PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

BLHE Economic Linear Highbay Gen 3 *ECO SERIES*

Description:

The Eco High Bay Series is a cost-effective and quality solution for lighting gymnasiums, warehouses, distribution centers, manufacturing facilities, big box retailers, and other commercial and industrial applications. A dimmable and compact product made of galvanized steel housing and white electrostatic powder coat finish, it delivers a high lumen output to replace both 4 or 6 lamp T5HO fluorescent highbay or 400W HID highbay fixtures. Cable, pendant and surface mounting options enable the highbay to be customized to meet virtually any lighting requirement.

Features:

- 120-277V standard, 347-480V available
- Dimmable down to 10% (0-10V dimming)
- Frosted lens standard
- 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
- Cord and Plug options available for standard models
- Lens material is PMMA (Polymethylmethacrylate)
- L70 lumen maintenance of 100,000 hours, L90 to meet DLC Premium
- On EM mode, the fixture output a minimum of 1200 lumens for 90 minutes, when fully charged
- 120-277V MS models with PIR motion sensor available (must purchase remote separately for commissioning)

Ordering Information

FAMILY	WATTAGE (NOMINAL)	VOLTAGE	LENS	CCT	OPTIONS	MOTION SENSOR	CORDS & PLUGS
BLHE3= ECO Linear High Bay Gen 3	**065=** 65W **085=** 85W **130=** 130W **170=** 170W **210=** 210W **255=** 255W **300=** 300W **400=** 400W	**U=** 120-277V ***H=** 347-480V	**F=** Frosted	**40=** 4000K **50=** 5000K	**BLANK=** None ****EM=** Battery Backup	**BLANK=** None *****MS=** Motion Sensor	**BLANK=** None **-C=** Cord **-C1=** 10-FT 3 Wire Cord W 5-15P (120V,15A) **-C2=** 10-FT 3 Wire Cord W L7-15P (277v, 15A) **-C3=** 10-FT 3 Wire Cord W L24-20P (347V, 20A) **-C4=** 10-FT 3 Wire Cord W L8-20P (480V,20A)

*65W and 85W in 347-480V (H) are special order only
**EM only available with universal voltage
***Need to purchase remote to commission for 120-277V MS models. Access the Wattstopper Apple/Google store App to commission 347-480V MS models
Driver transient protection is 2.5KV. If additional 10KA surge protection is required, contact Maxlite.

Stocked Items

ORDER CODE	MODEL NUMBER	DLC#	DLC CATEGORY
105362	BLHE3-065UF-40	PSSLYSIN	Low-Bay Luminaires for Commercial and Industrial Buildings
105363	BLHE3-065UF-50	PJRCZ69R	
105366	BLHE3-085UF-40	PCXTYUAR	High-Bay Luminaires for Commercial and Industrial Buildings
105367	BLHE3-085UF-50	PZJ3KWCH	
105370	BLHE3-130UF-40	PT3H08RI	
105371	BLHE3-130UF-50	PHMQISCC	
105374	BLHE3-170UF-40	P7EAHSYX	
105375	BLHE3-170UF-50	P6VMYY3G	

ORDER CODE	MODEL NUMBER	DLC#	DLC CATEGORY
105378	BLHE3-210UF-40	P8NVQQC9	High-Bay Luminaires for Commercial and Industrial Buildings
105379	BLHE3-210UF-50	P7J64WMA	
105382	BLHE3-255UF-40	P4Y8NPLB	
105383	BLHE3-255UF-50	PLQBGEHR	
105386	BLHE3-300UF-40	PY0MLJTV	
105387	BLHE3-300UF-50	PFJVC1YA	
105390	BLHE3-400UF-40	PG1XKF7Y	
105391	BLHE3-400UF-50	PW9DPZ8N	

10-year standard warranty with labor allowance (further details available at www.maxlite.com/warranties)

Warranty Limitations: Product must be rated for application per the Product Data Sheet (PDS); operated ≤16 hrs; in ambient temperatures -4°F to 77°F. If ambient temperatures fall outside the -4°F to 77°F range, product is warrantied for 5 years according to the operating temperature range specified on the PDS. Up to $25/unit; registration required. Additional coverage may be available for purchase; contact MaxLite. Excludes EM/MS versions; component warranty applies.

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BLHE Economic Linear Highbay Gen 3

ECO SERIES

Accessories (SOLD SEPARATELY)

ORDER CODE	MODEL NUMBER	DESCRIPTION	IMAGE
105400	BLHE3-WGW1	BLHE GEN3 Wire Guard White for 65W, 85W, 130W Models	
105401/ 102662	BLHE3-WGW2 / BLHE2-WGW2	BLHE GEN3 Wire Guard White for 170W AND 210W Models	
105402	BLHE3-WGW3	BLHE GEN3 Wire Guard White for 255W AND 300W Models	
105403 / 103086	BLHE3-WGW4 / BLHE2-WGW4	BLHE GEN3 Wire Guard White for 400W Model	
105398	BLHE3-SMK1	BLHE GEN3 Surface Mount Kit for 65W, 85W, 130W, 255W AND 300W Models	
105399 / 102660	BLHE3-SMK2 / BLHE2-SMK2	BLHE GEN3 Surface Mount Kit for 170W, 210W AND 400W Models	
105397 / 102658	BLHE3-MPK / BLHE2-MPK	BLHE GEN3 Monopoint Stem Kit for all Wattages (.89" hole diameter)	
74138	MLCHKLSU15	15' CABLE KIT	
71119	MLCHKSQ	20' CABLE KIT	
104799	RMRC-100	Remote Control (for sensor models 120-277V)	
		c-Max Basic	
105567	CN-REMOTE	Control Node Remote Control	
105565	CN-RDMSW*	Control Node Round, White	
106903	CEA-RDW	c-Max External Adapter Round, White	
		c-Max Network	
106118	WNS-W	Wall Network Switch (Bluetooth) White	
105905	NN-RDMSW*	Network Node Round, White	
106391	NN-RDW	Network Node Round, White	
106318	NPP-300W	120-277V Network Power Pack 300W Max	

*To use CN-RDMSW, NN-RDMSW or NN-RDW, the CEA-RDW External adapter also needs to be purchased seperately

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BLHE Economic Linear Highbay Gen 3

ECO SERIES

Control Features

CONTROL OPTION	TECHNOLOGY	DIMMING	DAYLIGHT HARVESTING	REMOTE CONTROL	SPEC SHEET LINK
MS option** (Universal Power)	PIR motion sensing	Bi-Level	Photoelectric sensor Set point on/off	RMRC-100*	
MS option (High Voltage)	PIR motion sensing	Bi-Level	Photoelectric sensor Set point on/off	Wattstopper Apple/ Google store App	
CN-RDMSW	PIR motion sensing, Photoelectric	Bi-Level	Continuous Adjustment Mode (CAM)	CN-REMOTE*	
NN-RDMSW	PIR motion sensing. Photoelectric & Bluetooth networking	Bi-Level	Continuous Adjustment Mode (CAM)	c-Max App (iPhone or Android)	
NN-RDW	Bluetooth networking	N/A	N/A	c-Max App (iPhone or Android)	

*Need to purchase appropriate remote to commission MS and CN-RDMSW control option

**Default setting for 120-277V MS option:
Sensitivity: 100%
Hold On Time: 10s
Daylight Sensor: 30 lux
Dimming Level: 30%
Dimming Time: 60mins

Specifications

	BLHE3-065xF-yy	BLHE3-085xF-yy	BLHE3-130xF-yy	BLHE3-170xF-yy	BLHE3-210xF-yy	BLHE3-255xF-yy	BLHE3-300xF-yy	BLHE3-400xF-yy
Power Consumption	65W	85W	130W	170W	210W	255W	300W	400W
Lumens Delivered	8,450-8,515 lm	11,475-11,560 lm	17,550-17,680 lm	22,950-23,120 lm	28,350-28,560 lm	34,425-34,680 lm	40,500-40,800 lm	54,000-54,400 lm
Efficacy	130/131 lm/w	135/136 lm/w	135/136 lm/w					141 - 142 lm/w
CRI	≥ 80							
Color Temperature (K)	4000K and 5000K							
L70 Lumen maintenance	≥ 100,000 Hrs							
Power Factor	>=0.9							
Surge Protection	2.5KV (If additional 10KA surge protection is required, contact Maxlite)							
Input Voltage	120-277V, 347-480V							
Operating Temperature	-4 to 122°F ('-20°C to 50°C)							
Listings	cULus Listed, FCC, ROHS Compliant							
Environment	UL Listed for Dry/Damp locations							
Warranty	10 Years warranty							
Qualifications	DLC Premium							

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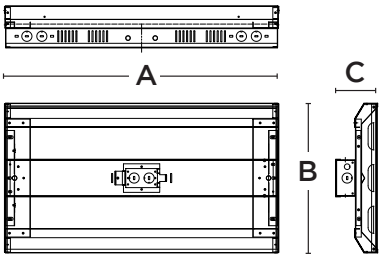
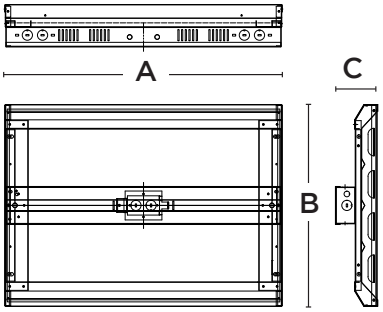
BLHE Economic Linear Highbay Gen 3

ECO SERIES

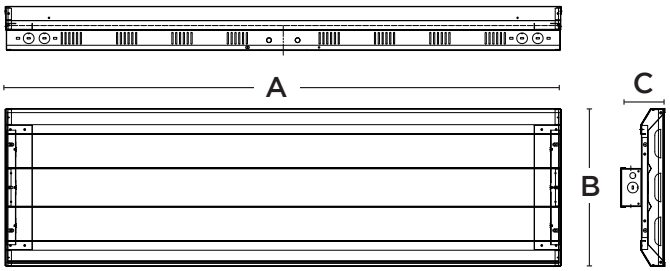
Dimensions



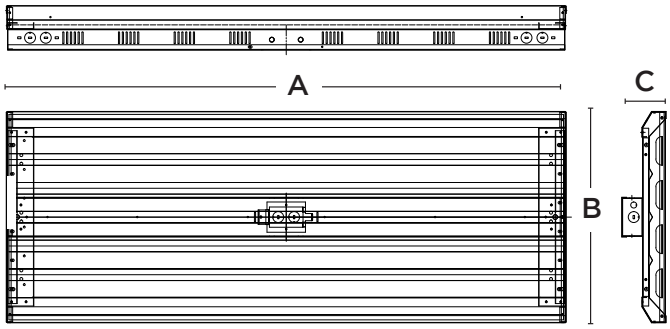
65W / 85W / 130W



170W / 210W



255W / 300W



400W

PRODUCT	A (L)	B (W)	C (H)
65W/85W/130W	24"	13"	3.37"
170W/210W	24"	17.4"	3.37"
255W/300W	46"	13"	3.37"
400W	46"	17.3"	3.37"

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