

BAYMAX™ LED LINEAR HIGHBAY FIXTURE BLHT SERIES



BLHT115USD4810



BLHT150USD4815



BLHT235USD4820



FEATURES:

- High Efficacy LED boards with dual copper cladding for thermal dissipation
- 1-10V Dimming standard
- Optional Occupancy Sensor, Wire guard, lensed door
- Housing has rear side access door for easy field access of control gear
- Operating Temp: -4°F to 104°F
- Suitable for continuous row mounting

CONSTRUCTION:

- 22 Ga. Steel Housing, post painted
- Std. 80+ MIRO reflector
- Class II UL listed Dimming drivers
- 120-277V Universal Voltage (contact MaxLite for other voltages needed)
- Standard V-Hook included
- Standard Knock outs at ends and rear
- Features MaxLites "Thermal/ Lumen Balanced Light Engines" – MaxLite engineered low drive rates allow cooler operating temperatures. This translates as less thermal heat sinking needed, while allowing more LED's to be used, resulting in more lumen output. Cooler LED's perform correspondingly longer than harder driven hot LED's.

CONTROL:

- Optional Occupancy sensing with Daylight Harvesting set points, selectable delays and operating profiles (MSV)
- Optional On/Off Occupancy Sensing (MSO)

IESNA TM-21-11 FOR L70 LIFETIME		
PART NUMBER	LED LIFETIME TO L70 AT 25°C AMBIENT	DRIVER LIFETIME AT OPERATING AMBIENT
BLHT115USD4810	85,000 Hours*	Contact MaxLite for latest information
BLHT150USD4815	107,000 Hours	
BLHT235USD4820	110,000 Hours	

PRODUCT DESCRIPTION:

MaxLite's BayMax™ LED Linear High Bay Fixture with optional bi-level controls offers a classic fluorescent linear high bay housing with LM80-tested LED strips that resemble fluorescent tubes when lit. The same size and shape as a T8 fluorescent fixture, and improved with exceptional 100+ LPW output, the 115-watt performance- and value-optimized fixture replaces a 250-watt fluorescent high bay, while the 150W& 235W models are 400W HID equivalent fixture, All fit standard fluorescent accessories. The fixtures are constructed of sheet steel for heat sink and thermal control and a specular reflector for higher lumens.

MODEL SELECTION (Full list of order codes on pg. 2)			Typical order example: BLHT115USD4810EM		
BLHT			48		
FAMILY	WATTAGE (NOMINAL)	VOLTAGE	LENGTH	WIDTH	OPTIONS
BLHT= BayMax Linear High Bay	115= 115W 150= 150W 235= 235W	USD= 120-277V HSD= 347-480V	48= 48"	10= 10" 15= 15" 20= 20"	(OMIT)= None EM= Battery Backup Unit MSO= On/Off Sensor MSV= Bi-Level Sensor D27= Modular Fixture Drop**

ORDERING*:

ORDER NUMBER	MODEL	WATTS (NOMINAL)	DELIVERED LUMENS	CCT
74229	BLHT115USD4810	115	12,430	5000K
74171	BLHT150USD4815	150	17,130	
74457	BLHT235USD4820	235	25,300	

*Please contact your MaxLite representative to order products that don't have order codes listed here.

NOTES:

1. * Lens is clear acrylic standard ** For use of modular fixture drop in 480v requires ordering of 480v Stepdown transformer

SPECIFICATIONS:

		BLHT115USD4810	BLHT150USD4815	BLHT235USD4820
ITEM	SPECIFICATION	DETAILS	DETAILS	DETAILS
GENERAL PERFORMANCE	Spacing Criteria	1.28 (0° – 180°) / 1.26 (90° – 270°)	1.30 (0° – 180°) / 1.30 (90° – 270°)	1.26 (0° – 180°) / 1.26 (90° – 270°)
	Lumens Delivered	12,430*	17,130*	25,300*
	Battery Back Up Output (Avg. Im)	1416	1368	1272
	Efficacy (lm/W)	118	114	106
	CRI	>83	>83	>84
	Beam Angle	109.9° (V) / 96.44° (H)	97.1° (V) / 109.8° (H)	98.1° (V) / 110.1° (H)
	Color Temperature (CCT)	5000K		
ELECTRICAL	Power Consumption	116.5W	149.8W	237W
	Input Voltage	120-277Vac		
	Power Factor	>.99@120V; >.93@277V		
PHYSICAL	Dimensions	48" x 10" x 3.1"	48" x 15.9" x 3.1"	48" x 20" x 3.1"
	Weight	12.5 lbs	15 lbs	21 lbs
CERTIFICATION	Certification	UL 8750 and 1598, LM79, DLC		
	Material Usage	RoHS compliant; no mercury		
	Environment	Indoor / Damp		
	LED Class	UL Listed: LM-80		
	Warranty	7 Years - See Warranty Certificate for details		

* Preliminary output data, contact Maxlite for LM-79

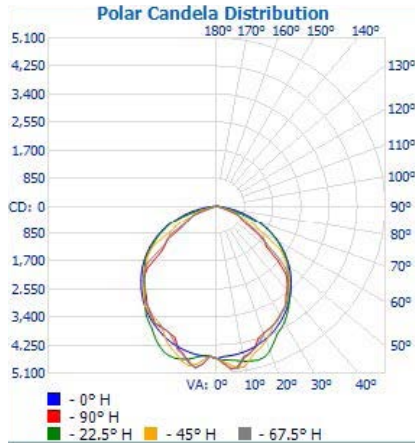
OCCUPANCY MOTION SENSOR		BI-LEVEL OCC. SENSOR	ON/OFF OCC. SENSOR
	Sensor Load	Max 800W	Max 800W
	Dimming Levels	0/ 5/ 10/ 20/ 25/ 33/ 50% selectable	NA – 100% on, 0% off
	Ambient Light Level	Selectable Ambient Light Levels (3 levels)	NA – Motion activated only
	Time Delay	Selectable Time delay (1 min to 30 min)	Fixed 15 sec. to 30min.
	Type	Omni-directional quad element pyroelectric	PIR
	Optics	Standard: Conical / 8-15' Install Hts / 2x Ht beam width	Fixed width lens, with field adjustable sensitivity to reduce beam size
	Sensor Rating	120-277V / Wet Listed	120-277V / Dry Listed
	Operating Temperature	0°C (32°F) to 40°C (104°F), 50-60Hz	0°C (32°F) to 40°C (104°F), 50-60Hz

ACCESSORIES (ORDER SEPARATELY)		
ORDER CODE	ITEM NUMBER	DESCRIPTION
71827	MLFHBL4DF	Door Frame & Lens** for BLHT115 Linear HB Fixture
72053	MLFHBL4DFWG	Door Frame & Flat Wire Guard - BLHT115 Linear HB Fixture
72049	MLFHBL4DFWGL	Door Frame, Lens** & Wire Guard- BLHT115 Linear HB Fixture
71826	MLFHBL6DF	Door Frame & Lens** for BLHT150 Linear HB Fixture
72054	MLFHBL6DFWG	Door Frame & Wire Guard - BLHT150 Linear HB Fixture

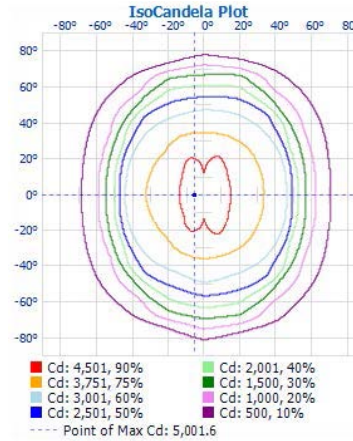
ACCESSORIES (ORDER SEPARATELY)		
ORDER CODE	ITEM NUMBER	DESCRIPTION
72050	MLFHBL6DFWGL	Door Frame, Lens** & Wire Guard - BLHT150 Linear HB Fixture
72447	MLFHBL8DF	Door Frame & Lens** for BLHT235 Linear HB Fixture
72448	MLFHBL8DFWGL	Door Frame, Lens** & Wire Guard 8-Lamp T8
72887	MLFHBL8FWG	Flat Wire Guard for 8-Lamp T8 ML Linear High Bay Fixture
71119	MLCHKSQ	Cable Hanging Kit for Linear Highbay Fixtures (20')
75324	BLHTD277/480-12/5	Fixture Drop – 277/480V 18/5 leads

** For frosted lens, please contact MaxLite

BLHT115USD4810

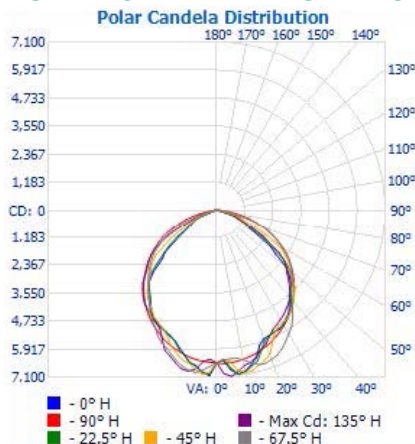


ISOFOOTCANDLE PLOT:

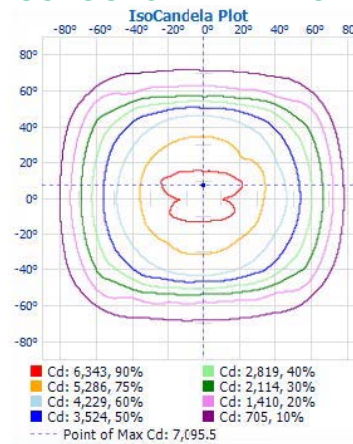


BLHT150USD4815

POLAR CANDELA DISTRIBUTION:

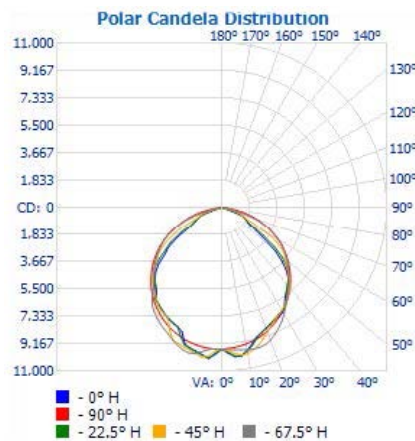


ISOFOOTCANDLE PLOT:

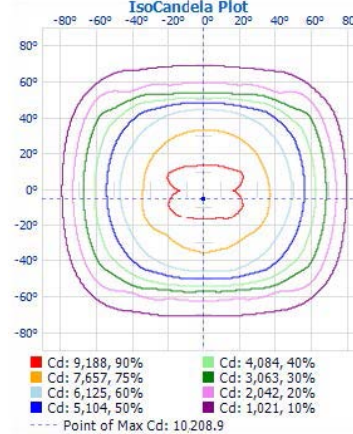


BLHT235USD4820

POLAR CANDELA DISTRIBUTION:

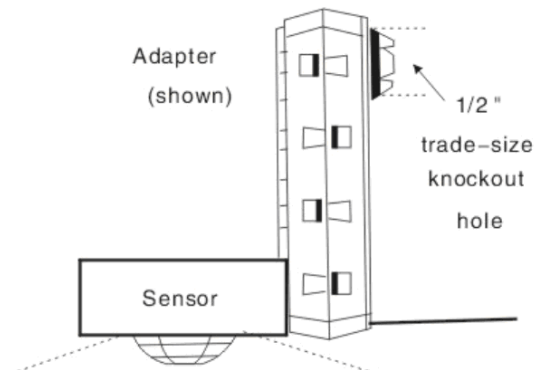
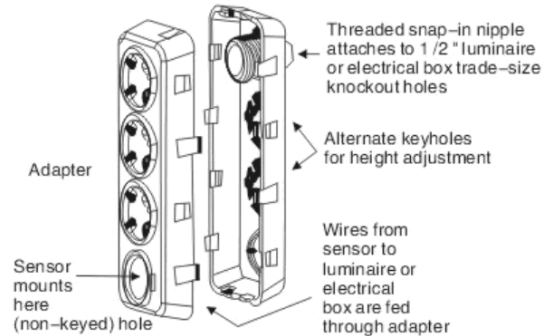
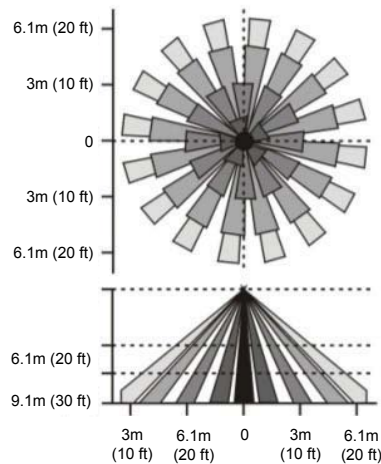


ISOFOOTCANDLE PLOT:



MSO SENSOR OPTION:

- On/Off PIR motion
- Beam: 30'Ht x 20' Width



MSV SENSOR OPTION:

- Bi-level PIR motion
- Beam: 30'Ht x 45' Width
- Daylight harvesting
- 7 Pre-set scenes on/dim/off



Top View @ 4.5m/15 ft.

