

LED HIGH BAY LINEAR
ECO SERIES

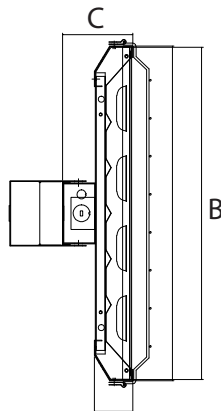
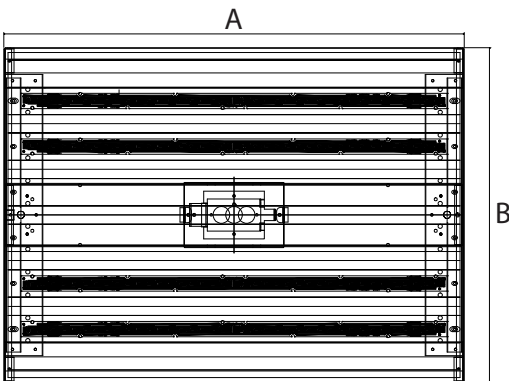
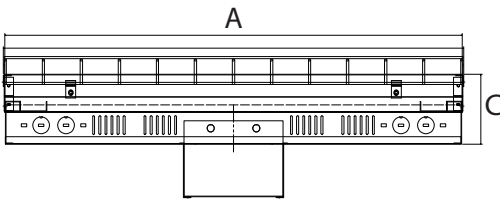


PRODUCT DESCRIPTION:

The Eco High Bay Series is a cost-effective and quality solution for lighting warehouses, distribution centers, manufacturing facilities, big box retailers, and other industrial applications. A non-dimmable and compact product made of galvanized steel housing and white electrostatic powder coat finish, it delivers a high lumen output to replace both traditional fluorescent and HID high bay fixtures. Cable, pendant and surface mounting options enable the high bay to be customized to meet virtually any lighting requirement.

FEATURES:

- Non-dimmable product
- Operating temperature -20°C to 50°C (-4°F to 122°F)
- Suitable for Damp locations
- L70 lumen maintenance of 50,000 hours
- Translucent lens standard to minimize glare
- V hook and chain mount standard, included additional mounting options available
- Field installable battery backup unit
- 5 year limited warranty



DIMENSIONS			
PRODUCT	A	B	C
135W	23.8"	17.3"	3.62"
135W MSO	29.3"	17.3"	3.62"








MODEL SELECTION		Typical order example: BLHE-135NU50	
ORDER CODE	MODEL	DESCRIPTION	DIMENSIONS (L" X W" X H")
1409018	BLHE-135NU50	BAYMAX LINEAR HIGH BAY ECO SERIES 135W NON-DIMMING 120-277V 5000K	23.8" X 17.3" X 3.62"
1409140	BLHE-135NU50MSO	BAYMAX LINEAR HIGH BAY ECO SERIES 135W NON-DIMMING 120-277V 5000K WITH ON/OFF	30" X 17.3" X 3.62"

SPECIFICATIONS:

BLHE-135NU50

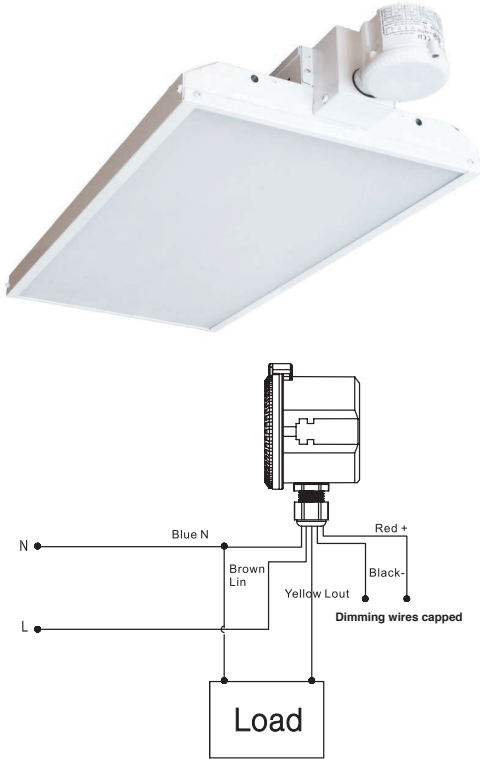
ITEM	SPECIFICATION	DETAILS
GENERAL PERFORMANCE	Power Consumption (W)	135.0
	Lumens Delivered (lm)	17,300
	Efficacy (lm/W)	130
	CRI	≥80
	Color Temperature (K)	5000K
	L70 Lifetime (hours)	50,000
	Color Consistency	Proprietary binning for uniform color
ELECTRICAL	Power Factor	≥0.9
	Input Voltage	120-277V
	Dimming	Non-dimmable
PHYSICAL	Mounting	V hook and chain standard (see Mounting Accessories chart for other options)
	Operating Temperature	-4°F to 122°F
	Humidity	20-85% RH, non-condensing
QUALIFICATION	Qualification	cULus, DLC premium, and FCC
	Material Usage	RoHS compliant; no mercury
	Environment	Indoor / Damp
	Warranty	5 year limited warranty

ACCESSORIES:

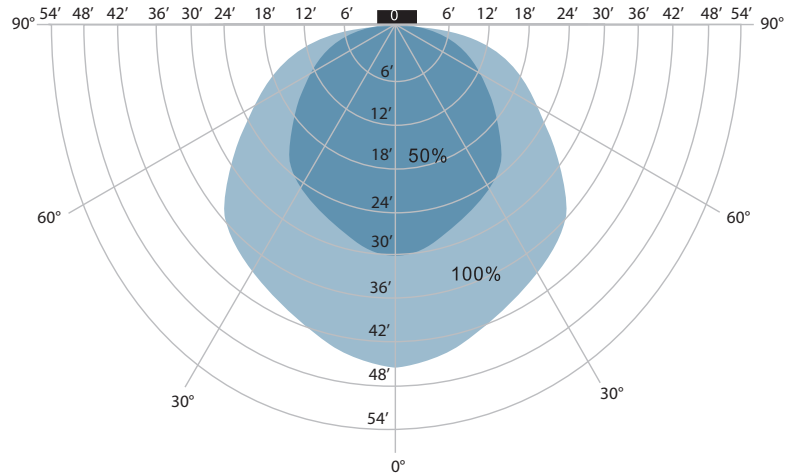
MODEL NUMBER	ORDER CODE	DESCRIPTION	PRODUCT IMAGES
BLHE-SMK	1409137	Surface Mount Kit	
BLHE-MPK	1409138	Stem Mount Kit	
BLHE-MSOKIT	1409828	Field Installable On/Off PIR Motion Sensor Kit	
BLHE-WGW	1409161	Wire Guard	
MLCHKLSU15	74138	15' Cable Kit	
MLCHKSQ	71119	20' Cable Kit	
EBUDV6012D200A	74934	Field Installable Battery Backup - Provides 1600 lumens for 90 minutes	

SENSOR SPECIFICATION:

These fixtures use a high frequency sensor designed specifically for high bays. The sensors are able to “see through” sheetrock walls (and all other non-metal, non-concrete surfaces). If your application requires PIR technology, please contact MaxLite for field installable PIR kits.



Detection area vs Mounting height



Below are all available settings for the MS (motion sensor) option. Default settings are highlighted in green.

By selecting the combination on the DIP switch, sensor data can be precisely set for each specific application.

ON	1	
I	ON	100%
II	-	50%

Sensitivity Adjustment for Detection Area

For mounting heights greater than 30 ft, set detection area to 100%. For mounting heights less than 30 ft, set detection area to 50%

ON	2	3	4
I	ON	ON	ON
II	-	ON	ON
III	ON	-	ON
IV	-	-	ON
V	ON	ON	-
VI	-	-	-

Hold time

Refers to the time period the lamp remains at 100% illumination after no motion detected.

ON	5	6	7
I	ON	ON	∞
II	-	ON	ON
III	ON	-	ON
IV	-	-	ON
V	ON	ON	-
VI	-	-	-

Stand-by period

Refers to the time period the lamp remains at a low light level before it completely switches off in the long absence of people. When set to Disable mode, the low light is maintained until motion is detected.

ON	10	11	12
I	ON	ON	Disable
II	-	ON	200lux
III	ON	-	100lux
IV	-	-	50lux

Daylight sensor

The sensor can be set to only allow the lamp to illuminate below a defined ambient brightness threshold. When set to Disable mode, the daylight sensor will switch on the lamp when motion is detected regardless of ambient light level. Note that daylight sensor is active only when lamp totally switches off.

Operating voltage	120~277Vac, 50Hz/60Hz
Rated load	400W@120Vac, 800W@220-277Vac (inductive) 800W@120Vac, 1200W@220-277Vac (resistive)
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.8W(standby), <1.5W(operation)
Detection zone	Max.(D x H): 16m x 15m
Detection sensitivity	100% / 50%
Hold time	5s / 30s / 90s / 3min / 20min / 30min
Daylight sensor	50lux / 100lux / 200lux / Disable
Mounting height	15m Max.
Motion detection	0.5~3m/s
Detection angle	150°(wall installation), 360°(ceiling installation)
Operating temperature	-35°C~70°C