

# BayLine

## High Bay LED Luminaire

**LED** LIGHTING  
OF HOUSTON



US LED brings BayLine, a minimal sleek high bay option for commercial and retrofit applications. Its scalability, combined with multiple beam angle options, make BayLine the ideal choice for any lighting project. From narrow aisles to wide open areas, BayLine can light it all! Available in lumen packages ranging from 15,100 to 34,450 lumens with surface mount and suspended mounting capabilities.

### Features

- Capable of being surface mounted or suspended mounted
- Available in four beam angles: 30°, 60°, 90° & 120°
- Dimmable through 0-10V dimmer
- Optional passive infrared or microwave sensors available
- Ten-year warranty<sup>1</sup>

### Specifications

- Dimensions: 7" x 50" x 3"
- Units/Carton: 2
- Net Weight Per Fixture: 10 lbs.
- Environmental Rating: Dry

### Certifications

- UL Listed E338791
- DesignLights Consortium Qualified (UNVH Pending)
- DesignLights Consortium Qualified (Pending)

## Ordering Information

Series	Variant	Voltage	CCT	CRI	Flux Level	Lens	Dimmable
<b>BLN1</b>	<b>1</b>	<b>UNVL</b> - 120-277V <b>UNVH</b> - 347-480V	<b>50</b> - 5000K <sup>2</sup>	<b>70</b> - 70 Min	<b>B</b> - Basic <b>S</b> - Standard <b>M</b> - Medium <b>H</b> - High	<b>30</b> - 30° <b>60</b> - 60° <b>90</b> - 90° <b>120</b> - 120°	<b>N</b> - No <b>Y</b> - Yes <b>S0</b> - LGSN Sensor <sup>4</sup> <b>S1</b> - LSXR-610-ADC <sup>5</sup> <b>S2</b> - LSXR-650-ADC <sup>5</sup> <b>S3</b> - LSXR-4PK-ADC <sup>5</sup> <b>S4</b> - LSXR-610-ANL <sup>5</sup> <b>S5</b> - LSXR-650-ANL <sup>5</sup> <b>S6</b> - LSXR-4PK-ANL <sup>5</sup>

Example: BLN1-1-UNVL-50-70-B-30-N

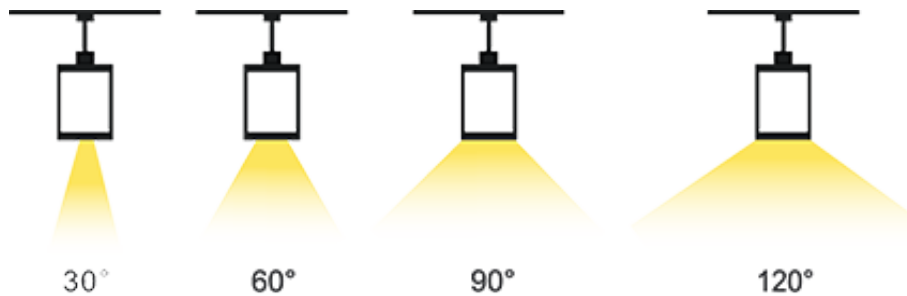
## Energy Data

Data Type	Base	Standard	Medium	High
Input Voltage (VAC)	120-277	120-277	120-277	120-277
System Level Power (W)	101	152	204	240
Delivered Lumens (Lm)	15,100	22,125	30,400	34,450
System Efficacy (Lm/W)	150	145	149	143
Color Temperature (K)	5000	5000	5000	5000
Color Rendering Index (CRI)	70 min	70 min	70 min	70 min
L70 Calculated Life (Hrs.) <sup>3</sup>	200,000	200,000	200,000	200,000
L85 Calculated Life (Hrs.) <sup>3</sup>	200,000	200,000	200,000	200,000
Operating Temperature (° C)	-25 to 45	-25 to 45	-25 to 45	-25 to 45

## Accessories

Part Number	Description
BLN-SMB	Surface Mount Bracket
BLN-MS	Motion Sensor
30184	5' Hanger Cable with Y Snap Hook

## Available Beam Angles



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1. Operating conditions must be 30° C or below or controlled by a US LED-approved control device.
  2. 5000K is the standard stocking item; 3500K and 4000K with 80 min CRI are available as special order only.
  3. US LED product 'Lifetimes' refer only to the LED light engine, not the power source, and are based on the Illuminating Engineering Society's TM21 Projected Lumen Maintenance methodology at a 25° C / 77° F ambient temperature. The lifetimes are solely meant to be a guide for expected LED degradation and not a warranty or predictive of their actual life, which can be affected by ambient temperatures and other factors.
  4. UNVL only and is a microwave sensor.
  5. Passive infrared sensor.