



HB - LED High Bay Luminaire



FEATURES

- True LED alternative to 4 or 6x32W fluorescent high bay luminaire
- Four luminosity options: 8,800 lm, 13,300 lm, 17,600 lm & 26,400 lm
- Extra long lifetime up to 50,000 hrs
- Universal input voltage: 120-277V & 347V

ELECTRICAL

- High LED efficacy with over 105 lm/W
- Extremely long lifetime of 50,000 hrs
- Good for 11 years (12 hrs/day)
- Allows frequent On-Off switching
- Instant full light output even in low temperature setting
- Complete with 6' cord (no plug)
- cULus and DLC listed, -40°C to 40°C ambient
- LM-80 qualified LEDs
- 5-year warranty on LED drivers & modules
- LED drivers & modules powered by Ultrasave

CONSTRUCTION / FINISH

- 22 gauge galvanized steel with high gloss white finish
- LM-80 qualified LEDs
- Suitable for pendant or surface mounting
- Housing is multi-stage phosphate treated for maximum corrosion resistance and finish coat is high gloss white finish
- Top access plate standard
- "V" Hook included
- Suitable for row-mounting
- Molex® connectors - easy to install and replace
- Optional wire guard or diffusing acrylic lens available

APPLICATION

- Retail, warehouse, storage, etc.
- 120° wide flood angle- ideal for general lighting

ORDERING CODE

Model Number	Description	No. of Module	Input Voltage (V)	Power (W)	Color Temp (K)	Lum. Flux (lm)
HB24LED24-120M	LED HIGH BAY 249W 120-277V	24	120-277V	249W	4000K	26,400
HB24LED24-347	LED HIGH BAY 249W 347V	24	347V	249W	4000K	26,400
HB16LED16-120M	LED HIGH BAY 166W 120-277V	16	120-277V	166W	4000K	17,600
HB16LED16-347	LED HIGH BAY 166W 347V	16	347V	166W	4000K	17,600
HB12LED12-120M	LED HIGH BAY 126W 120-277V	12	120-277V	126W	4000K	13,300
HB12LED12-347	LED HIGH BAY 126W 347V	12	347V	126W	4000K	13,300
HB80LED08-120M	LED HIGH BAY 83W 120-277V	8	120-277V	83W	4000K	8,800
HB80LED08-347	LED HIGH BAY 83W 347V	8	347V	83W	4000K	8,800
HB LED FRAME/LENS	LED HIGH BAY FRAME/LENS	(Optional)				



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SPECIFICATION

Item	Parameter	HB24LED24-120M	HB24LED24-347	HB16LED16-120M	HB16LED16-347
Electrical#	Input (V _{AC})	120-277V	347V	120-277V	347V
	Frequency (Hz)	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Light Output*	Output Lumens (lm)	26,400 lm	26,400 lm	17,600 lm	17,600 lm
	Effective Lumens (lm)	26,400 lm	26,400 lm	17,600 lm	17,600 lm
	Power (W)	249W	249W	166W	166W
	Efficacy (lm/W)	106 lm/W			
	CCT (K)	4000K			
	CRI	80			
	Lifetime (Ta @ 25°C)	50,000 hours			
Mechanical	Dimension (mm)	1170(L) x 411(D) x 80(H)		1172(L) x 283(D) x 79(H)	
	Cover	Wire Guard or Diffusing Acrylic Lens (optional)			
	Weight (kg) / (lb)	7 Kg / 16 lb		7.7 kg / 17 lb	
Temperature	Ambient (°C)	-40°C to 40°C			
Standard Compliance	Approval Luminaire	cULus, DLC QPL			
	Environment	RoHS			

Item	Parameter	HB12LED12-120M	HB12LED12-347	HB80LED08-120M	HB80LED08-347
Electrical#	Input (V _{AC})	120-277V	347V	120-277V	347V
	Frequency (Hz)	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Light Output*	Output Lumens (lm)	13,300 lm	13,300 lm	8,800 lm	8,800 lm
	Effective Lumen (lm)	13,300 lm	13,300 lm	8,800 lm	8,800 lm
	Power (W)	126W	126W	83W	83W
	Efficacy (lm/W)	106 lm/W			
	CCT (K)	4000K			
	CRI	80			
	Lifetime (Ta @ 25°C)	50,000 hours			
Mechanical	Dimension (mm)	608(L) x 411(D) x 80(H)		1172(L) x 283(D) x 79(H)	
	Cover	Wire Guard or Diffusing Acrylic Lens (optional)			
	Weight (kg) / (lb)	4 kg / 9 lb		5.3 kg / 11.7 lb	
Temperature	Ambient (°C)	-40°C to 40°C			
Standard Compliance	Approval Luminaire	cULus, DLC QPL			
	Environment	RoHS			

*) Due to the special condition of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and do not necessarily correspond to the actual parameters of each single product which could differ from the typical data.

#) Exceeding maximum ratings for operation voltage will cause hazardous overload and will likely destroy the LED module.

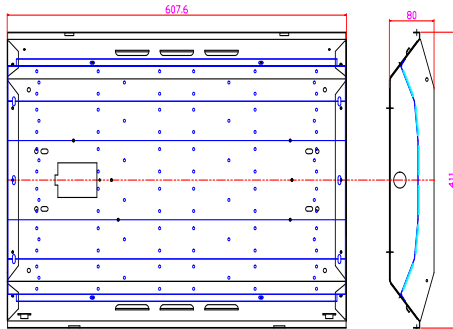


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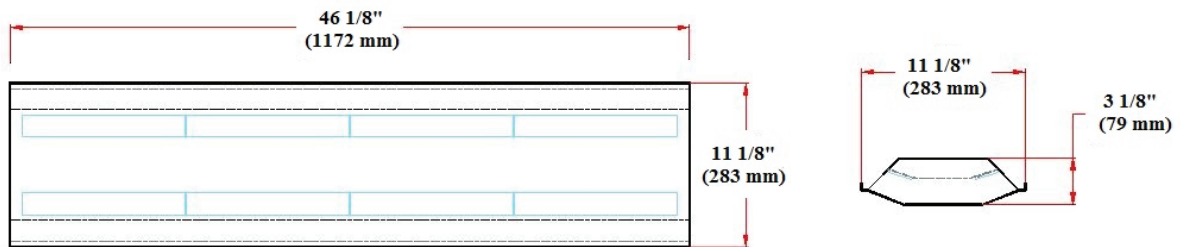


DIMENSION (continued)

HB12LED12



HB80LED08



SAFETY NOTE

- The LED luminaires itself and all its components may not be mechanically stressed.
- Heavy vibration should be avoided.
- The LED luminaires is not waterproof.
- Installation of LED luminaires needs to be made with regards to all applicable electrical and safety standards. Only qualified professional should be allowed to perform installations.