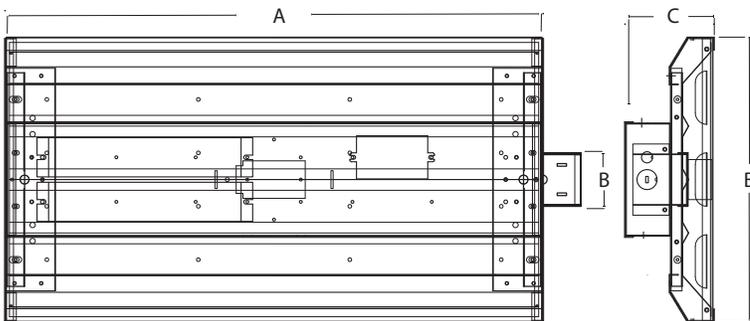
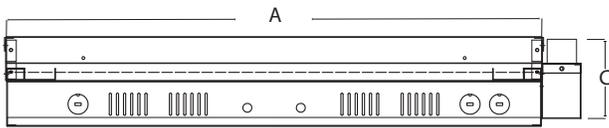


LED HIGH BAY LINEAR
ECO SERIES GEN 2



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 dimmable product (4ft length) made of galvanized steel housing and white electrostatic powder coat finish, it delivers a high lumen output to replace both 8 T5HO fluorescent high bay or up to 1000W HID high bay fixtures. Cable, pendant and surface mounting options enable the high bay to be customized to meet virtually any lighting requirement.

FEATURES:

- Dimmable
- Power factor >0.9
- Standard with frosted lens
- Universal voltage 120-277V or 347-480V
- L70 lumen maintenance of 100,000 hours, L90 to meet DLC Premium
- Operating temperature: -4°F to 122°F (-20°C to 50°C)
- CCT of 4000K and 5000K with <5 step SDCM
- Surface or suspension mounted
- V-hook and 40" knotted chain included in standard model
- Suitable for Damp locations
- Operating humidity 10% to 80% RH non-condensing
- Sensor option
- 17W BBU option
- Wire guard for all sizes as accessory
- Lens material is PMMA (polymethylmethacrylate)

WARRANTY:

10-year standard warranty with labor allowance* (further details available at www.maxlite.com/warranties)
*Warranty Limitations: Product must be rated for the application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient of -29°F to 104°F.

*Up to \$25/unit; labor allowances of up to \$500/unit available for purchase – contact MaxLite representative for details.

DIMENSIONS			
PRODUCT	A	B	C
BLHE2-265DUF-XX	45.9"	12.6"	3.62"
BLHE2-265DUF-XXMS	51.4"	12.6"	3.62"
BLHE2-321DUF-XX	45.9"	12.6"	3.62"
BLHE2-321DUF-XXMS	51.4"	12.6"	3.62"
BLHE2-425DUF-XX	45.9"	17.3"	3.62"
BLHE2-425DUF-XXMS	51.4"	17.3"	3.62"

MODEL SELECTION		Typical order example: BLHE2-265DUF-50						
BLHE2	-	D	U	F				
FAMILY	-	WATTAGE (NOMINAL)	DIMMING	VOLTAGE	LENS	CCT	OPTIONS	CORDS & PLUGS
BLHE2= ECO Linear High Bay Gen 2	-	265= 265W	D= Dimming	U= 120-277V	F= Frosted	40= 4000K	(OMIT)= None	-C= Cord
		321= 321W		H= 347-480V		50= 5000K		
		425= 425W					EM= Battery Backup Unit	-C1= 10-FT 3-Wire Cord W 5-15P (120V, 15A)
							² MSV= Bi-level Motion Sensor with Remote Control Capability	-C2= 10-FT 3-Wire Cord W L7-15P (277V, 15A)
								C3= 10-FT 3-Wire Cord L24-20P (347V, 20A)
								C4= 10-FT 3-Wire Cord L8-20P (480V, 20A)

¹ EM only available in Universal models

² MSV only used for high voltage

SPECIFICATIONS:

		BLHE2-265DUF-50	BLHE2-321DUF-50	BLHE2-425DUF-50
GENERAL PERFORMANCE	Power Consumption (W)	265W	321W	425W
	Lumens Delivered (lm)	33,747 lm	40,389 lm	55,181 lm
	Efficacy (lm/W)	127 lm/W	126 lm/W	129 lm/W
	CRI	≥80		
	Color Temperature (K)	4000K, 5000K		
	L70 Lumen Maintenance* (hours)	>100,000 hrs.		
	Color Consistency	Proprietary binning for uniform color		
ELECTRICAL	Power Factor	≥0.9		
	Input Voltage	120-277V or 347-480V		
	Dimming	Dimmable (0-10V)		
PHYSICAL	Mounting	40" Chain standard		
	Operating Temperature	-4°F to 122°F		
	Humidity	20-85% RH, non-condensing		
CERTIFICATION	Certification	FCC, cULus		
	Material Usage	RoHS compliant; no mercury		
	Environment	Indoor / Damp		
	Warranty	10 year warranty*		
QUALIFICATION	DesignLight Consortium	DLC Premium		

*L70 Lumen maintenance calculated for LED chip at max Ambient of 122°F (50°C)

ORDERING:

ORDER CODE	MODEL	DLC PRODUCT ID	WATTAGE	WATTAGE
102618	BLHE2-265DUF-40	PDQVFRMV	265	4000K
14099931	BLHE2-265DUF-40MS*	PDQVFRMV		
102557	BLHE2-265DUF-50	PU11EKYV		5000K
14099932	BLHE2-265DUF-50MS*	PU11EKYV		
102619	BLHE2-321DUF-40	P00RYKIR	321	4000K
14099933	BLHE2-321DUF-40MS*	P00RYKIR		
102558	BLHE2-321DUF-50	P5O433KC		5000K
14099934	BLHE2-321DUF-50MS*	P5O433KC		
14100563	BLHE2-425DUF-40	PDGIQKJP	425	4000K
14100564	BLHE2-425DUF-40MS*	PDGIQKJP		
14100565	BLHE2-425DUF-50	P8OFZ393		5000K
14100566	BLHE2-425DUF-50MS*	P8OFZ393		

*MS remote sold separately.

SENSOR INFORMATION:

SENSOR	TECHNOLOGY	DIMMING	DAYLIGHT HARVESTING	REMOTE CONTROL	QR CODE
MS	HIGH FREQUENCY	BI-LEVEL	SET POINT	YES	
BLHE-MSOKIT	PIR	ON/OFF	SET POINT	NO	
MSV (347-480)	PIR	BI-LEVEL	SET POINT	YES	

*For motion sensor settings and information, please visit www.maxlite.com/controls

ACCESSORIES				
DESCRIPTION	APPLICATION	MODEL NUMBER	ORDER CODE	ACCESSORY IMAGE
WIREGUARD	265W, 321W	BLHE2-WGW3	102663	
	425W	BLHE2-WGW4	102663	
SURFACE MOUNT KIT	265W, 321W	BLHE2-SMK1	102659	
	425W	BLHE2-SMK2	102659	
STEM MOUNT KIT (3/4" DIAMETER HOLE)	All Wattages	BLHE2-MPK	102658	
FIELD INSTALLABLE ON/OFF PIR MOTION SENSOR KIT	All Wattages	BLHE-MSOKIT	1409828	
15' CABLE KIT	All Wattages	MLCHKLSU15	74138	
20' CABLE KIT	All Wattages	MLCHKSQ	71119	
REMOTE CONTROL FOR SENSOR COMMISSIONING	All Wattages (120-277V)	RMHYTHRC-05	108133	
REMOTE CONTROL FOR MSV 347-480V COMMISSIONING	All Wattages (347-480V)	FSIR-100	102184	
FIELD INSTALLABLE BATTERY BACKUP - PROVIDES 1300 LUMENS FOR 90 MINUTES	All Wattages	EBUUP5017D01108	100750	

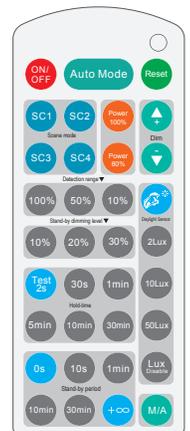
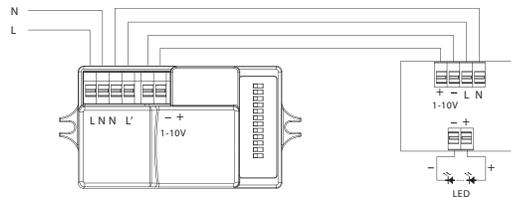
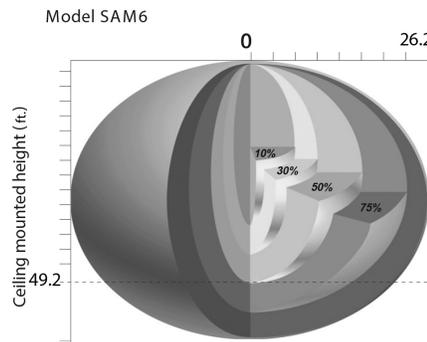
Below are all available settings for the MS (motion sensor) option. Default settings are highlighted in green. To change the default settings, purchase of the remote control (RMHYTHRC-05) is required.

1 Detection Range

Sensor sensitivity can be adjusted by selecting the combination on the DIP switches to fit precisely for each specific application.

	1	2	
I	●	●	100%
II	●	○	75%
III	○	●	50%
IV	○	○	10%

- I – 100%
- II – 75%
- III – 50%
- IV – 10%



Note: the buzzer beeps one time when RC receives signal successfully.

2 Hold-time

Select the dip switch configuration for the full brightness on-time after presense detection.

Please note that this function is disabled when the natural daylight exceeds the daylight threshold setting for more than 5 minutes.

	1	2	3	
I	●	●	●	5s
II	●	●	○	30s
III	●	○	●	1min
IV	●	○	○	5min
V	○	●	●	10min
VI	○	●	○	20min
VII	○	○	○	30min

- I – 5s
- II – 30s
- III – 1min
- IV – 5min
- V – 10min
- VI – 20min
- VII – 30min

3 Daylight Threshold

Set the level according to the fixture and environment. The light will not turn on if ambient lux level exceeds the daylight threshold preset.

Please note that the ambient lux level refers to internal light reaching the sensor.

Disabling the daylight sensor will put the sensor into occupancy detection only mode.

	1	2	
I	●	●	Disable
II	●	○	50Lux
III	○	●	10Lux
IV	○	○	2Lux

- I – Disable
- II – 50Lux
- III – 10Lux
- IV – 2Lux

4 Stand-by period (corridor function)

This is the time period you would like to keep at the low light output level before it is completely switched off in the long absence of people.

Note: "0s" means on/off control;

"+ ∞" means the stand-by time is infinite and the fixture never switches off.

	1	2	3	
I	●	●	●	0s
II	●	○	○	10s
III	●	○	●	1min
IV	●	○	○	5min
V	○	○	●	10min
VI	○	●	○	30min
VII	○	○	●	1H
VIII	○	○	○	+∞



- I – 0s
- II – 10s
- III – 1min
- IV – 5min
- V – 10min
- VI – 30min
- VII – 1H
- VIII – +∞

5 Stand-by dimming level

The setting is used to select the desired dimmed light level used in periods of absence for enhanced comfort and safety.

	1	2	
I	●	●	10%
II	●	○	20%
III	○	●	30%
IV	○	○	50%



- I – 10%
- II – 20%
- III – 30%
- IV – 50%

Sensor Data

Model No.	
Sensor principle	High Frequency (microwave)
Operation frequency	5.8GHz +/- 75MHz
Transmission power	<0.2mW
Detection range:	
SAM5 SAM9	Max. (∅ x H) 8m x 5m
SAM6	Max. (∅ x H) 16m x 15m
Detection angle	30° ~ 150°

DIP Switch Settings:

Sensitivity	10% / 50% / 75% / 100%
Hold-time	5s ~ 30min (selectable)
Daylight threshold	2 ~ 50 lux, disabled
Stand-by period	0s ~ 1h, +∞ (selectable)
Stand-by dimming level	10% / 20% / 30% / 50%

Environment

Operation temperature	Ta: -20°C ~ +60°C
Case temperature (Max.)	Tc: +80°C
IP rating	IP20