



CHB-SE™

Circular High Bay

DESCRIPTION

The CHB-SE™ LED SERIES circular high bay is a compact and sleek solution for multiple locations with open ceilings such as warehouses, fitness centers, and other industrial environments. The CHB-SE™ delivers optimum performance and quality illumination for the utmost efficient and economical choice. The impact resistant and glare reducing PC lens removes the need for a wire guard resulting in a matte black design that is slim, safe, and durable.

APPLICATIONS

Commercial, Retail, Institution, Warehouse, and Industrial

FEATURES



Not all products are qualified on the DLC® QPL. To view our DLC® qualified products, please consult the DLC® Qualified Products List at www.designlights.org/qpl.



CHB-SE™

- 67W (9,100 lm)
- 97W (12,800 lm)
- 140W (18,500 lm)
- 190W (25,000 lm)

Construction

Rugged, die-cast housing with advanced thermal management system ensures reliability and durability. Available in black finish.

Electrical

Input voltage 120-277VAC or 347-480VAC (Optional only 140W/190W)
 2 ft. power cord comes standard.
 8W Emergency Battery Backup Available. (Can only be installed with Hang Hook Mount/Pendant Mount (HM).)
 40W Emergency Inverter (Field Install). [120-277V/Black Finish only]

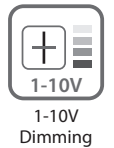
Projected L70: 75,000 hours
 Warranty: 5 Years
 System Efficacy: Up to 132 LpW
 1-10V Dimming

Optical System

Provides a diffused visually comforting 120 degree distribution.

Installation/ Mounting

Hanging Mount (Standard)/Pendant Mount [3/4"]
 (Standard- Stem is not included) or Surface Mount Kit

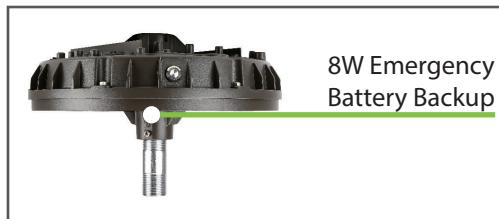
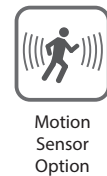


Warranty

5 Year Warranty.
 Optional 7/10 Year Warranty Available.
 See warranty documentation for more information.

Control/Dimming

1-10V Dimming comes standard.
 Integrated Bi-level Occupancy/Daylight Harvesting sensor option available.



Ordering Information

EXAMPLE: CHB-SE-140W-50K-U-D-B

Series	Wattage	CCT	Input Voltage	Dimming	Finish	Mounting Options	Control Option	Emergency Backup
CHB-SE	67W 97W	50K - 5000K 40K - 4000K	U - 120-277VAC	D - 1-10V Dimming	B - Black	HM - Hanging Mount/Pendant Mount (Included) SM - Surface Mount Kit	M - Bi-level Occupancy/Daylight Harvesting Sensor	EM - 8W Emergency Battery Backup
	140W 190W		U - 120-277VAC H - 347-480VAC					

Accessories

- RC-RC-100 (TGS- Wireless Configuration Tool)
- WP-EWG-040U (40W Emergency Inverter)

Note: 67W and 97W are only 120-277V.

Specifications and Dimensions subject to change without notice.

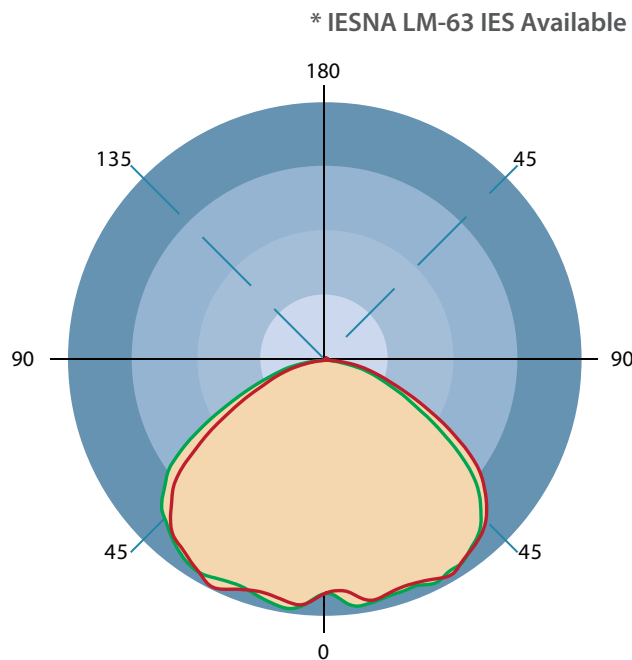
***MOQ and longer lead times may apply, please contact customer service for more information.**

Optional accessories are purchased separately.

Performance Information

Input Voltage	120-277VAC, 277V-480VAC (Optional)
Input Frequency	50/60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	See Performance Table
CRI	>80
Available CCT	4000K, 5000K
Projected L70	75,000+ hours
Power Factor	>0.9
THD	<20%
Dimming	1-10V
Operating Temp.	-40°~122°F
IP Rating	Suitable for wet location

Photometric Data



Performance Table

SKU	Wattage (W)	5000K	
		Delivered Lumens (lm)	Efficacy (lm/W)
CHB-SE-67W-50K-U-D-B	67	9100	136
CHB-SE-97W-50K-U-D-B	97	12800	132
CHB-SE-140W-50K-U-D-B	140	18500	132
CHB-SE-180W-50K-U-D-B	190	25000	132

Electrical Load

Wattage (W)	Driver Current (mA)	Current (A)					
		120V	208V	240V	277V	347V	480V
67	1080	0.56	0.32	0.28	0.24	-	-
97	2500	0.81	0.47	0.40	0.35	-	-
140	3300	1.25	0.72	0.63	0.54	0.43	0.31
190	5000	1.76	0.96	0.83	0.72	0.58	0.42

Product Dimensions

67W/97W



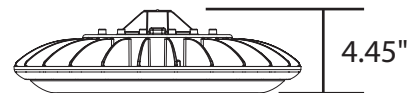
67W Weight: 5.29 lbs.
97W Weight: 5.95 lbs.

140W

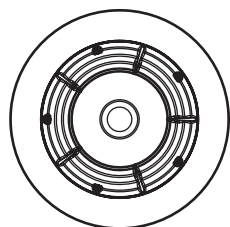


140W Weight: 6.31 lbs.

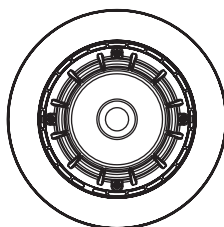
190W



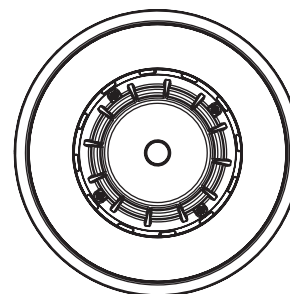
190W Weight: 9.28lbs.



ø13.03"

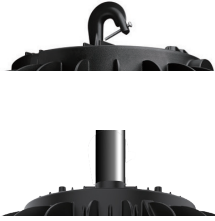


ø13.03"



ø15.55"

Mounting and Controls Options



Hanging Hook/Pendant Mount [3/4"]
(Stem Not Included)
(Standard)
[HM]



Surface Mount Kit
[SM]



8W Emergency Battery Backup
(Only be installed with Hanging
Hook /Pendant Mount [HM])
[EM]



40W Emergency Inverter
(Field Install)
(120-277VAC/In Black Only)
[WP-EWG-040U]



Bi-level Occupancy/
Daylight Harvesting Sensor
[M]



TGS- Wireless Configuration Tool
(Sold Separately)
[RC-RC-100]

Control Pre-Commissioning

Default settings are indicated by *

High-End Trim/ Tuning	Sensitivity Range	Time Delay	Daylight Harvesting	Stand-by Light Level Setting	Stand-by Time Setting
70%	20%	10s	*Light sensor disabled	0%	∞
80%	50%	1min	1 FC (10 lux)	*10%	1min
90%	75%	*10min	3 FC (30 lux)	30%	30min
*100%	*100%	15min	5 FC (50 lux)	50%	*60min

High-End Trim/Tuning:

Setting that determines the maximum lumen output through high-end trim tuning, can be reduced by up to 30 percent.

Sensitivity Range:

Setting that determines the sensitivity range of the motion sensor when the daylight sensor is disabled.

Time Delay:

The light can be set to stay ON for any period of time between approx. 10 sec. to a maximum of 60 min. Any movement detected before this time elapse will re-start the timer.

Daylight Harvesting:

The chosen light response threshold can be disabled or respond when photocell detects foot candle levels 1-5 FC

Stand-by Light Level:

Setting determines how much lumen output is dimmed down to when no motion is detected.

Stand-by Time:

Setting determines how long after stand-by light level occurs the light will shut off. Up to 60 minutes.