

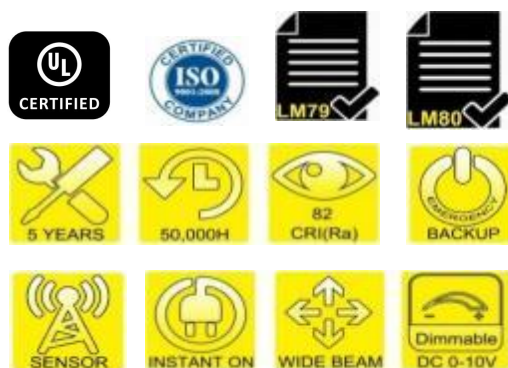
FEATURES:

- Heavy Gauge Steel Housing.
- Finish is high reflectance baked white enamel.
- Wiring knockouts are provided on back and end of housing.
- steel end cap, high flame retardant point.
- Class II/P driver, with 0-10V or Triac dimming
- 50,000+ Hours LED Life Expectancy.
- Fast and easy to install.
- Power factor: >0.98.
- Quick disconnects between housing .
- Driver disconnect provided where required to comply.
- 5 Year Warranty.
- Damp location.
- UL/cUL us listed.
- DLC pending
- Ambient Temperature: -20 ~ 40 °C (-4 ° F to +131 ° F)



APPLICATIONS:

Warehouse/Manufacturing plants
Distribution centers/Industrial
Commercial/Grocery Stores
Gymnasiums/Cold Storage



Ordering information

Item	Watts	CCT	Efficacy	Lumens	Dimension(L*W*H):Inch		
HB896LLX05011BKKDXW	50w	30K-50K	155lm	7750lm	13.2	11.2	2.40
HB896LLX10012BKKDXW	100w	30K-50K	155lm	15500lm	24.5	11.2	2.40
HB897LLX15013BKKDXW	150w	30K-50K	155lm	23250lm	35.7	11.2	2.40
HB898LLX20014BKKDXW	200w	30K-50K	155lm	31000lm	47.1	11.2	2.40

Youtube Link:<https://youtu.be/FXiEI4nqOgY>

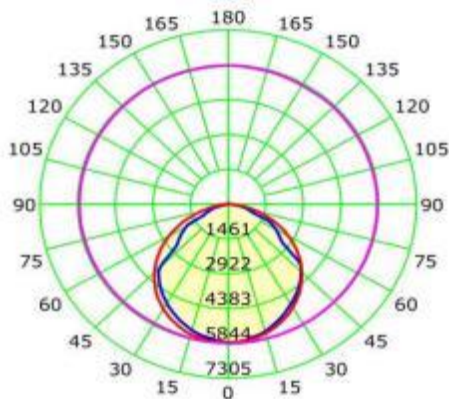
*Please contact your Brandon representative to order products that don't have order codes listed here or any info required

*Due to continuing product improvements, Brandon Lighting reserves the right to change the specifications without notice.

ORDERING

Model	Color of Lens	Watts	Length	Mounting Method	CCT	Driver	Accessories
HB896L	LM-Milky	50W	11:1ft	B: Surface/ Suspended	30:3000K	D1:120-277V	A: No sensor&EM
HB896L	lens/perforation	100W	12:2ft		35:3500K	D2:347V	B: With Sensor
HB897L	cover	150W	13:3ft		40:4000K	D3:120-347V	C: With EM
HB898L	LX-No lens	200w	14:4ft		45:4500K	D4:120-277V	D: With Sensor&EM
	LD-Clear lens				50:5000K	wattage selectable	
	LL-Louver					D5:120-347V wattage selectable D6: 347-480V	

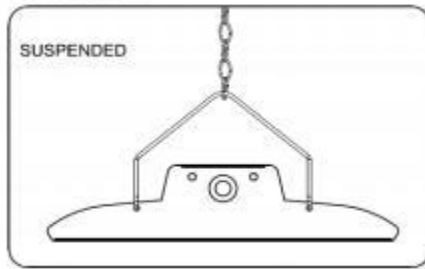
PHOTOMETRIC



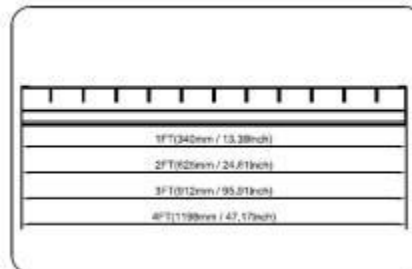
Luminaire	5000K
Input Voltage(VAC)	120-277
Power (W)	96.68
Delivered Lumen(Lm)	15623.3
Efficacy(Lm/W)	158
Beam Angle	H99V115.9
Power Factor(PF)	>92
Color Rendering Index(CRI)	>82

Installation

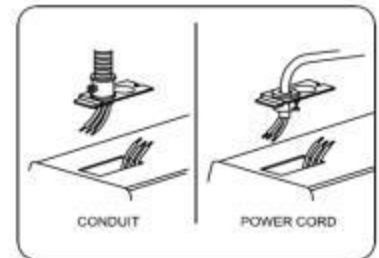
■ Installation



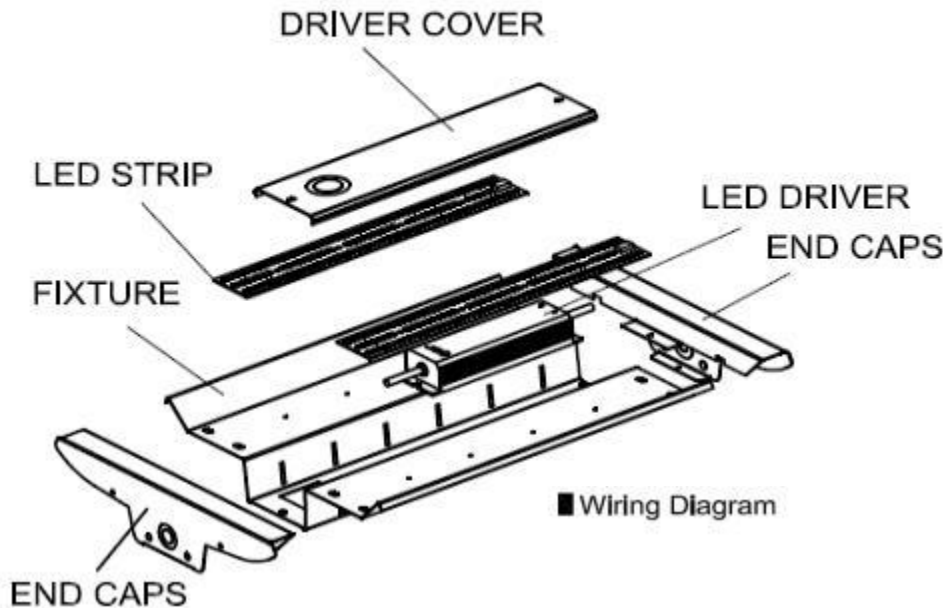
■ Installation Dimension



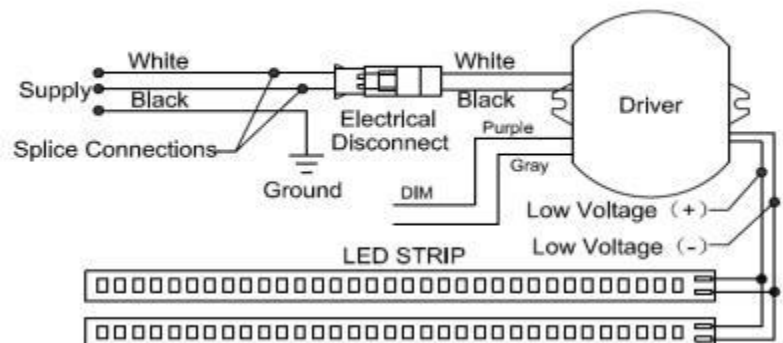
■ Electrical Connection



■ Exploded Views



■ Wiring Diagram



Accessories to be added separated

1. Sensor & Emergency kit



PIR sensor with dimming
function

SK618 Internal sensor
(sharkward brand)

Power supply	120/277VAC
Maximum load @ -40°F ~ 158°F (-40°C ~ 70°C)	Resistive/Tungsten - 600W@120V Ballast Electronic (LED) - 800/1200VA@120/277V
HF System	5.8GHz CW
Dim control output	0-10V, max. 25mA sinking current
Detection radius/angle	Max meters/360°
Mounting height	Max 50ft
Remote range	50ft. (15m) indoor, no backlight
Humidity	Max. 95% RH
Temperature	-104°F ~ 158°F (-40°C ~ 70°C)



MX601V Internal sensor
(Microwave sensor)

Merrytek brand)

Operating voltage Rated	120~277Vac, 50Hz/60Hz
capacitive load HF	120V@400W;220-240V@800W;277V@1000W
system Transmitting power	5.8GHz±75MHz, ISM wave band
Power consumption	<0.5mW
Detection zone Detection	≤0.5W(standby), <1W(operation)
sensitivity Hold time	Max.(D x H): 16m x 15m
Daylight sensor Stand-by	10% / 50% / 75% / 100%
period Stand-by dimming	5s / 30s / 90s / 3min / 20min / +∞
level Mounting height	2lux/5lux / 10lux / 25lux / 50lux / 100lux / Disable
Motion detection Detection	0s / 5s / 5min / 10min / 30min / 1h / +Disable
angle	10% / 20% / 30% / 50%
	15m Max.
	0.5~3m/s
	150°(wall installation), 360°(ceiling installation)
Operating temperature	-35℃ ~70℃
IP rating	IP20



Emergency battery

Universal Input Voltage
100-277Vac, 50/60Hz

AC Input Current
100mA max.

Output Power
10W

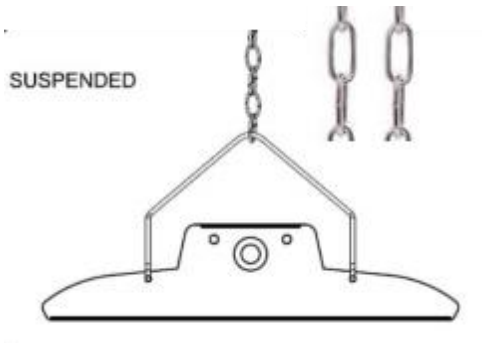
Emergency Time
≥1.5H

AC Input Power Rating
7.0W max.

Output Current and Voltage
200-400mA 25-48Vdc

Battery
Li-ion battery-11.1V/2000mAH

Accessories to be added separated



Suspend kit



Surface Mounted Kits



Round lens & Square lens



Wire Guard