

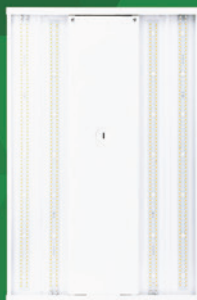


## LINEAR HIGH BAY

## SERIES GKOMLHG4



1'X2':  
90W / 130W



2'X2':  
130W / 180W / 210W



1'X4':  
130W / 180W / 210W



2'X4':  
270W / 300W / 370W

## Product Overview

High performing, DLC Premium Linear High Bay lights are an energy-efficient replacement for traditional T5 or T8 fixtures with mounting heights ranging from 15' to 60'. They are widely used in warehouses, workshops, convention centers, gymnasiums, factories and other industrial and commercial indoor areas.



## Key Features

### CONSTRUCTION:

- Rugged cold-rolled steel housing in a slim and modern design.

### OPTICS:

- Shatter-resistant and UV-resistant polycarbonate lens.

### FINISH:

- The exterior is protected by a white rust-resistant powder coat finish that provides superior resistance to weathering and corrosion.

### OPTICS:

- Light engines are available in standard 4000K and 5000K configurations.
- A range of lumen options available from 12,600 to 50,500 Lumens, replaces up to 20 F54T5 or 24 F32T8.
- UGR: <22, as per the DLC 5.1 requirements.

### ELECTRICAL:

- Standard 120-277V input voltage, optional 347-480V input voltage.
- Standard 6KV surge protection, meeting the industrial ANSI standards.
- 1-10V dimming driver(s) as default.
- THD: ≤20%, Power Factor: ≥90%.

### CONTROLS:

- Optional PIR motion sensor - BRI823 (factory-installed).
- Optional motion sensor remote control - RC-100. Used for changing the motion sensor default settings, allows the user to program multiple sensors with ease and program the sensor after the fixture is installed.
- Optional emergency battery backup provides up to 90 minutes of operation during outages (factory-installed).
- Bluetooth NLC Listed PIR motion sensor, utilizing a Bluetooth SIG mesh network operated with iOS, Android, and web, optional for all models - BRI823-B-D-BLE-SR-B (field-installed).

### INSTALLATION:

- Chain mount with included steel mounting cable.
- Pendant mount with optional pendant hanger (unavailable for 1'x2' 90W/130W).
- Optional wire guard protects lens against impact.

### WARRANTY:

- 5 Year Limited Warranty.

### LISTINGS:

- DesignLights Consortium® (DLC) Premium qualified.
- UL certified for damp locations.
- Rated for ambient operating temperature -40°F to 131°F (-40°C to 55°C).



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# Performance Data

## Lumen Output

| System Watts | Voltage             | Photometry       | 4000K(80CRI) |          | 5000K(80CRI) |           |
|--------------|---------------------|------------------|--------------|----------|--------------|-----------|
|              |                     |                  | Lumens       | Efficacy | Lumens       | Efficacy  |
| 90W          | 120-277V / 347-480V | General High Bay | 12600lm      | 140lm/W  | 12600lm      | 140lm/W   |
| 130W         | 120-277V / 347-480V | General High Bay | 18500lm      | 142lm/W  | 18500lm      | 142lm/W   |
| B130W        | 120-277V / 347-480V | General High Bay | 18500lm*     | 142lm/W* | 18500lm*     | 142lm/W*  |
| 180W         | 120-277V / 347-480V | General High Bay | 25200lm      | 140lm/W  | 25200lm      | 140lm/W   |
| 210W         | 120-277V / 347-480V | General High Bay | 29000lm      | 138lm/W  | 29000lm      | 138lm/W   |
| L130W        | 120-277V / 347-480V | General High Bay | 18500lm      | 142lm/W  | 18500lm      | 142lm/W   |
| L180W        | 120-277V / 347-480V | General High Bay | 24000lm      | 133lm/W  | 24000lm      | 133lm/W   |
| L210W        | 120-277V / 347-480V | General High Bay | 29000lm*     | 138lm/W* | 29000lm*     | 138 lm/W* |
| 270W         | 120-277V / 347-480V | General High Bay | 37000lm      | 137lm/W  | 37000lm      | 137lm/W   |
| 300W         | 120-277V / 347-480V | General High Bay | 41500lm      | 138lm/W  | 41500lm      | 138lm/W   |
| 370W         | 120-277V / 347-480V | General High Bay | 50500lm      | 136lm/W  | 50500lm      | 136lm/W   |

\*Estimated values based on testing data.

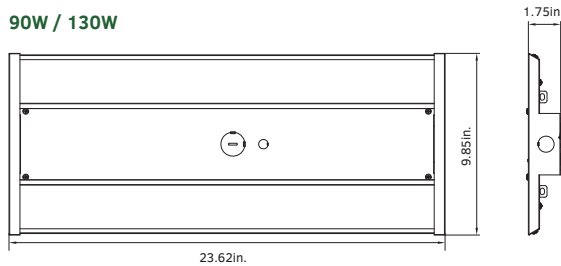
## Electrical Data

| Number of Drivers | Driver Current (mA) | Nominal Power (W) | Input Voltage (V) | Current (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 1                 | 2400                | 90                | 120               | 0.75           |
|                   |                     | 90                | 208               | 0.43           |
|                   |                     | 90                | 240               | 0.38           |
|                   |                     | 90                | 277               | 0.32           |
|                   |                     | 90                | 347               | 0.26           |
|                   |                     | 90                | 480               | 0.19           |
| 2                 | 3300                | 130               | 120               | 1.08           |
|                   |                     | 130               | 208               | 0.63           |
|                   |                     | 130               | 240               | 0.54           |
|                   |                     | 130               | 277               | 0.47           |
|                   | 3200                | 130               | 347               | 0.37           |
|                   |                     | 130               | 480               | 0.27           |
| 2                 | 3300                | 130               | 120               | 1.08           |
|                   |                     | 130               | 208               | 0.63           |
|                   |                     | 130               | 240               | 0.54           |
|                   |                     | 130               | 277               | 0.47           |
|                   |                     | 130               | 347               | 0.37           |
|                   |                     | 130               | 480               | 0.27           |
| 2                 | 4800                | 180               | 120               | 1.50           |
|                   |                     | 180               | 208               | 0.87           |
|                   |                     | 180               | 240               | 0.75           |
|                   |                     | 180               | 277               | 0.65           |
|                   |                     | 180               | 347               | 0.52           |
|                   |                     | 180               | 480               | 0.38           |

| Number of Drivers | Driver Current (mA) | Nominal Power (W) | Input Voltage (V) | Current (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 2                 | 5200                | 210               | 120               | 1.75           |
|                   |                     | 210               | 208               | 1.01           |
|                   |                     | 210               | 240               | 0.88           |
|                   |                     | 210               | 277               | 0.76           |
|                   |                     | 210               | 347               | 0.61           |
|                   |                     | 210               | 480               | 0.44           |
| 2                 | 3300                | L130              | 120               | 1.08           |
|                   |                     | L130              | 208               | 0.63           |
|                   |                     | L130              | 240               | 0.54           |
|                   |                     | L130              | 277               | 0.47           |
|                   | 3200                | L130              | 347               | 0.37           |
|                   |                     | L130              | 480               | 0.27           |
| 2                 | 4800                | L180              | 120               | 1.50           |
|                   |                     | L180              | 208               | 0.87           |
|                   |                     | L180              | 240               | 0.75           |
|                   |                     | L180              | 277               | 0.65           |
|                   |                     | L180              | 347               | 0.52           |
|                   |                     | L180              | 480               | 0.38           |
| 2                 | 5200                | L210              | 120               | 1.75           |
|                   |                     | L210              | 208               | 1.01           |
|                   |                     | L210              | 240               | 0.88           |
|                   |                     | L210              | 277               | 0.76           |
|                   |                     | L210              | 347               | 0.61           |
|                   |                     | L210              | 480               | 0.44           |
| 4                 | 6520                | 270               | 120               | 2.25           |
|                   |                     | 270               | 208               | 1.30           |
|                   |                     | 270               | 240               | 1.13           |
|                   |                     | 270               | 277               | 0.97           |
|                   | 6400                | 270               | 347               | 0.78           |
|                   |                     | 270               | 480               | 0.56           |
| 4                 | 7200                | 300               | 120               | 2.50           |
|                   |                     | 300               | 208               | 1.44           |
|                   |                     | 300               | 240               | 1.25           |
|                   |                     | 300               | 277               | 1.08           |
|                   | 7400                | 300               | 347               | 0.86           |
|                   |                     | 300               | 480               | 0.63           |
| 4                 | 9600                | 370               | 120               | 3.08           |
|                   |                     | 370               | 208               | 1.78           |
|                   |                     | 370               | 240               | 1.54           |
|                   |                     | 370               | 277               | 1.34           |
|                   |                     | 370               | 347               | 1.07           |
|                   |                     | 370               | 480               | 0.77           |

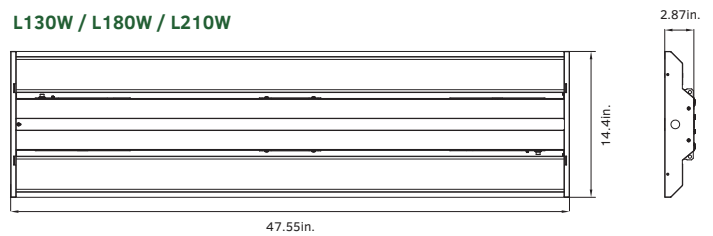
# Dimensions & Weight

## 90W / 130W



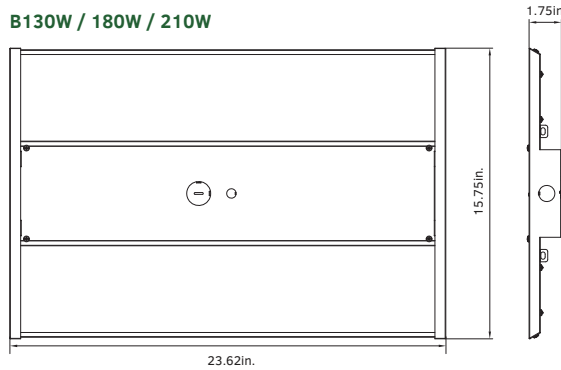
Weight  
90W: 5.84 lb.  
130W: 7.32 lb.

## L130W / L180W / L210W



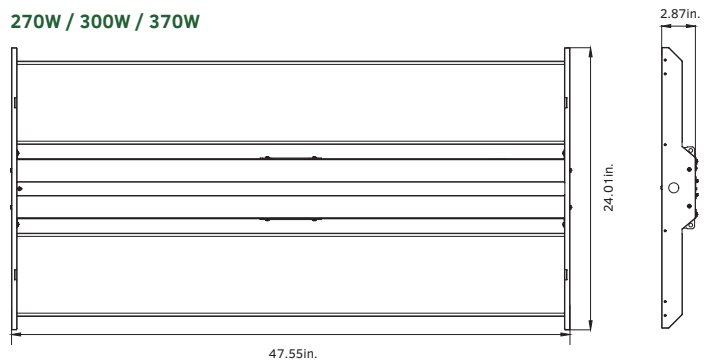
Weight  
L130W: 13.91 lb.  
L180W: 14.76 lb.  
L210W: 15.12 lb.

## B130W / 180W / 210W



Weight  
B130W: 8.92 lb.  
180W: 9.19 lb.  
210W: 9.26 lb.

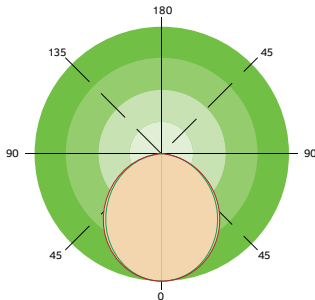
## 270W / 300W / 370W



Weight  
270W: 22.46 lb.  
300W: 22.49 lb.  
370W: 22.50 lb.

# Photometric Distribution

## General



# Ordering Information

| Linear High Bay Series GKOMLHG4 |                      |                      |                      |                      |                        | Example: GKOMLHG4130W27V50KCD |                      |
|---------------------------------|----------------------|----------------------|----------------------|----------------------|------------------------|-------------------------------|----------------------|
| Fixture Type                    | Wattage              | Voltage              | CCT                  | Lens                 | Sensor (Optional)      | Emergency Battery (Optional)  | Internal Code        |
| <input type="text"/>            | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/>   | <input type="text"/>          | <input type="text"/> |
| GKOMLHG4                        | 90W                  | 27V 120-277V         | 40K 4000K            | CD Clear Lens        | M With 120-277V Sensor | B With Battery                | Blank                |
|                                 | 130W                 | 48V 347-480V         | 50K 5000K            |                      | Blank Without Sensor   | Blank Without Battery         | Alphanumeric         |
|                                 | B130W                |                      |                      |                      |                        |                               |                      |
|                                 | 180W                 |                      |                      |                      |                        |                               |                      |
|                                 | 210W                 |                      |                      |                      |                        |                               |                      |
|                                 | L130W                |                      |                      |                      |                        |                               |                      |
|                                 | L180W                |                      |                      |                      |                        |                               |                      |
|                                 | L210W                |                      |                      |                      |                        |                               |                      |
|                                 | 270W                 |                      |                      |                      |                        |                               |                      |
|                                 | 300W                 |                      |                      |                      |                        |                               |                      |
|                                 | 370W                 |                      |                      |                      |                        |                               |                      |

Note: 1. Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org](http://www.designlights.org) to confirm qualification. 2. Emergency Battery Backup is not available for 347-480V.



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