



# COOL FIN LED MODULAR - WALL MOUNT HYBRID SERIES



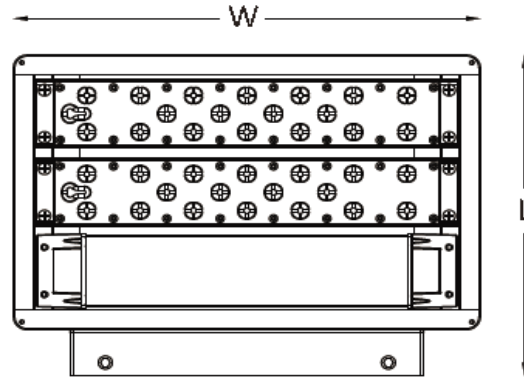
CE CB IP67 IK08 ErP 



### 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  
 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

### HEAD OFFICE - EDMONTON

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

Model No.	CFHBMHB40W	CFHBMHB80W	CFHBMHB120W	CFHBMHB160W
No. of LEDs	18	36	54	72
Power	40W	80W	120W	160W
Net Weight	4.09kg	5.08kg	6.07kg	7.8kg
Gross Weight	4.74kg	5.73kg	6.82kg	8.65kg
Dimensions (L x W x H)	215 x 330 x 70mm	275 x 330 x 70mm	335 x 330 x 70mm	395 x 330 x 70mm
Carton Dimensions (L x W x H)	225 x 425 x 160mm	285 x 425 x 160mm	345 x 425 x 160mm	405 x 425 x 160mm
EPA	0.300sq.ft	0.323sq.ft	0.346sq.ft	0.383sq.ft
Input	120-277V AC or 220-240V AC 50/60Hz			

Drive current: 700mA

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

Model No.	CFHBMHBC80W	CFHBMHBC120W	CFHBMHBC160W
No. of LEDs	36	54	72
Power	80W	120W	160W
Net Weight	5.08kg	6.07kg	7.8kg
Gross Weight	5.73kg	6.82kg	8.65kg
Dimensions (L x W x H)	275 x 330 x 70mm	335 x 330 x 70mm	395 x 330 x 70mm
Carton Dimensions (L x W x H)	285 x 425 x 160mm	345 x 425 x 160mm	405 x 425 x 160mm
EPA	0.323sq.ft	0.346sq.ft	0.383sq.ft
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 I V 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:

CFHBMHBW - 160-120-T2M-5000-BZ-0							
CFHBMHBW	W	160	120	T2M	5000	BZ	0
type	MOUNTING	wattage	input	lens	cct	Housing Color	Lighting control

Example2:

CFHBMHBCW - 80-347-T2M-5000-BZ-1							
CFHBMHBCW	W	80	347	T2M	5000	BZ	0
type	MOUNTING	wattage	input	lens	cct	Housing Color	Lighting control

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