



# Lumisave™

Industrial LED Technologies Ltd.



# BUILT MINING TOUGH





## ***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.



# *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.

## *What's Important to Us*

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### *Vision*

With a focus of continually improving our product and service quality, Lumisave will 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.

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### *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

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# HAZLINE SERIES - XFL, HFL, XBL, HBL & HLL

## Industrial Protection, Industrial Strength

*The HAZLINE LED fixture series is the latest product installment from Lumisave. Specializing in heavy industrial lighting for harsh environments, the HAZLINE Series of fixtures offers added high-specification lighting options for hazardous areas.*



### ***Applications***

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

**[www.lumisave.com](http://www.lumisave.com)**



# HFL SERIES

## 30W/60W/80W/150W/200W



### HFL HAZARDOUS LOCATION FLOOD LIGHT

**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**



-40°C / +40°C

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.

### Technical Specifications

|                         |                      |                         |  |
|-------------------------|----------------------|-------------------------|--|
| VOLTAGE                 | 120-277V or 347-480V | LED CHIP                | PHILIPS  |
| POWER FACTOR            | ≥95%                 | LED DRIVER              | MEANWELL   |
| LED LUMINOUS EFFICIENCY | 140 (LM/W)           | MAXIMUM INTENSITY ANGLE | ≥120°  |
| MAX LUMEN OUTPUT        | 28,000 LM            | WORK TEMPERATURE        | -40°C to +40°C   |
| COLOUR TEMPERATURE      | 4000-5700K           | WORK HUMIDITY           | 10% to 95% RH  |
| COLOUR RENDERING INDEX  | Ra>70                | CHIP LIFE EXPECTANCY    | 80,000 Hours   |
| LENS                    | Optical Glass        | FIXTURE                 | Aluminum Alloy Housing - Industrial Grade Powder Coating |
| PROTECTION              | IP66                 | WEIGHT                  | 4.2-8.3kg  |
| FREQUENCY               | 50/60Hz              | APPROVED                | ETL Listed, Tested to CSA and UL Standards               |

### Part Number Guide

Example: LS - HFL - 30W - MV - 40 - BS - 12D

LS-HFL -

| WATTAGE | VOLTAGE       | COLOUR TEMP | MOUNTING             | OPTICS                  |
|---------|---------------|-------------|----------------------|-------------------------|
| 30W     | MV - 120-277V | 40 - 4000K  | BS- Standard Bracket | 12D - Standard (120°)   |
| 60W     | HV - 347-480V | 50 - 5000K  | SF- Slip Fitter      | 90D - Wide Lens (90°)   |
| 80W     |               | 57 - 5700K  |                      | 60D - Medium Lens (60°) |
| 150W    |               |             |                      | 40D - Narrow (40°)      |
| 200W    |               |             |                      |                         |

**1-855-563-7284**

**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**



-40°C / +45°C  
-40°C / +55°C

### XFL EXPLOSION PROOF FLOOD LIGHT



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.

### Technical Specifications

|                         |                      |                         |   |
|-------------------------|----------------------|-------------------------|---|
| VOLTAGE                 | 120-277V or 347-480V | LED CHIP                | PHILIPS   |
| POWER FACTOR            | ≥95%                 | LED DRIVER              | MEANWELL  |
| LED LUMINOUS EFFICIENCY | 140( LM/W)           | MAXIMUM INTENSITY ANGLE | ≥120°   |
| MAX LUMEN OUTPUT        | 30,800 LM            | WORK TEMPERATURE        | -40°C to +55°C (30W-150W)<br>-40°C to +45°C (200W-220W)     |
| COLOUR TEMPERATURE      | 4000-5700K           | WORK HUMIDITY           | 10% to 95% RH   |
| COLOUR RENDERING INDEX  | Ra>70                | CHIP LIFE EXPECTANCY    | 80,000 Hours  |
| LENS                    | Optical Glass        | FIXTURE                 | Aluminum Alloy Housing - Industrial Grade<br>Powder Coating |
| PROTECTION              | IP66                 | WEIGHT                  | 17.9kg  |
| FREQUENCY               | 50/60Hz              | APPROVED                | ETL Listed, Tested to CSA and UL Standards                  |

### Part Number Guide Example: LS - XFL - 30W - MV - 40 - BS - 12D

LS-XFL -

| WATTAGE | VOLTAGE       | COLOUR TEMP | MOUNTING             | OPTICS                  |
|---------|---------------|-------------|----------------------|-------------------------|
| 30W     | MV - 120-277V | 40 - 4000K  | BS- Standard Bracket | 12D - Standard (120°)   |
| 60W     | HV - 347-480V | 50 - 5000K  | SF- Slip Fitter      | 90D - Wide Lens (90°)   |
| 100W    |               | 57 - 5700K  |                      | 60D - Medium Lens (60°) |
| 150W    |               |             |                      | 40D - Narrow Lens (40°) |
| 200W    |               |             |                      |                         |
| 220W    |               |             |                      |                         |

# HBL SERIES

## 30W/60W/80W/150W/200W



### HBL HAZARDOUS LOCATION BAY LIGHT

**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**



-40°C / +40°C  
-40°C / +50°C

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.

### Technical Specifications

|                         |                      |                         |  |
|-------------------------|----------------------|-------------------------|--|
| VOLTAGE                 | 120-277V or 347-480V | LED CHIP                | PHILIPS  |
| POWER FACTOR            | ≤95%                 | LED DRIVER              | MEANWELL   |
| LED LUMINOUS EFFICIENCY | 140 (LM/W)           | MAXIMUM INTENSITY ANGLE | ≥120°  |
| MAX LUMEN OUTPUT        | 28,000 LM            | WORK TEMPERATURE        | -40°C to +50°C (30W-80W)<br>-40°C to +40°C (150-200W)    |
| COLOUR TEMPERATURE      | 4000-5700K           | WORK HUMIDITY           | 10% to 95% RH  |
| COLOUR RENDERING INDEX  | Ra>70                | CHIP LIFE EXPECTANCY    | 80,000 Hours   |
| LENS                    | Optical Glass        | FIXTURE                 | Aluminum Alloy Housing - Industrial Grade Powder Coating |
| PROTECTION              | IP66                 | WEIGHT                  | 3.5-8.2kg  |
| FREQUENCY               | 50/60Hz              | APPROVED                | ETL Listed, Tested to CSA and UL Standards               |

### Part Number Guide

Example: LS - HBL- 30W - MV - 40 - BS - 12D

LS-HBL -

| WATTAGE | VOLTAGE       | COLOUR TEMP | MOUNTING             | OPTICS                  |
|---------|---------------|-------------|----------------------|-------------------------|
| 30W     | MV - 120-277V | 40 - 4000K  | BS- Standard Bracket | 12D - Standard (120°)   |
| 60W     | HV - 347-480V | 50 - 5000K  | MP- Pendant Mount    | 90D - Wide Lens (90°)   |
| 80W     |               | 57 - 5700K  | MW- Wall Mount       | 60D - Medium Lens (60°) |
| 150W    |               |             | MS- Stanchion Mount  | 40D - Narrow Lens(40°)  |
| 200W    |               |             |                      |                         |

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**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**



-40°C / +60°C

### XBL EXPLOSION PROOF BAY LIGHT



The XBL Series Bay 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.

### Technical Specifications

|                         |                      |                         |  |
|-------------------------|----------------------|-------------------------|--|
| VOLTAGE                 | 120-277V or 347-480V | LED CHIP                | PHILIPS  |
| POWER FACTOR            | ≥95%                 | LED DRIVER              | MEANWELL   |
| LED LUMINOUS EFFICIENCY | 140( LM/W)           | MAXIMUM INTENSITY ANGLE | ≥120°  |
| MAX LUMEN OUTPUT        | 33,600 LM            | WORK TEMPERATURE        | -40°C / +60°C  |
| COLOUR TEMPERATURE      | 4000-5700K           | WORK HUMIDITY           | 10% to 95% RH  |
| COLOUR RENDERING INDEX  | Ra>70                | CHIP LIFE EXPECTANCY    | 80,000 Hours   |
| LENS                    | Optical Glass        | FIXTURE                 | Aluminum Alloy Housing - Industrial Grade Powder Coating |
| PROTECTION              | IP66                 | WEIGHT                  | 17.9kg   |
| FREQUENCY               | 50/60Hz              | APPROVED                | ETL Listed, Tested to CSA and UL Standards               |

### Part Number Guide Example: LS - XBL - 60W - MV - 40 - BS - 12D

LS-XBL -

| WATTAGE | VOLTAGE       | COLOUR TEMP | MOUNTING             | OPTICS                  |
|---------|---------------|-------------|----------------------|-------------------------|
| 60W     | MV - 120-277V | 40 - 4000K  | BS- Standard Bracket | 12D - Standard (120°)   |
| 80W     | HV - 347-480V | 50 - 5000K  | SF- Slip Fitter      | 90D - Wide Lens (90°)   |
| 120W    |               | 57 - 5700K  |                      | 60D - Medium Lens (60°) |
| 180W    |               |             |                      | 40D - Narrow (40°)      |
| 240W    |               |             |                      |                         |



# HLL SERIES

## 10W/20W/40W/50W/60W



### HLL HAZARDOUS LOCATION LINEAR BAY

**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**



-40°C / +60°C

The HLL 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.

## Technical Specifications

|                         |                        |                         |  |
|-------------------------|------------------------|-------------------------|--|
| VOLTAGE                 | 120-277V or 347-480V   | LED CHIP                | PHILIPS  |
| POWER FACTOR            | ≤95%                   | LED DRIVER              | MEANWELL   |
| LED LUMINOUS EFFICIENCY | 140 (LM/W)             | MAXIMUM INTENSITY ANGLE | ≥120°  |
| MAX LUMEN OUTPUT        | 8,100 LM               | WORK TEMPERATURE        | -40°C to +60°C   |
| COLOUR TEMPERATURE      | 4000-5700K             | WORK HUMIDITY           | 10% to 95% RH  |
| COLOUR RENDERING INDEX  | Ra>70                  | CHIP LIFE EXPECTANCY    | 80,000 Hours   |
| LENS                    | Optical Poly-Carbonate | FIXTURE                 | Aluminum Alloy Housing - Industrial Grade Powder Coating |
| PROTECTION              | IP66                   | WEIGHT                  | 4-5.5kg  |
| FREQUENCY               | 50/60Hz                | APPROVED                | ETL Listed, Tested to CSA and UL Standards               |

## Part Number Guide

Example: LS - HLL - 30W - MV - 40 - BS - 12D

LS-HLL -

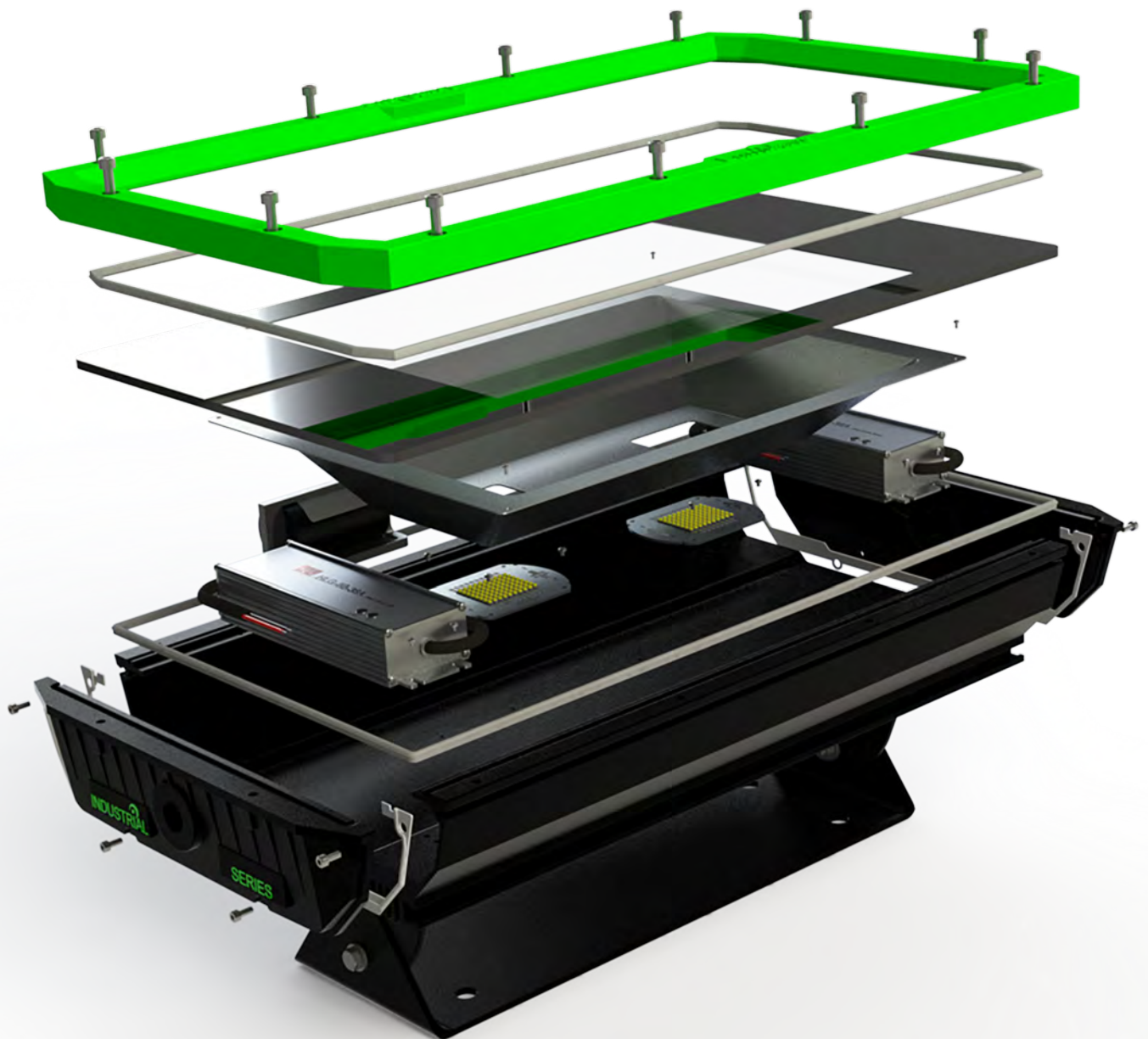
| WATTAGE | LENGTH             | VOLTAGE       | COLOUR TEMP | MOUNTING             | OPTICS                |
|---------|--------------------|---------------|-------------|----------------------|-----------------------|
| 10W     | L2- 2' (10/20W)    | MV - 120-277V | 40 - 4000K  | BS- Standard Bracket | WB - Wide Lens (120°) |
| 20W     | L4- 4' (40/50/60W) | HV - 347-480V | 50 - 5000K  | MP- Pendant Mount    |                       |
| 40W     |                    |               | 57 - 5700K  |                      |                       |
| 50W     |                    |               |             |                      |                       |
| 60W     |                    |               |             |                      |                       |

**1-855-563-7284**

# 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*





# Key Features of the FL395:

- *Built in Surge Protection*
- *Heavy Industrial Lexan Lens - Added durability*
- *Independent Power Supply Design - Providing added functionality*
- *Fully sealed IP65 ratings*
- *Fully Sealed internal connections*
- *Heavy Duty Bracket*
- *Industrial Focused Housing design to maximize performance in hard environments*
- *Industry leading LED performance*
- *High Lumen Output*



# The Details



## FL395

### Heavy Industrial LED

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

### Heavy Industrial LED

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.



## 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            | 150W                 | 80W                  | 240W / 480W          |
| Lumens             | 16,972 LM            | 8,183 LM             | 65,000 LM            |
| Voltage            | 120-277V or 347-480V | 120-277V or 347-480V | 120-277V or 347-480V |
| Hazardous Rated    | ✓                    | ✓                    |                      |
| IP Rating          | Wet Location - IP65  | 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        |
| Customizable       | ✓                    | ✓                    |                      |

**1-855-563-7284**







# The Details



## BL550

### Commercial 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.

## BL520

### Industrial Bay Light

High powered LED's offering superior brightness allow the BL520 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.

## 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.

|                    |                      |                      |                      |
|--------------------|----------------------|----------------------|----------------------|
| Wattage            | 200W                 | 100W / 150W / 200W   | 30W / 60W / 80W      |
| Lumens             | 27,008 LM            | 19,167 LM            | 9,525 LM             |
| Voltage            | 120-277V or 347-480V | 120-277V or 347-480V | 120-277V or 347-480V |
| Hazardous Rated    |                      | ✓                    | ✓                    |
| IP Rating          | Wet Location - IP65  | 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 40°C        |
| Customizable       | ✓                    | ✓                    | ✓                    |

**1-855-563-7284**



# The Details



## SL760 Area Light

This two chip fixture with type II distribution optimizes lighting and reduces light pollution in street lighting and parking lot applications. Customizable voltages and chip colours allow our product to fit each of our customers needs.



## SL660 Street Light

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.



## WPL Wall Pack Light

The WPL Series is best suited for outdoor low to medium mounting wall pack lighting applications. Utilizing high-performance LED's and visually aesthetic construction, this fixture is a great solution for replacing any older style HID wall lights.

|                           |                             |                                 |                             |
|---------------------------|-----------------------------|---------------------------------|-----------------------------|
| <b>Wattage</b>            | <b>150W</b>                 | <b>100W / 120W / 200W/ 400W</b> | <b>30W / 50W / 100W</b>     |
| <b>Lumens</b>             | <b>11,518 LM</b>            | <b>60,000 LM</b>                | <b>12,000 LM</b>            |
| <b>Voltage</b>            | <b>120-277V or 347-480V</b> | <b>120-277V or 347-480V</b>     | <b>120-277V or 347-480V</b> |
| <b>Hazardous Rated</b>    |                             |                                 |                             |
| <b>IP Rating</b>          | <b>Wet Location - IP65</b>  | <b>Wet Location - IP65</b>      | <b>Wet Location - IP65</b>  |
| <b>UL/ETL Rated</b>       | ✓                           | ✓                               | ✓                           |
| <b>Warranty</b>           | <b>5 Year</b>               | <b>5 Year</b>                   | <b>5 Year</b>               |
| <b>Temperature Rating</b> | <b>-40°C to 40°C</b>        | <b>-40°C to 50°C</b>            | <b>-40°C to 40°C</b>        |
| <b>Customizable</b>       | ✓                           |                                 |                             |

# The Details



## LBL

### Heavy Industrial LED

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.

## VPL

### Heavy Industrial LED

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.

## 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.

|                           |                             |                            |                             |
|---------------------------|-----------------------------|----------------------------|-----------------------------|
| <b>Wattage</b>            | <b>50W / 100W / 200W</b>    | <b>30W / 60W / 80W</b>     | <b>80W / 150W / 200W</b>    |
| <b>Lumens</b>             | <b>26,000 LM</b>            | <b>9,200 LM</b>            | <b>9,600 - 24,000 LM</b>    |
| <b>Voltage</b>            | <b>120-277V or 347-480V</b> | <b>120-277V</b>            | <b>120-277V or 347-480V</b> |
| <b>Hazardous Rated</b>    |                             |                            |                             |
| <b>IP Rating</b>          | <b>Wet Location - IP65</b>  | <b>Wet Location - IP65</b> | <b>Wet Location - IP65</b>  |
| <b>UL/ETL Rated</b>       | <b>✓</b>                    | <b>✓</b>                   | <b>✓</b>                    |
| <b>Warranty</b>           | <b>5 Year</b>               | <b>5 Year</b>              | <b>5 Year</b>               |
| <b>Temperature Rating</b> | <b>-40°C to 40°C</b>        | <b>-40°C to 40°C</b>       | <b>-40°C to 40°C</b>        |
| <b>Customizable</b>       |                             |                            |                             |

**1-855-563-7284**



# *The Lumisave Advantage*

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- Our qualified lighting technicians assemble and inspect for quality all fixtures here in Canada
  - Shorter lead times on purchases and quick turnarounds for all warranty claims, reducing downtime
  - 5 year limited warranty on any defect in material or workmanship
  - 80,000+ hours LED lifespan reducing maintenance costs
  - Most fixtures are available in AC Voltages from 110V to 480V
  - Our Heavy Industrial and Industrial series fixtures can be Hazardous Location Certified for:  
Class I Div 2/Zone 2, Class II & Class III Div 2
  - Our rugged, weather proof designs are ready to tackle the harshest of climates
- 

## ***Available Special Service Program:***

Understanding the harsh working environments of heavy industrial sites, Lumisave, through your preferred distributor, 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 otherwise covered by our 5 year limited warranty such as cracked housings, broken lenses, and many other possibilities that can result from be 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 your preferred distributor for further details.

**[www.lumisave.com](http://www.lumisave.com)**

# Lumisave™

Industrial LED Technologies Ltd.

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