



# BASELINE

BY LUMECON

RELIABLE LIGHTING SOLUTIONS  
FOR MUNICIPAL, UTILITY AND  
CONTRACTOR-GRADE MARKETS

# BASELINE

BY LUMECON



## DLC®-Qualified LED Fixtures with Custom CCT and Tunable Wattages

### Affordable Price Point

BASELINE SERIES leverages Lumecon's partnerships with key off-shore manufacturers, allowing customers to access high-quality lighting solutions at an affordable price point.

### Why Choose Us

**5 Year Warranty:** Lumecon stands behind the quality and reliability of its products, offering a 5 year warranty on all BASELINE products.

**Ready to Ship:** A wide range of LED fixtures in stock and ready to ship, so you can enjoy fast and reliable delivery.

### Customized Options

Offering custom options, including tune-able k-temp, wattages, and advanced control features, allowing customers to tailor their lighting solutions to their specific needs.

### Ideal for MUSH Segments



















Ideal for Municipal, University, School, and Hospital (MUSH) sectors that need dependable, readily available and budget-friendly lighting solutions that align with ROI and rebate criteria.

### DLC® Qualified

BASELINE SERIES is DLC® listed and meets utility rebate criteria. Tested to ensure top-tier energy efficiency, quality, and performance.



## Quick Reference Guide

|  |   |  |   |  |
|--|---|--|---|--|
| <br>BLS-ARLM<br>Area Light<br>Page 4                | <br>BLS-SLR<br>Sports Area Light<br>Page 6   | <br>BLS-SLSQ<br>Sports Area Light<br>Page 7     | <br>BLS-FTW<br>Forward Throw Wall Pack<br>Page 8 | <br>BLS-UTWP<br>Utility Wall Pack<br>Page 9 |
| <br>BLS-FCW<br>Forward Cut-Off Wall Pack<br>Page 10 | <br>BLS-WP<br>Wall Pack<br>Page 11           | <br>BLS-FLD<br>Flood Light<br>Page 12           | <br>BLS-MID<br>Full Cut-Off Post-Top<br>Page 13  | <br>BLS-CAR<br>Carriage Post-Top<br>Page 14 |
| <br>BLS-BOL<br>Bollard<br>Page 15                 | <br>BLS-CAN<br>Canopy<br>Page 16           | <br>BLS-CHB<br>Circular High Bay<br>Page 17   | <br>BLS-CHBHT<br>Circular High Bay<br>Page 18  | <br>BLS-DTD<br>Dusk-to-Dawn<br>Page 19    |
| <br>BLS-GSC<br>Gas Station Canopy<br>Page 20      | <br>BLS-LHB2<br>Linear High Bay<br>Page 21 | <br>BLS-VTLS<br>Vapor Tight Linear<br>Page 22 |   |  |

**BASELINE**  
BY LUMECON

**Order Today! 248-477-5009**  
sales@lumecon.com • www.lumecon.com

## BLS-ARLM AREA LIGHT

The BLS-ARLM leverages cutting-edge LED technology to deliver exceptional performance, energy efficiency, and long-lasting durability, all while remaining budget-friendly. The slim and lightweight housing is engineered to optimize heat management through effective convective cooling. It retains the universal NEMA photocell and sensor capabilities and adjustable power and color temperature settings (power adjustment: 100%, 80%, 60%, 40%; color temperature adjustment: 3000K, 4000K, 5000K).

### SPECIFICATIONS FEATURES

- Color Temperature:** Capable of delivering 4000K, 5000K & 5700K color temperatures.
- Construction:** One-piece die-cast aluminum housing features a complete heat sink that optimizes heat dissipation through convection cooling management. Low profile, 3G vibration rated compact design minimizes wind load requirements. Housing is completely sealed against moisture and environmental contaminants.
- Optics:** Available in IES Type II, III, IV, V distributions.
- Controls:** Optional Occupancy sensor or Microwave sensor. Optional Bluetooth sensor or Bluetooth controller. Optional NEMA 3-pin photocell or 7-pin photocell.
- Voltage:** Universal 120-277 VAC or 347-480 VAC input voltage.
- Dimming:** 0-10V Dimmable
- Lifespan:** Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.
- Operating Temperature:** Ambient operating temperature -40°C to 40°C (-40°F to 104°F)
- Power Factor:** > 0.90, THD <20%
- Listings:** UL wet location listed. DesignLights Consortium™ Qualified. DesignLights Consortium™ Qualified and classified for DLC Premium, refer to [www.designlights.org](http://www.designlights.org) for details.
- Warranty:** 5 year warranty

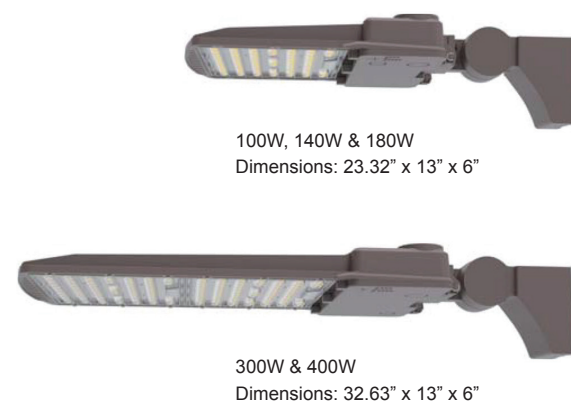
### ORDERING GUIDE

| MODEL    | WATTAGE | VOLTAGE  | CCT               | FINISH       | PHOTOCELL               | SENSOR & PHOTOCELL         | MOUNTING                 | DISTRIBUTION | CCT & POWER ADJUSTABLE          |
|----------|---------|----------|-------------------|--------------|-------------------------|----------------------------|--------------------------|--------------|---------------------------------|
| BLS-ARLM | 100     | 120-277V | 3000K/4000K/5000K | Dark Bronze  | PC1 3 Pin 120V-227V     | OC1 <sup>2</sup> 120V-227V | AM Arm Mount             | T2 Type II   | AD <sup>1</sup> Adjustable Dial |
|          | 140     | 347-480V | 3000K/4000K/5000K | Custom Color | PC2 3 Pin 347V          | OC2 <sup>2</sup> 120V-480V | SF Slipfitter            | T3 Type III  |                                 |
|          | 180     |          | 3000K/4000K/5000K |              | PC3 3 Pin 480V          | BLANK Without Sensor       | WM Wall Mount            | T4 Type IV   |                                 |
|          | 300     |          | 3000K/4000K/5000K |              | PC4 7 Pin 120V-227V     |                            | YM Yoke Mount            | T5 Type V    |                                 |
|          | 400     |          | 4000K/5000K       |              | BLANK Without Photocell |                            | AAM Adjustable Arm Mount |              |                                 |

Note:  
 1. 400 is only 4000K, 5000K adjustable, other wattages are 3000K, 4000K and 5000K adjustable  
 2. OC1 or OC2 includes a built-in photocell and will override PC1-PC3

### POWER AND CCT ADJUSTABLE

| MODEL        | CCT SELECT        | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|--------------|-------------------|--------------|---------------|----------|
| BLS-ARLM-100 | 3000K/4000K/5000K | Max 100W     | Max 15,800 lm | 158 lm/W |
| BLS-ARLM-140 | 3000K/4000K/5000K | Max 140W     | Max 23,000 lm | 164 lm/W |
| BLS-ARLM-180 | 3000K/4000K/5000K | Max 180W     | Max 27,000 lm | 150 lm/W |
| BLS-ARLM-300 | 3000K/4000K/5000K | Max 300W     | Max 45,000 lm | 150 lm/W |
| BLS-ARLM-400 | 4000K/5000K       | Max 400W     | Max 60,000 lm | 150 lm/W |



100W, 140W & 180W  
Dimensions: 23.32" x 13" x 6"

300W & 400W  
Dimensions: 32.63" x 13" x 6"

### STRUCTURAL DESIGN

#### Housing

The one-piece die-cast housing with corrosion-resistant coating protection and the modular design extend the life of the luminaire while making it easy to maintain.

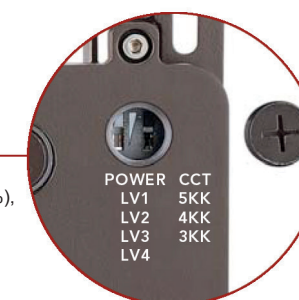
#### Photocell

Dusk to dawn controls can be utilized via optional NEMA twist-lock photocell.



#### CCT & Power Adjustable

Offer four selectable lumen output (40%/60%/80%/100%), and three selectable CCTs (30K/40K/50K)



#### Adjustable Arm Mount

The Enhanced Up and Down Adjustable Pole Mount is designed to fit perfectly onto 4-inch and 5-inch round or square poles. Various mountings are available for different applications.

#### Photometry

Optional Type II, III, IV and V Photometry as per applications.

#### Photometry

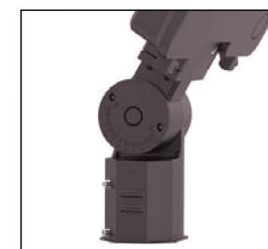
Optional occupancy sensor allows for security and energy savings.

### MOUNTING



#### Arm Mount

(4" and 5" Square and Round poles) Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



#### Slipfitter Mount

An optional cast aluminum mast arm adapter secures fixture head to nominal 2-3/8" O.D. horizontal steel tenon arm.



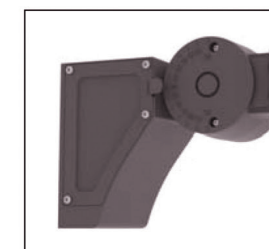
#### Wall Mount

Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting



#### Yoke Mount

Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.



#### Adjustable Arm Mount

Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



## BLS-SLR SPORTS AREA LIGHT

The BLS-SLR is a powerful stadium light designed with precision engineered optics provide excellent high output and high efficiency, making them ideal solutions for municipal, school and semi-professional outdoor sports lighting. Dynamic thermal management design maximizes heat dissipation and significantly improves the life of luminaires. Built-in surge suppression adds an extra layer of protection to the driver. Versatile mounting bracket for hassle-free installation.

### SPECIFICATIONS FEATURES

**Color Temperature:** Capable of delivering 4000K, 5000K & 5700K color temperatures (70/80/90 CRI) configurations.

**Construction:** Sealed die-casting profile for outdoor applications. Low profile, 3G vibration rated compact design minimizes wind load requirements.

**Optics:** Available in NEMA 3Hx3V, 4Hx4V, 5Hx5V and 6Hx6V distributions.

**Voltage:** 120-277V or 200-480V

**Dimming:** 0-10V Dimmable

**Lifespan:** Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Operating Temperature:** Ambient operating temperature -40°C to 40°C (-40°F to 104°F)

**Power Factor:** > 0.90, THD <20%

**Listings:** UL wet location listed.

**Warranty:** 10 year warranty



Small Size:  
505W & 600W  
Dimensions:  
20.6" x 16.3" x 15.2"



Large Size:  
850W5  
Dimensions:  
23.8" x 18.5" x 17.46"

### ORDERING GUIDE

| MODEL   | WATTAGE  | VOLTAGE      | CCT      | FINISH  | NEMA                   | MOUNTING    | INTEGRATED CONTROL        | INTERNAL CODE |
|---------|----------|--------------|----------|---------|------------------------|-------------|---------------------------|---------------|
| BLS-SLR | 505 505W | 27V 120-277V | 40 4000K | B Black | B33 3Hx3V              | TR Trunnion | C with Integrated Control | Blank         |
|         | 850 850W | 48V 347-480V | 50 5000K |         | B44 4Hx4V              |             | W without                 |               |
|         |          | 48V 277-480V | 57 5700K |         | B55 <sup>1</sup> 5Hx5V |             |                           |               |
|         |          |              |          |         | B66 <sup>1</sup> 6Hx6V |             |                           |               |

Notes:  
1. 5Hx5V, 6Hx6V coming soon

| MODEL   | WATTAGE  | VOLTAGE      | CCT      | FINISH  | NEMA                   | MOUNTING    | INTEGRATED CONTROL        | INTERNAL CODE |
|---------|----------|--------------|----------|---------|------------------------|-------------|---------------------------|---------------|
| BLS-SLR | 600 600W | 27V 120-277V | 40 4000K | B Black | B22 2Hx2V              | TR Trunnion | C with Integrated Control | Blank         |
|         |          | 48V 347-480V | 50 5000K |         | B33 3Hx3V              |             | W without                 |               |
|         |          |              | 57 5700K |         | B44 4Hx4V              |             |                           |               |
|         |          |              |          |         | B55 <sup>1</sup> 5Hx5V |             |                           |               |
|         |          |              |          |         | B66 <sup>1</sup> 6Hx6V |             |                           |               |

### SMALL SIZE

| MODEL       | CCT   | POWER | LIGHT OUTPUT | EFFICACY |
|-------------|-------|-------|--------------|----------|
| BLS-SLR-505 | 5000K | 505W  | 72,000 lm    | 143 lm/W |
| BLS-SLR-600 | 5000K | 600W  | 90,000 lm    | 150 lm/W |

### LARGE SIZE

| MODEL       | CCT   | POWER | LIGHT OUTPUT | EFFICACY |
|-------------|-------|-------|--------------|----------|
| BLS-SLR-850 | 5000K | 850W  | 120,000 lm   | 141 lm/W |

## BLS-SLSQ SPORTS AREA LIGHT - Square

The BLS-SLSQ square court light is different from the round court light in appearance, the BLS-SLSQ is more suitable for stadium lighting with higher lighting requirements. Precision designed optics with high output and high efficiency provide effective illumination covering the entire stadium in all directions, ensuring uniformity of illumination and providing excellent and comfortable illumination. At the same time, it supports two completely different installation methods of power random and remote control, which maximizes the practicality of luminaires with budget-friendly costs.

### SPECIFICATIONS FEATURES

**Color Temperature:** Capable of delivering 4000K, 5000K & 5700K color temperatures (70/80/90 CRI) configurations.

**Construction:** Sealed die-casting profile for outdoor applications. Low profile, compact design minimizes wind load requirements.

**Optics:** Available in NEMA 2Hx2V, 3Hx3V, 4Hx4V, 5Hx5V, 6Hx6V distributions.

**Voltage:** 200-480VAC or 120-277V

**Dimming:** 0-10V Dimmable

**Lifespan:** Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** Ambient operating temperature -40°C to 40°C (-40°F to 122°F)

**Power Factor:** > 0.90, THD <15%

**Listings:** UL wet location listed

**Warranty:** 10 year warranty



Small Size:  
500W & 600W  
Dimensions:  
25.22" x 21.93" x 13.92"



Large Size:  
850W & 1200W  
Dimensions:  
25.22" x 24.94" x 25.74"

### ORDERING GUIDE

| MODEL    | WATTAGE  | VOLTAGE      | CCT        | FINISH  | NEMA                   | MOUNTING    | INTERNAL CODE |              |
|----------|----------|--------------|------------|---------|------------------------|-------------|---------------|--------------|
| BLS-SLSQ | 500 500W | 27V 120-277V | 40 4000K   | B Black | B22 2Hx2V              | TR Trunnion | Blank         |              |
|          | 600 600W |              | 50 5000K   |         | B33 3Hx3V              |             |               | Alphanumeric |
|          |          |              | 850 850W   |         | 57 5700K               |             | B44 4Hx4V     |              |
|          |          |              | 1200 1200W |         |                        |             |               |              |
|          |          |              |            |         | B66 6Hx6V <sup>1</sup> |             |               |              |

Note:  
1. Only 500W optional for 120-277V input voltage.

### PERFORMANCE DATA

| MODEL         | CCT   | POWER | LIGHT OUTPUT | EFFICACY |
|---------------|-------|-------|--------------|----------|
| BLS-SLSQ-500  | 5000K | 500W  | 75,000 lm    | 150 lm/W |
| BLS-SLSQ-600  | 5000K | 600W  | 92,000 lm    | 153 lm/W |
| BLS-SLSQ-850  | 5000K | 850W  | 125,000 lm   | 147 lm/W |
| BLS-SLSQ-1200 | 5000K | 1200W | 180,000 lm   | 150 lm/W |

## BLS-FTW FORWARD THROW WALL PACK

The BLS-FTW Forward Throw Wall Pack is a high performance fixture offering both durability and style. Made of die-cast aluminum, the BLS-FTW is suitable for wet location plus CCT and Power selectable. The installation can be done without opening the driver box, further more photocell, sensor and emergency back up are also available. The classic architectural shape of the BLS-FTW series was designed for applications such as factories, warehouses, self storage, commercial buildings, entrances and walkways.

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** High grade, heavy-duty die-cast aluminum. Suitable for applications requiring 3G vibration test according to ANSI C136.31.

**Lens:** Vandal/ Impact Resistant Polycarbonate, Anti-UV prismatic translucent lens is designed to shape the light distribution and uniformity.

**CRI:** 70

**Voltage:** 120-277V

**Dimming:** 0-10V Dimmable

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F). Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

**Power Factor:** > 0.90, THD <20%

**Listings:** cULus, IP66, Suitable for Wet location, RoHS compliant, Meets LM-79 LM-80 Standards. DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: [www.designlights.org](http://www.designlights.org).

**Warranty:** 5 year warranty



Dimensions:  
14.2" x 9.25" x 7.2"

### ORDERING GUIDE

| MODEL   | WATTAGE                 | VOLTAGE    | CCT                              | FINISH        | LENS                  | PHOTOCELL   | EMERGENCY BATTERY  |
|---------|-------------------------|------------|----------------------------------|---------------|-----------------------|-------------|--------------------|
| BLS-FTW | 62 62W, 53W, 40W, 27W   | 1 120-277V | ADJ Adjustable Color Temperature | D Dark Bronze | C Clear Polycarbonate | PC 120-277V | BB Battery Back-Up |
|         | 100 100W, 79W, 62W, 41W |            |                                  |               |                       |             | CC Custom Color    |

### POWER AND CCT ADJUSTABLE

| MODEL       | CCT SELECT        | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|-------------|-------------------|--------------|---------------|----------|
| BLS-FTW-62  | 3000K/4000K/5000K | Max 65W      | Max 7,900 lm  | 122 lm/W |
| BLS-FTW-100 | 3000K/4000K/5000K | Max 100W     | Max 12,000 lm | 120 lm/W |

## BLS-UTWP UTILTIY WALL PACK

The BLS-UTWP series is the wall pack that combines the dimensions of traditional wall packs with modern aesthetics. Its ultra-thin design meets the low-budget requirements of customers while providing excellent lighting service. UV-resistant polycarbonate lenses and durable glass lenses are available options. Additionally, the BLS-UTWP allows on-site adjustment of light output and color temperature, and has multi-functionality such as photocell control and emergency lighting.

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** Rugged cast-aluminum housing with bronze polyester powder paint for outdoor applications. The housing is completely sealed, providing excellent protection against moisture and environmental contaminants.

**Lens:** UV stabilized polycarbonate and glass are both available for the optic lens, the professional prismatic design offers a good light distribution control and guarantees the uniformity.

**CRI:** 70/80

**Voltage:** 120-277V

**Dimming:** 0-10V dimming and dimming range from 10%-100%

**Controls:** Optional Photocell and Emergency Battery available.

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F). Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

**Power Factor:** > 0.90, THD <15%

**Listings:** cULus, IP66, Suitable for Wet location

**Warranty:** 5 year warranty



40W  
Dimensions:  
8.78" x 10.5 "x 4.5"

90W  
Dimensions:  
13.09" x 9.27 "x 4.43"

120W  
Dimensions:  
18" x 9.75 "x 4.5"

### ORDERING GUIDE

| MODEL    | WATTAGE  | VOLTAGE      | CCT                              | FINISH        | PHOTOCELL                  | EMERGENCY BATTERY               | CCT & POWER ADJUSTABLE  | LENS               | INTERNAL CODE      |
|----------|----------|--------------|----------------------------------|---------------|----------------------------|---------------------------------|-------------------------|--------------------|--------------------|
| BLS-UTWP | 40 40W   | 27V 120-277V | ADJ Adjustable Color Temperature | D Dark Bronze | P With switch photocontrol | B Emergency Battery             | AD With Adjustable Dial | C Plastic Diffuser | Blank Alphanumeric |
|          | 90 90W   |              |                                  |               |                            | BLANK Without Emergency Battery |                         | G Glass Diffuser   |                    |
|          | 120 120W |              |                                  |               |                            |                                 |                         |                    |                    |

### POWER AND CCT ADJUSTABLE

| MODEL        | CCT SELECT        | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|--------------|-------------------|--------------|---------------|----------|
| BLS-UTWP-40  | 3000K/4000K/5000K | Max 40W      | Max 5,800 lm  | 163 lm/W |
| BLS-UTWP-90  | 3000K/4000K/5000K | Max 90W      | Max 12,500 lm | 165 lm/W |
| BLS-UTWP-120 | 3000K/4000K/5000K | Max 120W     | Max 16,500 lm | 170 lm/W |

## BLS-FCW FULL CUTOFF WALL PACK

The BLS-FCW Full Cutoff Wall Pack is a high performance fixture offering both durability and style featuring a slimline design. BLS-FCW has on-site dimmable output and CCT settings, allowing the contractor to set the lumen value and CCT of the fixture at the installation site to a level that is perfectly suitable for the work site. The thin shape of the BLS-FCW series was designed for applications such as factories, warehouses, self storage, commercial buildings, entrances and walkways.

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** Two-piece die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber. Suitable for applications requiring 3G vibration test according to ANSI C136.31.

**Lens:** Anti-UV prismatic translucent lens is designed to shape the light distribution and uniformity.

**CRI:** 70

**Voltage:** 120-277V or 347-480V

**Dimming:** 0-10V Dimmable

**Controls:** Optional Photocell and Emergency Battery available.

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F). Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

**Power Factor:** > 0.90, THD <20%

**Listings:** cULus, IP66, Suitable for Wet location, RoHS compliant, Meets LM-79 LM-80 Standards. DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: [www.designlights.org](http://www.designlights.org).

**Warranty:** 5 year warranty



Large Size:  
For 100W CCT dial  
Dimensions:  
13.2" x 9.6" x 5.0"

Small size:  
For 38W,65W CCT dial  
Dimensions:  
13.2" x 9.6" x 3.8"

### ORDERING GUIDE

| MODEL   | WATTAGE  | VOLTAGE                 | CCT   | FINISH          | PHOTOCELL               | EMERGENCY BATTERY               | CCT & POWER ADJUSTABLE          |
|---------|----------|-------------------------|---|-----------------|-------------------------|---------------------------------|---------------------------------|
| BLS-FCW | 38 38W   | 1 120-277V              | ADJ <sup>1</sup> Adjustable Color Temperature | D Dark Bronze   | PC 120-277V             | BB <sup>3</sup> Battery Back-Up | AD <sup>1</sup> Adjustable Dial |
|         | 65 65W   | 2 <sup>2</sup> 347-480V | 40K 4000K                                     | CC Custom Color | BLANK Without Photocell | BLANK Without Battery Backup    | BLANK Without Adjustable Dial   |
|         | 100 100W |                         | 50K 5000K                                     |                 |                         |                                 |                                 |

Note:

1. CCT adjustable(3000K/4000K/5000K).
2. Only 65W and 100W optional for 347-480V.
3. 100W model not compatible with battery back-up.

### POWER AND CCT ADJUSTABLE

| MODEL       | CCT SELECT        | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|-------------|-------------------|--------------|---------------|----------|
| BLS-FCW-38  | 3000K/4000K/5000K | Max 38W      | Max 6,000 lm  | 175 lm/W |
| BLS-FCW-65  | 3000K/4000K/5000K | Max 65W      | Max 10,000 lm | 250 lm/W |
| BLS-FCW-100 | 3000K/4000K/5000K | Max 100W     | Max 15,500 lm | 250 lm/W |

## BLS-WP WALL PACK

The modern style BLS-WP Wall Pack is available in two watts for a variety of applications including building perimeter, entrances, stairways and security lighting. The Slim wall pack provides a low-profile architectural style with the power of bright, energy efficient LEDs. It has a rugged aluminum construction with multi-mount capabilities. 0° to 90° tilt adjustments.



Small Size:  
40W  
Dimensions:  
7.29" x 9.13" x 4.2"

Medium size:  
80W  
Dimensions:  
10" x 11" x 5"

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** Rugged cast-aluminum housing with bronze powder paint for outdoor applications.

**Lens:** Tempered UV coated flat lens provide outstanding performance, uniformity and glare control.

**CRI:** 70

**Voltage:** 120-277V

**Dimming:** 0-10V dimming and dimming range from 10%-100%

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F). Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

**Power Factor:** > 0.90, THD <20%

**Listings:** cULus wet location listed

**Warranty:** 5 year warranty

### ORDERING GUIDE

| MODEL  | WATTAGE | VOLTAGE    | CCT                              | FINISH        | PHOTOCELL               | CCT & POWER ADJUSTABLE |
|--------|---------|------------|----------------------------------|---------------|-------------------------|------------------------|
| BLS-WP | 40 40W  | 1 120-277V | DDK Adjustable Color Temperature | D Dark Bronze | PC with Photocell       | AD Adjustable Dial     |
|        | 80 80W  |            |                                  |               | BLANK Without Photocell |                        |

### POWER AND CCT ADJUSTABLE

| MODEL     | CCT SELECT        | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|-----------|-------------------|--------------|---------------|----------|
| BLS-WP-40 | 3000K/4000K/5000K | Max 40W      | Max 5,800 lm  | 145 lm/W |
| BLS-WP-80 | 3000K/4000K/5000K | Max 80W      | Max 11,500 lm | 144 lm/W |

## BLS-FLD FLOOD LIGHT

BLS-FLD Flood Light low-profile and stylish exterior design can be well integrated into various architectural environments. Available in four sizes and multiple lumen packages from 15W-120W, this product also achieve up to 150lm/W efficiency. Reliable IP65 structural design, BLS-FLD is very suitable for general flood lighting of courtyards, driveways, buildings, signage, flag poles and billboards.

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** Die-cast aluminum optimize the best heat dissipation management as the main part of the fixture, which effectively improves the LED efficiency. Durable surface coating powder spraying and fully sealed tempered glass can extend the durability of the fixture.

**Lens:** The heat-resistant and impact-resistant toughened glass maximizes light extraction while obtaining a great night appearance.

**Installation:** 1/2" NPS Knuckle, Slipfitter, Trunnion and Yoke are all available.

**Controls:** Photocell optional

**CRI:** 70

**Voltage:** 120-277V

**Optics:** NEMA Type 7 (7H x7V)

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F).Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

**Power Factor:** > 0.90, THD <20%

**Listings:** cULus, IP66, Suitable for Wet location, RoHS compliant, Meets LM-79 LM-80 Standards. DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: [www.designlights.org](http://www.designlights.org).

**Warranty:** 5 year warranty



### ORDERING GUIDE

| MODEL   | WATTAGE                 | VOLTAGE    | CCT                              | FINISH                            | PHOTOCELL                | MOUNTING  | NEMA      |
|---------|-------------------------|------------|----------------------------------|-----------------------------------|--------------------------|---|-----------|
| BLS-FLD | 27 27W, 20W, 15W, 11W   | 1 120-277V | ADJ Adjustable Color Temperature | D Dark Bronze<br>CC Custom Color* | PC <sup>1</sup> 120-277V | TR <sup>2</sup> Trunnion<br>KN <sup>2</sup> Knuckle<br>YK <sup>3</sup> Yoke<br>SP <sup>3</sup> Slipfitter | B77 7Hx7V |
|         | 65 65W, 54W, 41W, 27W   |            |                                  |                                   |                          |   |           |
|         | 120 120W, 98W, 71W, 52W |            |                                  |                                   |                          |   |           |

Note:

1. PC 120-277V Included with Cap if not needed
2. 27W, 65W only suitable for knuckle and trunnion.
3. 120W only suitable for slipfitter and yoke

### POWER AND CCT ADJUSTABLE

| MODEL       | CCT SELECT        | POWER SELECT | LIGHT OUTPUT | EFFICACY |
|-------------|-------------------|--------------|--------------|----------|
| BLS-FLD-27  | 3000K/4000K/5000K | Max 27W      | 3,800 lm     | 141 lm/W |
| BLS-FLD-65  | 3000K/4000K/5000K | Max 65W      | 9,700 lm     | 149 lm/W |
| BLS-FLD-120 | 3000K/4000K/5000K | Max 120W     | 19,000 lm    | 158 lm/W |



## BLS-MID LED POST-TOP

The BLS-MID is designed to enhance nighttime pedestrian lighting while serving as an eye-catching design element in the landscape during the day. Unlike traditional Post Top fixtures, the BLS-MID prioritizes budget efficiency without compromising on functionality. It features adjustable color temperatures of 3000K, 4000K, and 5000K, as well as four levels of adjustable lumens.

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Distribution:** Available in Type III, IV and V

**Construction:** Cast aluminum housing allows a thermally conductive connection to the LED panel and electrical chamber with corrosion-resistant powder coating.

**Controls:** Dusk-to-dawn light control, easily switch on and off integrated Photocell for optimal management.

**Voltage:** 120-277V or 347-480V

**Dimming:** 0-10V Dimmable

**Lifespan:** Estimated 100,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F).Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

**Listings:** cULus, suitable for Wet locations.

**Warranty:** 5 year warranty



Dimensions:  
24" x Ø18"

### ORDERING GUIDE

| MODEL   | WATTAGE               | VOLTAGE      | CCT                              | FINISH          | PHOTOCELL                            | SENSOR                | CCT AND POWER ADJUSTABLE | MOUNTING                     | PHOTOMETRY             |
|---------|-----------------------|--------------|----------------------------------|-----------------|--------------------------------------|-----------------------|--------------------------|------------------------------|------------------------|
| BLS-MID | 90W 90                | 34V 120-347V | DDK Adjustable Color Temperature | D Dark Bronze   | P With Photocell                     | M with Sensor         | AD With Adjustment Dial  | Blank Pole Mount             | FD Frosted Diffuser    |
|         | 130W 130              | 48V 277-480V |                                  | B Black         | BLANK <sup>2</sup> Without Photocell | BLANK With-out Sensor |                          | WM Wall Mount                | PD Prismatic Diffuser  |
|         | 160W 160              |              |                                  | W White         |                                      |                       |                          | GM Gooseneck Mount           | AT T3/T4/T5 Adjustable |
|         | 200W <sup>1</sup> 200 |              |                                  | SG Silvery Grey |                                      |                       |                          | SQ Square & Round Pole Mount |                        |
|         |                       |              |                                  |                 |                                      |                       | CM Conduit Pendant       |                              |                        |
|         |                       |              |                                  |                 |                                      |                       | SM Surface Mount         |                              |                        |

Notes:

1. 200W only suit for Conduit pendant, Gooseneck mount, Wall mount, square/round Pole Mount and Surface mount.
2. Photocell is not suitable for Conduit pendant, Gooseneck mount, and Surface mount.



## BLS-CAR LED CARRIAGE POST-TOP

The BLS-CAR Carriage Post-Top is a traditional decorative fixture for outdoor lighting that's reminiscent of early American style. Available with glass, polycarbonate or no lens options.

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** Die cast aluminum housing and front frame with black powder coat finish over a chromate conversion coating. Housing features an integrated heat sink and driver compartment built into the fixture design.

**Lens:** Glass or Frosted Glass

**Voltage:** 120-277V

**Lifespan:** Estimated 50,000 Hour

**Operating Temperature:** -40°C to 45°C (-40°F - + 113°F)

**Listings:** IP65

**Warranty:** 5 year warranty



Dimensions:  
13.8 x 13.8" x 25"

### ORDERING GUIDE

| MODEL   | STYLE  | WATTAGE                         | FINISH          | DISTRIBUTION | VOLTAGE    | CCT                     | LENS                    | TENON     | OPTIONS       |
|---------|--------|---------------------------------|-----------------|--------------|------------|-------------------------|-------------------------|-----------|---------------|
| BLS-CAR | YTP350 | 60 60W, 50W, 30W <sup>1</sup>   | B Black         | T5 Type V    | 1 120-277V | ADJ 3000K, 4000K, 5000K | C2 Glass                | Z2 2 3/8" | PC1 Photocell |
|         |        | 100 100W, 60W, 30W <sup>1</sup> | CC Custom Color |              |            |                         | C3 Frosted Glass        | Z3 3"     |               |
|         |        |                                 |                 |              |            |                         | NL No Lens <sup>2</sup> |           |               |

Note:  
1. Power Adjustable  
2. Required for Dark Skies compliant fixture

### POWER AND CCT ADJUSTABLE

| MODEL       | CCT SELECT        | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|-------------|-------------------|--------------|---------------|----------|
| BLS-CAR-60  | 3000K/4000K/5000K | Max 60W      | Max 6,300 lm  | 105 lm/W |
| BLS-CAR-100 | 3000K/4000K/5000K | Max 100W     | Max 10,500 lm | 104 lm/W |

## BLS-BOL LED BOLLARD

The Baseline Bollard BLS-BOL is a traditional round appearance for good decorative effect, sized in 3.5ft height. Robust ground cage pre-buried installation. The BLS-BOL is suitable for building entry ways, walking paths and pedestrian plazas, as well as any other location requiring a low-mounting-height light source.

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** Extruded aluminum housing allows a thermally conductive connection to the LED panel and electrical chamber with corrosion-resistant powder coating.

**Lens:** Vandal/ Impact Resistant Polycarbonate, Anti-UV prismatic translucent lens is designed to shape the light distribution and uniformity.

**CRI:** 80

**Voltage:** 120-277V

**Dimming:** 0-10V Dimmable

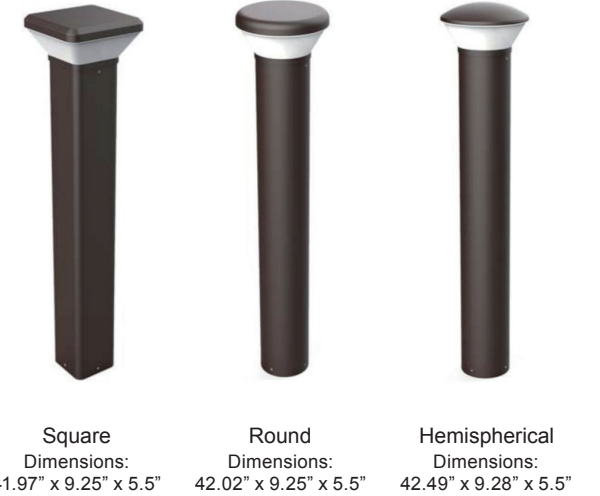
**Controls:** Optional Emergency Battery available.

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F). Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

**Listings:** cULus, IP65, Suitable for Wet location.

**Warranty:** 5 year warranty



Square  
Dimensions:  
41.97" x 9.25" x 5.5"

Round  
Dimensions:  
42.02" x 9.25" x 5.5"

Hemispherical  
Dimensions:  
42.49" x 9.28" x 5.5"

### ORDERING GUIDE

| MODEL   | STRUCTURE       | WATTAGE | VOLTAGE    | CCT      | FINISH          | EMERGENCY BATTERY             |
|---------|-----------------|---------|------------|----------|-----------------|-------------------------------|
| BLS-BOL | S Square        | 26 26W  | 1 120-277V | 30 3000K | D Dark Bronze   | BB Battery Back-Up            |
|         | R Round         |         |            | 40 4000K | CC Custom Color | BLANK Without Battery Back-Up |
|         | H Hemispherical |         |            | 50 5000K |                 |                               |

### POWER AND CCT ADJUSTABLE

| MODEL      | CCT SELECT        | POWER SELECT | LIGHT OUTPUT | EFFICACY |
|------------|-------------------|--------------|--------------|----------|
| BLS-BOL-26 | 3000K/4000K/5000K | Max 24W      | Max 3,200 lm | 123 lm/W |

## BLS-CAN LED CANOPY

BLS-CAN, is a cost-effective, energy-saving LED light fixture for surface mount applications in commercial buildings, retail, and educational facilities. The precision-designed optical lens reduces glare, improves optical performance and provides comfortable lighting effects. The BLS-CAN is equipped with an external quick-mounting plate suitable for standard J-BOX mount and also compatible with 3/4" pendant mount, with 1/2" knock-out holes reserved on three sides, suitable for surface conduit wiring installation.



Dimensions:  
9.5" x 9.5" x 3"

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** One-piece die-cast aluminum housing allows a thermally conductive connection to the LED panel and electrical chamber with corrosion-resistant powder coating.

**Lens:** Vandal/ Impact Resistant Polycarbonate, Anti-UV prismatic translucent lens is designed to shape the light distribution and uniformity.

**CRI:** 70

**Voltage:** Universal 120-277 input voltage

**Dimming:** 0-10V Dimmable

**Controls:** Optional PIR Sensor and Emergency Battery available.

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F). Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

**Power Factor:** > 0.90, THD <20%

**Listings:** cULus, IP66, Suitable for Wet location, RoHS compliant, Meets LM-79 LM-80 Standards. DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: [www.designlights.org](http://www.designlights.org).

**Warranty:** 5 year warranty

### ORDERING GUIDE

| MODEL   | WATTAGE               | VOLTAGE    | CCT   | FINISH          | SENSOR                      | EMERGENCY BATTERY            | PHOTOCELL               | CCT & POWER ADJUSTABLE          |
|---------|-----------------------|------------|---|-----------------|-----------------------------|------------------------------|-------------------------|---------------------------------|
| BLS-CAN | 60 60W, 48W, 36W, 25W | 1 120-277V | ADJ <sup>1</sup> Adjustable Color Temperature | D Dark Bronze   | M Motion Sensor             | BB Battery Back-Up           | PC 120-277V             | AD <sup>1</sup> Adjustable Dial |
|         |                       |            |   | CC Custom Color | P PIR External Sensor       | BLANK Without Battery Backup | BLANK Without Photocell |                                 |
|         |                       |            |   |                 | BLANK Without Motion Sensor |                              |                         |                                 |

Note 1. CCT and power adjustable.

### POWER AND CCT ADJUSTABLE

| MODEL      | CCT SELECT        | POWER SELECT | LIGHT OUTPUT | EFFICACY |
|------------|-------------------|--------------|--------------|----------|
| BLS-CAN-60 | 3000K/4000K/5000K | Max 60W      | Max 8,400 lm | 140 lm/W |



## BLS-CHB Circular High Bay

The BLS-CHB is a compact, round, budget-friendly high bay that combines great performance with premium aesthetics. The stylish exterior design is very adaptable and can be seamlessly integrated into various environments without being obtrusive. The unique structural design provides maximum durability and reliability, while supporting hook, pendant, and surface three installation methods, replacing MH up to 1000W. Each model supports color temperature adjustment, and 4 positions wattage regulation, reducing product stocking budgets.



100W & 150W  
Dimensions:  
Ø10.7" x 6"



210W & 230W  
Dimensions:  
Ø14.1" x 6.3"

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** Corrosion-resistant powder coating that provides protection and architectural appearance while adapting well to the environment.

**Lens:** Anti-UV prismatic translucent lens is designed to shape the light distribution and uniformity.

**CRI:** 80

**Voltage:** Universal 120-277V or 120-347V or 347-480V input voltage.

**Dimming:** 0-10V Dimmable

**Controls:** Optional Emergency Battery, Bluetooth sensor or controller, Silvair Luminaire or Sharkward Luminaire control.

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 50°C (-40°F - + 122°F). Note: Operating with emergency battery temperature range: 5°C to 50°C (+41°F - + 122°F)

**Listings:** cULus, IP66, Suitable for Wet location,

**Warranty:** 5 year warranty

### ORDERING GUIDE

| MODEL   | WATTAGE                   | VOLTAGE      | CCT                              | FINISH        | SENSOR               | EMERGENCY BATTERY               | CCT AND POWER ADJUSTABLE | INTERNAL CODE                 |                    |
|---------|---------------------------|--------------|----------------------------------|---------------|----------------------|---------------------------------|--------------------------|-------------------------------|--------------------|
| BLS-CHB | 100 100W, 80W, 60W, 40W   | 27V 120-277V | DDK Adjustable Color Temperature | D Dark Bronze | M Sensor             | B Emergency Battery             | AD Adjustment Dial       | Blank                         |                    |
|         | 150 150W, 120W, 90W, 60W  | 34V 120-347V |                                  | B Black       | MS Silvair Sensor    | Blank Without Emergency Battery |                          | Blank Without Adjustment Dial | Alphanumeric       |
|         | 210 210W, 168W, 126W, 84W | 48V 347-480V |                                  | W White       | Blank Without Sensor |                                 |                          |                               | 2 with 2 CCTs Dial |
|         | 230 230W, 184W, 138W, 92W |              |                                  |               |                      |                                 |                          |                               | 3 with 3 CCTs Dial |

### POWER AND CCT ADJUSTABLE

| MODEL       | CCT SELECT        | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|-------------|-------------------|--------------|---------------|----------|
| BLS-CHB-100 | 3000K/4000K/5000K | Max 100W     | Max 15,000 lm | 123 lm/W |
| BLS-CHB-150 | 3000K/4000K/5000K | Max 150W     | Max 24,000 lm | 160 lm/W |
| BLS-CHB-210 | 3000K/4000K/5000K | Max 210W     | Max 32,000 lm | 152 lm/W |
| BLS-CHB-230 | 3000K/4000K/5000K | Max 230W     | Max 36,000 lm | 157 lm/W |



## BLS-CHBHT Circular High Bay

High bay is the ideal light source for energy-efficient, low maintenance illumination in large spaces. Designed with durability and functionality in mind, the LED Circular High Bay lighting options are versatile and suited to satisfy most all long-term lighting needs. The BLS-CHBHT delivers ultra-high luminous flux for use in large indoor environments with a clearance of more than 30 feet. Its high luminous efficiency features cost savings for customers and is favored by customers compared with similar products. The BLS-CHBHT is ideal for industrial and manufacturing applications, and is your LED replacement for up to 1000W MH fixtures.



Dimensions:  
Ø24.25" x 7.47"

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** 5000K color temperatures.

**Construction:** Durable, die-cast aluminum housing with heat dissipating fins. Dark bronze polyester powder-coat finish.

**Mounting:** 3/4" Conduit pendant, Hook mounting.

**Lens:** 120 degree lens guarantees light intensity and light uniformity.

**Voltage:** Universal 120-277V or 347-480V input voltage.

**Dimming:** 0-10V Dimmable

**Controls:** Optional PIR Sensor or Bluetooth Smart Control Sensor. Optional Wattage Adjustment Dial.

**Lifespan:** Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** Operating temperature is -40°C (-40°F) to 55°C (131°F) when wattage is above 300W (Max. 65°C (149°F) for 300W and below).

**Listings:** cULus, IP66, Suitable for Wet location

**Warranty:** 5 year warranty

### ORDERING GUIDE

| MODEL     | WATTAGE  | VOLTAGE      | CCT      | FINISH        | SENSOR               | ADJUSTMENT DIAL               | SURGE PROTECTION               | INTERNAL CODE |
|-----------|----------|--------------|----------|---------------|----------------------|-------------------------------|--------------------------------|---------------|
| BLS-CHBHT | 350 350W | 27V 120-277V | 50 5000K | D Dark Bronze | M Sensor             | AD Adjustment Dial            | S Surge Protection             | Blank         |
|           | 410 410W | 48V 347-480V |          |               | Blank Without Sensor | Blank Without Adjustment Dial | Blank Without Surge Protection | Alphanumeric  |

### PERFORMANCE DATA

| MODEL         | K-TEMP | WATTAGE  | LIGHT OUTPUT  | EFFICACY |
|---------------|--------|----------|---------------|----------|
| BLS-CHBHT-350 | 5000K  | Max 350W | Max 62,000 lm | 177 lm/W |
| BLS-CHBHT-410 | 5000K  | Max 410W | Max 72,000 lm | 176 lm/W |

## BLS-DTD DUSK TO DAWN

The BLS-DTD offer traditional Dusk to Dawn features with softened edges for a versatile look that complements many applications. Supports adjustable color temperature and power that meets your lighting needs. High-performance, energy efficient solution for local, collector and major roadways, the BLS-DTD uses breakthrough LEDs and precision-engineered optics to provide exceptional illumination while also saving energy.



Dimensions: 14.2" x 7.9" x 7.6"

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures.

**Construction:** Durable, die-cast aluminum housing silver gray polyester powder-coat finish. Dusk-to-dawn Photocell is included.

**Mounting:** Mounts directly to wall surface or to pole with mounting arm (accessory sold separately)

**Lens:** The heat-resistant and impact-resistant toughened glass maximizes light extraction while obtaining a great night appearance.

**Installation:** 1/2" NPS Knuckle, Slipfitter, Trunnion and Yoke are all available.

**Controls:** Photocell optional

**CRI:** 70

**Voltage:** 120-277V

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F).

**Power Factor:** > 0.90, THD <20%

**Listings:**UL cUL wet location listed

**Warranty:** 5 year warranty

### ORDERING GUIDE

| MODEL   | WATTAGE               | VOLTAGE      | CCT                              | FINISH         | PHOTOCELL                  | CCT & POWER ADJUSTABLE  |
|---------|-----------------------|--------------|----------------------------------|----------------|----------------------------|-------------------------|
| BLS-DTD | 65 65W, 52W, 39W, 26W | 27V 120-277V | DDK Adjustable Color Temperature | SG Silver Gray | PO With 120-277V Photocell | AD with Adjustable Dial |
|         | 80 80W, 64W, 48W, 32W |              |                                  |                |                            |                         |

### OPTIONS AND ACCESSORIES

MA Mast Arm

### POWER AND CCT ADJUSTABLE

| MODEL      | CCT SELECT        | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|------------|-------------------|--------------|---------------|----------|
| BLS-DTD-65 | 3000K/4000K/5000K | Max 60W      | Max 6,200 lm  | 138 lm/W |
| BLS-DTD-80 | 3000K/4000K/5000K | Max 80W      | Max 12,200 lm | 250 lm/W |



## BLS-GSC Gas Station Canopy

The BLS-GSC Gas Station Canopy Light is an ideal solution for budget-friendly, canopy lighting. It can be used in commercial buildings, parking lot structures, gas stations, secure entryways, exterior canopies and many other applications. When replacing up to 400W MH, it can save about 86% of energy. Excellent heat dissipation structure design features and precision optical design provide a good lighting effect with a lifetime of up to 50,000 hours accompanied by excellent optical performance.

### SPECIFICATIONS FEATURES

**Color Temperature:** 5000K

**Construction:** Die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber. With corrosion-resistant powder coating that provides protection and architectural appearance while adapting well to the indoor and outdoor environment.

**Lens:** Tempered glass lens is designed for excellent light output and uniformity

**Voltage:** Universal 120-277 VAC

**Optional for wattage selectable:** 100%,80%,60%,40%

**CRI:** 70

**Dimming:** 0-10V dimming for 10% to 100%

**Controls:** Optional Motion Sensor and Emergency Battery available

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations

**Operating Temperature:** -40°C to 50°C (-40°F - + 122°F)

**Power Factor:** > 0.90, THD <20%

**Listings:** UL cUL wet location listed

**Warranty:** 5 year warranty

*NOTE- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C ) specifications subject to change without notice.*



Dimensions:  
15.75" x 15.75 x 8.78"

### ORDERING GUIDE

| MODEL   | WATTAGE  | VOLTAGE      | CCT       | FINISH  | LENS              | CONTROL  |
|---------|----------|--------------|-----------|---------|-------------------|--|
| BLS-GSC | 100 100W | 27V 120-277V | 50K 5000K | W White | CD Clear Diffuser | BLANK Without Control  |
|         | 150 150W |              |           |         |                   | M With Sensor<br>AD With Adjustment Dial<br>MAD With Motion Sensor and Adjustment Dial |

## BLS-LHB2 Linear High Bay

The BLS-LHB2 ensures high energy efficiency, excellent light uniformity and long lifespan, aims to reduce the contractor's budget, making it an ideal choice for retrofit or new project installation. The compact structure design makes the installation of the fixture easier and faster. Each model supports CCT & Wattage Selectable, which improves the flexibility and convenience of on-site installation and significantly reduces stocking SKUs.

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 4000K & 5000K color temperatures.

**Construction:** One-piece die-cast aluminum housing.

**Lens:** Standard Semi-frosted acrylic with Prismatic acrylic and Frosted acrylic available.

**Installation:** Steel wire rope standard, pendant or surface mounting available.

**Controls:** Optional PIR Sensor or Bluetooth Smart Control Sensor available.

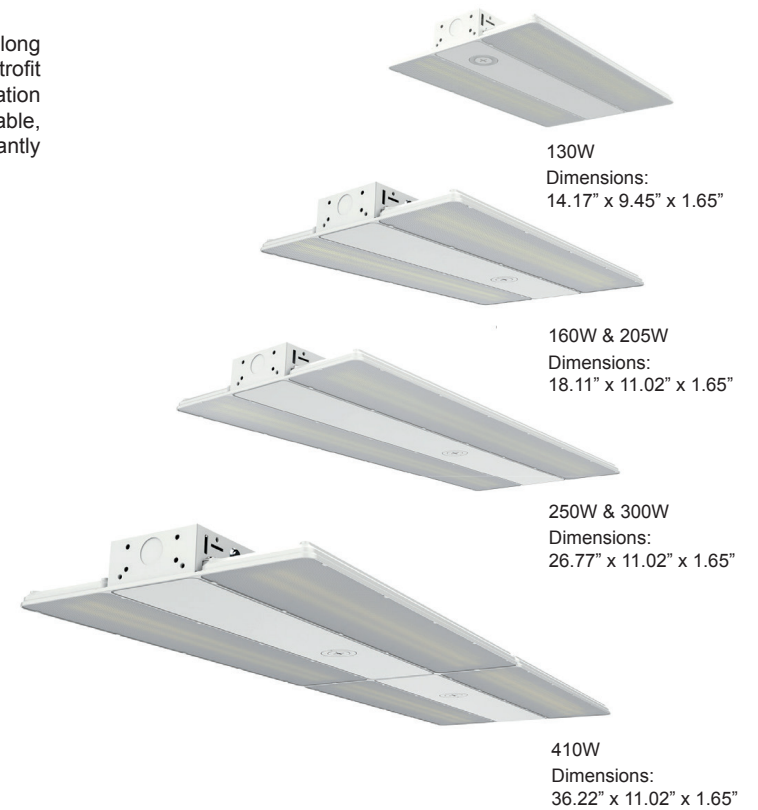
**Voltage:** 120-277V & 347-480V

**Lifespan:** Estimated 50,000 Hour based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -40°C (-40°F) to 50°C (122°F)

**Listings:** cULus, Suitable for Damp location

**Warranty:** 5 year warranty



130W  
Dimensions:  
14.17" x 9.45" x 1.65"

160W & 205W  
Dimensions:  
18.11" x 11.02" x 1.65"

250W & 300W  
Dimensions:  
26.77" x 11.02" x 1.65"

410W  
Dimensions:  
36.22" x 11.02" x 1.65"

### ORDERING GUIDE

| MODEL    | WATTAGE                    | VOLTAGE      | CCT            | FINISH  | LENS   | SENSOR                         | EMERGENCY BATTERY                         | INTERNAL CODE |
|----------|----------------------------|--------------|----------------|---------|--|--------------------------------|---|---------------|
| BLS-LHB2 | 130 130W, 104W, 78W, 52W   | 27V 120-277V | DDK Adjustable | W White | PD Prismatic Diffuser<br>AL Aisle Lens<br>ND Narrow Lens | M With Sensor<br>Blank Without | B With Emergency Battery<br>Blank Without | Blank         |
|          | 160 160W, 128W, 96W, 64W   |              |                |         |  |                                |   | Alphanumeric  |
|          | 205 205W, 164W, 123W, 82W  |              |                |         |  |                                |   |               |
|          | 250 250W, 200W, 150W, 100W |              |                |         |  |                                |   |               |
|          | 300 300W, 240W, 180W, 120W |              |                |         |  |                                |   |               |
|          | 410 410W, 328W, 246W, 164W |              |                |         |  |                                |   |               |

### PERFORMANCE DATA

| MODEL        | CCT SELECT  | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|--------------|-------------|--------------|---------------|----------|
| BLS-LHB2-130 | 4000K/5000K | Max 130W     | Max 18,500 lm | 142 lm/W |
| BLS-LHB2-160 | 4000K/5000K | Max 160W     | Max 24,100 lm | 151 lm/W |
| BLS-LHB2-205 | 4000K/5000K | Max 205W     | Max 30,500 lm | 149 lm/W |
| BLS-LHB2-250 | 4000K/5000K | Max 250W     | Max 36,100 lm | 144 lm/W |
| BLS-LHB2-300 | 4000K/5000K | Max 300W     | Max 42,000 lm | 140 lm/W |
| BLS-LHB2-410 | 4000K/5000K | Max 410W     | Max 60,600 lm | 148 lm/W |



## BLS-VTLS VAPOR TIGHT LINEAR SERIES

The BLS-VTLS Vapor Tight fixture is built to endure challenging environments and comes in both 4ft and 8ft sizes. Its housing is crafted from high-quality, pure PC material, ensuring outstanding stability and durability. Additionally, it features a stainless steel clip for effortless assembly and installation. This fixture offers the convenience of lumens adjustment and color temperature customization within a single unit, thereby significantly reducing the need for various product variants. Optional features like Emergency Battery Back Up and sensors are also available.

### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 4000K & 5000K color temperatures.

**Construction:** Stainless steel clamp design, convenient assembly and separation of lamp body.

**Mounting:** Suspension and surface mount option

**Voltage:** 120-277V

**Dimming:** 0-10V Dimmable

**NEMA:** 4X approved

**Controls:** Optional motion sensor. Optional Emergency battery

**Lifespan:** Estimated 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

**Operating Temperature:** -30°C to 50°C

**Listings:** cULus, suitable for Wet locations. NEMA4X approve

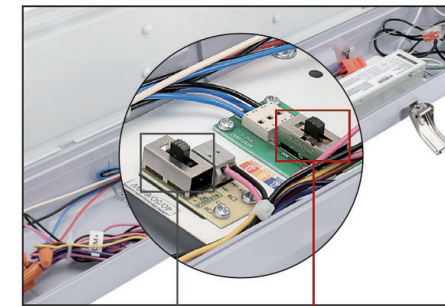
**Warranty:** 5 year warranty



4' (50W)  
Dimensions:  
47.3" x 5" x 3.7"

8' (90W)  
Dimensions:  
94.5" x 5" x 3.7"

### WATTAGE SELECTABLE



**WATTAGE SELECT**

● LV1 ● LV2 ● LV3

Each model supports 3 positions  
wattage regulation:  
LV1, LV2, LV3

**CCT SELECT**

3500K 4000K 5000K

Offer three CCT adjustable

### ORDERING GUIDE

| MODEL    | WATTAGE | VOLTAGE    | CCT                              | FINISH   | SENSOR                      | EMERGENCY BATTERY            | LENS      | INTERNAL CODE      |
|----------|---------|------------|----------------------------------|----------|-----------------------------|------------------------------|-----------|--------------------|
| BLS-VTLS | 50 50W  | 1 120-277V | DDK Adjustable Color Temperature | WH White | M Motion Sensor             | BB Battery Back-Up           | F Frosted | Blank Alphanumeric |
|          | 90 90W  |            |                                  |          |                             |                              |           |                    |
|          |         |            |                                  |          | BLANK Without Motion Sensor | BLANK Without Battery Backup |           |                    |

### POWER AND CCT ADJUSTABLE

| MODEL       | CCT SELECT        | POWER SELECT | LIGHT OUTPUT  | EFFICACY |
|-------------|-------------------|--------------|---------------|----------|
| BLS-VTLS-50 | 3000K/4000K/5000K | Max 50W      | Max 7,000 lm  | 140 lm/W |
| BLS-VTLS-90 | 3000K/4000K/5000K | Max 90W      | Max 12,800 lm | 142 lm/W |



Versatile Applications for Warehouses, Gymnasiums, Locker Rooms, Outdoor Venues, Manufacturing, and Parking Garages





**BASELINE**  
BY LUMECON

**Order Today! 248-477-5009**  
sales@lumecon.com • www.lumecon.com

Copyright © 2025 Lumecon, LLC. All Rights Reserved. Note: Specifications, documentation, photometric data are subject to change at any time without notice. For current data including spec sheets, photometrics and related materials to any products, please see [www.lumecon.com](http://www.lumecon.com) Catalog/Baseline\_01122026