



Alphalite Inc.

PROJECT

TYPE

DATE

ITEM NO.

NOTE

HIGH EFFICACY LED HIGH BAY

DESCRIPTION

The HEBS Series High Efficacy Linear LED High Bay delivers high lumen output, long life, economic solution, and no restrike time. This energy-efficient LED luminaire offers one-to-one replacement of existing HID or fluorescent high bays. Precision-formed reflectors delivers adequate light in high mounting applications. Modular driver and LED arrays. Economic solution to optimize payback. Capable of being operated with occupancy sensor and wireless controller.

APPLICATION

Various commercial industrial applications with high ceilings: warehouse, manufacturing facilities, retail, gyms, grocery.

SPECIFICATION FEATURES

Construction

Rigid, low-profile steel housing. Precision-engineered and manufactured optics to optimize light delivery to the working plane. Convenient mounting options and sufficient knockouts for controls integration and multiple connection options. Housing features radiator slots for heat dissipation and low temperature LED operation. LED module and driver are replaceable.

Mounting

Comes standard with V-hook and chain for suspension mount. Various mounting options available: surface, air craft cable for suspension mount, and 3/8" NPT pendant mount.

Finish

Highly reflectivity finish. Baked white paint, applied after fabrication.



HEBS Series

High Bay



Quick Ship Product

HEBS-2(160/140/120)/850-12V

ORDERING INFORMATION

Sample Number: HEBS-2(160/140/120)/850-12V

Series	Length	Lumen Package	CRI	CCT	Auxiliary Power
HEBS - High Efficacy LED High Bay	2 - 2'	2' 2(160/140/120) - 160/140/120W, 24000/21000/18000lm	8 - 80CRI	50 - 5000K	(Blank) - without aux 12V 12V - with aux 12V

Input Voltage	Control Option
(Blank) - 120-277V C - 120-347V 480 - 480V	OS - Bi-level dimming PIR sensor and daylight switch, field install in 5 seconds (Required RC-100 Sensor Configuration Tool) OS-BLE - Wireless Bluetooth with PIR sensor AWNR - Lutron Athena wireless node integral fixture control (RF only) AWNS - Lutron Athena wireless node integral fixture control (RF with daylight and occupancy sensing) *

*Recommended to be used at heights of 8-12 feet for optimal coverage.

Emergency Backup	Assembly in USA	Accessories
EM15W - 15W constant power with integrated self-diagnostic test	(Blank) - Non-BAA BAA - Assembly in USA	HEBS-WG-2FT1.3W - Wire Guard HEBS-PMK - Single-point pendant mount kit (NPT or stems not provided) HEBS-SMK - Surface Mount Kit ACC - Aircraft cable suspension kit S-CHAIN SET - Suspended mount with chains up to 41" long.

SUMMARY

Input Voltage	120-277V
Input Frequency	50/60 Hz
Power Factor	> 0.95
THD (Max.)	20%
Efficacy	150 LPW
Controls/ Dimming	Full Range 0-10V dimming standard
Dimming Range	10-100%
CRI	82
CCT	5000K
Operating Temp.	-4°F~122°F (-20°C~50°C)
Rated Life	70,000 hours

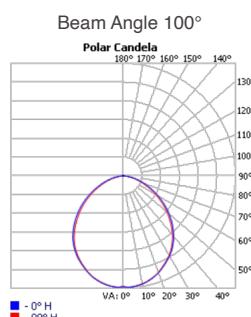
ENERGY PERFORMANCE DATA

Form Factor	Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
2' Frosted Lens	HEBS-2(160/140/120)/850	160/140/120	24000/21000/18000	150

*The delivered lumens above are based on highest wattage and 4000K.

**Default setting at time of shipping are highest wattage and highest CCT.

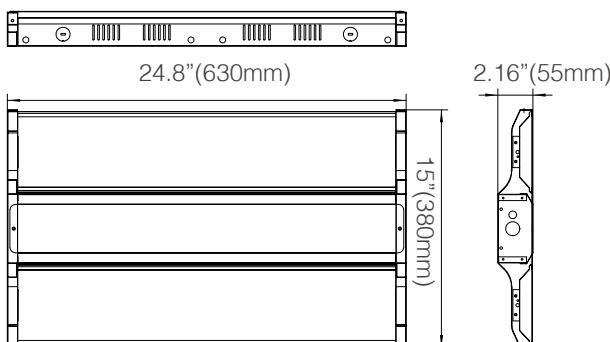
OPTICS



PHYSICAL PARAMETERS

DIMENSION

HEBS-2(160/140/120)



CONTROLS (Field install in 5 seconds)

OS:MMS-DC-PIR4T

OS-BLE: MMS-PIR4T-BLE-SR

RC-100



AWNR: (Athena wireless node RF only)

AWNS: (Athena wireless node with daylight and occupancy sensing)

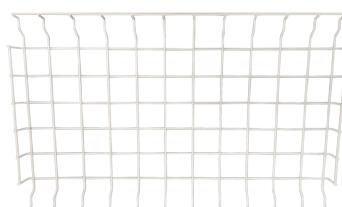


INSTALLATION ACCESSORIES

HEBS-PMK

HEBS-SMK

HEBS-WG-2FT1.3W



ACC

S-CHAIN SET

