LED LINEAR HIGH BAY (LHB03)

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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 ouput from 12000-40000lm 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℃ to 55℃ (-40°F to 131°F) .
- UL/cUL and DLC qualified.
- FCC compliant.

90W

130W&180W&205W

270W&300W

DLC PREMIUM

c(UL)us LISTED E359489

DAMP LOCATION

5 YEAR

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

Emergency Battery
90min, 900lm
Applicable ambient temperature is 10℃ (50°F) to 40℃ (104°F)

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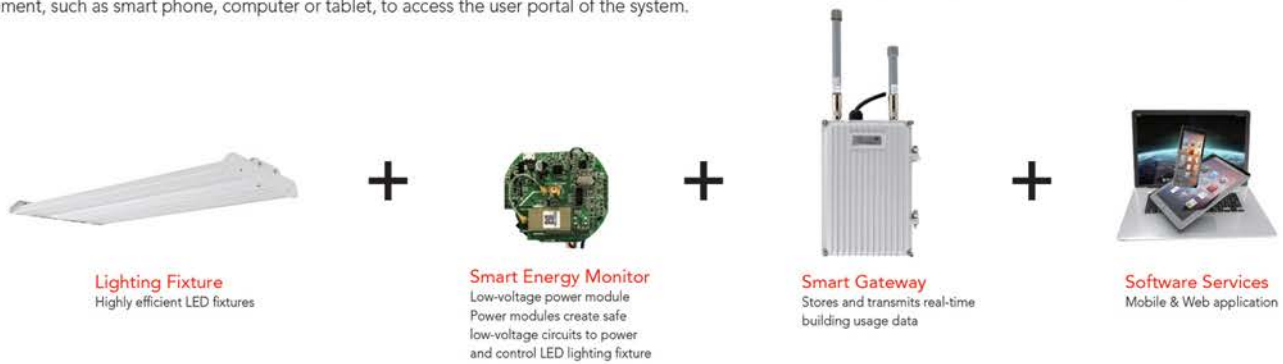Support wires coming from the hole for easier wire connections.

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

Wireless Lighting Control System

G5 Smart Wireless Lighting Controls System is an indoor or outdoor wireless control system for the parking lot, street, roadway and commercial lights. The unique technology inside this system enables customer to remote monitor and operate all fixtures through a Web-enabled central management system. Customer can use any Internet enabled equipment, such as smart phone, computer or tablet, to access the user portal of the system.

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Lighting Fixture
Highly efficient LED fixtures

Smart Energy Monitor
Low-voltage power module
Power modules create safe
low-voltage circuits to power
and control LED lighting fixture

Smart Gateway
Stores and transmits real-time
building usage data

Software Services
Mobile & Web application

Features

- Accurate, utility-grade energy metering per fixture or per circuit
- Stores days of energy data in local memory in case of network outage and automatically synchronize data with central database once network recovers
- Provides real-time(less than 100ms response time) protection on fixtures from the out of range voltage
- Real-time detects the theft of electricity and reports time, wattage and location to the operation center
- Automatically download programmed schedules
- Maintain a redundant mesh network through encrypted connections
- Integrated with latest video surveillance system
- Provide integration interface on the control board and software platform. Capable of integration with police and city management system
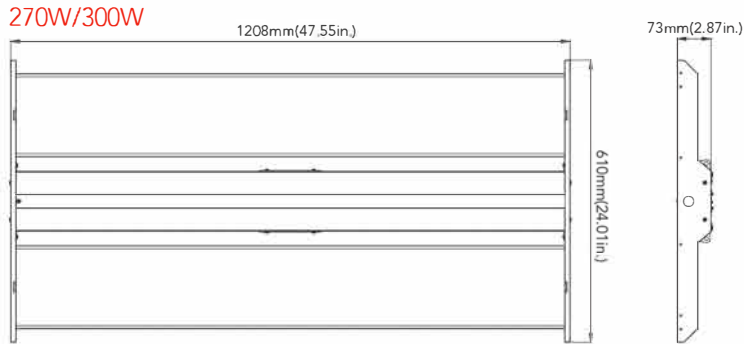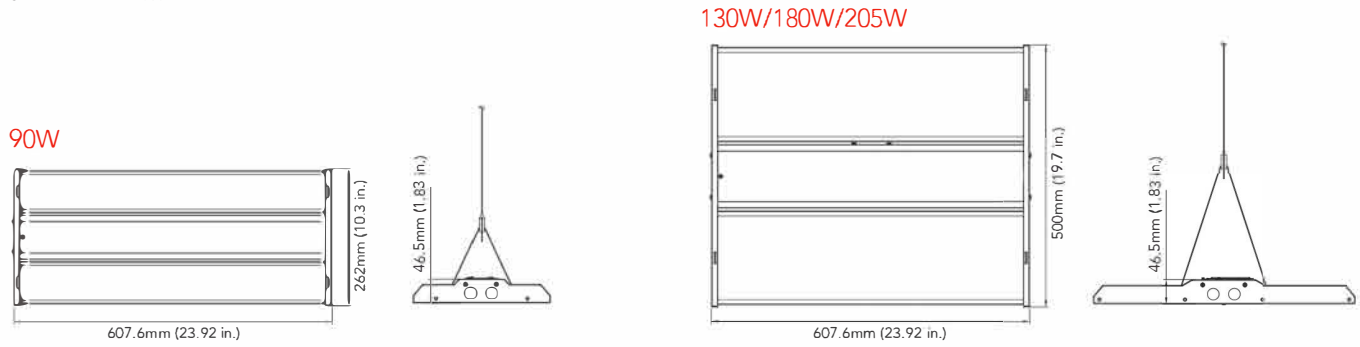
PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	CRI	4000K LUMENS	4000K LPW	5000K LUMENS	5000K LPW
90W	120-277VAC/347-480V	80	12000lm	133lm/W	12600lm	140lm/W
130W	120-277VAC/347-480V	80	18000lm	138lm/W	18500lm	142lm/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	140lm/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

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	2270	90	120	0.75
1	2270	90	208	0.43
1	2270	90	240	0.38
1	2270	90	277	0.32
1	2400	90	347	0.26
1	2400	90	480	0.19
2	3040	130	120	1.08
2	3040	130	208	0.63
2	3040	130	240	0.54
2	3040	130	277	0.47
2	3200	130	347	0.37
2	3200	130	480	0.27
2	4540	180	120	1.50
2	4540	180	208	0.87
2	4540	180	240	0.75
2	4540	180	277	0.65
2	4540	190	347	0.55
2	4540	190	480	0.40
2	5200	205	120	1.71
2	5200	205	208	0.99
2	5200	205	240	0.85
2	5200	205	277	0.74
2	5200	210	347	0.61
2	5200	210	480	0.44
4	6520	270	120	2.25
4	6520	270	208	1.30
4	6520	270	240	1.13
4	6520	270	277	0.97
4	6400	270	347	0.78
4	6400	270	480	0.56
4	7200	300	120	2.50
4	7200	300	208	1.44
4	7200	300	240	1.25
4	7200	300	277	1.08
4	7400	300	347	0.86
4	7400	300	480	0.63

DIMENSION
unit: inch/mm

90W

262mm (10.3 in.)
607.6mm (23.92 in.)
46.5mm (1.83 in.)

130W/180W/205W

500mm (19.7 in.)
607.6mm (23.92 in.)
46.5mm (1.83 in.)

270W/300W

1208mm(47.55in.)
73mm(2.87in.)
610mm(24.01in.)
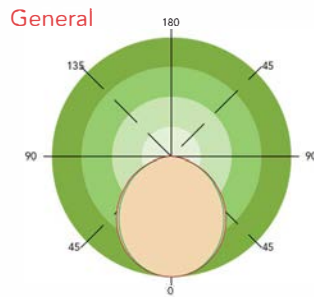
Weight:
90W: 6.98 lb
130W: 10.91 lb
180W: 11.76 lb
205W: 11.76 lb
210W: 14.26 lb
270W: 22.46 lb
300W: 22.49 lb

PHOTOMETRICS

General

ORDERING GUIDE

Fixture Type	Wattage	Voltage	CCT	Lens	Sensor (Option)	Backup Battery (Option)
	☐	☐	☐	☐	☐	☐
LHB03	**90** 90W **130** 130W **180** 180W **190** 190W **205** 205W **210** 210W **270** 270W **300** 300W	**27V** 120-277V **48V** 347-480V 347/480V	**40K** 4000K **50K** 5000K	**CD** Clear Diffuser	**M** Motion Sensor **Blank** Without Sensor	**B** Emergency Battery **Blank** Without Emergency Battery

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 80CRI).
4. Emergency battery is not optional while the voltage is 347-480V.

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