



CHB-XT80™ Extreme Temperature High Bay

DESCRIPTION

The CHB-XT80 series high bay luminaire is built to withstand high temperatures and harsh environments without sacrificing performance and visual comfort. A heavy duty heat sink and elongated driver compartment creates a larger surface area and generates a vertical convective airflow for improved cooling in extreme temperatures. High-performance LED's are enclosed in a premium tempered glass lens, ensuring bright, uniform illumination and reliability in temperatures ranging from -40C/-40F to 80C/176F. Multiple beam angles and accessories are available to suit a variety of industrial needs, including the ability to use twin units, producing 45,000 lumens.

APPLICATIONS

Steel Mills, Foundries, Smelting Facilities, Power Plants, Heavy Industrial Facilities



CHB-XT80™
150W (22,500 lm)

FEATURES

Construction

Heavy duty anodized aluminum housing and corrosion resistant coating. High performance heat sink with excellent heat dissipation for ensured long system lifespan under extreme conditions.

Electrical

Input voltage: 120-277V or 347-480V
Powered by Nichia 3030 LED package.
ANSI/IEEE C62.41.2 Compliant 10kV surge protection.

Projected L70: 55,900 hours
@ Ta: 149°F-176°F
Warranty: 5 Year
System Efficacy: Up to 150 LpW
1-10V Dimming

Optical System

Tempered glass lens with 110° distribution.
60° reflector available.

Installation/ Mounting

Hanging Mount (Standard) or Pendant Trunion Bracket,
Junction Box, Junction box with U-bracket



IP67
Rated



1-10V (10%)
Dimming

Warranty

5 Year Warranty.
See warranty documentation for more information.

Controls/Dimming

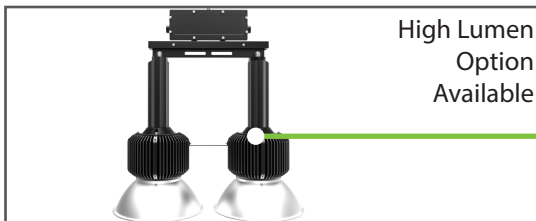
1-10V (10%) Dimming



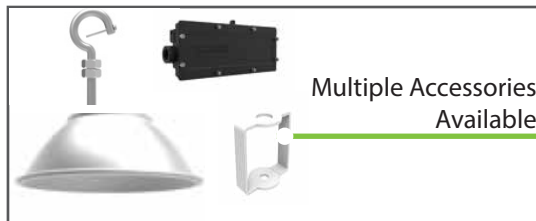
Extreme
Temperature



480V
Option



High Lumen
Option
Available



Multiple Accessories
Available

Ordering Information

EXAMPLE: CHB-XT-150-50-U-D

LED High Bay	Wattage	CCT	Input Voltage	Dimming	Mounting Options
CHB-XT	150 - 150W	40 - 4000K 50 - 5000K	U - 120-277VAC H - 347-480VAC	D - 1-10V Dimming	<p>(Blank) Hanging Mount (Standard) PM - Pendant Mount JB1 - Junction Box NPT 3/4" JB2 - Junction Box + U Bracket</p> <p>Distribution Options CHB-XT-N (60° Reflector)</p>

Specifications and Dimensions subject to change without notice.

Optional accessories and distribution are purchased separately.

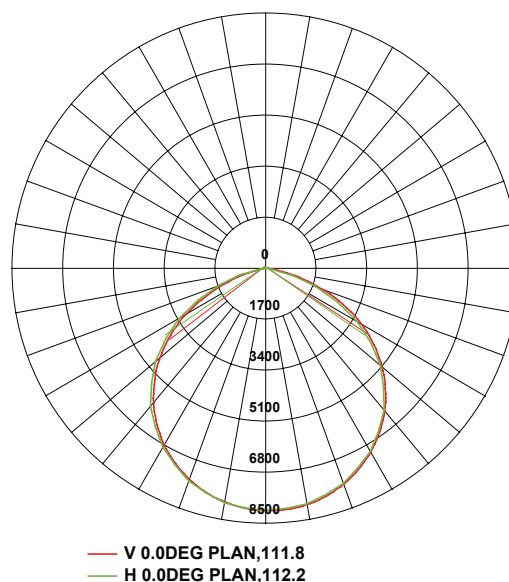
*MOQ and longer lead times may apply, please contact customer service for more information.

Performance Information

Input Voltage	120-277VAC, 347-480VAC
Input Frequency	50/60Hz
Wattage	See Performance Table
Delivered Lumens	See Performance Table
Efficacy	See Performance Table
CRI	≥70
Available CCT	4000K, 5000K
Projected L70	55,900 hours (@Ta 149°F~176°F)
Power Factor	>0.9
THD	<20%
Dimming	1-10V
Operating Temp.	-40°~176°F
IP Rating	IP67

Photometric Data

* IESNA LM-63 IES Available

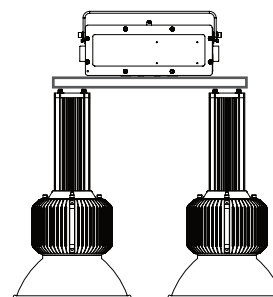


Performance Table

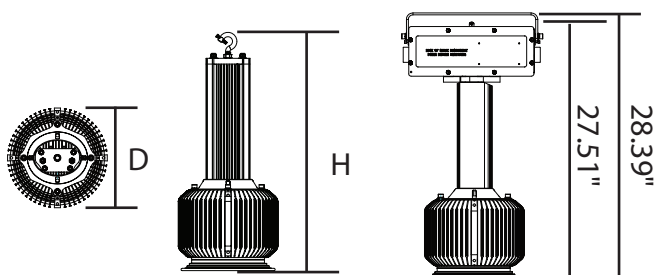
SKU	Wattage (W)	5000K	
		Delivered Lumens (lm)	Efficacy (lm/W)
CHB-XT-150-50-U-D	150	22500	150

Product Dimensions

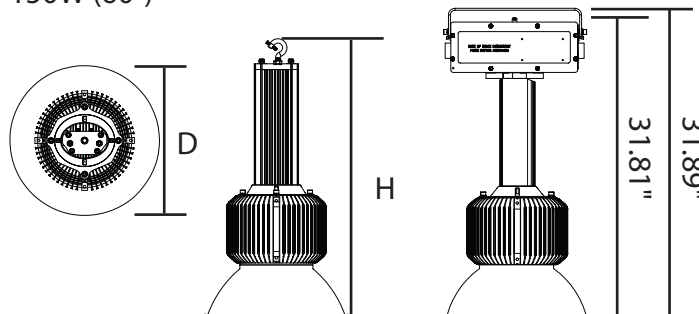
Mounting type	H	D	Weight (lbs)
150W w/hanging mount	25.20"	ø10.24"	23.81
150W w/junction box	27.51"	ø10.24"	28.88
150W junction box w/U bracket	28.39"	ø10.24"	31.09
150W w/reflector	29.49"	ø14.96"	23.81
150W w/reflector and junction box U bracket	31.81"	ø14.96"	28.88
150W w/reflector and junction box U bracket	31.89"	ø14.96"	31.09



150W (110°)



150W (60°)



Accessories



Hook Mount
(Standard)



Pendant Mount
(Stem Not Included)
[PM]



Junction Box NPT 3/4"
[JB1]



Junction Box with U
Bracket
[JB2]



Reflector
(60°)
[CHB-XT-N]



High Lumen
(Optional)