

## CHB-E™

## Circular High Bay



### DESCRIPTION

The CHB-E LED SERIES circular high bay is a durable, heavy-duty construction. High performance, high-efficacy provides a robust solution for high ceiling applications, especially warehouse spaces. Utilizing Samsung LED chips, CHB-E delivers high output performance and quality illumination. It improves warehouse safety and productivity, lower maintenance cost, and reducing operating costs.

### 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](http://www.designlights.org/qpl).



### CHB-E™

100W (13,000 lm)  
150W (19,500 lm)  
200W (26,000 lm)

#### Construction

Rugged, die-cast housing with advanced thermal management system ensures reliability and durability. Available in Black and White Finish.

#### Electrical

Input voltage 100-277V for convenient installation.  
40W Emergency Inverter (Field Install). [120-277V/Black Finish only]  
3.75kV surge protector included.  
3 ft [SOW (600V)/SJOW (300V)] rated power cable comes standard.  
6 inch dimming wire standard.  
[Note: For longer dimming wire speak with TGS representative for details.]

Projected L70: 54,000 hours  
Warranty: 5 Years  
System Efficacy: 130 LpW  
1-10V Dimming



IP65



1-10V  
Dimming

#### Optical System

Tempered glass len providing a 120° beam angle.

#### Installation/ Mounting

Hanging Mount (Standard) and Conduit Pendant Mount [3/4"] (Optional). 10' Safety Cable option available.

#### Warranty

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

#### Controls/Dimming

1-10V Dimming comes standard.



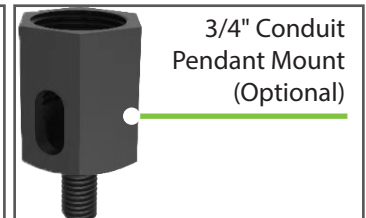
Die-cast Aluminum  
Construction



Hanging Hook  
(Standard)



6' Safety Cable  
(Included)



3/4" Conduit  
Pendant Mount  
(Optional)

### Ordering Information

#### EXAMPLE: CHB-E-100W-50K-WD-U-D-HM-B

Series	Wattage	CCT	Beam Angle	Input Voltage	Dimming	Mounting Option	Finish
CHB-E	100W 150W 200W	40K - 4000K 50K - 5000K	WD - 120°	U - 100-277VAC	D - 1-10V Dimming	<b>HM - Hanging Mount (Standard)</b> PM - Conduit Pendant Mount 3/4"	<b>B - Black</b> *W - White

#### Accessories

CHB-E-WG-B (Wire Guard)  
CHB-E-WG- W (Wire Guard)  
WP-EWG-040U (40W Emergency Inverter)  
SAFETY-SS-10FT (10' Safety Cable)

**Optional accessories are purchased separately.**

Specifications and Dimensions subject to change without notice.

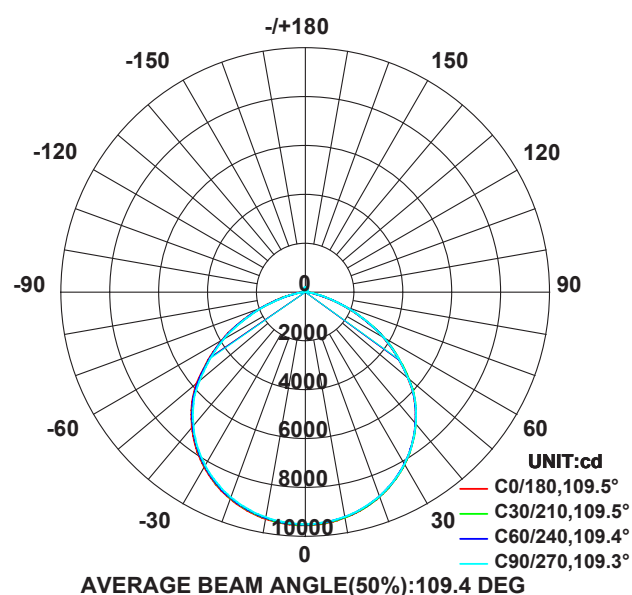
\*MOQ and longer lead times may apply, please contact customer service for more information.

## Performance Information

Input Voltage	100-277VAC
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	54,000+ hours
Power Factor	>0.9
THD	<20%
Dimming	1-10V
Operating Temp.	-22°~122°F
IP Rating	IP65

## Photometric Data

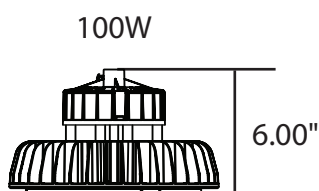
\* IESNA LM-63 IES Available



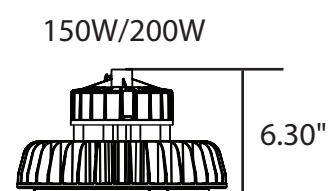
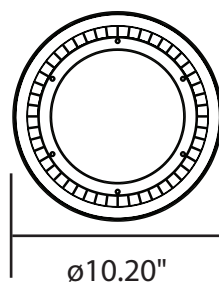
## Performance Table

SKU	Wattage (W)	5000K	
		Delivered Lumens (lm)	Efficacy (lm/W)
CHB-E-100W-50K-WD-U-D-HM-X	100	13500	135
CHB-E-150W-50K-WD-U-D-HM-X	150	20250	135
CHB-E-200W-50K-WD-U-D-HM-X	200	27000	135

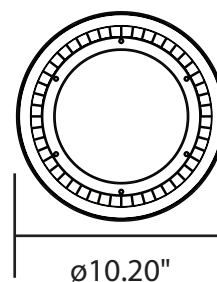
## Product Dimensions



Weight: 6 lbs.



Weight: 7 lbs.



## Accessories

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Wire Guard  
(Black or White Finish)  
(Cannot be used with Reflectors)  
[CHB-E-WG-B, CHB-E-WG-W]



10' Safety Cable  
(Optional)  
[SAFETY-SS-10FT]



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