

# CLHB8

LED Cold Linear  
High Bay 8'



Arrays	Lumen ID	Wattage	Delivered Lumens	LPW
2	13000	85	11,583 to 13,803	136 to 162
2	15000	100	13,500 to 16,088	135 to 161
4	22000	150	19,800 to 23,157	132 to 157
4	28000	200	26,318 to 30,416	132 to 152
6	34000	227	30,416 to 36,163	134 to 159
6	43000	299	38,132 to 45,691	128 to 153
8	57000	400	50,940 to 60,432	127 to 151

## Ordering Information

BAY	CLHB8					
Series	Family	Arrays	Lumen ID	CCT	Lens Options	Voltage
1st Source LED Bay Series	Cold Linear High Bay 8'	2	13000, 15000	35K	O = Open-No Lens	U = Universal 120-277v
		4	22000, 28000	40K	LAC = Linear Acrylic	3 = 347v (Consult Factory)
		6	34000, 43000	50K	DAC = Diffused Acrylic	4 = 480v (Consult Factory)
		8	57000		LWC = Ligh Duty Wire Cage	

Mounting Options
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CC = Chain or Cable Mount  
SM = Surface Mount  
ISM = Internal Surface Mount  
P = Pendant (Specify .5 or .75)  
TRB = Threaded Rod Bracket

Dimming and Control Options
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D0 = Dim to Off  
D10 = Dim to 10%  
DLV = Dim by Line Voltage  
MS = Motion Sensor  
AB = A/B Switching  
WCM = Wireless Control Module

Accessories
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C = Cord (Specify Length)  
P = Plug (Specify NEMA)  
FH = # 630 Fixture Hanger  
GRP = Gripple Toggle Hanger  
EQ = Seismic Anti Sway Clips  
EM = Emergency Driver

Project	
Type:	Approved By:

## APPLICATIONS

Cold storage warehouses and distribution centers, production and manufacturing facilities, cold environments down to -30°F.

## CONSTRUCTION

.040" white pre-painted aluminum housing, linear or diffused acrylic lens option. All fixtures are manufactured in the USA.

## MOUNTING

Chain or gripple toggle lock, surface mount brackets or internal surface mount, pendant mount, threaded rod, custom mounting available.

## SYSTEM SPECIFICATIONS

High flux linear LED modules: 80+ CRI, CCT: 3500K, 4000K or 5000K.  
Constant current LED power supplies: power factor > 0.9, THD < 20%, universal voltage 120-277v, 347-480v available.

## DIMMING & CONTROLS

Low voltage 0-10v dimming, dim to off or dim by line voltage. Area or aisle motion sensor, wireless control system with IP protocol, A/B array switching, emergency battery back-up option.





## RATINGS & WARRANTY

Temperature rated from -34°C to 50°C (-30°F to 122°F), service life > 100,000 hours (L90), CSA and DLC listed, BAA/TAA compliant, RoHS compliant, 5 year product warranty.

All fixtures are made in the USA  
"Our mission is BAA/TAA compliance"



## Wattage & Lumen Values

8' Configurations		Open-No Lens			Linear Acrylic Lens		Diffused Acrylic Lens	
Length: 93.59" , Height 4.47"	Lumen ID-CCT	Wattage	Lumens	LPW	Lumens	LPW	Lumens	LPW
	13000-4000K	85	13,711	161	12,602	148	11,583	136
	13000-5000K	85	13,803	162	13,022	153	11,969	141
	15000-4000K	100	15,981	160	14,688	147	13,500	135
	15000-5000K	100	16,088	161	15,177	152	13,950	140
2-Array: Width 6.08"								
	22000-4000K	150	23,438	156	21,542	144	19,800	132
	22000-5000K	150	23,595	157	22,260	148	20,459	136
	28000-4000K	200	30,150	151	27,711	139	25,602	128
	28000-5000K	200	30,352	152	28,634	143	26,318	132
4-Array: Width 8.77"								
	34000-4000K	227	36,004	159	33,092	146	30,416	134
	34000-5000K	227	36,163	159	34,116	150	32,830	145
	43000-4000K	299	45,139	151	41,488	139	38,132	128
	43000-5000K	299	45,691	153	43,105	144	41,453	139
6-Array: Width 12.07"								
	57000-4000K	400	60,300	151	55,423	139	50,940	127
	57000-5000K	400	60,432	151	57,011	143	52,400	131
8-Array: Width 15.36"								

Delivered lumens are based on reports produced in accordance with IES photometric testing protocol using a single representative test. Production units may vary from the values reported by up +/- 5%.