



MODULAR - HIGH WATT FLOOD/BAY/STREET HYBRID SERIES



PENDING

CE CB IP67 IK08 ErP

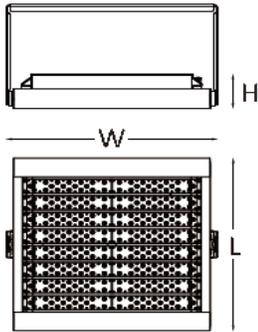


U- Bracket Mount shown

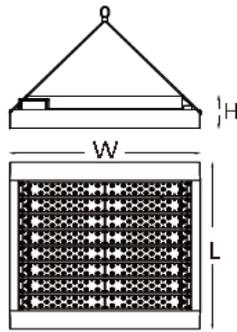
Compliant with the following standards:

- IEC /EN 60598-1: 2008
- IEC /EN 60598-2-3/A1: 2011
- EN 62493:2010
- IEC62471: 2008
- IEC62471-2:2009
- EN 55015: 2013
- EN61547:2009
- EN61000-3-2/A2:2009
- EN 61000-3-3:2013
- (EU) 1194/2012:2012-12-12
- (EC) 244/2009:2009-03-18

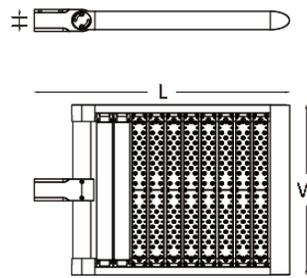
Ik08 rating, 1000 hours salt mist test reports are furnished upon request.



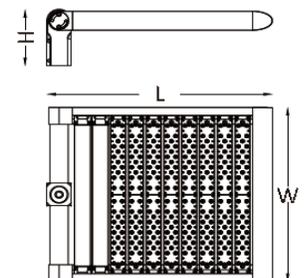
MOUNTING TYPE U



MOUNTING TYPE C



Horizontal tenon mount



Pole-top mount

Features & Benefits

- Patented mechanical design and thermal management.
- Compact, low profile design. Smaller in size and weight.
- Standard 700mA drive current only, 100lm/W system efficacy.
- Incomparable wattage (450W, 600W, 750W and 900W), lumen output and optic choices
- Powered by the worldwide best LED, LED drivers, and other key components.
- Compliant with almost all the major product qualifications e. g cULus, DLC, CE, CB.
- The most competitive in cost performance, and one of the best ownership costs.
- 10 years limited warranty, free from maintenance for 10 years at least,
- The most competitive in operating cost, soonest in return on investment (ROI) or payback.



Pole top Mount shown

Applications

Commercial and industrial lighting - High Wattage Bay and Area Lighting - Modular system

- Airport Illumination • Auto Dealership Illumination • Government Facilities Illumination • Municipal Illumination
- Parking Structure Illumination • Petroleum & Convenience Illumination • Recreation & Public Venue Illumination
- Other high-lumen applications

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Brief Specifications

Model No.	CFHBMHB450		CFHBMHB600		CFHBMHB750		CFHBMHB900	
No. of LEDs	216		288		360		432	
Power	450W		600W		750W		900W	
Net Weight	19.63kg		23.21kg		27.45kg		30.72kg	
Gross Weight	21.68kg		25.76kg		30.07kg		33.72kg	
Dimensions (L x W x H)	502 x 680		622 x 680		742 x 680		862 x 680	
	x 123mm		x 123mm		x 123mm		x 123mm	
Carton Dimensions (L x W x H)	605 x 740		725 x 740		845 x 740		965 x 740	
	x 170mm		x 170mm		x 170mm		x 170mm	
Input	120-277V AC	347-480V AC						
	220-240V AC		220-240V AC		220-240V AC		220-240V AC	

Drive current:700mA

General Specifications

Electrical:

- Power Factor: >0.95 at full load.
- Total Harmonic Distortion: <20% at full load.

Lifetime per TM21 and working temperature:

- Reported L70 Lifetime: >60,000 hours . Calculated L70 Lifetime: >100,000 hours.
- Ambient Temperature (Ta): -40 to 50 degrees celcius (-40 to 122 degrees Fahrenheit).

Typical Luminous Efficacy:

- Typical Luminous Efficacy: 100 lm/w (5000K CCT, Ra>70).
- System Efficacy and power are customized, e.g. 130 lm/W.

Materials:

- LED option: CREE or PHILIPS Lumileds.
- LED Driver Origin: PHILIPS or MEANWELL.
- Worldwide top brand quick connector for tool-free wiring, and terminal block for easiest wiring.
- Extruded aluminium LED driver compartment with die cast aluminium end cap, and led light bar end caps with corrosion resistant powder coating. Extruded aluminium alloy heat sink with anodized finish. 304 graded stainless steel protective cover to protect UV resistant polycarbonate lenses.
- Suitable for 60mm(2.375") outer diameter pole-arm mount

Available Options

POWER	OPTICS	HOUSING		LIGHTING CONTROL		ADD:
(120-277V AC)	T1M:Type I Medium T5U:	GR	GREY	0	NOT REQUIRED	
(347-480V AC)	T5V: 25°	BK	BLACK	1	PHOTO CELL	AVAILABLE
220-240V AC	T5W: 40°	BZ	BRONZE	2	MOTION SENSOR	AVAILABLE
	T5S: 60°			3	PHOTO CELL & MOTION SENSOR	AVAILABLE
	T5M: 90°			4	DALI	Not Available
	T5L: 120°			5	1 10V DIMMING	Not Available
	T5D: 120° (frosted front cover, glare resistant)					
	T2M, T3M, T3L, T4S: Under Development	MOUNT TYPE		CCT		
		C	CHAIN	3000K		
		U	BRACKET	4000K		
		P	POLE	5000K		
				5700K		

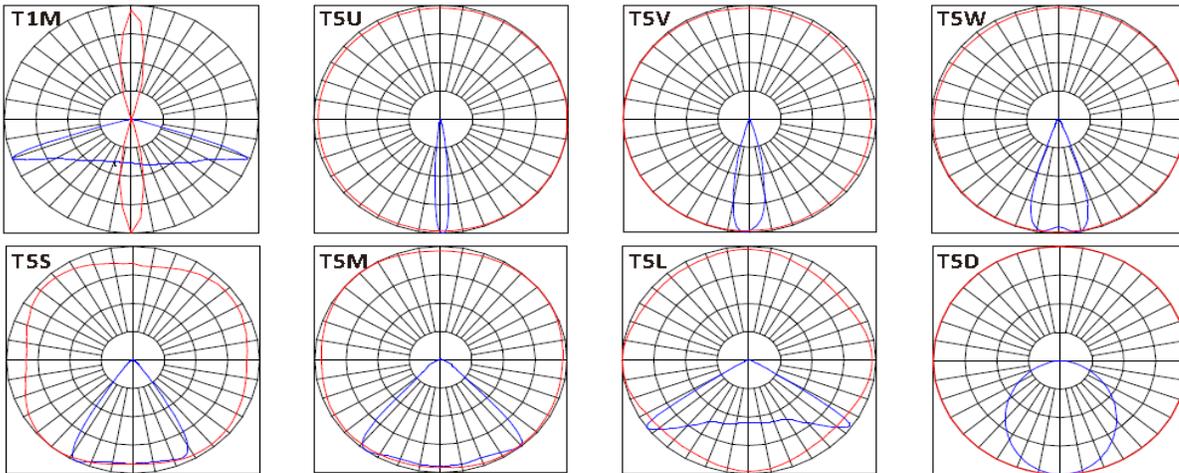
ORDERING INFO EXAMPLE

CFHBMHB450-C-T5M-5000K-BK-00

CFHBMHB900-P-T5L-5000K-BK-00

CFHBMHB750-U-T5L-5000K-GR-00

Photometrics



Optic Lens Options:

- T1M:Type I Medium T5U: 10°
- T5V: 25°
- T5W: 40°
- T5S: 60°
- T5M: 90°
- T5L: 120°
- T5D: 120° (frosted front cover, glare resistant)
- T2M, T3M, T3L, T4S: Under Development

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