BASELINE

BY LUMECON

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

BASELINE
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DLC LISTED · CCT SELECTABLE · TAA COMPLIANT · 5 YEAR WARRANTY

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 tuneable 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.

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BLS-ARLM
AREA LIGHT

he 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).

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

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

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 for details.

Warranty: 5 year warranty

ORDERING GUIDE

MODEL	WATTAGE	VOLTAGE	CCT	FINISH	PHOTOCELL	SENSOR	MOUNTING	DISTRIBUTION	CCT & POWER ADJUSTABLE
BLS-ARLM	**100** 100, 80, 60, 40	**1** 120-277V	**DDK¹** Adjustable Color Temperature	**D** Dark Bronze	**PC1** 3 Pin 120V-227V	**OC1** 120V-227V	**AM** Arm Mount Square/Round	**T2** Type II	**AD¹** Adjustable Dial
	140 140, 120, 90, 60	**2** 347-480V		**CC** Custom Color	**PC2** 3 Pin 347V	**OC2** 120V-480V	**SF** Slipfitter	**T3** Type III	
	180 180, 144, 108, 72				**PC3** 3 Pin 480V	**BLANK** Without Sensor	**WM** Wall Mount	**T4** Type IV	
	300 300, 240, 180, 120				**PC4** 7 Pin 120V-227V		**YM** Yoke Mount	**T5** Type V	
	400 400, 320, 240, 160				**BLANK** Without Photocell		**AAM** Adjustable Arm Mount		

Note:
1. 400 is only 4000K, 5000K adjustable, other wattages are 3000K, 4000K and 5000K adjustable.

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

DLC LISTED PREMIUM   cULus LISTED   WET LOCATION   TAA COMPLIANT   5 YEAR WARRANTY

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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)

POWER	CCT
LV1	5KK
LV2	4KK
LV3	3KK
LV4	

POWER SELECTABLE

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.

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BLS-SLR
SPORTS AREA LIGHT

The BLS-SLR is a powerful stadium light designed with Remote Driver System. This Remote Driver System not only makes the fixture easy to install, greatly improves the flexibility of on-site installation, but also simplifies the driver maintenance operation steps to the greatest extent, eliminating the cost to take the bucket or crane basket equipment for maintenance. Precision engineered optics provide excellent high output and high efficiency, making them ideal solutions for municipal, school and semi-professional outdoor sports lighting.

Small Size:
500W & 600W
Dimensions:
20.8" x 16.9" x 26.9"

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 and 4Hx4V distributions.

Voltage: 200-480VAC or 120-277V or 347-480V.

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: 5 year warranty

Small Size:
500W
Dimensions:
20.8" x 16.9" x 26.9"

Large Size:
850W & 1200W
Dimensions:
23.8" x 19.7" x 29.8"

ORDERING GUIDE

MODEL	WATTAGE	VOLTAGE	CCT	FINISH	NEMA	MOUNTING	INTEGRATED CONTROL	INTERNAL CODE
BLS-SLR	**500** 500W	**27V** 120-277V	**40** 4000K	**B** Black	**B33** 3Hx3V	**TR** Trunnion	**C** With Integrated Control	**Blank**
	600 600W	**48V** 347-480V	**50** 5000K		**B44** 4Hx4V		**Blank** Without Integrated Control	**Alphanumeric**
	850 850W	**48V** 200-480V	**57** 5700K					
	1200 1200W		**RGB**[1]					

Note:
1. Only 500W optional for RGB and 120-277V or 347-480V input voltage.

SMALL SIZE

MODEL	CCT	POWER	LIGHT OUTPUT	EFFICACY
BLS-SLR-500	5000K	500W	70,000 lm	140 lm/W
BLS-SLR-600	5000K	600W	92,000 lm	153 lm/W

RGB

MODEL	RGB	POWER	LIGHT OUTPUT
BLS-SLR-500	Red	500W	12,000 lm
	Green	500W	10,000 lm
	Blue	500W	2,000 lm

LARGE SIZE

MODEL	CCT	POWER	LIGHT OUTPUT	EFFICACY
BLS-SLR-850	5000K	850W	120,000 lm	141 lm/W
BLS-SLR-1200	5000K	1200W	165,000 lm	138 lm/W

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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.

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

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: 5 year warranty

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

ORDERING GUIDE

MODEL	WATTAGE	VOLTAGE	CCT	FINISH	NEMA	MOUNTING	INTEGRATED CONTROL	INTERNAL CODE
BLS-SLSQ	**500** 500W	**27V** 120-277V	**40** 4000K	**B** Black	**B22** 2Hx2V	**TR** Trunnion	**C** With Integrated Control	**Blank**
	600 600W	**48V** 200-480V	**50** 5000K		**B33** 3Hx3V		**Blank** Without Integrated Control	**Alphanumeric**
	850 850W		**57** 5700K		**B44** 4Hx4V			
	1200 1200W				**B55** 5Hx5V[1]			
					B66 6Hx6V[1]			

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

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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.

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		**BLANK** Without Photocell	**BLANK** Without Battery Backup

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

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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.

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	**ADJ¹** Adjustable Color Temperature	**D** Dark Bronze	**PC** 120-277V	**BB³** Battery Back-Up	**AD¹** Adjustable Dial
	65 65W	**2²** 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

BASELINE

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

BASELINE

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.

27W
Dimensions:
8.51" x 6.78" x 1.85"

65W
Dimensions:
9.49" x 8.77" x 2"

120W
Dimensions:
18.36" x 10.49" x 3.3"

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.

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	**PC¹** 120-277V	**TR²** Trunnion	**B77** 7Hx7V
	65 65W, 54W, 41W, 27W			**CC** Custom Color*		**KN²** Knuckle	
	120 120W, 98W, 71W, 52W			*Minimum order of 100 for custom color		**YK³** Yoke	
						SP³ Slipfitter	

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

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BLS-FCPT
LED POST-TOP

The Baseline Full Cut-Off Post-Top is suitable for greenbelts, walking pathways and pedestrian plazas, as well as any other building perimeters requiring a proper light source. Suitable for installation heights of 8-20 ft.

Dimensions:
25" x Ø25.2"

SPECIFICATIONS FEATURES

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

Distribution: Available in Type V

Construction: 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.

Voltage: 120-277V or 347-480V

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)

Listings: cULus, suitable for Wet locations.
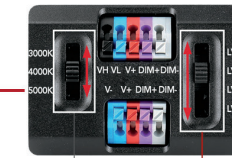
Warranty: 5 year warranty

ORDERING GUIDE

MODEL	WATTAGE	VOLTAGE	CCT	FINISH	PHOTOCELL	SENSOR	DIMMABLE
BLS-FCPT	**130W** 130W, 45W, 70W, 87W	**1** 120-277V	**DDK** Adjustable Color Temperature	**D** Dark Bronze	**PC** 120-277V	**M** with Sensor	**D** 1-10V
		2 347-480V		**CC** Custom Color	**BLANK** Without Photocell	**BLANK** Without Sensor	**BLANK** Without Dimmable

POWER AND CCT ADJUSTABLE

MODEL	CCT SELECT	POWER SELECT	LIGHT OUTPUT	EFFICACY
BLS-FCPT-130	3000K/4000K/5000K	Max 130W	Max 17,200 lm	132 lm/W

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STRUCTURAL DESIGN

CCT SELECT

| 3000K | 4000K | 5000K |

Offer three CCT adjustable

WATTAGE SELECT

| 45W | 70W | 87W | 130W |

Round Shed Light
Glow soft light down. Type V distribution

Light Pole Connector
Matching 2 3/8" or 3" diameter round pole. Rugged and durable against vibration.

Lamp Foot
Slim and elegant arc is both aesthetical and practical.
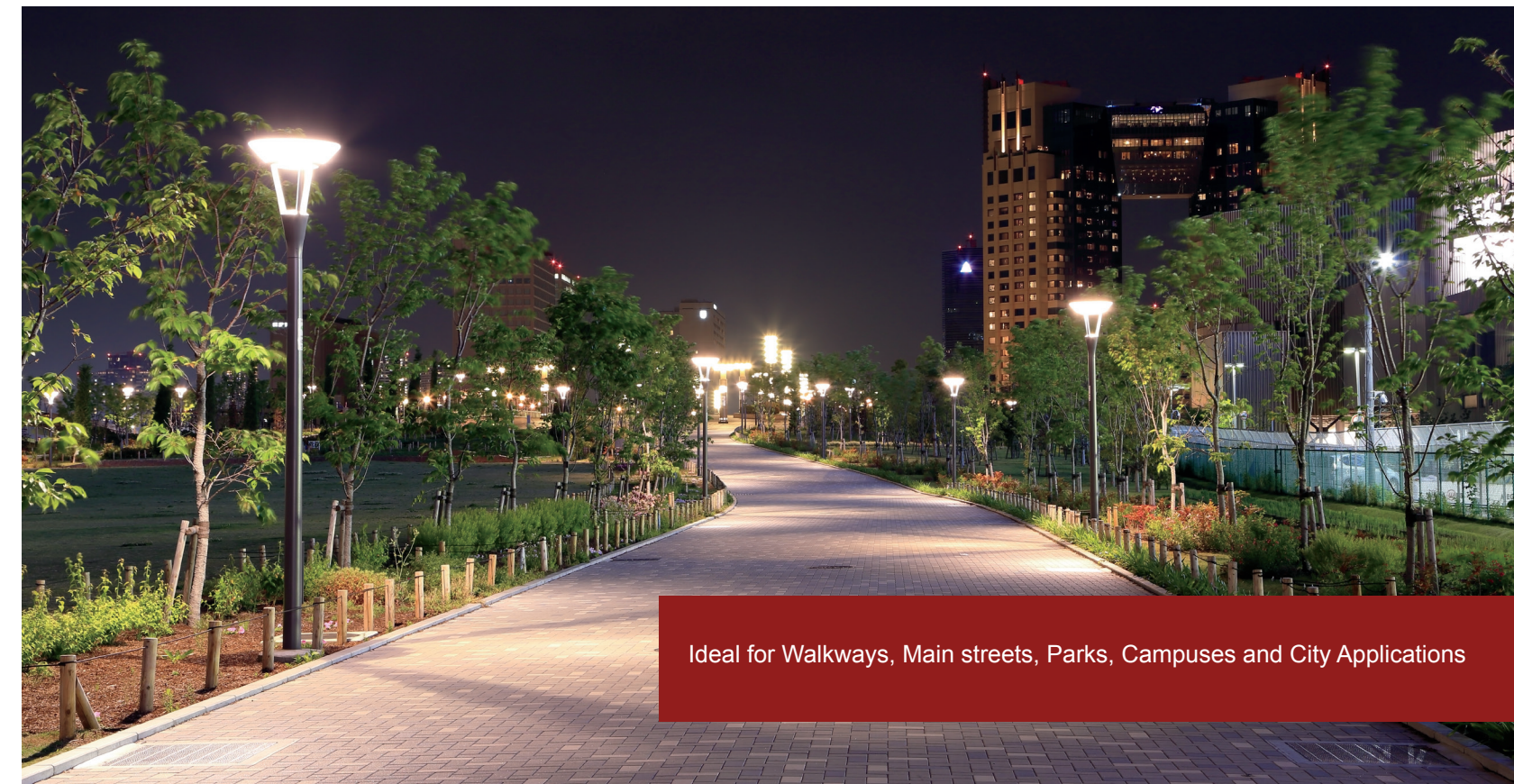
Ideal for Walkways, Main streets, Parks, Campuses and City Applications

DLC LISTED · c(UL)us LISTED · WET LOCATION · TAA COMPLIANT · 5 YEAR WARRANTY

BASELINE

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[1]	**B** Black	**T5** Type V	**1** 120-277V	**ADJ** 3000K, 4000K, 5000K	**C2** Glass	**Z2** 2 3/8"	**PC1** Photocell
		100 100W, 60W, 30W[1]	**CC** Custom Color				**C3** Frosted Glass	**Z3** 3"	
							NL No Lens[2]		

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

BASELINE

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

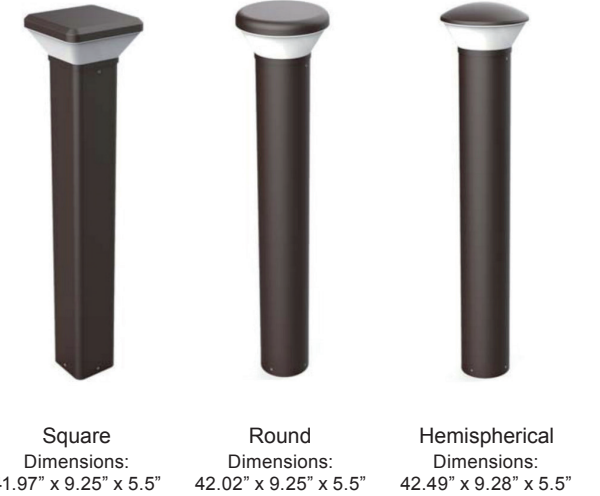**Voltage:** 120-277V

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

BASELINE

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.

Warranty: 5 year warranty

ORDERING GUIDE

MODEL	WATTAGE	VOLTAGE	CCT˙	FINISH	SENSOR	EMERGENCY BATTERY	PHOTOCELL	SURGE PROTECTION	CCT & POWER ADJUSTABLE
BLS-CAN	**60** 60W, 48W, 36W, 25W	**1** 120-277V	**ADJ¹** Adjustable Color Temperature	**D** Dark Bronze	**M** Motion Sensor	**BB** Battery Back-Up	**PC** 120-277V	**S** Surge Protection	**AD¹** Adjustable Dial
			CC Custom Color		**P** PIR External Sensor	**BLANK** Without Battery Backup	**BLANK** Without Photocell	**BLANK** Without Surge Protection	
					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

BASELINE

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, Bluetooh 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

BASELINE
BY LUMECON

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: 4000K & 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).
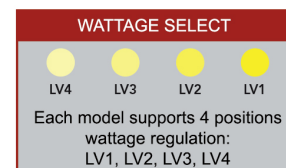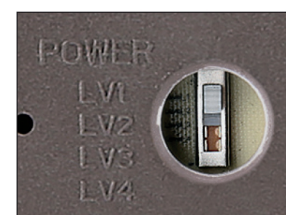
Listings: cULus, IP66, Suitable for Wet location

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	**40** 4000K	**D** Dark Bronze	**M** Sensor	**AD** Adjustment Dial	**S** Surge Protection	**Blank**
	410 410W	**48V** 347-480V	**50** 5000K	**B** Black	**Blank** Without Sensor	**Blank** Without Adjustment Dial	**Blank** Without Surge Protection	**Alphanumeric**
				W White				

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

BASELINE
BY LUMECON

WATTAGE SELECTABLE

POWER
LV1
LV2
LV3
LV4

WATTAGE SELECT

LV4 LV3 LV2 LV1

Each model supports 4 positions wattage regulation:
LV1, LV2, LV3, LV4

Install in 3-Seconds

Plug-and-Play Sensor (optional)
Sensor allows for security and energy savings
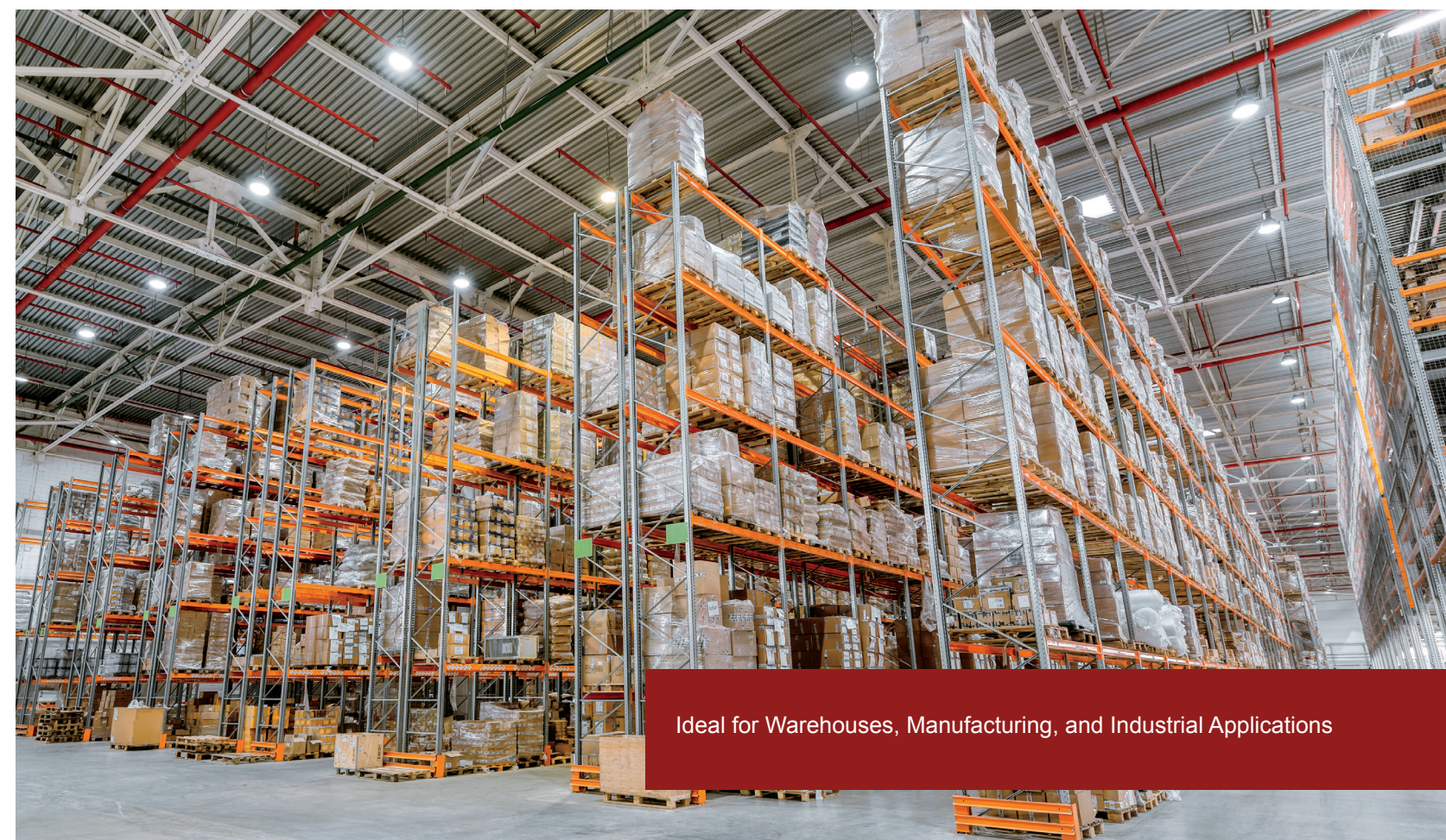
Ideal for Warehouses, Manufacturing, and Industrial Applications

DLC LISTED | c UL us LISTED | WET LOCATION | TAA COMPLIANT | 5 YEAR WARRANTY

18

BASELINE
BY LUMECON

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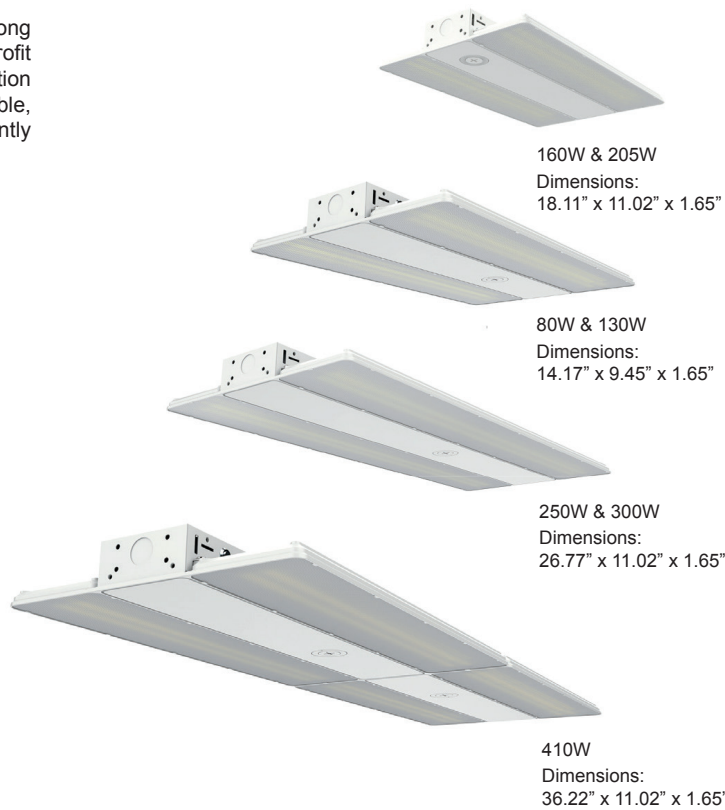
Voltage: 120-277V & 347-480V

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

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

80W & 130W
Dimensions:
14.17" x 9.45" 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	**80** 80W, 64W, 48W, 32W	**27V** 120-277V	**DDK** Adjustable	**W** White	**PD** Prismatic Diffuser	**M** With Sensor	**B** With Emergency Battery	**Blank**
	130 130W, 104W, 78W, 52W	**48V** 347-480V			**AL** Aisle Lens	**Blank** Without	**Blank** Without	**Alphanumeric**
	160 160W, 128W, 96W, 64W				**ND** Narrow Lens			
	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-LHB2-80	4000K/5000K	Max 80W	Max 12,100 lm	151 lm/W
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

BASELINE
BY LUMECON

BLS-LIN
LED LINEAR FIXTURE

BLS-LIN LED Linear Fixture is a visually comfortable light and best choice for replacing fluorescent lamps with high efficacy. Available for 4ft and 8ft applications. The BLS-LIN is suitable for commercial, retail and institutional applications including gymnasiums,factories and warehouses.

SPECIFICATIONS FEATURES

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

Housing: Easy installation, one-piece housing does not require additional accessories, more cost-effective.

Lens: Frosted acrylic

Mounting: Surface mounting or Chain mounting for different applications.

CRI: 80

Voltage: 120-277V & 347-480V

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).

Listings: cULus, Suitable for damp location. 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.

Warranty: 5 year warranty

4' (23W, 35W, & 45W)
Dimensions:
48" x 3.37" x 3.9"

8' (46W & 65W)
Dimensions:
96" x 3.37" x 3.9"

ORDERING GUIDE

MODEL	WATTAGE	VOLTAGE	CCT	SENSOR	EMERGENCY BATTERY	LENS
BLS-LIN-4	**23** 23W	**1** 120-277V	**40** 4000K	**M** Motion Sensor	**BB** Battery Back-Up	**F** Frosted Lens
	35 35W	**2** 347-480V	**50** 5000K	**BLANK** Without Motion Sensor	**BLANK** Without Battery Backup	
	45 45W					

MODEL	WATTAGE	VOLTAGE	CCT	SENSOR	EMERGENCY BATTERY	LENS
BLS-LIN-8	**46** 46W	**1** 120-277V	**40** 4000K	**M** Motion Sensor	**BB** Battery Back-Up	**F** Frosted Lens
	65 65W	**2** 347-480V	**50** 5000K	**BLANK** Without Motion Sensor	**BLANK** Without Battery Backup	

Note: The wattage is 80W when the voltage is 120-277V, while the voltage is 347/480V, the wattage is 85W.

PERFORMANCE DATA

MODEL	SIZE	CCT	POWER SELECT	LIGHT OUTPUT	EFFICACY
BLS-LIN-4-23	4'	4000K/5000K	Max 23W	Max 3,000 lm	130 lm/W
BLS-LIN-4-35	4'	4000K/5000K	Max 35W	Max 4,700 lm	134 lm/W
BLS-LIN-4-45	4'	4000K/5000K	Max 45W	Max 6,000 lm	133 lm/W
BLS-LIN-8-46	8'	4000K/5000K	Max 46W	Max 6,100 lm	134 lm/W
BLS-LIN-8-65	8'	4000K/5000K	Max 65W	Max 9,400 lm	134 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

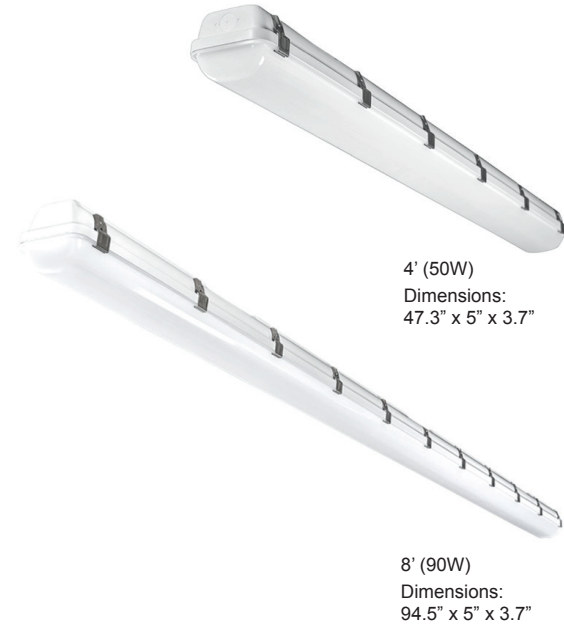**Dimming:** 0-10V Dimmable

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

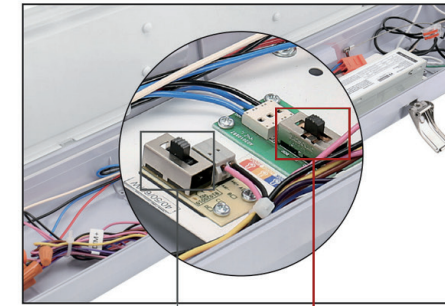**Listings:** cULus, suitable for Wet locations. NEMA4X approve

Warranty: 5 year warranty

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

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

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

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

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

cULus LISTED · WET LOCATION · TAA COMPLIANT · 5 YEAR WARRANTY

BASELINE
BY LUMECON