



COOL FIN LED MODULAR - CANOPY HYBRID SERIES



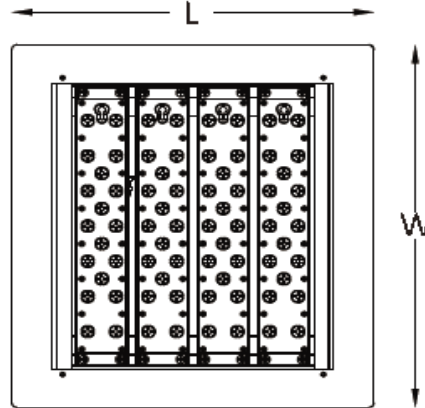
CE CB IP67 IK08 ErP 



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

HEAD OFFICE - EDMONTON

18805 87A Ave
Edmonton AB T5T 5Z7
ph: 780 - 905 - 3970
Fax 780-489-9441

BC REGIONAL HEAD OFFICE

9338 Lochside Drive
Sidney, BC V8L 1N7
PH: 250 - 213-5070
Fax 250 - 656-1392



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

Model No.	CFHBMHB90E	CFHBMHB120E	CFHBMHB150E	CFHBMHB180E
No. of LEDs	54	72	90	108
Power	90W	120W	150W	180W
Net Weight	6.13kg	6.89kg	7.62kg	9.68kg
Gross Weight	7kg	7.83kg	8.66kg	10.78kg
Dimensions (L x W x H)	298 x 389 x 125	358 x 389 x 125	418 x 389 x 125	478 x 389 x 125
Carton Dimensions (L x W x H)	375 x 425 x 160mm	435 x 425 x 160mm	495 x 425 x 160mm	615 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.	CFHBMHBC120E	CFHBMHBC180E	CFHBMHBC200E	CFHBMHBC240E
No. of LEDs	54	72	90	108
Power	120W	160W	200W	240W
Net Weight	6.13kg	6.89kg	8.69kg	9.68kg
Gross Weight	7kg	7.83kg	9.42kg	10.78kg
Dimensions (L x W x H)	298 x 389 x 125mm	358 x 389 x 125mm	418 x 389 x 125mm	478 x 389 x 125mm
Carton Dimensions (L x W x H)	375 x 425 x 160mm	435 x 425 x 160mm	555 x 425 x 160mm	615 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		LIGHTING CONTROL		ADD:
(120-277V AC)	1) T1M	Type I Medium	GR	GREY	0	NOT REQUIRED	0
(347-480V AC)	2) T2M	Type I I Medium	BK	BLACK	1	PHOTO CELL	Enquire
	3) T3M	Type I I I Medium	WH	WHITE	2	MOTION SENSOR	Enquire
	4) T3L	Type I I I Long	BZ	BRONZE	3	PHOTO CELL & MOTION SENSOR	Enquire
	5) T4S	Type I V Short			4	DALI	Enquire
	6) T5U	10°			5	1 10V DIMMING	Enquire
	7) T5V	25°					
	8) T5W	40°					
	9) T5S	60°					
	10) T5M	90°					
	11) T5L	120°					
	12) T5D	Glare resistant diffuser					

CCT
3000K
4000K
5000K
5700K

Ordering Information

CFHBMHBE - 150-120-T2M-5000-WH-0							
Example1:	CFHBMHBE	E	150	120	T2M	5000	WH 0
	type	MOUNTING	wattage	input	lens	cct	Housing Color Lighting control

CFHBMHBE - 280-347-T2M-5000-WH-1							
Example2:	CFHBMHBE	E	280	347	T2M	5000	WH 0
	type	MOUNTING	wattage	input	lens	cct	Housing Color Lighting control

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