products which are designed, tested and manufactured in Canada to meet North American Standards.

We pride ourselves on product quality and sustainability, by building a more durable product, ensuring less replacement fixtures, there is less need for rare earth materials which helps to ease the global demand.
All of our products are proudly manufactured in Canada because we believe in supporting the communities that support us. Not only is our durable product a great fit for heavy industrial applications in sectors such as mining, forestry, and oil and gas but our dedicated sales team will ensure the right fit for all of your LED lighting needs.

WHATS IMPORTANT TO US

Vision

With a focus of continually improving our product and service quality, Lumisave will to continue to grow and become a leader in the LED lighting industry. We understand the value in being able to adapt quickly in the ever-changing market conditions to provide our customers with quality and functional products.

Quality

Each fixture is assembled by hand and inspected for quality by our in-house lighting technicians ensuring consistent product quality.

Service

Lumisave takes pride in providing unmatched service support for all of our customers, offering lighting audits, lighting layouts & custom designs to fit any unique application.

Local Manufacturing

All Lumisave products are assembled at our Prince George, BC location, significantly improving lead times and decreasing any downtime on site.

MINING APPLICATIONS

Our Commitment to the Mining Industry

Being situated in the industry rich Northern British Columbia region, some of our first products were developed specifically for the harsh mining environments seen in Northern and Western Canada. This industry demands rugged lighting products that are able to withstand some of the most unforgiving environments. By working with various mining partners we have been able to develop patented products exclusive to Lumisave, specifically for what the industry requires. In addition to heavy industrial fixtures, while working with the mining industry over the years we have been able to develop an industry-leading service repair program allowing for the most sustainable solutions for repair and re-use. Unmatched product quality and service has allowed Lumisave to grow to become a trusted name in Industrial Lighting.

Available Special Service Program:

Understanding the harsh working environments of heavy industrial sites, Lumisave, offers a special service program where our qualified lighting technicians, in most cases, can repair your fixture back to a safe, clean and reliable working condition. This would be for such circumstances not other wise covered by our 5 year limited warranty such as cracked housings, broken lenses, and many other possibilities that can result from being located in heavy industrial locations.

We also offer to hold replacement stock at our warehouse to be sent out once we receive any repairs to help minimize any downtime.

Contact us directly.

ENERGY INDUSTRY

Our Commitment to the Energy Industry

Lumisave has become a trusted name in the Oil & Gas Industry through adaptation and engineered solutions. By working closely with engineering firms responsible for lighting design on major Oil & Gas sites, Lumisave has been able to provide lighting solutions that meet and exceed the status quo. Our vast product offering allows us to provide solutions for all aspects of Oil & Gas lighting such as catwalks, temporary work lighting, tank farms, pipe racks etc. Our localized production and industry leading after sales support allow us to address any issues that may be encountered on site, greatly minimizing any downtime for our customers.

We have had the pleasure of working with energy industry leaders including Suncor, Cenovus, Imperial Oil, Gibson Energy & Arc Resources.

FORESTRY APPLICATIONS

Our Commitment to the Forestry Industry

Lumisave offers an extensive range of products and solutions designed specifically to withstand the rigors and hazards of the forestry industry and the great communities that surround them. Proven products that operate safely and reliably in the most hazardous and corrosive environments, coupled with industry leading sales and service support, provide a best-in-class solution for forestry mills, processing plants, high-temperature locations along with all other forestry related applications.

Our localized production and industry leading after sales support allow us to address any issues that may be encountered on site, greatly minimizing any downtime for our customers.

TRANSPORTATION INDUSTRY

Our Commitment to the Transportation Industry

Lumisave offers an extensive range of products and solutions designed specifically to withstand the rigors and hazards of the marine, rail and transportation industries within the various challenging environments of the world.

Proven products that operate safely and reliably in the most hazardous and corrosive environments, coupled with industry leading sales and service support, provide a best in class solution for offshore platforms, rail yards, transportation vessels, ship owners, shipyards, OEMs, and other transportation applications.

Our localized production and industry leading after sales support allow us to address any issues that may be encountered on site, greatly minimizing any downtime for our customers.

ENGINEERING STUDIES & LIGHT AUDITS

Let Lumisave be a part of your story, by providing no obligation energy studies, we work with your team to ensure your lighting needs are being utilized to its full potential.

Lumisave offers its customers detailed cost of ownership studies. These studies outline projected maintenance savings and how Lumisave's energy efficient LED's can provide equal or better lighting at a fraction of your energy spend. Our goal is to provide engineered solutions that will meet or exceed any lighting project's needs.

Site Specific Support:

Our highly skilled team is equipped with the tools and training to provide a thorough analysis of your current lighting system. With this highly detailed evaluation, we are able to engineer a unique solution to best accommodate any specific needs.

At a Glance:

- ROI (Return on Investment) report
- Details the feasibility of your lighting upgrade, highlighting the project cost vs. energy savings.
- Grants / Incentives rebates
- Our team will ensure that any applicable incentives are utilized for further project savings.
- Engineered Solutions Instead of 1-1 replacements of existing lighting, our team ensures optimal lighting levels and placements are accounted for to provide the best solution for your lighting needs.

The Lumisave Difference:

- 3D LED Lighting Layout Design and Rendering Services
- Project Specific Specifications
- Lighting Audits
- Shop Drawings
- ROI (Return On Investment) Reports
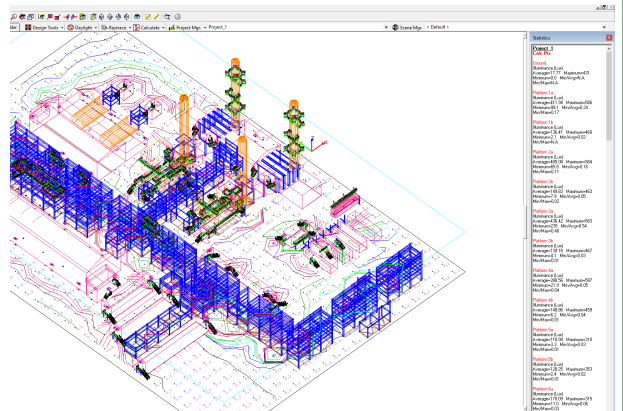- Lighting Design
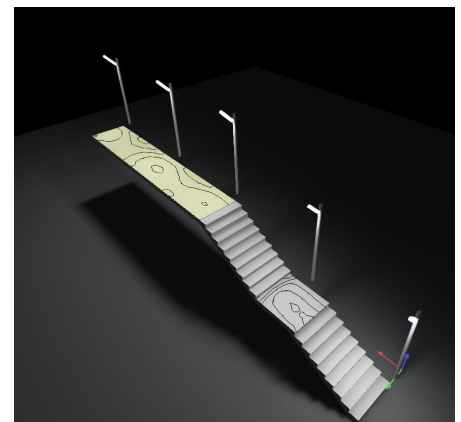
**Typical Walkway Lighting Rendering (Dialux Software)**

Working closely with various EPCs (Engineering, Procurement, Contracting) over the years, Lumisave has provided extensive lighting design assistance for various large scale industrial projects. When provided with the site NavisWorks or SP3D drawings, site specific lighting requirements & lighting target levels, Lumisave can provide detailed 3D lighting design & rendering services to ensure our products performance for any industrial
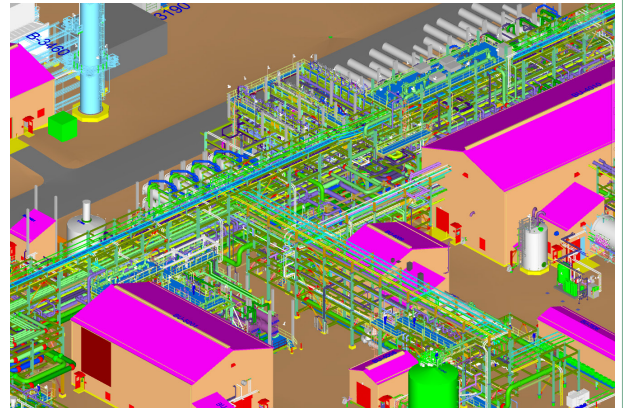

With site specifications (target lighting levels, site drawings) in place, our team will recreate site specific conditions within our lighting design software. With the recreated site in place, lighting placement and design begins to achieve target lighting levels.

With the proposed lighting design in place, Lumisave provides a summary report on the various locations on site with the corresponding lighting levels.
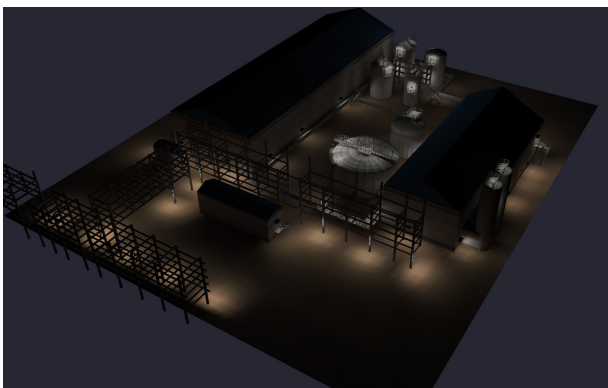
**Typical Site Lighting Design
(AGI32 Software)**
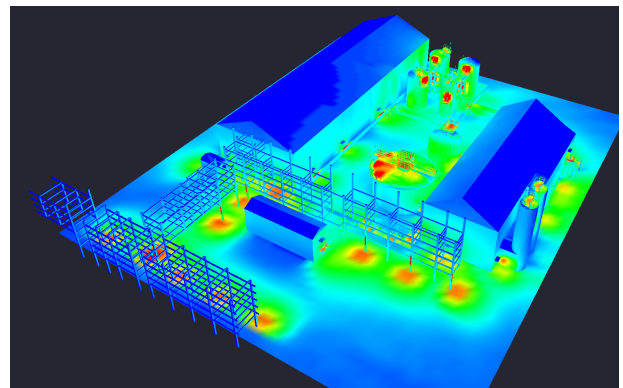
**Typical Site Pseudo Colour
(AGI32 Software)**

WARRANTY

LUMISAVE 5 YEAR WARRANTY

Lumisave Industrial LED Technologies Ltd. ("Lumisave") warrants for the Warranty Period,with the limitations below, to the first user that all Products manufactured by Lumisave, when properly installed and maintained under normal service, are free from defect in material and workmanship. The Products covered by this warranty are products manufactured by Lumisave in Canada that incorporate LED lighting multi chip using Lumisave's Multi Chip TM LED lighting technology and that are manufactured and used for purposes of commercial, industrial, street lighting, parking lot lighting or area lighting.

The Warranty Period begins on the date of manufacture of the Product stamped on the Product and ends five (5) years thereafter. A Defect in the LED will be deemed to exist in a Product if there has been greater than 30% degradation in light output over the Warranty Period.

CERTIFICATIONS

CERTIFICATIONS

Lumisave™

www.**lumisave.com**

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