ExsaBay

High Bay LED Luminaire

Project	Type
Catalog Number	

Rev #	4/21/17-1

Description

For industrial general area new construction or retrofit applications, US LED's solution is the ExsaBay family of highbays. The ExsaBay family is an economical, scalable highbay solution to install and replace existing fluorescent, high-pressure sodium and metal halide technologies. The ExsaBay is designed specifically for open area lighting distribution patterns, providing a variety of lumen packages ranging from 14,420 lumens to 55,110 lumens. The ExsaBay is intended to be mounted via adjustable cable hangers in a typical mounting height range of 20' – 60'.

Features

- L70 lifetime of >200,000 hours*
- Mounting height: 14" up to 20', 28" up to 35', 42" up to 50', 56" up to 60'
- Capable of being surface mounted, suspended, or pendant mounted
- Class 2 compliant design (low voltage, limited power)
- Fixture dimmable via Mark 7 (0-10V) dimming interface
- 5-year warranty

Certifications

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

Designed, Engineered & Assembled in the USA

Specifications - *Average values for family products*

	14"	28"	42"	56"
Dimensions (in)	17.5" x 14.5" x 3.5"	31.5" x 14.5" x 3.5"	45.5" x 14.5" x 3.5"	59.5" x 14.5" x 3.5"
Units/Carton	1	1	1	1
Net Weight	12 lbs.	18 lbs.	28 lbs.	38 lbs.
Mounting Height	up to 20'	up to 35'	up to 50'	up to 60'
Environmental Rating	Dry/Damp	Dry/Damp	Dry/Damp	Dry/Damp

Energy Data	14"	28"	42"	56"
Input Voltage (VAC)	120-277/347-480	120-277/347-480	120-277/347-480	120-277/347-480
System Level Power (W)**	104	215	316	421
Delivered Lumens (Lm)	14,420	29,140	40,835	55,110
System Efficacy (Lm/W)**	138	135	127	129
Color Temperature (K)	5000	5000	5000	5000
Color Rendering Index (CRI)	80 min	80 min	80 min	80 min
L70 Calculated Life (Hrs.)*	> 200,000	> 200,000	> 200,000	> 200,000
L85 Calculated Life (Hrs.)*	113,000	114,000	111,000	116,000
Operating Temp (°C)	– 40 to 45	– 40 to 45	– 40 to 45	– 40 to 45

* 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

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Ordering Information

Series	Variant	Voltage	CCT	CRI	Size	Color	Efficacy	Lens	Sensor
EXB1	**1**	**UNVL** - *120-277* **UNVH** - *347-480*	**50** - *5000K*	**80** - *80 Min*	**14** - *14"* **28** - *28"* **42** - *42"* **56** - *56"*	**WH** - *White*	**S** - *Standard*	**C** - *Clear*	**N** - *None* **W3†** - *FSP-211 with FS-L3W* *** **W4†** - *FSP-211 with FSL4W* *** **SF** - *SFR-30* *** **SB** - *SBOR6* ****

Example: EXB1-1-UNVL-50-80-14-WH-S-C-W3

† *FSIR-100 Wireless IR Commissioning tool is needed to change settings on the W3 and W4 sensor. At least one per location.*

*** *120-277V Sensor*

**** *120-277V or 347-480V Option Available*

Accessories

Ordering Part Number	Description
30200	20' Aircraft mounting cable
30202	16' Aircraft mounting cable