

BayStarEH

High Bay LED Luminaire

Project	Type
Catalog Number	

Rev #	3/28/17-2
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US LED
Always the Right Choice!



Description

For warehouse aisle area new construction or retrofit applications, US LED's solution is the BayStar highbay fixture. The BayStar fixture is a cost-effective choice to install and replace existing fluorescent, high-pressure sodium and metal halide highbays. Perfectly suited for moderate to high ceiling environments and designed specifically for aisle distribution patterns of 6' wide aisles and mounting heights up to 40'. The BayStar is intended to be mounted via adjustable cable hangers in a typical mounting height range of 20' - 40'.

Features

- Remarkable light output using only 163W
- Class 2 compliant design (low voltage, limited power)
- IP65 compliant
- Protective coating added to resist corrosion
- 5-year warranty

Specifications - Average values for family products

Dimensions (in)	47.7" x 11.3" x 4.7"
Units / Carton	1
Net Weight	22 lbs.
Environmental Rating	Wet

Certifications

- UL Listed (E338791)
- DesignLights Consortium® qualified (Premium)
- NSF Listed
- LM-79 available



Energy Data

5000K

Input Voltage (VAC)	120-277
System Level Power (W)**	163
Delivered Lumens (Lm)	19,690
System Efficacy(Lm/W)**	121
Color Temperature (K)	5000
Color Rendering Index (CRI)	70 min
L70 Calculated Life (Hrs.)*	> 200,000
L85 Calculated Life (Hrs.)*	89,000
Operating Temp (°C)	- 40 to 40

* 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 Calculated 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.

** Measured at 277VAC

Ordering Information

Series	Generation	Variant	Pattern	Color Temp (K)
LBX	1EH	0 - Black	H - High Bay	50 - 5000K

Example: LBX-1EH-0-H-50

Power Supply Information

Series	Variant	Voltage	Drive Current
PUG	0	UNV1 - 120-277	3100 - 3100mA

Example: PUG-0-UNV1-3100

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Accessories

Ordering Part Number	Description
LBTM-0	Tandem Mount Kit
LBWS-0	Occupancy Sensor Kit
LBCM-0	Conduit Mounting Kit †
LBXF-0	Step-down Transformer Kit †
30200	20' Aircraft mounting cable
30202	16' Aircraft mounting cable

† When these accessories are used, the fixture is no longer wet rated nor NSF compliant.