

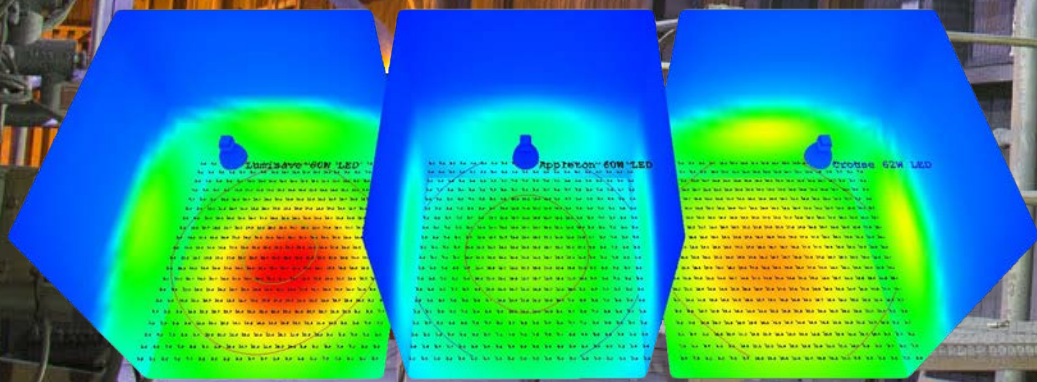
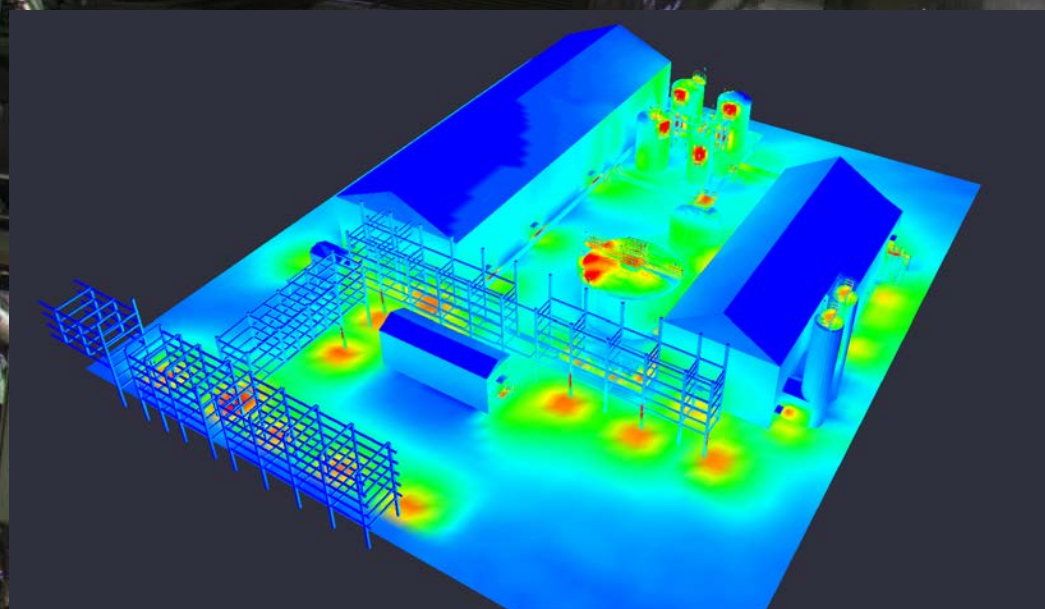
Lumisave™

TRUSTED, TESTED, PROVEN
INDUSTRIAL STRENGTH



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



AGI32 ISOLUX RENDERING

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

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



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

XFL EXPLOSION PROOF FLOOD LIGHT



-40°C / +45°C
 -40°C / +55°C



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) -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 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



Intertek



-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) -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				

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**

XBL EXPLOSION PROOF BAY LIGHT



-40°C / +60°C



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					

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Lumisave

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The Lumisave Advantage

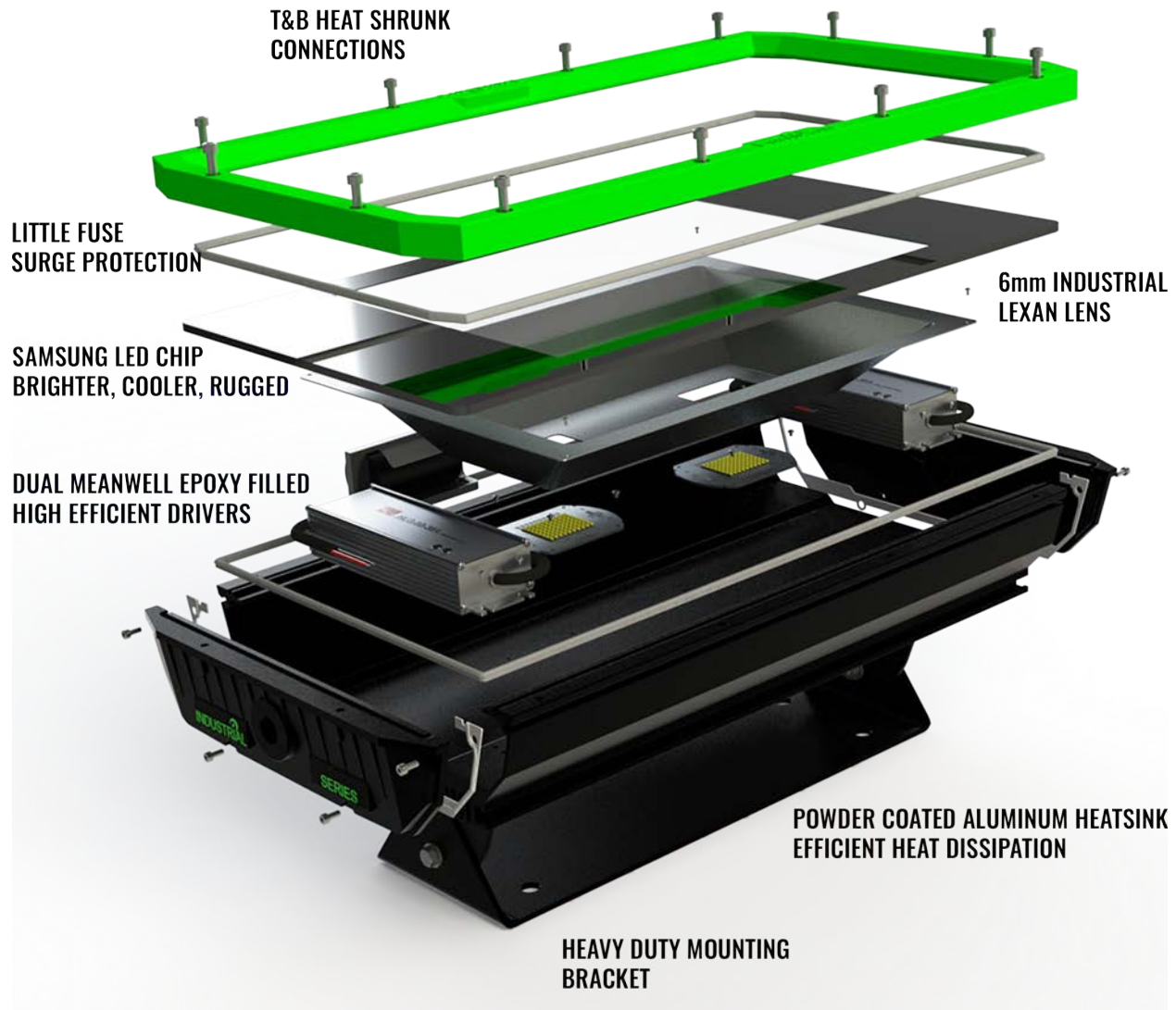
- *Assembled and Inspected for Quality in Canada!*
- *Available in AC voltages from 110V to 480V*
- *Rated 150 Lumens/Watt Output on our Samsung Chips*
- *80,000+ Hours LED lifespan*
- *Hazardous Location Certified for Class I Div 2/Zone 2, Class II Div 2 & Class III Div 2*
- *5 year replacement warranty*
- *Ability to customize each order based on each customer's specific needs*
- *Rugged, weather proof design ready to tackle the harshest climates, see our FL395 frozen in a block of ice below*



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



Applications

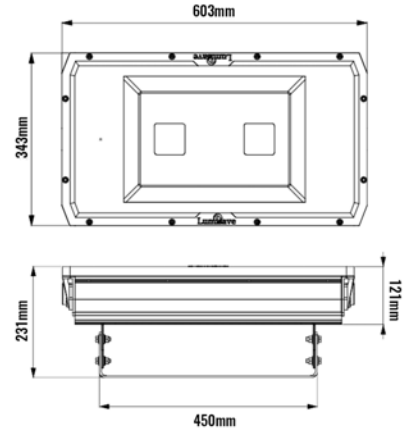
- Oil and Gas processing facilities
- Mobile drilling rigs and service equipment
- Offshore oil platforms
- Chemical plants
- Saw mill and other wood-processing facilities
- Food processing plants
- Manufacturing facilities
- Mining Operations
- Yard Lighting
- Pole Mount Applications

FL395 150W



**Class I, Div 2-T3C, Class I, Zone 2-T3C
Class II & III, Div 2-T5**

FL395 HEAVY INDUSTRIAL 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.

Technical Specifications

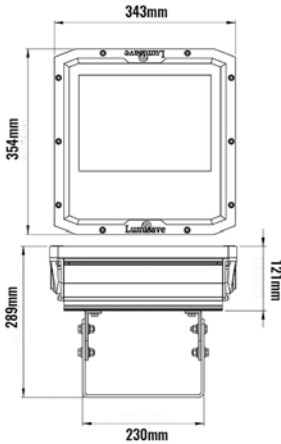
VOLTAGE	120-277V or 347-480V	LED CHIP	Samsung LH351B LED
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150 (LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	16,972 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	6mm Lexan	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	17kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product

Part Number Guide Example: LS-FL395-150W-MV-LX-W7-BH-H1

LS-FL395 -

WATTAGE	VOLTAGE	LENS	CABLE WHIP	MOUNTING	LOCATION
150W	MV - 120-277V HV - 347-480V	LX - Lexan Diffuser LF - Frosted Diffuser	W7 - 7' Whip W(X) - Custom Whip	BH- Heavy Duty Bracket BE- End Cap Bracket (Includes Slip Fitter) BC - Custom Bracket	H1 - Hazardous

**Class I, Div 2-T3C, Class I, Zone 2-T3C
Class II & III, Div 2-T5**



FL375 HEAVY INDUSTRIAL 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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	Samsung LH351B LED
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150(LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	8,183 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	6mm Lexan	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	9.5kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product

Part Number Guide Example: LS-FL375-80W-MV-LX-W7-BH-H1

LS-FL375 -

WATTAGE	VOLTAGE	LENS	CABLE WHIP	MOUNTING	LOCATION
80W	MV - 120-277V HV - 347-480V	LX - Lexan Diffuser LF - Frosted Diffuser	W7 - 7' Whip W(X) - Custom Whip	BH- Heavy Duty Bracket BE- End Cap Bracket (Includes Slip Fitter) BC - Custom Bracket	H1 - Hazardous

Why Lumisave?

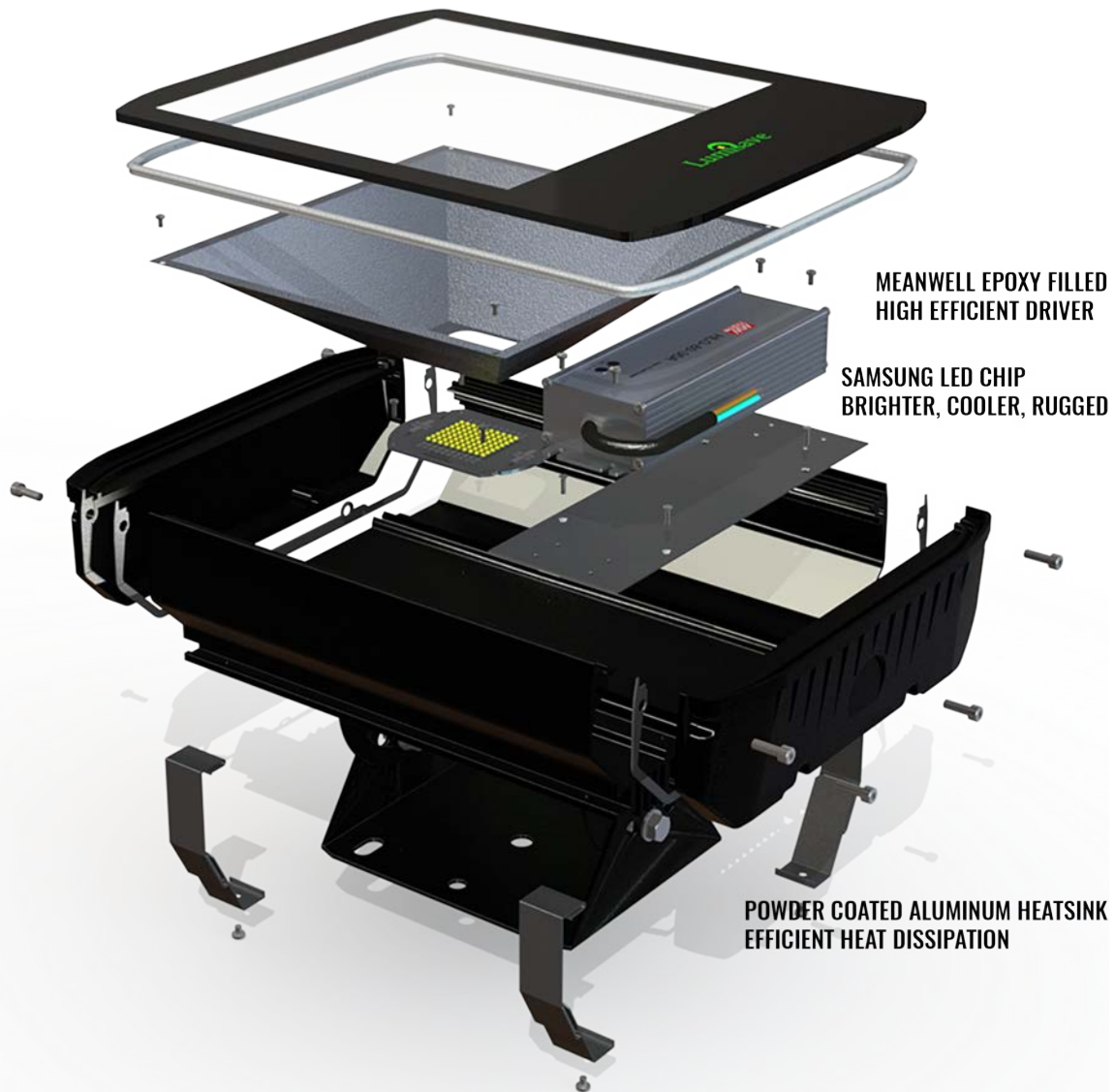
We are committed to quality and reliability of our product. Using innovative technologies and working closely with certified testing agents, we are able to continue to provide better energy saving and higher quality products to the customer. Lumisave has also been able to provide custom products for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



Industrial Series - FL390, FL370, FL360, FL290 & FL225

Industrial Protection, Industrial Strength

Popular for their vast range of applications, the Lumisave Industrial Flood Light Series are the perfect fit for your lighting applications. Save up to 70% in energy consumption, making our flood light the right choice for indoor and outdoor general and hazardous location applications.



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

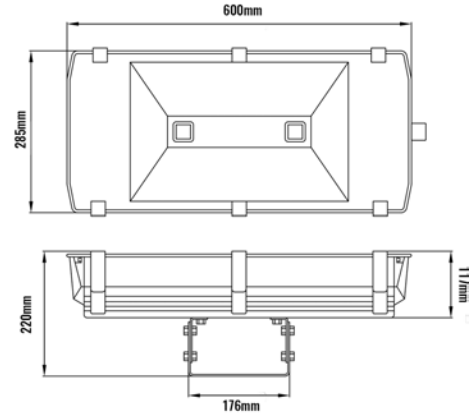
www.lumisave.com

FL390 150W



Class I, Div 2-T3C, Class I, Zone 2-T3C
Class II & III, Div 2-T5

FL390 INDUSTRIAL FLOOD LIGHT



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.

Technical Specifications

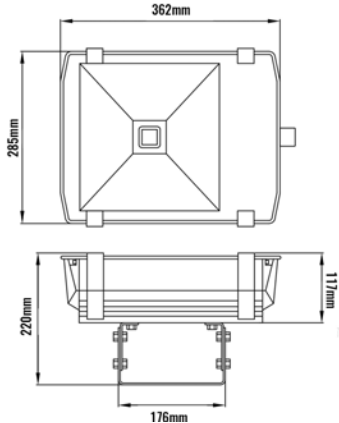
VOLTAGE	120-277V or 347-480V	LED CHIP	Samsung LH351B LED
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150(LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	16,972 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	6mm Lexan or Tempered Glass	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	13.2kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product

Part Number Guide Example: LS-FL390-150W-MV-LX-W7-BS-H0

LS-FL390 -

WATTAGE	VOLTAGE	LENS	CABLE WHIP	MOUNTING	LOCATION
150W	MV - 120-277V	LX - Clear Lexan	W7 - 7' Whip	BS- Standard Bracket	H0 - Non-Hazardous
	HV - 347-480V	LXF - Frosted Lexan	W(X) - Custom Whip	BH- Heavy Duty Bracket	H1 - Hazardous
		LT - Tempered Glass		BE- End Cap Bracket (Includes Slip Fitter)	
		LTF - Frosted Glass		BC - Custom Bracket	

**Class I, Div 2-T3C, Class I, Zone 2-T3C
Class II & III, Div 2-T5**



FL370 INDUSTRIAL FLOOD LIGHT



When a long life lamp is required, please consider the FL370 series. Customizable options such as lenses, mounting and voltage make our product fit each of our customer's needs. The FL370 is one of the toughest products in our lineup. Fully customizable to meet all applications.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	Samsung LH351B LED
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150(LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	7,942 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	6mm Lexan or Tempered Glass	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	9.5kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product

Part Number Guide Example: LS-FL370-70W-MV-LX-W7-BS-H0

LS-FL375 -

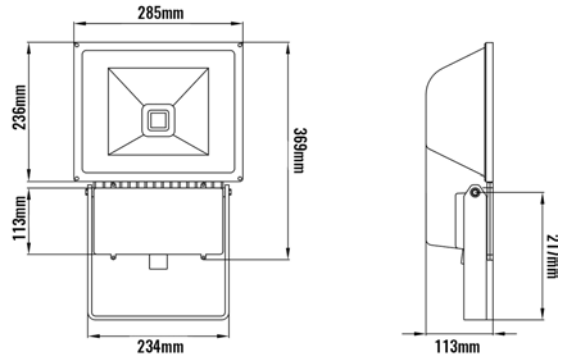
WATTAGE	VOLTAGE	LENS	CABLE WHIP	MOUNTING	LOCATION
70W	MV - 120-277V	LX - Clear Lexan	W7 - 7' Whip	BS- Standard Bracket	H0 - Non-Hazardous
	HV - 347-480V	LXF - Frosted Lexan	W(X) - Custom Whip	BH- Heavy Duty Bracket	H1 - Hazardous
		LT - Tempered Glass		BE- End Cap Bracket (Includes Slip Fitter)	
		LTF - Frosted Glass		BC - Custom Bracket	

FL360 60W/80W



**Class I, Div 2-T3C, Class I, Zone 2-T3C
Class II & III, Div 2-T5**

FL360 INDUSTRIAL FLOOD LIGHT



With high quality LED chips offering superior brightness along with durable housing construction, The FL360 Series flood light is the perfect fit for various flood lighting applications. This fixture excels in medium to high mounting heights, offering superior brightness.

Technical Specifications

VOLTAGE	120-277V	LED CHIP	Samsung LH351B LED
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150 (LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	8,201 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	6mm Lexan or Tempered Glass	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	8kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product

Part Number Guide Example: LS-FL360-80W-MV-LX-W7-BS-H0

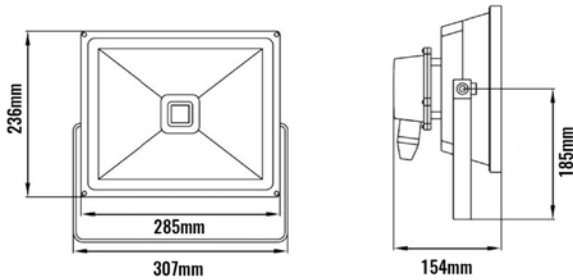
LS-FL360 -

WATTAGE	VOLTAGE	LENS	CABLE WHIP	MOUNTING	LOCATION
60W	MV - 120-277V	LX - Clear Lexan	W7 - 7' Whip	BS- Standard Bracket	H1 - Hazardous
80W	HV - 347-480V	LXF - Frosted Lexan	W(X) - Custom Whip	BH- Heavy Duty Bracket	
		LT - Tempered Glass		BE- End Cap Bracket (Slip Fitter)	
		LTF - Frosted Glass		MM- Magnetic Mount	

**Class I, Div 2-T3C, Class I, Zone 2-T3C
Class II & III, Div 2-T5**



FL290 INDUSTRIAL FLOOD LIGHT



Our rugged aluminum powder coated fixture housing is built for commercial and industrial sites. This compact and light weight fixture can be utilized in a variety of flood lighting applications. With various mounting options, the FL290 offers a solution for any application.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	Samsung LH351B LED
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150 (LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	4,133 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	6mm Lexan or Tempered Glass	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	5.5kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product

Part Number Guide Example: LS-FL290-40W-MV-LX-W7-BS-HO

LS-FL290 -

WATTAGE	VOLTAGE	LENS	CABLE WHIP	MOUNTING	LOCATION
40W	MV - 120-277V	LX - Clear Lexan	W7 - 7' Whip	BS- Standard Bracket	HO - Non-Hazardous
50W	HV - 347-480V	LXF - Frosted Lexan LT - Tempered Glass LTF - Frosted Glass	W(X) - Custom Whip	BH- Heavy Duty Bracket BE- End Cap Bracket (Slip Fitter) MM- Magnetic Mount	H1 - Hazardous

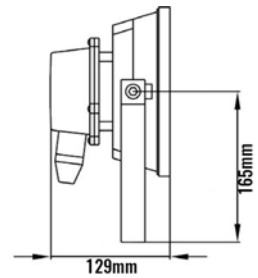
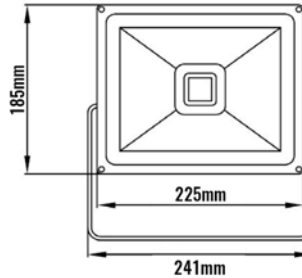
FL225

10W/20W/30W



Class I, Div 2-T3C, Class I, Zone 2-T3C
Class II & III, Div 2-T5

FL225 INDUSTRIAL FLOOD LIGHT



The high-powered LED chip offers superior brightness, proven to eliminate safety concerns while providing exceptional light quality for highly productive environments. Customizable options such as lenses, mounting brackets and various voltages make our product fit each customer's needs.

Technical Specifications

VOLTAGE	120-277V	LED CHIP	BRIDGELUX LED
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150(LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	2,943 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	6mm Lexan or Tempered Glass	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	4.5kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product

Part Number Guide Example: LS-FL225-20W-MV-LX-W7-BS-H0

LS-FL395 - - - - -

WATTAGE	VOLTAGE	LENS	CABLE WHIP	MOUNTING	LOCATION
150W	MV - 120-277V	LX - Clear Lexan	W7 - 7' Whip	BS- Standard Bracket	H0 - Non-Hazardous
	HV - 347-480V	LXF - Frosted Lexan	W(X) - Custom Whip	BH- Heavy Duty Bracket	H1 - Hazardous
		LT - Tempered Glass		BE- End Cap Bracket (Slip Fitter)	
		LTF - Frosted Glass		MM- Magnetic Mount	



ABOUT LUMISAVE

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.

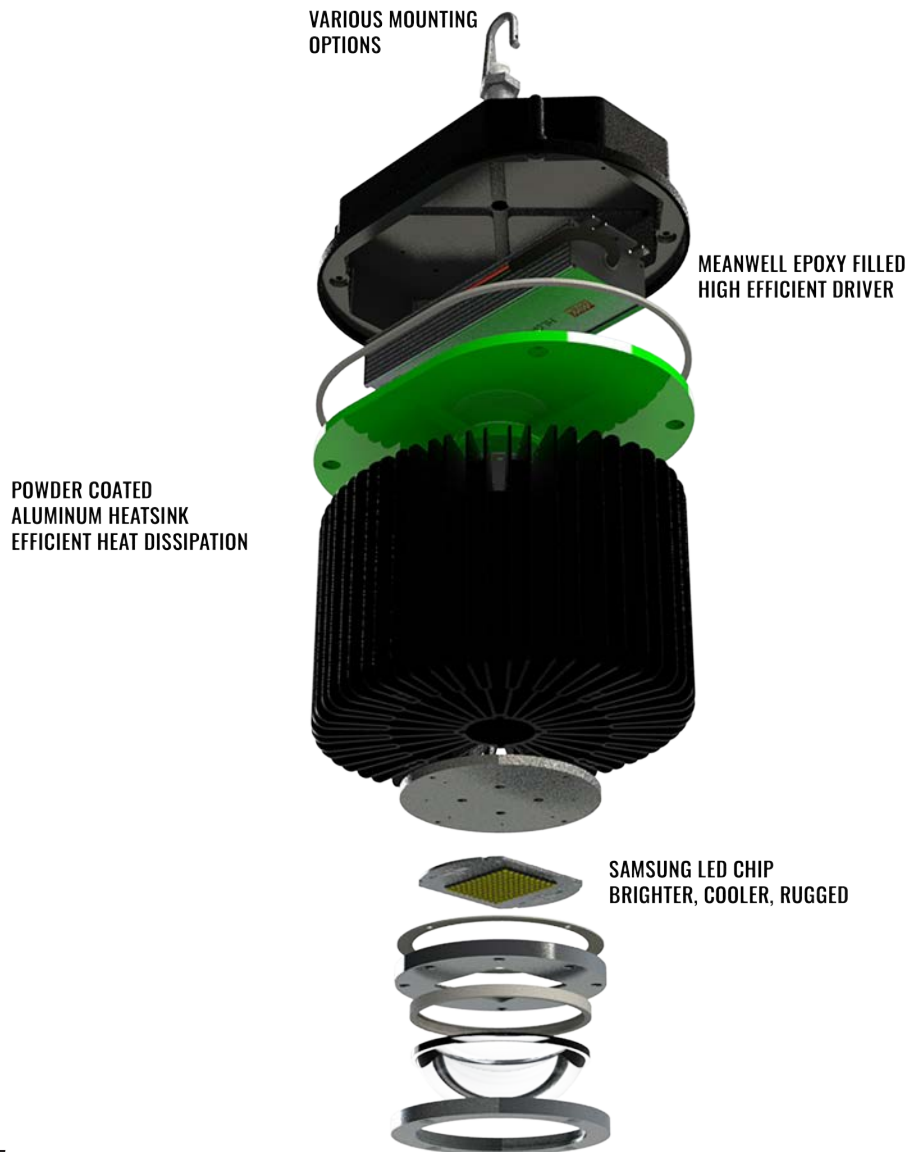
Lumisave is proud to be known as a company that is focused on technical solutions. By working closely with each customer Lumisave is able to understand the needs and develop lighting solutions that save energy, reduce costs, improve safety and upgrade light quality



Industrial Bay Light Series - BL520 & BL420

Industrial Protection, Industrial Strength

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.



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

BL520

100W/150W/200W



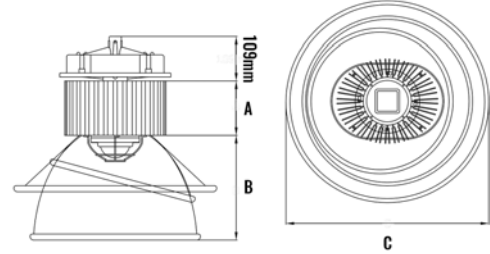
Class I, Div 2-T3C, Class I, Zone 2-T3C
Class II & III, Div 2-T5



BL520 INDUSTRIAL BAY LIGHT



A		B					
		RS	RD	RA	RC	RN	DGW
100W	150mm	140mm	260mm	260mm	165mm	55mm	65mm
150W	180mm	140mm	260mm	260mm	165mm	55mm	65mm
200W	250mm	140mm	260mm	260mm	165mm	55mm	65mm
C		500mm	420mm	420mm	360mm	280mm	280mm



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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	SAMSUNG LH351B LED
POWER FACTOR	≥95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150(LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	19,167 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	Tempered Glass	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	9kg / 10.6kg / 12.2kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product

Part Number Guide Example: LS-BL520-100W-MV-DG-RN-W7-MP-HO

LS-BL520 -

WATTAGE	VOLTAGE	LENS	REFLECTOR	CABLE WHIP	MOUNTING	LOCATION
100W	MV - 120-277V	DG - Glass Dome	RN - No Reflector	W1 - UMS & UAP	MH - Male Thread Hook	HO - Non-Hazardous
150W	HV - 347-480V	DGF - Frosted Glass	RS - Shallow Reflector	W7 - 7' Whip	MP - 1/2" Pendant Mount	H1 - Hazardous
200W		D(X)W - Wire Guard	RD - Deep Reflector	W(X) - Custom Whip	UMS - Universal Mount	
			RA - Lexan Reflector		UAP - Adaptor Plate	
			RC - Cutoff Reflector			

BL420

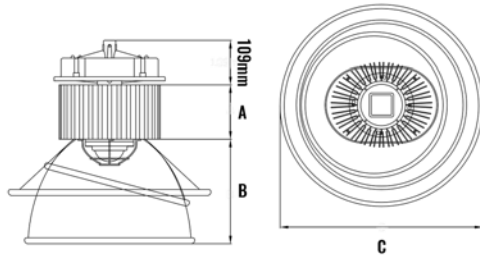
30W/60W/80W



Class I, Div 2-T3C, Class I, Zone 2-T3C
Class II & III, Div 2-T5



	A		B				
	RS	RD	RA	RC	RN	DGW	
30W	60mm	140mm	260mm	260mm	165mm	55mm	65mm
60W	135mm	140mm	260mm	260mm	165mm	55mm	65mm
80W	135mm	140mm	260mm	260mm	165mm	55mm	65mm
C		500mm	420mm	420mm	360mm	280mm	280mm



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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	BRIDGELUX LED
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150(LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	9,525 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	Lexan or Tempered Glass	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	4.5kg / 6.8kg / 6.8kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product

Part Number Guide Example: LS-BL420-100W-MV-DC-RN-W7-MP-HO

LS-BL420 - - - - -

WATTAGE	VOLTAGE	LENS	REFLECTOR	CABLE WHIP	MOUNTING	LOCATION
30W	MV - 120-277V	DC - Clear Dome	RN - No Reflector	W1 - UMS & UAP	MH - Male Thread Hook	HO - Non-Hazardous
60W	HV - 347-480V	DF - Frosted Dome	RS - Shallow Reflector	W7 - 7' Whip	MP - 1/2" Pendant Mount	H1 - Hazardous
80W			RD - Deep Reflector	W(X) - Custom Whip	UMS - Universal Mount	
			RA - Lexan Reflector		UAP - Adaptor Plate	
			RC - Cutoff Reflector			



BREWERIES
JEWELLERS
MAGIC
ANA

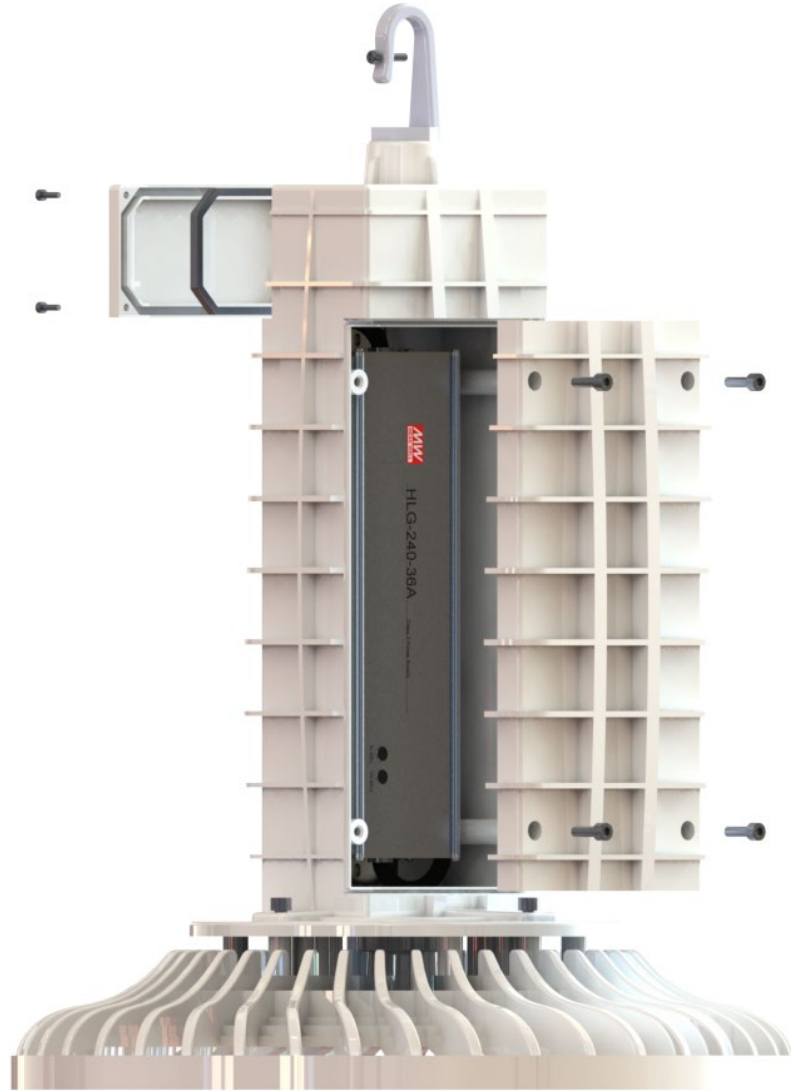
UP SPONSORS
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ALL PRO
FOCUS

Eco-Light Series - BL550 & FL550

New Products, New Applications, Same Industrial Quality

With the introduction of the Eco Line Series by Lumisave, your lighting needs have never been more complete. Utilizing the same tough industrial quality construction and components that Lumisave has built its reputation upon, combined with the everyday needs of commercial & light industrial lighting needs. This new fixture series offers a wide variety of high quality lighting solutions for your next project.



Applications

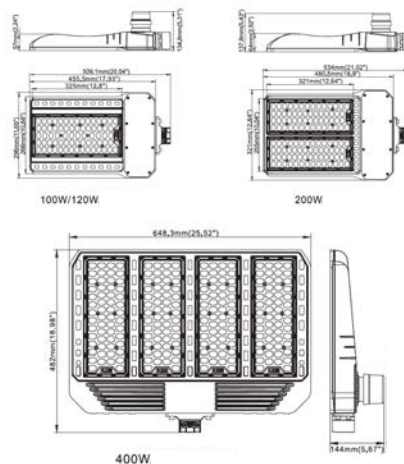
- Parking Lots
- Area Lighting
- Commercial
- Warehousing
- Light/Heavy Industrial
- High/Low Mounted
- Wall Packs
- Wet Locations
- General Areas
- Machinery

SL660

100W/120W/200W/400W



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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	PHILIPS 3030
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150(LM/W)	MAXIMUM INTENSITY ANGLE	TYPE III, IV, V
MAX LUMEN OUTPUT	60,000 LM	WORK TEMPERATURE	-40°C to +50°C
COLOUR TEMPERATURE	3000 - 5700K	WORK HUMIDITY	15% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	Optical Poly-Carbonate	FIXTURE	White Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	7.4 - 17.8kg
FREQUENCY	50/60Hz	APPROVED	cULus, DLC Pending

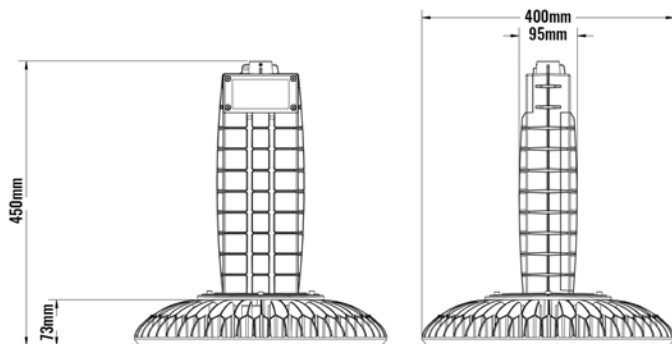
Part Number Guide Example: LS-BL550-27L-MV-LW-MH-HO

LS-BL550 -

WATTAGE	VOLTAGE	OPTICS	PHOTOCELL	MOUNTING	ACCESSORIES
120W	MV - 120-277V	T3 - Type III	PC - Photocell	SF - Slipfitter	Blank - N/A
200W	HV - 347-480V	T4 - Type IV	PCN - No Photocell	PM - Post Mount	DD - 1-10V Dimmable
400W		T5 - Type V		TM - Trunnion	SP - Surge Protector



BL520 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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	PHILIPS 3030
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	150(LM/W)	MAXIMUM INTENSITY ANGLE	≥120°
MAX LUMEN OUTPUT	27,008 LM	WORK TEMPERATURE	-40°C to + 40°C
COLOUR TEMPERATURE	5700K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	Lexan	FIXTURE	White Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	7.4kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards, DLC Qualified Product (PENDING)

Part Number Guide Example: LS-BL550-27L-MV-LW-MH-H0

LS-BL550 -

LUMENS	VOLTAGE	OPTICS	MOUNTING	LOCATION
27L - 27,000LM	MV - 120-277V HV - 347-480V	LW - Wide Lens(120°) LM - Med. Lens(90°) LN - Narrow Lens(60°)	MH - Male Thread Hook MP - 1/2" Pendant Mount	H0 - Non-Hazardous H1 - Hazardous

VPL 30W/60W/80W

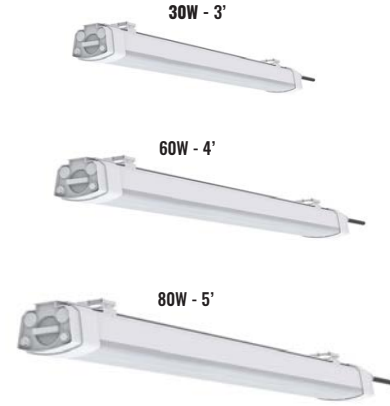


Vapourtite Light



Lumisave™

GENERAL LOCATION RATED FIXTURE



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.

Technical Specifications

VOLTAGE	120-277V	LED CHIP	PHILIPS 3030
POWER FACTOR	≤95%	LED DRIVER	LIFUD
LED LUMINOUS EFFICIENCY	115(LM/W)	MAXIMUM INTENSITY ANGLE	120°
MAX LUMEN OUTPUT	9,200 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	3000 - 5700K	WORK HUMIDITY	15% to 95% RH
COLOUR RENDERING INDEX	Ra>80	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	Optical Poly-Carbonate	FIXTURE	Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	1.55-2.74kg
FREQUENCY	50/60Hz	APPROVED	cULus, DLC Pending

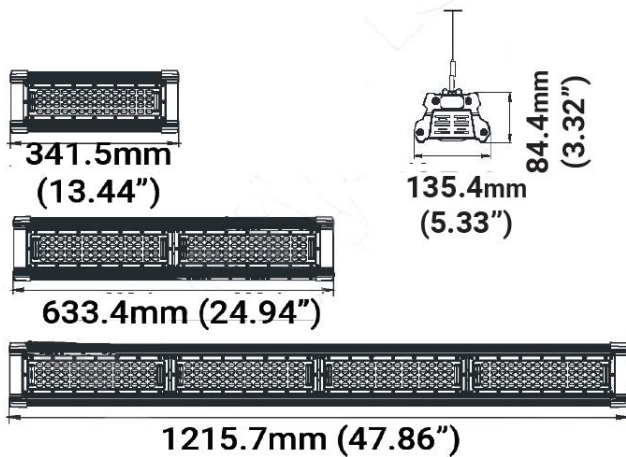
Part Number Guide Example: LS-VPL-30W-MV-5K

LS-VPL -

WATTAGE	VOLTAGE	COLOUR TEMP
30W	MV - 120-277V	3K - 3000K (Custom)
60W		4K - 4000K (Custom)
80W		5K - 5000K (Standard)



Linear High Bay Light



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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	PHILIPS 3030
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	130(LM/W)	MAXIMUM INTENSITY ANGLE	30°x 70° / 60°x 100° / 120°
MAX LUMEN OUTPUT	26,000 LM	WORK TEMPERATURE	-40°C to + 40°C
COLOUR TEMPERATURE	3000 - 5700K	WORK HUMIDITY	15% to 95% RH
COLOUR RENDERING INDEX	Ra>80	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	Optical Poly-Carbonate	FIXTURE	Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	2.37-7.55kg
FREQUENCY	50/60Hz	APPROVED	cULus, DLC Pending

Part Number Guide Example: LS-LBL-50W-MV-5K-NB-W7-MS

LS-LBL -

Wattage	VOLTAGE	COLOUR TEMP	OPTICS	CABLE	MOUNTING
50W	MV - 120-277V	3K - 3000K (Custom)	NB - Narrow (30°x 70°)	W7 - 7' Whip (Standard)	MS - Standard Kit
100W	HV - 347-480V	4K - 4000K (Custom)	MB - Medium (60°x 100°)	W(X) - Custom	
200W		5K - 5000K (Standard)	WB - Wide (120°)		

FLE 80W/150W/200W

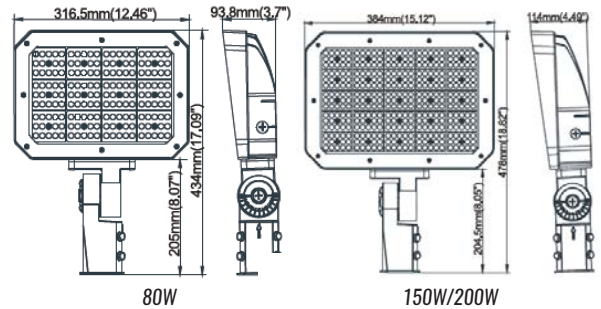


FLE FLOOD LIGHT



Lumisave™

GENERAL LOCATION RATED FIXTURE



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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	PHILIPS 3030
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	120(LM/W)	MAXIMUM INTENSITY ANGLE	90° x 120°
MAX LUMEN OUTPUT	9,600 - 24,000 LM	WORK TEMPERATURE	-40°C to + 40°C
COLOUR TEMPERATURE	3000-5700K	WORK HUMIDITY	15% to 95% RH
COLOUR RENDERING INDEX	Ra>80	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	Poly-Carbonate	FIXTURE	Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	1.4 - 9.5KG
FREQUENCY	50/60Hz	APPROVED	cULus, DLC Pending

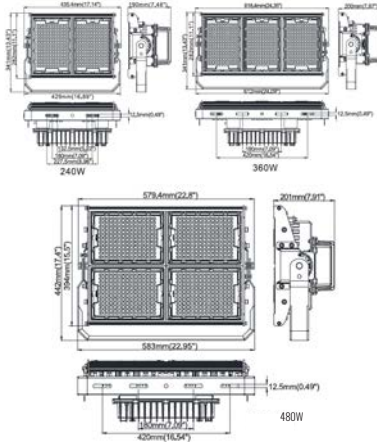
Part Number Guide Example: LS-FLE-80W-5K-W7-MS

LS-FLE -

WATTAGE	VOLTAGE	COLOUR TEMP	Cable	Mounting
80W	MV - 120-277V	3K - 3000K	W7 - 7' Whip (Standard)	MS - Standard Bracket
150W	HV - 347-480V	4K - 4000K	W(X) - Custom	MT - Trunnion Mount
200W		5K - 5000K (Standard)		SF - Slipfitter



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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	PHILIPS 3030
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	130(LM/W)	MAXIMUM INTENSITY ANGLE	30° / 60° x 100°
MAX LUMEN OUTPUT	65,000 LM	WORK TEMPERATURE	-40°C to +50°C
COLOUR TEMPERATURE	3000-5700K	WORK HUMIDITY	15% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	Optical Poly-Carbonate	FIXTURE	Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	12.3 - 20.3KG
FREQUENCY	50/60Hz	APPROVED	cULus, DLC Pending

Part Number Guide Example: LS-FL550-240W-MV-NB-MS-HO

LS-FL550 -

WATTAGE	VOLTAGE	OPTICS	MOUNTING	LOCATION
240W	MV - 120-277V	NB - Narrow Beam Lens (30°)	MS - Standard Bracket	HO - Non-Hazardous
360W	HV - 347-480V	WB - Wide Beam Lens (60° x 100°)	SF - Slipfitter/Pole Mount	
480W				

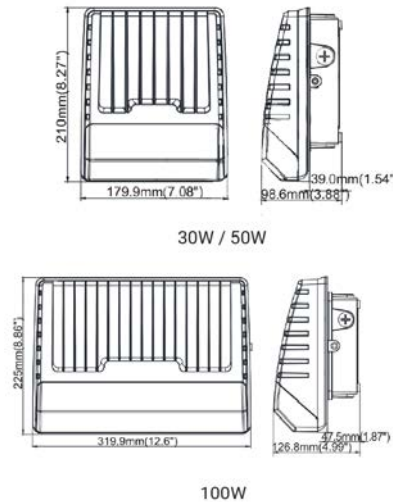
WPL 30W/50W/100W



WALL PACK LIGHT



GENERAL LOCATION RATED FIXTURE



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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	PHILIPS 3030
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	120(LM/W)	MAXIMUM INTENSITY ANGLE	120°
MAX LUMEN OUTPUT	12,000 LM	WORK TEMPERATURE	-40°C to + 40°C
COLOUR TEMPERATURE	3000-5700K	WORK HUMIDITY	15% to 95% RH
COLOUR RENDERING INDEX	Ra>80	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	Poly-Carbonate	FIXTURE	Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	1.4 - 3.7KG
FREQUENCY	50/60Hz	APPROVED	cULus, DLC Pending

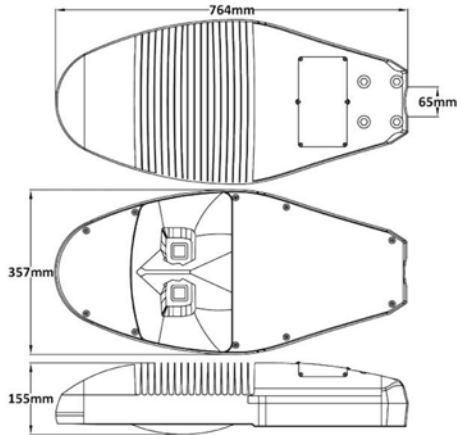
Part Number Guide Example: LS-WPL-80W-MV-5K-W7-MS

LS-WPL -

WATTAGE	VOLTAGE	COLOUR TEMP	Cable	Mounting
80W	MV - 120-277V	3K - 3000K	W7 - 7' Whip (Standard)	MS - Standard Bracket
150W	HV - 347-480V	4K - 4000K	W(X) - Custom	MT - Trunnion Mount
200W		5K - 5000K (Standard)		SF - Slipfitter







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.

Technical Specifications

VOLTAGE	120-277V or 347-480V	LED CHIP	BRIDGELUX LED
POWER FACTOR	≤95%	LED DRIVER	MEANWELL
LED LUMINOUS EFFICIENCY	100(LM/W)	MAXIMUM INTENSITY ANGLE	TYPE II
MAX LUMEN OUTPUT	11,518 LM	WORK TEMPERATURE	-40°C to +40°C
COLOUR TEMPERATURE	5000K	WORK HUMIDITY	10% to 95% RH
COLOUR RENDERING INDEX	Ra>70	CHIP LIFE EXPECTANCY	80,000 Hours
LENS	6mm Lexan or Tempered Glass	FIXTURE	Black Aluminum Alloy Housing
PROTECTION	Wet Location IP65	WEIGHT	13.6kg
FREQUENCY	50/60Hz	APPROVED	ETL Listed, Tested to CSA and UL Standards,

Part Number Guide Example: LS-SL760-150W-MV-C50-PN-H0

LS-SL760 -

WATTAGE	VOLTAGE	COLOUR TEMP	PHOTO CELL	LOCATION
150W	MV - 120-277V HV - 347-480V	C50 - 5000K CGR - Green	PN - No Photo Cell PC - Photo Cell PF - In-line Fusing PCF - Photo Cell and In-line Fusing	H0 - Non-Hazardous

FIXTURE OPTIONS



INDUSTRIAL FLOOD LIGHT



SLIPFITTER BRACKET

The End Cap Bracket is suitable for the FL395 / FL390 / FL375 / FL370 for use with the Slip Fitter



SLIPFITTER

The End Cap Allows the Industrial and Heavy Industrial Flood Lights to be Pole/Bull Horn mounted



LENSES

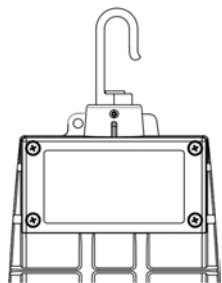
Available in glass or lexan both in frosted or clear applications



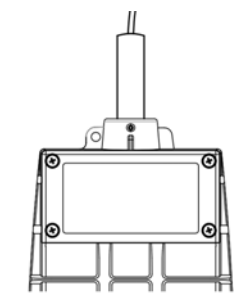
MAGNETIC MOUNT

For Temporary Mounting Applications

ECO BAY LIGHT MOUNTING



**HOOK MOUNT
(MH)**



**PENDANT MOUNT
(MP)**

ECO FLOOD LIGHT MOUNTING



**SLIP FITTER - POLE MOUNT
(SF)**



**STANDARD BRACKET
(MS)**

ECO STREET LIGHT MOUNTING



**SLIP FITTER
(SF)**



**POST MOUNT
(PM)**



**TRUNNION MOUNT
(TM)**

INDUSTRIAL BAY LIGHT LENSES



GLASS

The glass dome focuses the light to reduce light spill



CLEAR

The Lexan dome gives the LED chip increased protection



FROSTED

The frosted dome diffuser is best to reduce glare



WIRE GUARD

The wire guard provides extra protection for lens options

INDUSTRIAL BAY LIGHT REFLECTORS



DEEP

Best used for high mounting applications



SHALLOW

Wide distribution, best used for low mounting applications



LEXAN

Provides ambient lighting reducing "cave effect"



CUT OFF

Directed light where the fixture is not pointed straight down

INDUSTRIAL BAY LIGHT MOUNTING



UNIVERSAL ADAPTOR PLATE

The UAP is a retrofit adaptor for mounting the BL420 & BL520 Series to fit your new or existing mounting requirements. It adapts to any Crouse Hinds DMV or VMV Series mounting option and is suitable for both wet & dry locations



STANCHION MOUNT

WALL MOUNT

UNIVERSAL MOUNTING SYSTEM

The UMS is a unique universal mounting system developed by Lumisave for the BL420 & BL520 Series fixtures. The UMS can be configured for wall or stanchion mounting in either a 0° or 22.5° mounting angle. It has a built in wiring compartment to eliminate extra junction boxes or connection points.

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, see our FL395 frozen in a block of ice below*





LumisaveTM

www.lumisave.com
2098 Robertson Road
Prince George, BC, V2N 1X6
1-855-563-7284