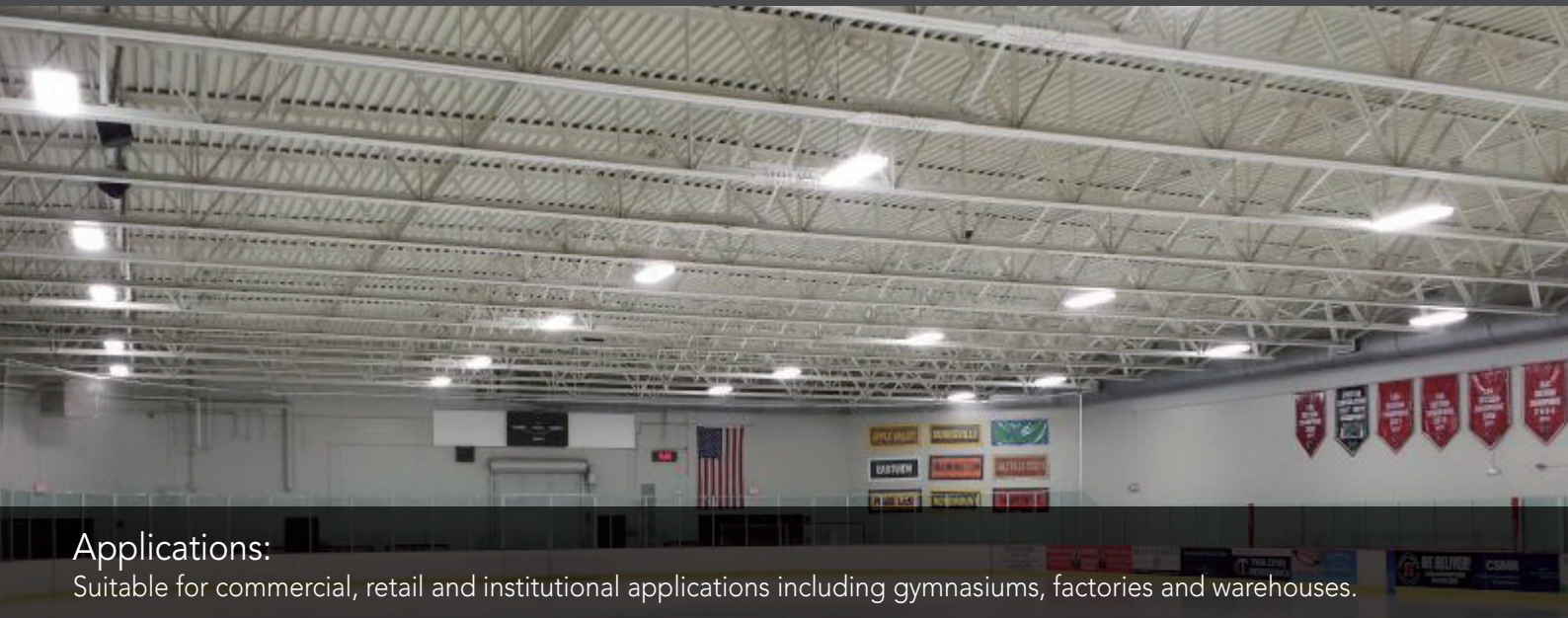




## Applications:

Suitable for commercial, retail and institutional applications including gymnasiums, factories and warehouses.

## Features

- Offering quality lighting and excellent energy savings compared to linear fluorescent and HID highbay fixtures.
- Voltage is 120-277V & 347V-480V.
- Motion Sensor optional and supports Emergency Battery.
- Lumen output from 12000-50000lm with efficacy up to 142lm/W.
- Standard 1-10V dimming available.
- Steel wire rope(default included), pendent or surface mounting available.
- Projected life span of 50,000 hrs.
- Operating temperature is -40°C to 55°C (-40°F to 131°F) .
- UL/cUL damp location and DLC premium qualified.
- FCC compliant.

90W&130W



130W&180W&205W



130W&180W



270W&300W&370W

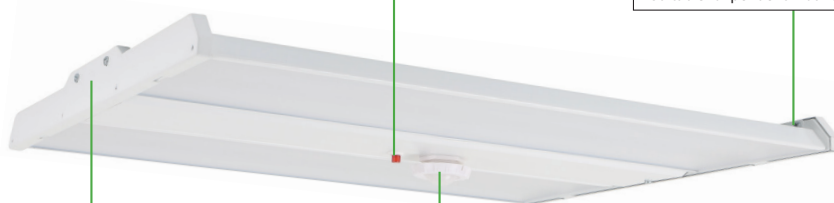


**Emergency Battery**  
90min, 900lm

**Housing**  
Advanced thermal management aluminum alloy with white coat finish.  
Suitable for pendent mount and Sling mount.

**Threaded Conduit**  
Support wires coming from the hole for easier wire connections.

**Motion Sensor**  
Optional motion sensor allows for security and energy saving.



PERFORMANCE DATA

|              |                     |     | 4000K   |         | 5000K   |         |
|--------------|---------------------|-----|---------|---------|---------|---------|
| SYSTEM WATTS | VOLTAGE             | CRI | LUMENS  | LPW     | LUMENS  | LPW     |
| 90W          | 120-277VAC/347-480V | 80  | 12000lm | 133lm/W | 12600lm | 140lm/W |
| E130W        | 120-277VAC/347-480V | 80  | 17300lm | 133lm/W | 17700lm | 136lm/W |
| 130W         | 120-277VAC/347-480V | 80  | 18000lm | 138lm/W | 18500lm | 142lm/W |
| L130W        | 120-277VAC/347-480V | 80  | 18000lm | 138lm/W | 18500lm | 142lm/W |
| L180W        | 120-277VAC/347-480V | 80  | 23700lm | 132lm/W | 24000lm | 133lm/W |
| 180W         | 120-277VAC          | 80  | 24000lm | 133lm/W | 24500lm | 136lm/W |
| 190W         | 347/480VAC          | 80  | 24500lm | 129lm/W | 25000lm | 132lm/W |
| 205W         | 120-277VAC          | 70  | 28400lm | 139lm/W | 29000lm | 141lm/W |
| 210W         | 347/480VAC          | 70  | 28700lm | 137lm/W | 29300lm | 138lm/W |
| 270W         | 120-277VAC/347-480V | 80  | 35500lm | 131lm/W | 36000lm | 133lm/W |
| 300W         | 120-277VAC/347-480V | 80  | 39500lm | 132lm/W | 40000lm | 133lm/W |
| 370W         | 120-277VAC/347-480V | 80  | 49500lm | 134lm/W | 50000lm | 135lm/W |

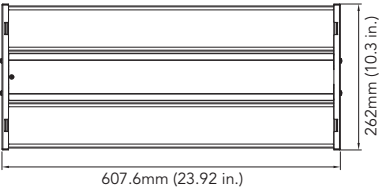
ELECTRICAL DATA

| Number Of Drivers | Driver Current (mA) | Nominal Power (W) | INPUT VOLTAGE (V) | CURRENT (Amps) |
|-------------------|---------------------|-------------------|-------------------|----------------|
| 1                 | 2270                | 90                | 120               | 0.75           |
|                   |                     | 90                | 208               | 0.43           |
|                   |                     | 90                | 240               | 0.38           |
|                   |                     | 90                | 277               | 0.32           |
|                   | 2400                | 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                 | 3040                | 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                 | 3000                | 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                 | 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           |
| 2                 | 4540                | 180               | 120               | 1.50           |
|                   |                     | 180               | 208               | 0.87           |
|                   |                     | 180               | 240               | 0.75           |
|                   |                     | 180               | 277               | 0.65           |
|                   |                     | 190               | 347               | 0.55           |
|                   |                     | 190               | 480               | 0.40           |
| 2                 | 5200                | 205               | 120               | 1.71           |
|                   |                     | 205               | 208               | 0.99           |
|                   |                     | 205               | 240               | 0.85           |
|                   |                     | 205               | 277               | 0.74           |
|                   |                     | 210               | 347               | 0.61           |
|                   |                     | 210               | 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           |

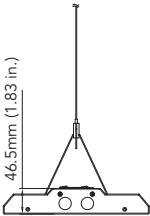
DIMENSION

unit: inch/mm

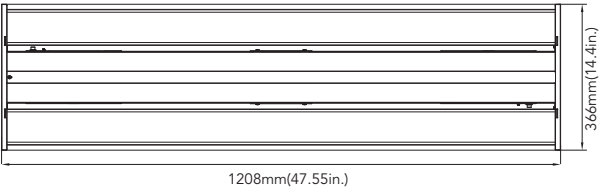
90W/130W



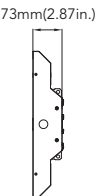
Weight  
90W: 6.98 lbs  
130W: 10.91 lbs



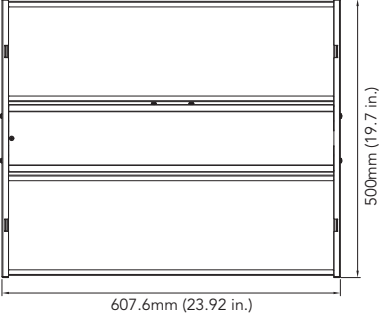
130W/180W



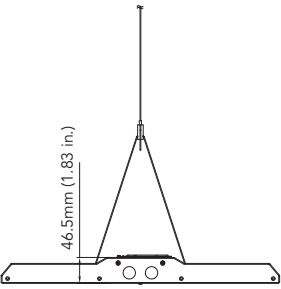
Weight  
180W: 11.76 lbs



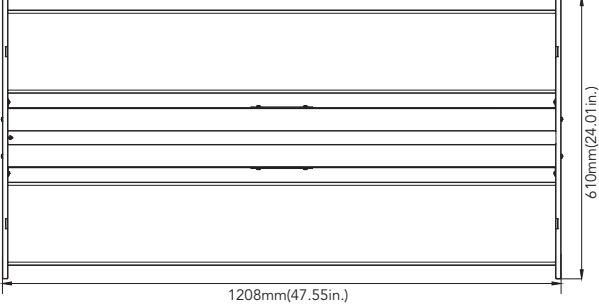
130W/180W/205W



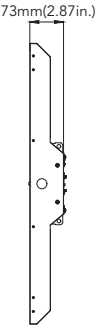
Weight  
180W: 11.76 lbs  
205W: 11.76 lbs



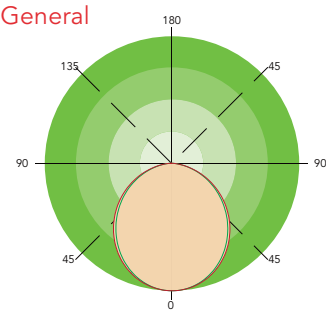
270W/300W/370W



Weight  
210W: 14.26 lbs  
270W: 22.46 lbs  
300W: 22.49 lbs



PHOTOMETRICS



ORDERING GUIDE

Example: MLH03130W27VXXKYYYY

| Fixture Type                 | Wattage                                                                                                | Voltage                                  | CCT                      | Lens                     | Sensor (Option)                         | Backup Battery (Option)                                | Internal Code            |
|------------------------------|--------------------------------------------------------------------------------------------------------|------------------------------------------|--------------------------|--------------------------|-----------------------------------------|--------------------------------------------------------|--------------------------|
| <input type="checkbox"/>     | <input type="checkbox"/>                                                                               | <input type="checkbox"/>                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>                | <input type="checkbox"/>                               | <input type="checkbox"/> |
| MLH03 Linear high bay series | 90 90W<br>130 130W<br>180 180W<br>190 190W<br>205 205W<br>210 210W<br>270 270W<br>300 300W<br>370 370W | 27V 120-277V<br>48V 347-480V<br>347/480V | 40K 4000K<br>50K 5000K   | CD Clear Diffuser        | M Motion Sensor<br>Blank Without Sensor | B Emergency Battery<br>Blank Without Emergency Battery | Blank<br>Alphanumeric    |
| MLH03E                       | 130 130W                                                                                               |                                          |                          |                          |                                         |                                                        |                          |
| MLH03L                       | 130 130W                                                                                               |                                          |                          |                          |                                         |                                                        |                          |
|                              | 180 180W                                                                                               |                                          |                          |                          |                                         |                                                        |                          |

Note: 1. The wattage is 180W when the voltage is 120-277V, while the voltage is 347/480V, the wattage is 190W.  
2. The wattage is 205W when the voltage is 120-277V, while the voltage is 347/480V, the wattage is 210W.  
3. 205W and 210W (standard 70 CRI), others (standard 80 CRI).  
4. Emergency battery is not optional while the voltage is 347-480V.

# DLC Model NO.

| SYSTEM WATTS | VOLTAGE  | CCT   | LED NO. | DLC NO.                                                 | DLC Classification |
|--------------|----------|-------|---------|---------------------------------------------------------|--------------------|
| 90W          | 120-277V | 4000K | 2835    | MLH0390W27V40KCD[Blank,M][Blank,B]                      | Premium            |
|              |          | 5000K | 2835    | MLH0390W27V50KCD[Blank,M][Blank,B]                      | Premium            |
|              | 347-480V | 4000K | 2835    | MLH0390W48V40KCD[Blank,M][Blank,B]                      | Premium            |
|              |          | 5000K | 2835    | MLH0390W48V50KCD[Blank,M][Blank,B]                      | Premium            |
| 130W         | 120-277V | 4000K | 2835    | MLH03130W27V40KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 5000K | 2835    | MLH03130W27V50KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 4000K | 2835    | MLH03E130W27V40KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              |          | 5000K | 2835    | MLH03E130W27V50KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              |          | 4000K | 2835    | MLH03L130W27V40KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              |          | 5000K | 2835    | MLH03L130W27V50KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              | 347-480V | 4000K | 2835    | MLH03130W48V40KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 5000K | 2835    | MLH03130W48V50KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 4000K | 2835    | MLH03E130W48V40KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              |          | 5000K | 2835    | MLH03E130W48V50KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              |          | 4000K | 2835    | MLH03L130W48V40KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              |          | 5000K | 2835    | MLH03L130W48V50KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
| 180W         | 120-277V | 4000K | 2835    | MLH03180W27V40KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 5000K | 2835    | MLH03180W27V50KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 4000K | 2835    | MLH03L180W27V40KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              |          | 5000K | 2835    | MLH03L180W27V50KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              | 347-480V | 4000K | 2835    | MLH03L180W48V40KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
|              |          | 5000K | 2835    | MLH03L180W48V50KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z] | standard           |
| 205W         | 120-277V | 4000K | 3030    | MLH03205W27V40KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 5000K | 3030    | MLH03205W27V50KCD[Blank,M][Blank,B]                     | Premium            |
| 210W         | 347/480V | 4000K | 3030    | MLH03210W48V40KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 5000K | 3030    | MLH03210W48V50KCD[Blank,M][Blank,B]                     | Premium            |
| 270W         | 120-277V | 4000K | 2835    | MLH03270W27V40KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 5000K | 2835    | MLH03270W27V50KCD[Blank,M][Blank,B]                     | Premium            |
|              | 347-480V | 4000K | 2835    | MLH03270W48V40KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 5000K | 2835    | MLH03270W48V50KCD[Blank,M][Blank,B]                     | Premium            |
| 300W         | 120-277V | 4000K | 2835    | MLH03300W27V40KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 5000K | 2835    | MLH03300W27V50KCD[Blank,M][Blank,B]                     | Premium            |
|              | 347-480V | 4000K | 2835    | MLH03300W48V40KCD[Blank,M][Blank,B]                     | Premium            |
|              |          | 5000K | 2835    | MLH03300W48V50KCD[Blank,M][Blank,B]                     | Premium            |
| 370W         | 120-277V | 4000K | 2835    | MLH03370W27V40KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z]  | standard           |
|              |          | 5000K | 2835    | MLH03370W27V50KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z]  | standard           |
|              | 347-480V | 4000K | 2835    | MLH03370W48V40KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z]  | standard           |
|              |          | 5000K | 2835    | MLH03370W48V50KCD[Blank,M][Blank,B][Blank,0-9,A-Z,a-z]  | standard           |