

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
- 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 | ORDER CODE | MODEL NUMBER | DLC# | DLC CATEGORY |
|------------|----------------|----------|--|----------------|----------------|----------|---|
| 105362 | BLHE3-065UF-40 | PSSLSYIN | Low-Bay Luminaires for Commercial and Industrial Buildings | 105378 | BLHE3-210UF-40 | P8NVQQC9 | High-Bay Luminaires for Commercial and Industrial Buildings |
| 105363 | BLHE3-065UF-50 | PJRCZ69R | | 105379 | BLHE3-210UF-50 | P7J64WMA | |
| 105366 | BLHE3-085UF-40 | PCXTYUAR | | 105382 | BLHE3-255UF-40 | P4Y8NPLB | |
| 105367 | BLHE3-085UF-50 | PZJ3KWCH | 105383 | BLHE3-255UF-50 | PLQBGEHR | | |
| 105370 | BLHE3-130UF-40 | PT3H08RI | 105386 | BLHE3-300UF-40 | PY0MLJTV | | |
| 105371 | BLHE3-130UF-50 | PHMQISCC | 105387 | BLHE3-300UF-50 | PFJVC1YA | | |
| 105374 | BLHE3-170UF-40 | P7EAHSYX | 105390 | BLHE3-400UF-40 | PG1XKF7Y | | |
| 105375 | BLHE3-170UF-50 | P6VMY3G | 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 warranted 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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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 separately

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) |  |

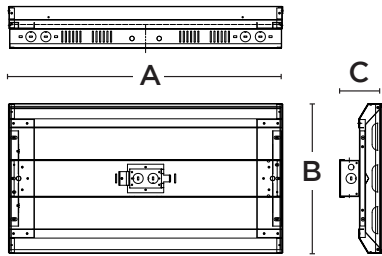
*Need to purchase appropriate remote to commission MS and CN-RDMSW control option

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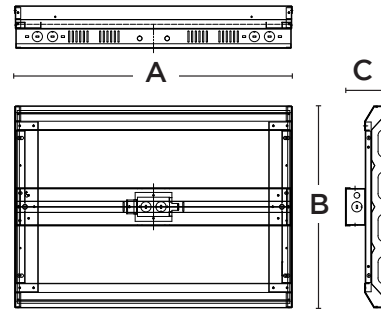
ECO SERIES

| 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 | | | | | | | |

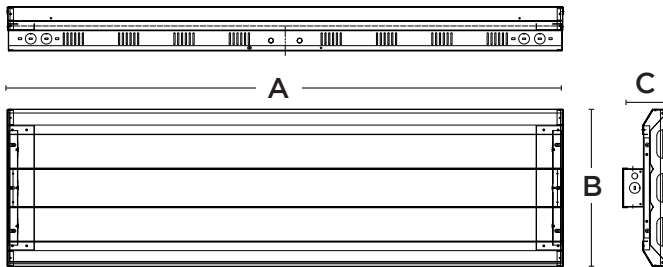
Dimensions



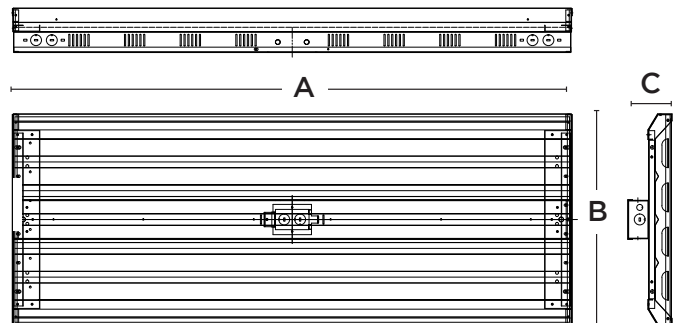
65W / 85W / 130W



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" |