



COOL FIN LED MODULAR - U BRACKET AREA FLOOD - HYBRID



cULus and DLC QPL listed.
(UL File No.: E467349)

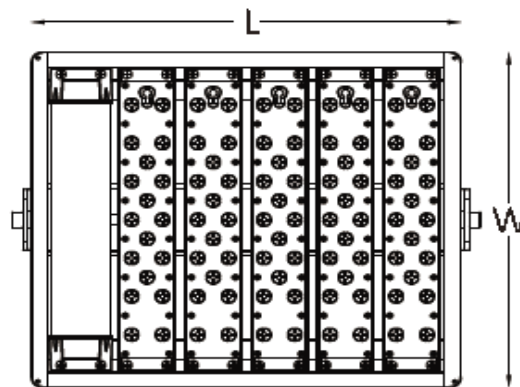
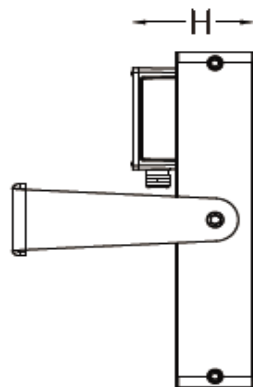


CE CB IP67 IK08 ErP 

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.



Features & Benefits

- Based on the most successful product development, manufacturing and application expertise and experience.
- Powered by the worldwide best LED, LED drivers, and other key components.
- Meets all the major product qualifications.
- Sufficient optics solutions at option to meet almost all lighting standards.
- Modular mechanical construction, and the most thoughtful design, make the product the most user friendly and easiest for assembly, maintenance and installation.
- 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.
- Environmentally friendly packaging materials (EPE).



Applications

Commercial and industrial lighting - versatile multi bracket - Modular system

Airport Illumination Company Campus Illumination - Healthcare Facilities Illumination - Municipal Illumination - Petroleum & Convenience Illumination
Restaurant & Hotel Illumination -Retail & Grocery Illumination- Education Facilities Illumination- Government Facilities Illumination

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Brief Specifications-120-277V AC or 220-240V

Model No.	CFHBMHB60	CFHBMHB90	CFHBMHB120	CFHBMHB150	CFHBMHB180	CFHBMHB210	CFHBMHB240	CFHBMHB270	CFHBMHB300
No. of LEDs	36	54	72	90	108	126	144	162	180
Power	60W	90W	120W	150W	180W	210W	240W	270W	300W
Net Weight	4.97kg	6.10kg	7.01kg	7.74kg	10.13kg	10.96kg	12.23kg	12.98kg	13.68kg
Gross Weight	5.62kg	6.85kg	7.89kg	8.71kg	11.21kg	12.09kg	13.40kg	14.20kg	14.96kg
Dimensions (L x W x H)	210 x 330 110mm	270 x 330 x 100mm	330 x 330 110mm	390 x 330 x 100mm	510 x 330 x 110mm	570 x 330 x 110mm	630 x 330 x 110mm	690 x 330 x 110mm	750 x 330 x 110mm
Carton Dimensions (L x W x H)	315 x 425 x 160mm	375 x 425 160mm	435 x 425 x 160mm	495 x 425 160mm	615 x 425 x 160mm	675 x 425 x 160mm	735 x 425 x 160mm	795 x 425 x 160mm	855 x 425 x 160mm
Input	120-277V AC or 220-240V AC 50/60Hz								

Drive current:530mA

Brief Specifications-347-480V AC 50/60Hz

Model No.	CFHBMHBC80	CFHBMHBC120	CFHBMHBC160	CFHBMHBC200	CFHBMHBC240	CFHBMHBC280	CFHBMHBC320
No. of LEDs	36	54	72	90	108	126	144
Power	80W	120W	160W	200W	240W	280W	320W
Net Weight	4.97kg	6.10kg	7.01kg	8.80kg	10.13kg	10.96kg	12.23kg
Gross Weight	5.62kg	6.85kg	7.89kg	9.77kg	11.21kg	12.09kg	13.40kg
Dimensions (L x W x H)	210 x 330 x 110mm	270 x 330 x 110mm	330 x 330 x 110mm	450 x 330 x 110mm	510 x 330 x 110mm	570 x 330 x 110mm	630 x 330 x 110mm
Carton Dimensions (L x W x H)	315 x 425 x 160mm	375 x 425 x 160mm	435 x 425 x 160mm	555 x 425 x 160mm	615 x 425 x 160mm	675 x 425 x 160mm	735 x 425 x 160mm
Input	347-480V AC 50/60Hz						

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(120V): 110 lm/w (5000K CCT, Ra>70).
- Typical Luminous Efficacy(347V): 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.

Available Options

POWER	OPTICS		HOUSING		CCT	LIGHTING CONTROL	
(120-277V AC)	1) T1M	Type I Medium	GR	GREY	3000K	0	NOT REQUIRED
(347-480V AC)	2) T2M	Type II Medium	BK	BLACK	4000K	1	PHOTO CELL
	3) T3M	Type III Medium	WH	WHITE	5000K	2	MOTION SENSOR
	4) T3L	Type III Long	BZ	BRONZE	5700K	3	PHOTO CELL & MOTION SENSOR
	5) T4S	Type IV Short				4	DALI
	6) T5U	10°				5	1 10V DIMMING
	7) T5V	25°					
	8) T5W	40°					
	9) T5S	60°					
	10) T5M	90°					
	11) T5L	120°					
	12) T5D	Glare resistant diffuser.					



Ordering Information

Example1:

CFHBMHBU - 150-120-T2M-5000-BZ-0							
CFHBMHBU	U	150	120	T2M	5000	BZ	0
type	MOUNTING	wattage	input	lens	cct	Housing Color	Lighting control

Example2:

CFHBMHBCU - 240-347-T2M-5000-BK-1							
CFHBMHBCU	U	240	347	T2M	5000	BK	0
type	MOUNTING	wattage	input	lens	cct	Housing Color	Lighting control

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