



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.
- PIR sensor is optional and supports Emergency Battery.
- Standard 1-10V dimming.
- Optional for Power Adjustable.
- Steel wire rope(included), pendant or surface mounting available.
- Projected lifespan of 50,000 hrs.
- Operating temperature is -40°C to 50°C(-40°F to 122°F).

Note: Operating temperature range with emergency battery: 0°C to 50°C (+32°F - +122°F).

- UL/cUL damp location listed and DLC qualified.

Note: DesignLights Consortium™ Qualified and classified for DLC Standard

(all lumen packages), refer to www.designlights.org for details.

90W/130W



175W/210W



270W/300W



Diffuser Panel

3 types of diffusers are available:
 Semi-frosted diffuser for max lumens;
 Prismatic diffuser for least glare light;
 Frosted diffuser for best light uniformity.

Emergency Battery (Optional)

Work during power outages, for emergency lighting.

Housing

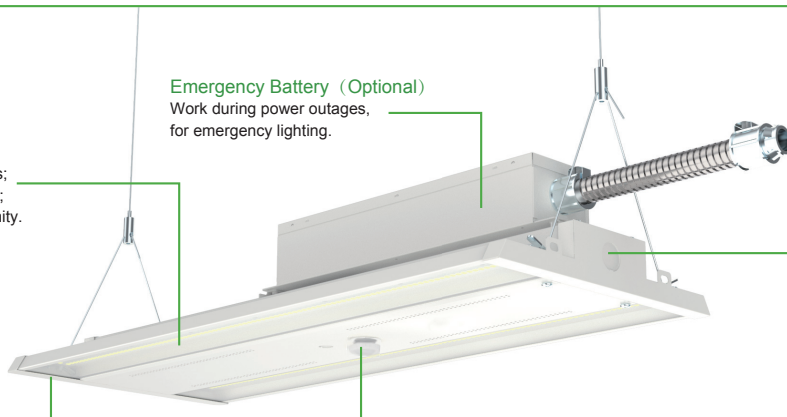
Advanced thermal management aluminum alloy with white coat finish. Available for pendant mount or sling mount.

Threaded Conduit

Support wires coming from the hole for easier wire connections.

PIR Sensor (Optional)

Optional PIR sensor allows for security and energy saving.



DIFFUSER OPTIONS



Semi-frosted Diffuser (High efficacy)
Default



Prismatic Diffuser (Low glare)



Frosted Diffuser (Soft light)

PERFORMANCE DATA

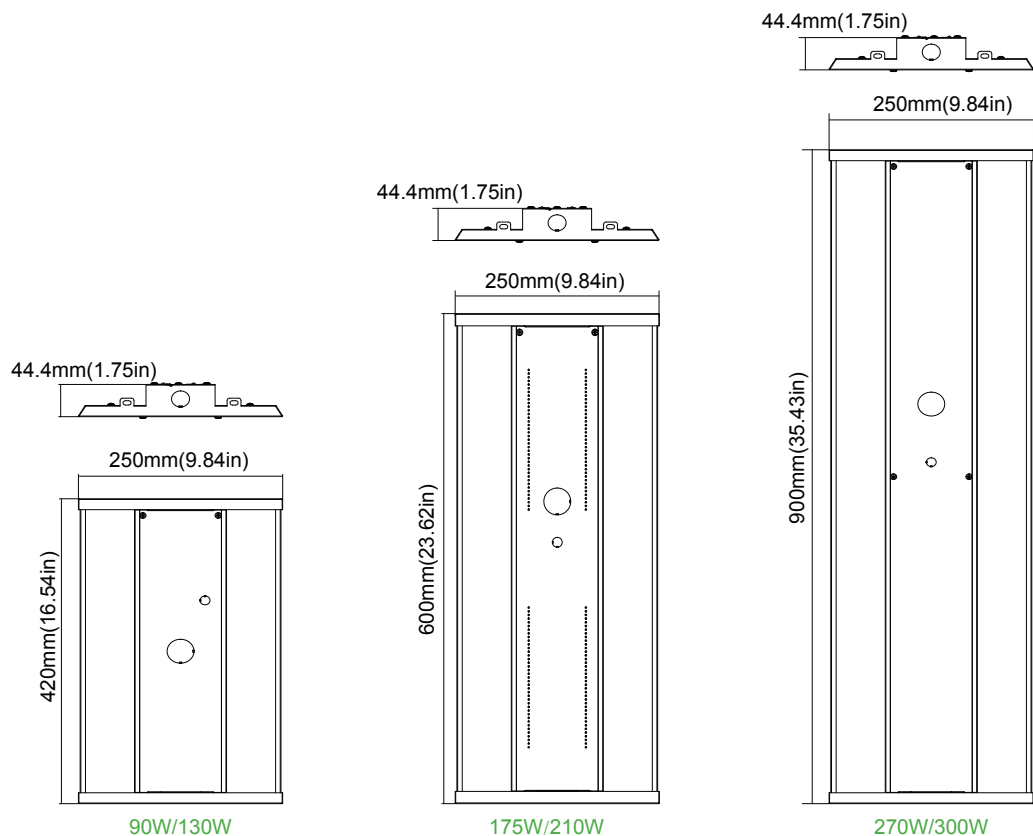
SYSTEM WATTS	VOLTAGE	LENS	LUMENS 4000K(70CRI)	LPW 4000K(70CRI)	LUMENS 5000K(70CRI)	LPW 5000K(70CRI)
90W	120-277VAC 347-480VAC	Semi-frosted Diffuser	12700lm	141 lm/W	12700lm	141 lm/W
		Prismatic Diffuser	12100lm	134 lm/W	12100lm	134 lm/W
		Frosted Diffuser	11700lm	130 lm/W	11700lm	130 lm/W
130W	120-277VAC	Semi-frosted Diffuser	18600lm	143 lm/W	18600lm	143 lm/W
		Prismatic Diffuser	17600lm	135 lm/W	17600lm	135 lm/W
		Frosted Diffuser	17200lm	132 lm/W	17200lm	132 lm/W
145W	347/480VAC	Semi-frosted Diffuser	19100lm	132 lm/W	19200lm	132 lm/W
		Prismatic Diffuser	18800lm	130 lm/W	18800lm	130 lm/W
		Frosted Diffuser	18500lm	128 lm/W	18500lm	128 lm/W
175W	120-277VAC	Semi-frosted Diffuser	25000lm	143 lm/W	25000lm	143 lm/W
		Prismatic Diffuser	23500lm	134 lm/W	23500lm	134 lm/W
		Frosted Diffuser	23000lm	131 lm/W	23000lm	131 lm/W
185W	347/480VAC	Semi-frosted Diffuser	25300lm	137 lm/W	25300lm	137 lm/W
		Prismatic Diffuser	24700lm	134 lm/W	24700lm	134 lm/W
		Frosted Diffuser	24000lm	130 lm/W	24000lm	130 lm/W
210W	120-277VAC	Semi-frosted Diffuser	30600lm	146 lm/W	30600lm	146 lm/W
		Prismatic Diffuser	28000lm	133 lm/W	28000lm	133 lm/W
		Frosted Diffuser	27500lm	131 lm/W	27500lm	131 lm/W
220W	347/480VAC	Semi-frosted Diffuser	31000lm	141 lm/W	31000lm	141 lm/W
		Prismatic Diffuser	29200lm	133 lm/W	29200lm	133 lm/W
		Frosted Diffuser	28500lm	130 lm/W	28500lm	130 lm/W
270W	120-277VAC	Semi-frosted Diffuser	37000lm	137 lm/W	37000lm	137 lm/W
		Prismatic Diffuser	35200lm	130 lm/W	35200lm	130 lm/W
		Frosted Diffuser	34400lm	127 lm/W	34400lm	127 lm/W
278W	347/480VAC	Semi-frosted Diffuser	37500lm	135 lm/W	37500lm	135 lm/W
		Prismatic Diffuser	36000lm	129 lm/W	36000lm	129 lm/W
		Frosted Diffuser	35300lm	127 lm/W	35300lm	127 lm/W
300W	120-277VAC	Semi-frosted Diffuser	41500lm	138 lm/W	41500lm	138 lm/W
		Prismatic Diffuser	40000lm	133 lm/W	40000lm	133 lm/W
		Frosted Diffuser	39000lm	130 lm/W	39000lm	130 lm/W
310W	347/480VAC	Semi-frosted Diffuser	42000lm	135 lm/W	42000lm	135 lm/W
		Prismatic Diffuser	40000lm	133 lm/W	40000lm	133 lm/W
		Frosted Diffuser	39000lm	130 lm/W	39000lm	130 lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	850	90	120	0.75
		90	208	0.43
		90	240	0.38
		90	277	0.32
1	2400	90	347	0.26
		90	480	0.19
1	1200	130	120	1.08
		130	208	0.63
		130	240	0.54
		130	277	0.47
		145	347	0.42
		145	480	0.30
1	1060	175	120	1.46
		175	208	0.84
		175	240	0.73
		175	277	0.63
		185	347	0.53
		185	480	0.39
1	1060	210	120	1.75
		210	208	1.01
		210	240	0.88
		210	277	0.76
		220	347	0.63
		220	480	0.46
2	2400	270	120	2.25
		270	208	1.30
		270	240	1.13
		270	277	0.97
		278	347	0.80
		278	480	0.58
2	2400	300	120	2.50
		300	208	1.44
		300	240	1.25
		300	277	1.08
		310	347	0.89
		310	480	0.65

DIMENSION

unit: inch/mm

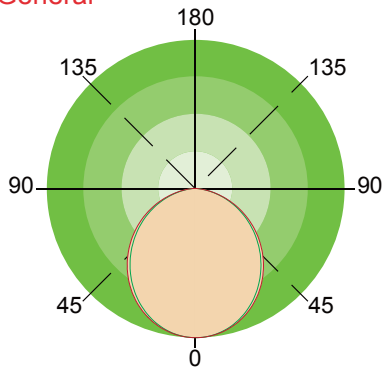


Weight:

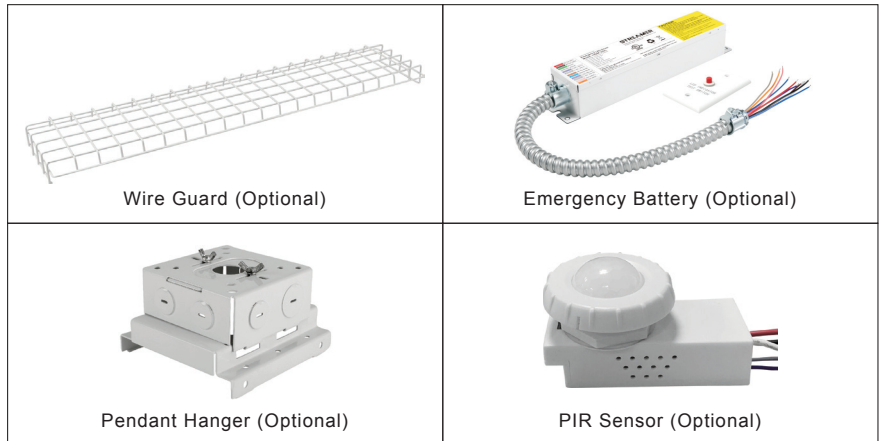
- 90W: 4.63lb
- 130W: 4.63lb
- 175W: 5.67lb
- 210W: 5.80lb
- 270W/300W: 9.02lb

PHOTOMETRICS

General



ACCESSORY



ORDERING GUIDE Example: MLH06210W27V50KCDMBS1

Fixture Type	Wattage	Voltage	CCT	Lens	Sensor (Option)	Backup Battery (Option)	Surge Protector	Internal Code
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MLH06 Linear high bay series	90W 130W 145W 175W 185W 210W 220W 270W 278W 300W 310W	27V 120-277V 48V 347/480V	40K 4000K 50K 5000K	CD Semi-frosted Diffuser PD Prismatic Diffuser FD Frosted Diffuser	M PIR Sensor Blank Without Sensor	B Emergency Battery Blank Without Emergency Battery	S With Surge Protector Blank Without Surge Protector	Blank Alphanumeric

- Note: 1. Pendant/surface mounting is not supported when an emergency battery is installed.
- 90W and 130W suit for 8W Emergency Battery; 175W, 210W, 300W suit for 15W Emergency Battery.
 - The Watt is 130W when the voltage is 120-277V, while when it is 347V/480V, the watt is 145W.
 - The Watt is 175W when the voltage is 120-277V, while when it is 347V/480V, the watt is 185W.
 - The Watt is 210W when the voltage is 120-277V, while when it is 347V/480V, the watt is 220W.
 - The Watt is 270W when the voltage is 120-277V, while when it is 347V/480V, the watt is 278W.
 - The Watt is 300W when the voltage is 120-277V, while when it is 347V/480V, the watt is 310W.