

BayMAX™ LED Linear High Bays

BLHT

MaxLite's BayMax™ LED Linear High Bay Fixture family offers a high performance LED luminaire that is ideal in manufacturing, warehousing, commercial and gymnasium applications. Its bi-level capable wiring option offers a cost effective way to reduce your energy costs by using motion sensors or simple switching techniques while its dimming driver option allows for full output control. LM-80-tested LED populated custom strips provide ideal light distribution for mounting heights from 15- to 40-ft. The 110-, 160- and 250-watt performance and value-optimized fixtures replace up 400-watt metal halide high bay fixtures. The fixture is constructed of sheet steel for heat sink and thermal control and a specular reflector for high performance. A top side access door provides easy serviceability by enabling unobstructed driver access.

PROJECT NAME	
CATALOG NUMBER	
NOTES	
FIXTURE TYPE	ROOM SCHEDULE

FEATURES:

- High efficacy LED boards with dual copper cladding for thermal dissipation
- Optional occupancy sensor, lensed door and wire guard available
- Housing has top side access door for easy field access of driver and control gear
- 50,000 hour rated life
- Operating temp: -30 F. to 120F

CONTROL:

- 22 Ga. post painted steel housing
- Std. 87 percent reflectance reflector; optional 95 percent
- Single dimming (SD) or twin non-dimming drivers/bi-level (AB) available
- 120- to 277-volt universal voltage (contact MaxLite for other voltages needed)
- Standard V-Hook included
- Standard knock outs at ends and rear



Features MaxLite's "Thermal Lumen Balanced Light Engines" – MaxLite engineered low drive rates allow cooler operating temperatures. This translates to less thermal heat sinking needed, while allowing more LEDs to be used, resulting in more lumen output. Cooler LEDs perform correspondingly longer than harder driven hot LEDs.

LUMINAIRE ORDERING INFORMATION:

WATTS (Nominal)	ORDER CODE	MODEL	DELIVERED LUMENS	DRIVER	LIFE	DIMENSIONS (L" X W" X H")	CCT
110	72332	BLHT110UAB4810	11,240	Twin Non-Dimming (AB)	50,000	48" x 10" x 3" (1216mm x 253mm x 77mm)	5500
110	72334	BLHT110USD4810	11,240	Single Dimming (SD)	50,000	48" x 10" x 3" (1216mm x 253mm x 77mm)	5500
160	72335	BLHT160UAB4815	16,170	Twin Non-Dimming (AB)	50,000	48" x 14.75" x 3" (1216mm x 375mm x 77mm)	5500
160	72337	BLHT160USD4815	16,170	Single Dimming (SD)	50,000	48" x 14.75" x 3" (1216mm x 375mm x 77mm)	5500
250	72339	BLHT250UAB4820	21,890	Twin Non-Dimming (AB)	50,000	48" x 20" x 3" (1216mm x 508mm x 77mm)	5500
250	72338	BLHT250USD4820	21,890	Single Dimming (SD)	50,000	48" x 20" x 3" (1216mm x 508mm x 77mm)	5500

To include optional occupancy sensor, add MS at the end of the Model No (ex. BLHT160UAB4815MS)

* Preliminary output data, contact MaxLite for LM-79 reports



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SPECIFICATIONS:

SPECIFICATION	BayMAX LED Linear Highbay		
	BLHT110Uxx4810	BLHT160Uxx4815	BLHT250Uxx4820
Lumens	11,240	16,170	21,890
Efficacy	97 lm/W	104 lm/w	90 lm/W
Power Consumption	116 W	156 W	243 W

ITEM	SPECIFICATION	DETAILS
General Performance	Spacing Criteria	Available upon request
	Color Temperature (CCT)	5500K
	Color Rendering Index (CRI)	70 min
	Lumen Maintenance (L70)	50,000 hours
Electrical	Power Factor	Over 95%
	Input Voltage	120V-277V 50/60 Hz
Physical	Housing	22 gauge galvanized post painted steel
	Lens	Clear acrylic lens (available)
	Mounting	V-hooks provided
	Operating Temperature	-30°F to 120°F
	Humidity	20% - 85% RH, non condensing
Certification	Certifications *	ETL, FCC, LM-79, LM-80
	Material Usage	RoHS compliant no mercury
	Environment	Indoor
	LED Class	L70 rated to 50,000 hours
	Warranty	5 years



BLHT250UAB4820
with MLFHBL8DF



BLHT160UAB4815

ACCESSORIES:

DESCRIPTION	Fixture Specific Accessories (Shipped Separately/Field Installed)		
	BLHT110Uxx4810	BLHT160Uxx4815	BLHT250Uxx4820
Door Frame & Lens	MLFHBL4DF	MLFHBL6DF	MLFHBL8DF
Door Frame and Flat Wire Guard	MLFHBL4DFWG	MLFHBL6DFWG	MLFHBL8DFWG
Door Frame, Flat Wire Guard & Lens	MLFHBL4DFWGL	MLFHBL6DFWGL	MLFHBL8DFWGL

DESCRIPTION	General Accessories
10ft SO Cord & Plug for 277V	SKHBLC277
10ft SO Cord & Plug for 120V	SKHBLC120
Cable Hanging Kit	MLCHKSQ

