

Applications:

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

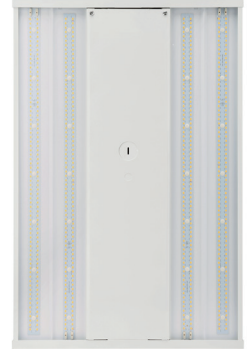
Features

- Visual comfortable light comes from a simple contour.
- Best choice for replacing fluorescent lamps with high efficacy.
- Voltage is 120-277V & 347-480V.
- Optional prismatic diffuser reduces glare light toughly.
- Optional frosted diffuser delivers best light uniformity.
- Motion Sensor optional and supports Emergency Battery.
- Standard 1-10V dimming.
- Steel wire rope(default included), pendant or surface mounting available.
- Projected life span of 50,000 hrs.
- Operating temperature is -40° C to 55° C (-40° F to 131° F).

90W&130W



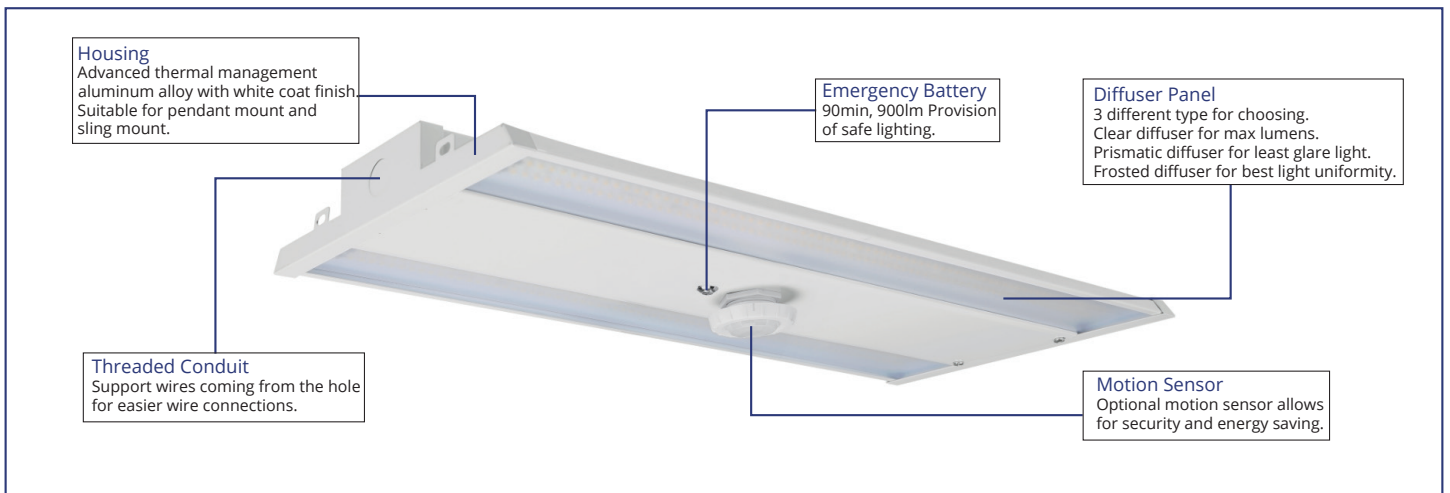
180W&210W



L130W&L180W



270W&300W&370W



DIFFUSER OPTIONS



Clear Diffuser (High efficacy)



Prismatic Diffuser (Low glare)



Frosted Diffuser (Soft light)

PERFORMANCE DATA

| SYSTEM WATTS | VOLTAGE | LENS | 4000K(CRI80) | | 5000K(CRI80) | |
|--------------|---------------------|--------------------|--------------|---------|--------------|---------|
| | | | LUMENS | LPW | LUMENS | LPW |
| 90W | 120-277VAC/347-480V | Clear Diffuser | 12600lm | 140lm/W | 12600lm | 140lm/W |
| | | Prismatic Diffuser | 12000lm | 133lm/W | 12000lm | 133lm/W |
| | | Frosted Diffuser | 11700lm | 130lm/W | 11700lm | 130lm/W |
| 130W | 120-277VAC/347-480V | Clear Diffuser | 18500lm | 142lm/W | 18500lm | 142lm/W |
| | | Prismatic Diffuser | 17600lm | 135lm/W | 17600lm | 135lm/W |
| | | Frosted Diffuser | 17200lm | 132lm/W | 17200lm | 132lm/W |
| 180W | 120-277VAC/347-480V | Clear Diffuser | 25200lm | 140lm/W | 25200lm | 140lm/W |
| | | Prismatic Diffuser | 24000lm | 133lm/W | 24000lm | 133lm/W |
| | | Frosted Diffuser | 23400lm | 130lm/W | 23400lm | 130lm/W |
| 210W | 120-277VAC/347-480V | Clear Diffuser | 29000lm | 138lm/W | 29000lm | 138lm/W |
| | | Prismatic Diffuser | 27600lm | 131lm/W | 27600lm | 131lm/W |
| | | Frosted Diffuser | 27000lm | 129lm/W | 27000lm | 129lm/W |
| L130W | 120-277VAC/347-480V | Clear Diffuser | 18500lm | 142lm/W | 18500lm | 142lm/W |
| | | Prismatic Diffuser | 17600lm | 135lm/W | 17600lm | 135lm/W |
| | | Frosted Diffuser | 17200lm | 132lm/W | 17200lm | 132lm/W |
| L180W | 120-277VAC/347-480V | Clear Diffuser | 24000lm | 133lm/W | 24000lm | 133lm/W |
| | | Prismatic Diffuser | 22800lm | 127lm/W | 22800lm | 127lm/W |
| | | Frosted Diffuser | 22300lm | 124lm/W | 22300lm | 124lm/W |
| 270W | 120-277VAC/347-480V | Clear Diffuser | 37000lm | 137lm/W | 37000lm | 137lm/W |
| | | Prismatic Diffuser | 35200lm | 130lm/W | 35200lm | 130lm/W |
| | | Frosted Diffuser | 34400lm | 127lm/W | 34400lm | 127lm/W |
| 300W | 120-277VAC/347-480V | Clear Diffuser | 41500lm | 138lm/W | 41500lm | 138lm/W |
| | | Prismatic Diffuser | 39400lm | 131lm/W | 39400lm | 131lm/W |
| | | Frosted Diffuser | 38600lm | 129lm/W | 38600lm | 129lm/W |
| 370W | 120-277VAC/347-480V | Clear Diffuser | 50500lm | 136lm/W | 50500lm | 136lm/W |
| | | Prismatic Diffuser | 48000lm | 130lm/W | 48000lm | 130lm/W |
| | | Frosted Diffuser | 47000lm | 127lm/W | 47000lm | 127lm/W |

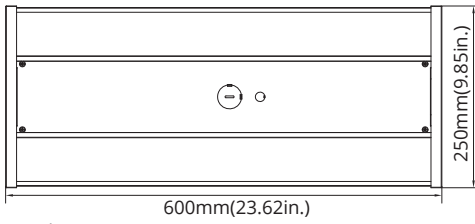
ELECTRICAL DATA

| 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 | 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 | 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 | 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 |
| 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 |

DIMENSION

unit: inch/mm

90W/130W

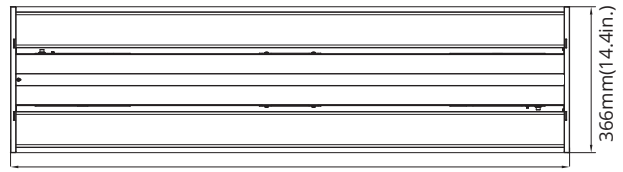


Weight
90W: 5.842 lbs
130W: 7.319 lbs

44.4mm(1.75in.)



L130W/L180W

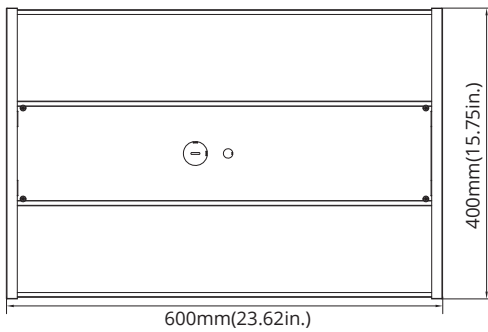


Weight
L130W: 13.91 lbs
L180W: 14.76 lbs

73mm(2.87in.)



180W/210W

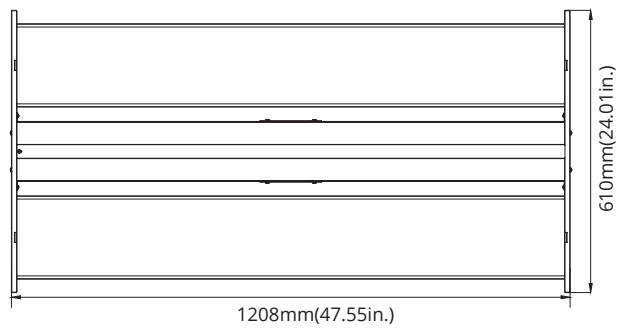


Weight
180W: 9.193 lbs
210W: 9.259 lbs

44.4mm(1.75in.)



270W/300W/370W



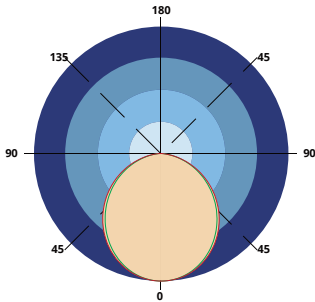
Weight
270W: 22.46 lbs
300W: 22.49 lbs
370W: 22.50 lbs

73mm(2.87in.)



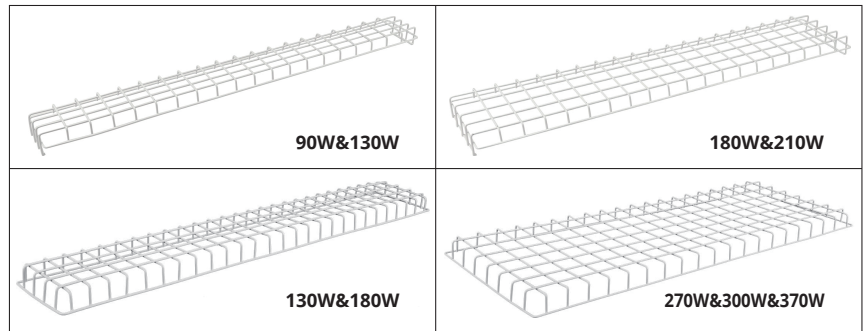
PHOTOMETRICS

General



ACCESSORY

Every fixture can be fitted with wire guard to avoid luminous surface being damaged.



ORDERING GUIDE

Example: MLH04130W27V50KCD

| 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"/> |
| MLH04 Linear high bay series | 90 90W 130 130W 180 180W 210 210W L130 130W L180 180W 270 270W 300 300W 370 370W | 27V 120-277V 48V 347-480V | 40K 4000K 50K 5000K | CD Clear Diffuser PD Prismatic Diffuser FD Frosted Diffuser | M Motion Sensor Blank Without Sensor | B Emergency Battery Blank Without Emergency Battery | Blank Alphanumeric |

Note: 1. Emergency battery is not optional while the voltage is 347-480V.

2. 130W unable to configure emergency battery owing to limited internal space.

DLC Model NO.

| SYSTEM WATTS | VOLTAGE | CCT | LED NO. | DLC NO. | DLC Classification |
|--------------|-------------------|-------|---------|--|--------------------|
| 90W | 120-277V/347-480V | 4000K | 2835 | MLH0490W[27,48]V40KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| | | 5000K | 2835 | MLH0490W[27,48]V50KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| 130W | 120-277V/347-480V | 4000K | 2835 | MLH04130W[27,48]V40KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| | | 5000K | 2835 | MLH04130W[27,48]V50KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| 180W | 120-277V/347-480V | 4000K | 2835 | MLH04180W[27,48]V40KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| | | 5000K | 2835 | MLH04180W[27,48]V50KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| 210W | 120-277V/347-480V | 4000K | 2835 | MLH04210W[27,48]V40KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| | | 5000K | 2835 | MLH04210W[27,48]V50KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| L130W | 120-277V/347-480V | 4000K | 2835 | MLH04L130W[27,48]V40KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| | | 5000K | 2835 | MLH04L130W[27,48]V50KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| L180W | 120-277V/347-480V | 4000K | 2835 | MLH04L180W[27,48]V40KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| | | 5000K | 2835 | MLH04L180W[27,48]V50KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| 270W | 120-277V/347-480V | 4000K | 2835 | MLH04270W[27,48]V40KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| | | 5000K | 2835 | MLH04270W[27,48]V50KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| 300W | 120-277V/347-480V | 4000K | 2835 | MLH04300W[27,48]V40KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| | | 5000K | 2835 | MLH04300W[27,48]V50KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| 370W | 120-277V/347-480V | 4000K | 2835 | MLH04370W[27,48]V40KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |
| | | 5000K | 2835 | MLH04370W[27,48]V50KCD[Blank,M][Blank,B][Blank,A-Z,a-z,0-9] | Premium |