

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:

- 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 700 lumens for 90 minutes, when fully charged

### Ordering Information

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

### Stocked Items

| ORDER CODE | MODEL NUMBER   | DLC#     | DLC CATEGORY                                                | ORDER CODE | MODEL NUMBER   | DLC#     | DLC CATEGORY                                                |
|------------|----------------|----------|-------------------------------------------------------------|------------|----------------|----------|-------------------------------------------------------------|
| 105362     | BLHE3-065UF-40 | PSSLYSIN | 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 | High-Bay Luminaires for Commercial and Industrial Buildings | 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 | P6VMYY3G |                                                             | 105391     | BLHE3-400UF-50 | PW9DPZ8N |                                                             |


**10-year standard warranty with labor allowance** (further details available at [www.maxlite.com/warranties](http://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     | BLHE3-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     | BLHE3-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     | BLHE3-SMK2   | BLHE GEN3 SURFACE MOUNT KIT FOR 210W AND 400W MODELS                 |       |
| 105397     | BLHE3-MPK    | BLHE GEN3 MONOPOINT STEM KIT FOR ALL WATTAGES                        |       |
| 74138      | MLCHKLSU15   | 15' CABLE KIT                                                        |       |
| 71119      | MLCHKSQ      | 20' CABLE KIT                                                        |       |
| 104799     | RMRC-100     | Remote Control (for sensor models)                                   |       |

## Sensor

| SENSOR    | TECHNOLOGY         | DIMMING  | DAYLIGHT HARVESTING                      | REMOTE CONTROL | QR CODE |
|-----------|--------------------|----------|------------------------------------------|----------------|---------|
| MS option | PIR motion sensing | Bi-Level | Photoelectric sensor<br>Set point on/off | RMRC-100       |         |

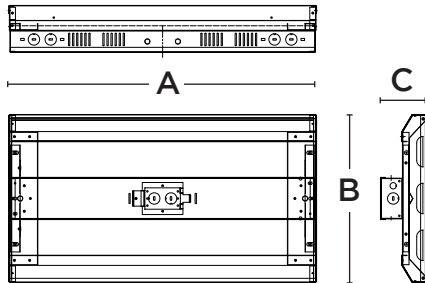
## BLHE Economic Linear Highbay Gen 3

### ECO SERIES

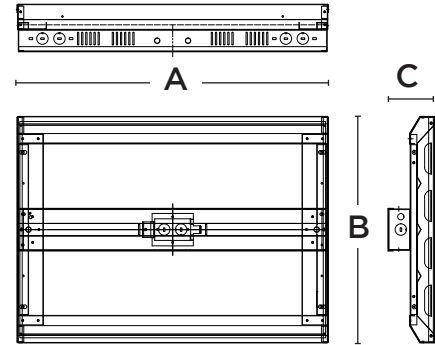
#### Specifications

|                       | BLHE3-065UF-xx                    | BLHE3-085UF-xx  | BLHE3-130UF-xx   | BLHE3-170UF-xx   | BLHE3-210UF-xx   | BLHE3-255UF-xx   | BLHE3-300UF-xx   | BLHE3-400UF-xx   |
|-----------------------|-----------------------------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Power Consumption     | 65W                               | 85W             | 130W             | 170W             | 210W             | 255W             | 300W             | 400W             |
| Lumens Delivered      | 8,450-8,515 lm                    | 11,475-1,560 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                             |                 |                  |                  |                  |                  |                  |                  |
| Input Voltage         | 120-277V                          |                 |                  |                  |                  |                  |                  |                  |
| Operating Temperature | -40 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                       |                 |                  |                  |                  |                  |                  |                  |

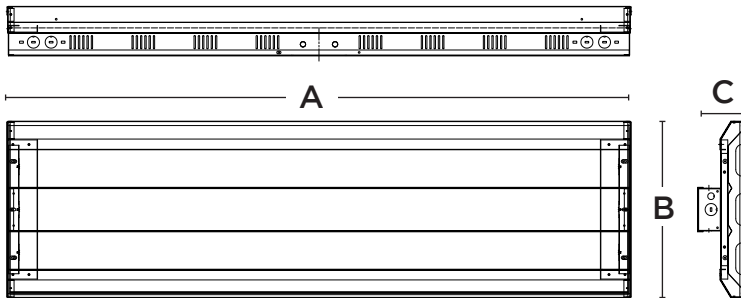
#### Dimensions



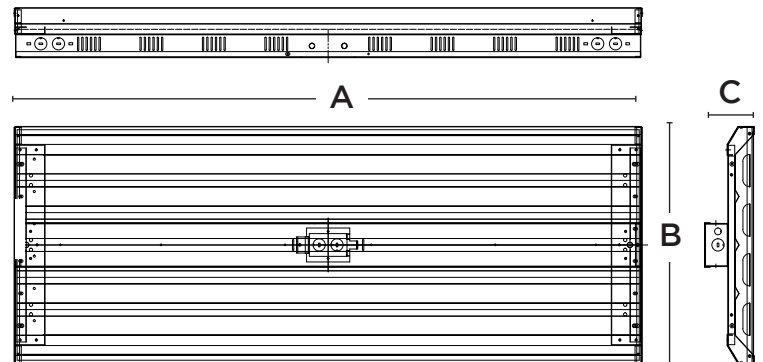
65W / 85W / 130W



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" |