



MaxLite® BayMax Linear High Bay Eco Series

General Safety Information

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.
- DO NOT INSTALL DAMAGED PRODUCT!



Picture is for illustration purposes only. Your model may vary.

WARNING:

RISK OF ELECTRICALSHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

CAUTION:

RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

CAUTION:

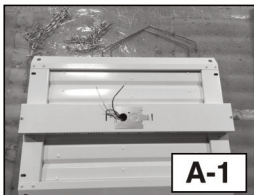
RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens.
- MIN 75°C SUPPLY CONDUCTORS.
- Disconnect power and allow fixture to cool before changing bulb or handling fixture.

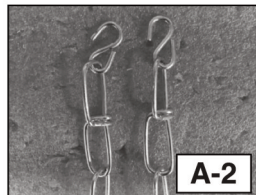
Models:

- BLHE Series
- BLHE2 Series

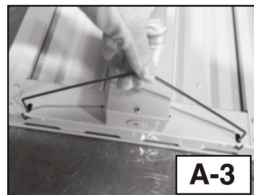
What comes in the box:



A-1: Led Fixture
QTY: 1



A-2: 40"
Knotted Chain
QTY: 2



A-3: V-Hooks
QTY: 2

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General Wiring Diagram

CAUTION: Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

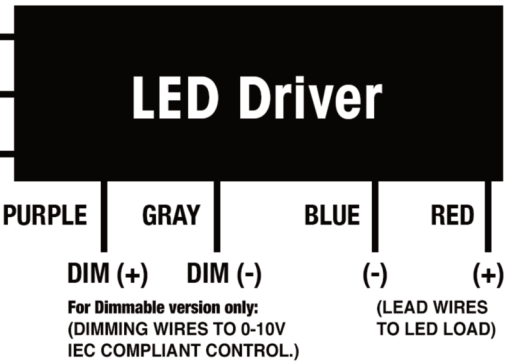
All units must be individually connected to the AC supply.

TO SOURCE
120-277V OR 347-480V
FOR 208/240/480V
SOURCES, CONNECT
SECOND HOT TO WHITE

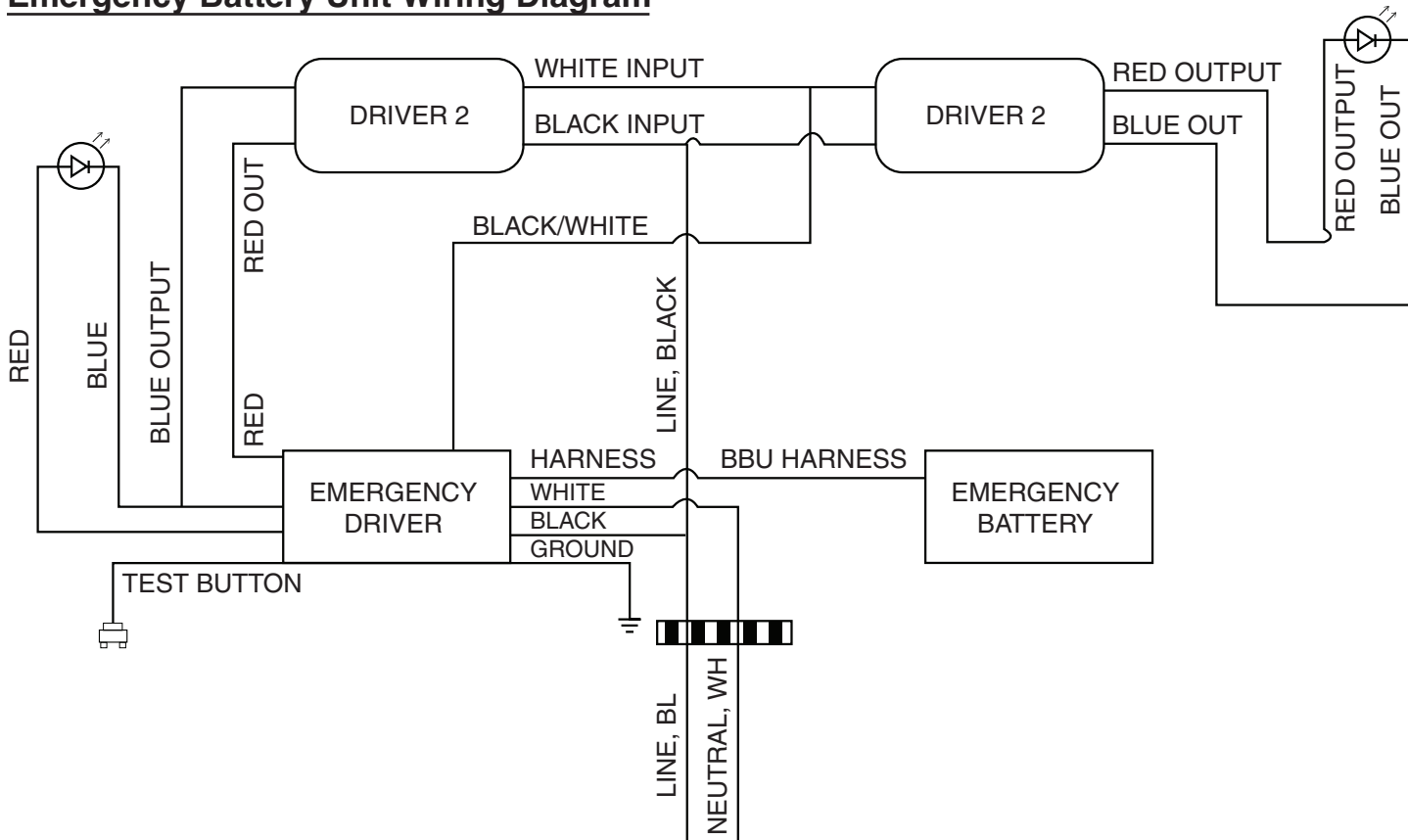
BLACK (LINE)

WHITE (NEUTRAL)

GREEN (GROUND)



Emergency Battery Unit Wiring Diagram





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Installation & Operation

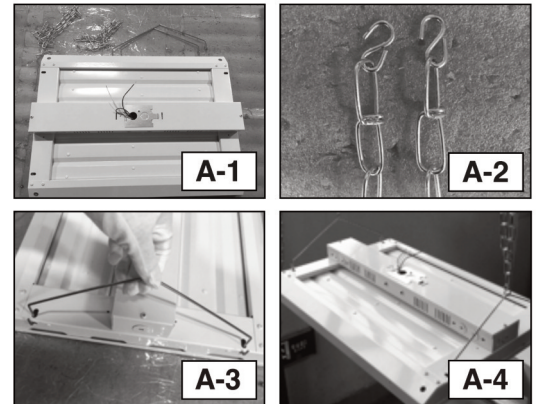
⚠ WARNING

Disconnect the power by turning off the circuit breaker or by removing the appropriate fuse at the fuse box. Turning the power off using the light switch is not sufficient to prevent electrical shock.

1. Remove the new LED fixture from packaging and inspect for any damage. Handle new LED fixture with care.
2. Connect the LED high bay wiring to line wire, black to black, white to white and green to green. Use only UL listed wiring.
3. Clean all residues/fingerprints from the new LED high bay and lens. Double check all hanging hardware before moving onto the next installation.

A: V-hook Mounting Installation (V-hooks included)*

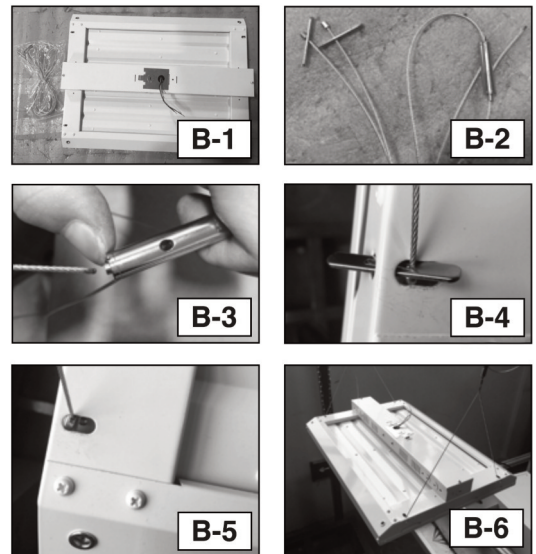
1. Ensure that both 40" knotted chains have a small hook on both ends. (Figure A-2)
2. Install both v-hooks onto each side of the fixture body. (Figure A-3)
3. Connect the v-hooks to the chains with the hooks on each chain. (Figure A-4)



B: Cable Mounting Installation (cables available separately)*

Materials Required (Figure B-1):
 One (1) LED fixture BLHE/BLHE2
 Two (2) Metal cables (not included)

1. As shown in Figure B-2 one end of the sling is buckled and fixed and the other is the regulator.
2. Press down on the end of the regulator, then one end of the sling can be pulled out. Adjust to required height. (Figure B-3)
3. Make sure the fastener passes through the hole in back of fixture completely, then hang the luminaire. (Figure B-4 & B-5)
4. Once all four fasteners are passed through installation is complete. (Figure B-6)



*C3 models has the cable standard and not the chain & hook



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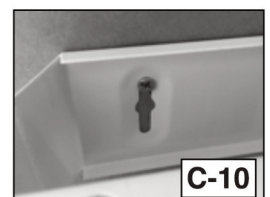
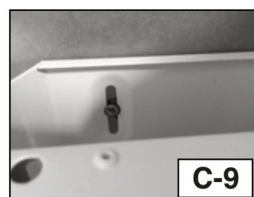
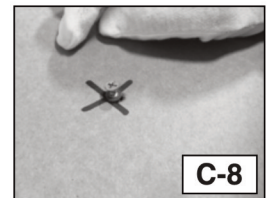
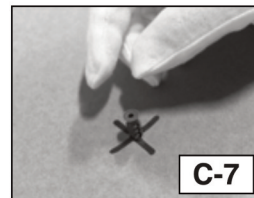
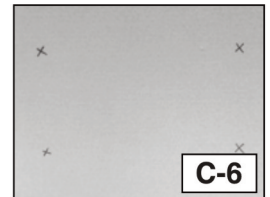
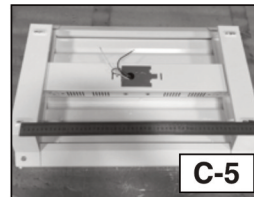
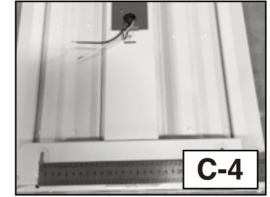
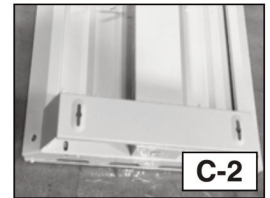
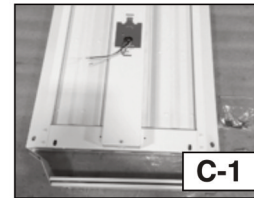
Installation & Operation

C: Surface Mounting Installation (mounting kit available separately)

Materials Required (Figure C-1):

- One (1) LED fixture **BLHE/BLHE2**
- Two (2) surface mount brackets (not included)
- Four (4) anchors (not included)
- Four (4) Tapping screws (not included)
- Four (4) hexagonal head screws (not included)

1. Place the surface mount bracket as shown in **Figure C-2**.
2. Screw the hexagonal head screw into the rivet nut to fix the surface mount bracket to the fixture body. Install both surface mount brackets onto the fixture body. (**Figure C-3**)
3. Measure the distance between the two holes on the surface mount bracket. (**Figure C-4**)
4. Measure the distance between the two holes on each surface mount bracket. (**Figure C-5**)
5. Record the measurements and mark the wall where the fixture will be installed. (**Figure C-6**)
6. Nail an anchor at each mark. (**Figure C-7**)
7. Install screw as shown at each of the four marks. (**Figure C-8**)
8. Lift the fixture to the wall to ensure that each tapping screw passes through the center hole of the mounting bracket. (**Figure C-9**)
9. Slide the fixture to the position shown in **Figure C-10**. This will ensure that the fixture stays in place.

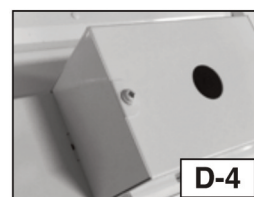
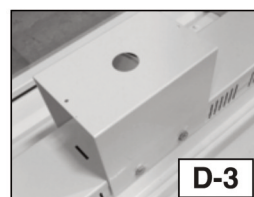
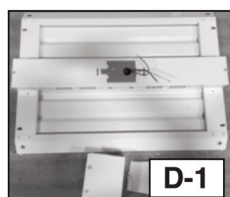


D: Stem/Pipe Mounting Installation (mounting kit available separately)

Materials Required (Figure D-1):

- One (1) LED fixture **BLHE/BLHE2**
- One (1) Surface Mount Bracket
- Two (2) Bracket Covers
- Four (4) Hexagonal Head Screws

1. Remove the outlet plate. (**Figure D-2**)
2. Screw the hexagonal head screw into the rivet nut to fix the surface mount bracket in place. (**Figure D-3**)
3. Cover the surface mount bracket with the bracket cover. One end of the cover is inserted into the hole of the drive cover plate, and the other end is fixed on the surface mount bracket by screws. Install cover as shown on both sides of the bracket. (**Figure D-4**)



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Optional Motion Sensor Settings

BELOW ARE ALL AVAILABLE SETTINGS FOR THIS MOTION SENSOR. FACTORY DEFAULT SETTINGS CAN BE CHANGED USING DIP SWITCHES, OR USING REMOTE CONTROL (RMHYTHRC-05 – PURCHASED SEPARATELY).

1 Detection area

Detection area can be reduced by selecting the combination on the DIP switches to fit precisely for each specific application.

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

2 Hold time

Hold-time means the time period to keep the lamp on 100%, after all motion has ceased (detection area vacated).

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

3 Daylight sensor

The daylight threshold can be set on DIP switches, to fit particular application.

“Daylight” : The lamp works always, even during daylight.

“Twilight” : The lamp works only in twilight and darkness.

“Darkness” : The lamp works only in darkness.

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

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 bi-level dimming control, fixture never switches off when daylight sensor is disabled.

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

5 Stand-by dimming level

This is the dimmed low light output level you would like to have after the hold-time in the absence of people.

	1	2		
I	●	●	5%	I – 5%
II	●	○	10%	II – 10%
III	○	●	20%	III – 20%
IV	○	○	30%	IV – 30%



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Optional Motion Sensor Remote Control Settings

Permanent ON/OFF [button ①]

1. Press button ①, to select permanent ON or permanent OFF mode.
2. Press button ②③④ to resume automatic operation (Please refer to example below)

Auto Mode [button ②]

Press button ② to initiate automatic mode. The sensor starts working and all settings remain as before the light was switched ON/OFF.

RESET [button ③]

Press button ③, all settings go back to the value of DIP switch settings.

Test 2s function [button ④]

1. Press button ④, the sensor goes into testmode {hold time2s}. N.B. the stand-by period and daylight sensor settings are disabled in test mode.
2. Press button ③④⑩ to exit from this mode, and the sensor settings are changed accordingly.

Ambient daylight threshold [button ⑩]

Press button ⑩, the latest surrounding lux value overwrites previous lux value learned, and is set as the daylight threshold. This feature enables the fixture to function well in any environment.

Power output [button ⑤]

Press button ⑤, the output shifts between 80% and 100%, for energy saving purposes.

Dim +/- [button ⑨]

Press button ⑨ to adjust the light brightness between 10%~100% during hold-time. "+" increases the level of light, "-" will decrease the light level.

Lux disable [button ⑭]

Press button ⑭, the built-in display sensor is disabled, the light will always operate upon detection, regardless of ambient light level.

Manual override / Semi-auto [button ⑮]

Press button ⑮, the sensor goes to manual override or semi-auto function.

Note: The buzzer beeps twice if it is in manual override mode, and beeps once if it shifts to semi-auto mode.

Detection range [button ⑥]

Press buttons in zone ⑥, in zone to set detection range at 100% / 50% / 10%.

Hold time [button ⑪]

Press buttons in zone ⑪, to set the hold time at 30s / 1min / 5min / 10min / 30min.

Stand-by period [button ⑫]

Press buttons in zone ⑫, to set the stand-by period at 0s / 10s / 1min / 10min / 30min / +∞.

Note: "0s" means on/off control; "+∞" means bi-level of dimming control, the light will never switch off. (i.e. the light remains at the stand-by dimming level until motion is detected.)

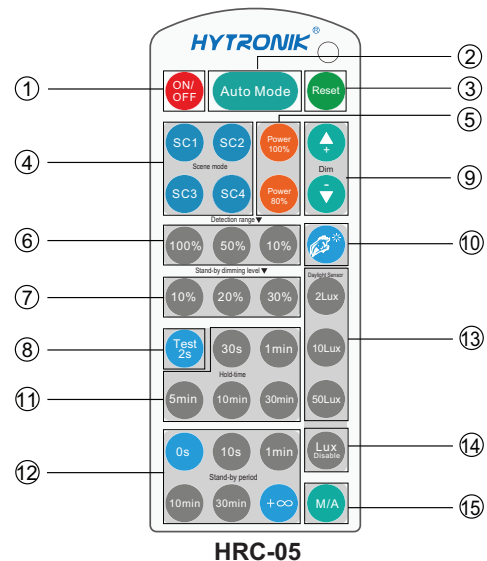
Stand-by dimming level [button ⑦]

Press buttons in zone ⑦, to set the stand-by dimming level at 10% / 20% / 30%.

Daylight sensor [button ⑬]

Press buttons in zone ⑬, to set daylight sensor at 2Lux / 10Lux / 50Lux.

TECHNICAL DATA	
Operating Voltage	120~277VAC
Switched power (captive load)	400W@120VAC; 800W@230VAC; 1000W@277VAC
Stand-by power	<1W
Detection area	10% / 50% / 75% / 100% (100% / 50% / 10% on RC)
Hold-time	5s/30s/1min/5min/10min/20min/30min (TEST 2s/30s/1min/5min/10min/30min on RC)
Stand-by period	0s/10s/1min/5min/10min/1hr/+∞ (0s /10s/1min/10min/30min/+∞ on RC)
Stand-by dimming level	5%/10%/20%/30% (10%/20%/30% on RC)
Daylight threshold	2~50Lux/disable (2Lux/10Lux/50Lux disable on RC)
Sensor principle	High frequency (microwave)
Microwave frequency	5.8GHz±/-75MHz
Microwave power	<0.2mW
Detection range	Max (OxH): 8m x 5m
Detection angle	30° ~ 150°
Mounting height	Max. 5m
Operating temperature	-20°C ~ +60°C
Certificate	Semko, CB, EMC, CE, R&TTE, SAA



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Warranty Information

MaxLite Inc. warrants its products for a minimum period of **FIVE (5)** years from the earlier of the actual installation date or 90 days after the original date of purchase from a MaxLite authorized distributor/dealer (the "Warranty Period"), as follows: If a Product fails to operate during the Warranty Period as a result of defects in materials or workmanship, MaxLite will, at its option, repair it, replace it with the same or like Product.

Please refer to Maxlite's website (at <http://maxlite.com/resources/warranties>) for the complete coverage details as well as the terms and conditions of our warranty. Please note that it is NOT a requirement to register your warranty in order to initiate a warranty claim unless a Ten Year warranty has been purchased separately, or when applicable and/or purchased separately, your warranty contains a replacement labor allowance.

Limitation of Liability

THIS WARRANTY IS EXCLUSIVE, AND IS THE SOLE REMEDY FOR ANY AND ALL CLAIMS, WHETHER IN CONTRACT, IN TORT OR OTHERWISE ARISING FROM THE FAILURE OF PRODUCT AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED TO THE EXTENT PERMITTED BY LAW AND, IN ANY EVENT, SHALL BE LIMITED TO THE WARRANTY PERIOD SPECIFIED ABOVE. THE LIABILITY OF MAXLITE SHALL BE LIMITED TO THE TERMS OF THE EXPRESS WARRANTY SET FORTH HEREIN. IN NO EVENT WILL MAXLITE BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL, LABOR COSTS, REMOVAL OR INSTALLATION COSTS, WHETHER OR NOT MAXLITE HAS BEEN ADVISED OF THE POSSIBILITY THEREOF. UNDER NO CIRCUMSTANCES SHALL MAXLITE'S ENTIRE LIABILITY FOR A DEFECTIVE PRODUCT EXCEED THE PURCHASE PRICE OF THAT PRODUCT (EXCLUDING LABOR WARRANTY COVERAGE WHERE SPECIFICALLY OFFERED BY MAXLITE). WARRANTY SERVICES PROVIDED UNDER THESE TERMS AND CONDITIONS DONOT ENSURE THE UNINTERRUPTED OPERATION OF PRODUCTS; MAXLITE SHALL NOT BE LIABLE FOR DAMAGES CAUSED BY ANY DELAYS INVOLVING WARRANTY SERVICE.

This Warranty gives you specific legal rights and you may also have other rights that may vary from state to state. Because some states or jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, such limitation may not apply to you.