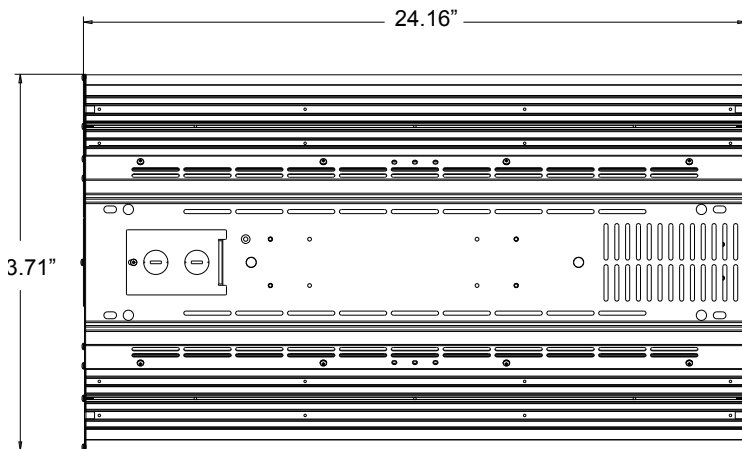


**LED HIGH BAY LINEAR**  
**HL SERIES GEN 2**



**PRODUCT DESCRIPTION:**

The LED Linear high bay Series offers leading-edge efficacy and scalability for high ceiling applications such as warehouses, distribution centers, manufacturing facilities and big box retailers. Measuring just 14" x 24," the LED luminaires deliver the high lumen output associated with traditional fluorescent and HID high bays in a form factor one-quarter the size.

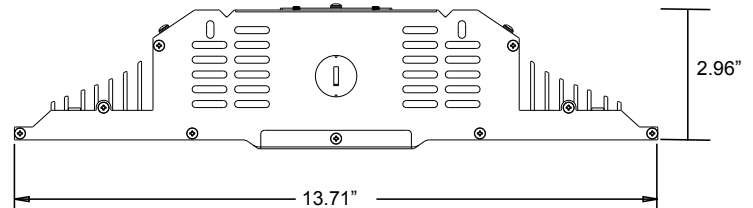
The Linear High Bay Series comes with a standard high efficiency translucent optic for wide beam distribution to achieve optimal lumen output and energy savings. Choose from cable, pendant, and surface mounting options, as well as various motion sensors and emergency battery backup, to create a custom that meets any lighting requirement.

**FEATURES:**

- 120-277V standard, 347-480V available
- Power factor >0.9
- 0-10V dimming standard
- Indoor/Damp rated
- L70 100,000 hours
- 5 year limited warranty, 10 year warranty eligible

**CONSTRUCTION:**

- Wide lens distribution
- High efficiency translucent optic standard
- Dimensions: 24.2"x13.7"x3"



**MODEL SELECTION**

Typical order example: HL-130UF-50EM

| HL                  | - |                                                |                            |                                 | - |                        |                                         |                                                                                                                                          |                                                                                                               |
|---------------------|---|------------------------------------------------|----------------------------|---------------------------------|---|------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| FAMILY              | - | WATTAGE                                        | VOLTAGE                    | LENS                            | - | CCT                    | BBU                                     | CORD SET                                                                                                                                 | OPTIONS                                                                                                       |
| HL= High Bay Linear | - | 90= 90W<br>130= 130W<br>160= 160W<br>185= 185W | U= 120-277V<br>H= 347-480V | (OMIT)= None<br>F= Frosted Lens | - | 40= 4000K<br>50= 5000K | (OMIT)= None<br>EM= Battery Backup Unit | (OMIT)= None<br>C1= 120V Cord & 5-15P Plug<br>C2= 277V Cord & L7-15P Plug<br>C3= 347V Cord & L24-20P Plug<br>C4= 480V Cord & L8-20P Plug | (OMIT)= None<br>MSO= On/Off Motion Sensor<br>MSC= Bi-Level w/remote capability<br>MSV= Bi-Level Motion Sensor |

**NOTES:**

- Battery backup provides 2800 lumens for 90 minutes
- Battery backup and optional cords cannot be used together
- Battery backup cannot be used with 347-480V product
- When high voltage is required, MSV is the only sensor option available
- Factory installed EM option not available to be sold in CA or OR, order code #102621 can be used as a field installable accessory

### SPECIFICATIONS:

|                     |                       | HL-090UF-50                                                                                                            | HL-130UF-50 | HL-160UF-50           | HL-185UF-50 |
|---------------------|-----------------------|------------------------------------------------------------------------------------------------------------------------|-------------|-----------------------|-------------|
| ITEM                | SPECIFICATION         | DETAILS                                                                                                                |             |                       |             |
| GENERAL PERFORMANCE | Power Consumption (W) | 91.8W                                                                                                                  | 128.4W      | 158.1W                | 177.5W      |
|                     | Equivalent Wattage    | 4x54W T5HO                                                                                                             | 6x54W T5HO  | 400W, HID, 6x54W T5HO | 8x54W T5HO  |
|                     | Lumens Delivered (lm) | 11,800 lm                                                                                                              | 16,770 lm   | 20,990 lm             | 24,250 lm   |
|                     | Efficacy (lm/W)       | 129 lm/W                                                                                                               | 131 lm/W    | 133 lm/W              | 137 lm/W    |
|                     | CRI                   | ≥80                                                                                                                    |             |                       |             |
|                     | Color Temperature (K) | 4000K, 5000K                                                                                                           |             |                       |             |
|                     | L70 Lifetime (hours)  | 100,000                                                                                                                |             |                       |             |
|                     | Color Consistency     | Proprietary binning for uniform color                                                                                  |             |                       |             |
|                     | Emergency Operation   | Minimum 3000 lumens for 90 mins                                                                                        |             |                       |             |
| ELECTRICAL          | Power Factor          | 0.99                                                                                                                   |             |                       |             |
|                     | Input Voltage         | 120-277V (347-480V optional)                                                                                           |             |                       |             |
| PHYSICAL            | Mounting              | V hook standard for chain/cable mount.<br>(chain/cable not included. See Mounting Accessories Chart for other options) |             |                       |             |
|                     | Operating Temperature | -34°C to 50°C (-30°F to 122°F)/ For EM units 0°C - 40°C (32°F - 104°F)                                                 |             |                       |             |
|                     | Humidity              | 10-85% RH, non-condensing                                                                                              |             |                       |             |
| QUALIFICATION       | Certifications        | cULus, FCC, DLC Premium                                                                                                |             |                       |             |
|                     | Material Usage        | RoHS compliant; no mercury                                                                                             |             |                       |             |
|                     | Environment           | Indoor / Damp                                                                                                          |             |                       |             |
|                     | Warranty              | 5 year limited warranty (10 year limited warranty available, contact Maxlite for more info.)                           |             |                       |             |

### ORDERING\*:

| DLC PRODUCT ID | MODEL    | MODEL NUMBER | WATTAGE | CCT   |
|----------------|----------|--------------|---------|-------|
| PRBBLIRR       | 14099567 | HL-090UF-40  | 90      | 4000K |
| PAEG9PRX       | 14099568 | HL-090UF-50  |         | 5000K |
| PV9XA8NB       | 14099569 | HL-130UF-40  | 130     | 4000K |
| PXBBYZGO       | 14099570 | HL-130UF-50  |         | 5000K |
| PIX9VUZH       | 14099571 | HL-160UF-40  | 160     | 4000K |
| P2QVR6AI       | 14099572 | HL-160UF-50  |         | 5000K |
| P95WOKGH       | 14099573 | HL-185UF-40  | 185     | 4000K |
| P6AHISLV       | 14099574 | HL-185UF-50  |         | 5000K |

\*Please contact your MaxLite representative to order products that don't have order codes listed here.

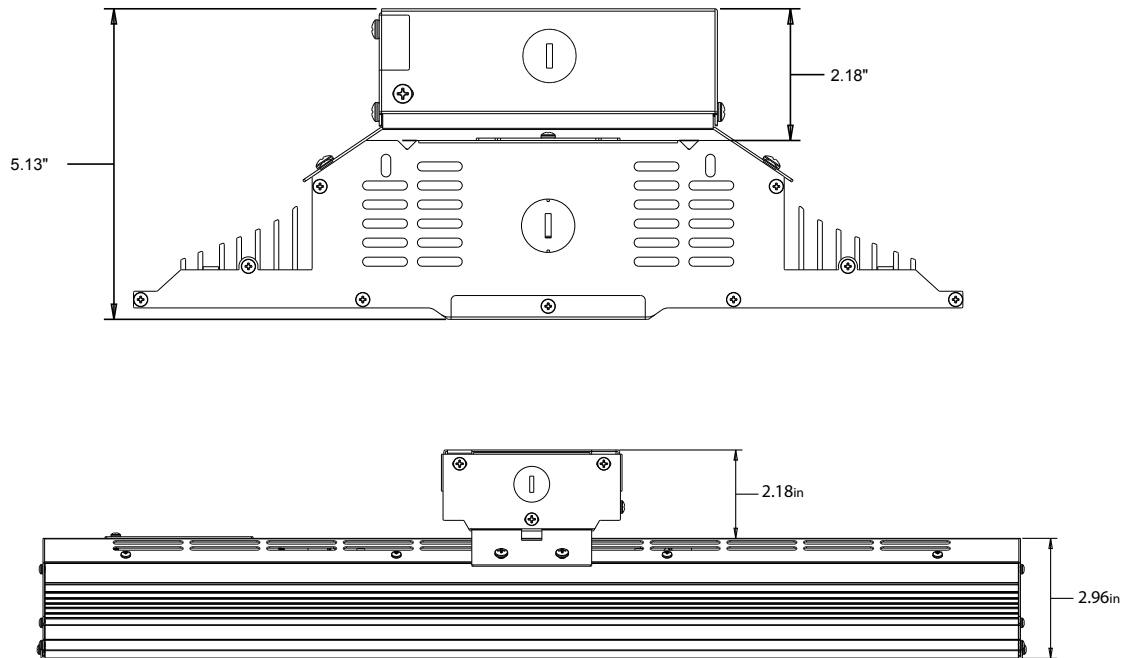
| SENSOR OPTION  | TECHNOLOGY | DIMMING  | DAYLIGHT HARVESTING | REMOTE CONTROL | QR CODE                                                                             |
|----------------|------------|----------|---------------------|----------------|-------------------------------------------------------------------------------------|
| MSO            | PIR        | On/Off   | Set Point           | No             |  |
| MSV            | PIR        | Bi-Level | Set Point           | No             |  |
| MSV (347-480V) | PIR        | Bi-Level | Set Point           | Yes            |  |
| MSC            | PIR        | Bi-Level | Continuous          | Yes            |  |

For motion sensor settings and information, please visit [www.maxlite.com/controls](http://www.maxlite.com/controls)

### ACCESSORIES:

| ACCESSORY IMAGE                                                                     | MODEL NUMBER       | ORDER CODE | DESCRIPTION                                                |
|-------------------------------------------------------------------------------------|--------------------|------------|------------------------------------------------------------|
|  | HL-WGW2            | 14099775   | WIRE GUARD                                                 |
|  | HL-SMK2            | 14099776   | SURFACE MOUNT/ MONOPOINT KIT                               |
|  | BLHTD120-12/5      | 101286     | 10' MODULAR WIRING DROP (120V)                             |
|  | BLHTD277/480-12/5  | 75324      | 10' MODULAR WIRING DROP (277/480V)                         |
|  | MLCHKLSU15         | 74138      | 15' CABLE HANGING KIT                                      |
|  | MLCHKSQ            | 71119      | 20' CABLE HANGING KIT                                      |
|  | RMTITXSRP280       | 103492     | REMOTE CONTROL FOR MSC COMMISSIONING                       |
|  | FSIR-100           | 102184     | REMOTE CONTROL FOR MSV 347-480V COMMISSIONING              |
|  | EBUUP20020D0400S-H | 102621     | Field Installable Emergency Battery, Backup [50v-200V] 20W |

**HL HIGH BAY WITH SURFACE MOUNT/ MONOPOINT KIT:**



**OPERATIONAL DATA:**

|                         | NOMINAL WATTAGE | NO LENS |          |                 | FROSTED LENS |          |                 |
|-------------------------|-----------------|---------|----------|-----------------|--------------|----------|-----------------|
|                         |                 | LUMENS  | EFFICACY | WATTAGE AT 120V | LUMENS       | EFFICACY | WATTAGE AT 120V |
| Delivered Lumens, 4000K | 90W             | 13,340  | 144      | 92.9            | 12,130       | 131      | 92.9            |
|                         | 130W            | 19,130  | 144      | 133.7           | 17,540       | 131      | 133.7           |
|                         | 160W            | 23,950  | 148      | 162.3           | 21,780       | 134      | 162.3           |
|                         | 185W            | 27,450  | 153      | 179.2           | 24,950       | 139      | 179.2           |
| Delivered Lumens, 5000K | 90W             | 12,980  | 142      | 91.8            | 11,800       | 129      | 91.8            |
|                         | 130W            | 18,440  | 144      | 128.4           | 16,700       | 131      | 128.4           |
|                         | 160W            | 23,080  | 146      | 158.1           | 20,990       | 133      | 158.1           |
|                         | 185W            | 26,680  | 150      | 177.5           | 24,250       | 137      | 177.5           |

