

# CLHB4

LED Cold  
Linear High Bay 4'



4 Foot 3-Array Pictured

Arrays	Part ID	Wattage	Delivered Lumens	LPW
2	13000	85	11,208 to 13,803	132 to 162
2	15000	100	13,500 to 16,088	135 to 161
3	18000	125	16,625 to 19,812	133 to 158
3	22000	150	19,875 to 23,595	133 to 157
4	24000	170	22,270 to 26,539	131 to 156
4	28000	200	25,604 to 30,352	128 to 152
5	36000	250	31,838 to 37,940	127 to 152
6	43000	300	38,205 to 45,528	127 to 152

Delivered lumens vary per lens option and color temperature. Refer to lumen values on page 2.

## Ordering Information

BAY	CLHB4					
Series	Family	Arrays	Part ID	CCT	Lens Options	Voltage
1st Source LED Bay Series	Cold Linear High Bay 4'	2 3 4 5 6	12000, 13000, 15000 18000, 22000 24000, 28000 36000 43000	35K 40K 50K	O = Open-No Lens LAC = Linear Acrylic DAC = Diffused Acrylic LWC = Light Duty Wire Cage	U = Universal 120-277v 3 = 347v (Consult Factory) 4 = 480v (Consult Factory)

Mounting Options	Dimming and Control Options	Accessories
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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

D0 = Dim to Off  
D10 = Dim to 10%  
DLV = Dim by Line Voltage  
MS = Motion Sensor  
AB = A/B Switching  
Wireless Controls

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

0-10v dimming, dim to off or dim by line voltage. Integral microwave motion sensor, wireless control from a switch, PC or handheld device, A/B array switching, emergency driver 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 listed, BAA compliant.

(5) year product warranty. Consult factory for extended warranties.

## Wattage & Lumen Values

Model	Wattage	CCT	Open-No Lens		Linear Acrylic Lens		Diffused Acrylic Lens	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
BAY-CLHB4-2-12000	75w	4000K	11,787	157	11,120	148	10,220	136
BAY-CLHB4-2-12000	75w	5000K	12,179	162	11,490	153	10,561	141
BAY-CLHB4-2-13000	85w	4000K	12,926	152	12,195	143	11,208	132
BAY-CLHB4-2-13000	85w	5000K	13,803	162	13,022	153	11,969	141
BAY-CLHB4-2-15000	100w	4000K	15,569	156	14,688	147	13,500	135
BAY-CLHB4-2-15000	100w	5000K	16,088	161	15,177	152	13,950	140
BAY-CLHB4-3-18000	125w	4000K	19,173	153	18,088	145	16,625	133
BAY-CLHB4-3-18000	125w	5000K	19,812	158	18,690	150	17,179	137
BAY-CLHB4-4-22000	150w	4000K	22,453	150	21,624	144	19,875	133
BAY-CLHB4-4-22000	150w	5000K	23,595	157	22,260	148	20,459	170
BAY-CLHB4-4-24000	170w	4000K	25,684	151	24,230	143	22,270	131
BAY-CLHB4-24000	170w	5000K	26,539	156	25,037	147	23,012	135
BAY-CLHB4-4-28000	200w	4000K	29,528	148	27,857	139	25,604	128
BAY-CLHB4-4-28000	200w	5000K	30,352	152	28,634	143	26,318	132
BAY-CLHB4-5-36000	250w	4000K	36,718	147	34,639	139	31,838	127
BAY-CLHB4-5-36000	250w	5000K	37,940	152	35,793	143	32,898	132
BAY-CLHB4-6-43000	300w	4000K	44,061	147	41,567	139	38,205	127
BAY-CLHB4-6-43000	300w	5000K	45,528	152	42,951	143	39,477	132

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%.

## Dimensions

Model-Arrays	w/o Sensor	with Sensor
BAY-CLHB4-1	46.25" x 6.07" x 4.47"	49.25" x 6.07" x 4.47"
BAY-CLHB4-2	46.25" x 8.77" x 4.47"	49.25" x 8.77" x 4.47"
BAY-CLHB4-3	46.25" x 12.07" x 4.47"	49.25" x 12.07" x 4.47"
BAY-CLHB4-4	46.25" x 15.36" x 4.47"	49.25" x 15.36" x 4.47"
BAY-CLHB4-5	46.25" x 18.66" x 4.47"	49.25" x 18.66" x 4.47"
BAY-CLHB4-6	46.25" x 21.95" x 4.47"	49.25" x 21.95" x 4.47"

## Wireless Controls

Control dimming and daylight harvesting from a PC, handheld device or kinetic switch. EnOcean and Zigbee protocols or Blue Tooth Mesh options available. Pre-commisioned at factory.

