

Features and Specifications

Application – High bay or low bay lighting for warehouse, factory, supermarket, underpass, garage, toll station etc. Replace the traditional 75-250W HPS or MH with up to 60% energy savings.

Construction – Extruded aluminum and steel combination housing, air-flow through heat sink design provides perfect heat management, keeps the LED $T_c < 50C @ T_a = 25C$.

Modular design optimizes construction and assembly, allows for easy maintenance and upgrade.

Tool-less knockout access to the wiring connection makes easy maintenance and mounting.

Chain with hook mounting and pendant mounting kits are available for options.

White powder coating finish.

LED & Optics - Eutectic led packaging technology is applied for low heat resistance, low light degradation, high efficiency and long life (Projected $L70 > 50000h @ T_a 25C$).

Pure white (5000-5800K) & Warm white (4000-4500K) with CRI 70 rated, customized CCT LED are available. System efficiency is up to 120lm/W.

Precise optic lens in high intensity PC material provides high uniformity and optimal luminaire spacing with 130x80 degree, the optical system optimizes the illumination for open floor and racked aisles, eliminates the waste of light, increases the reasonable and effective using of light.

Electronics - Universal driver is available in 100-240Vac, 50/60Hz, power factor $> 95%$ and THD $< 15%$, IP67 waterproof.

Listings - CE pending, RoHS compliant

Warranty - 5 years limited

Note: all specifications subject to change without notice.

BBELED® Low Bay Lighting LB™ series

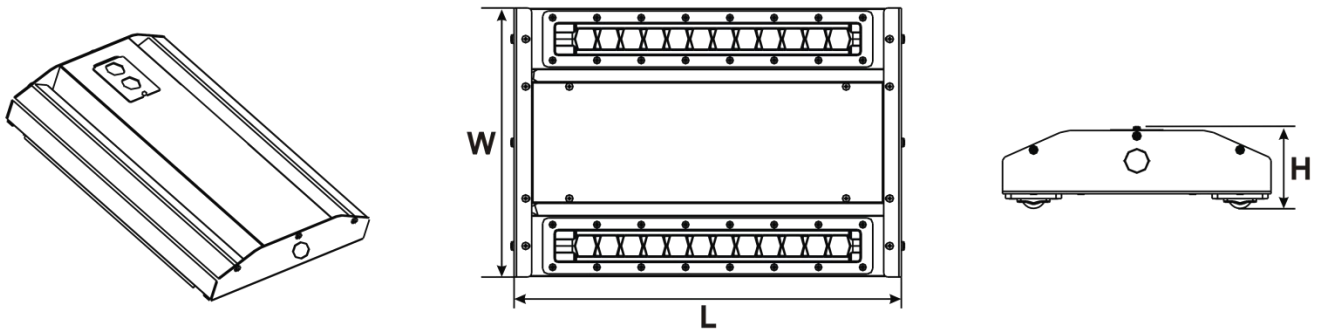


100-240Vac 50/60Hz 30W/60W/120W
5000-5800K / 4000-4500K
CRI 70 rated
Up to 120LPW
PF>0.95, THD<15%
Calculated L70>50000h @ Ta 25° C (77° F)
Work Temp.: -30~50° C (-22~122° F)



Dimension & Weight

dimension is in mm (inch), kg(lb)



	LB30	LB60	LB120
L	319mm (12.6")	583mm (23.0")	583mm (23.0")
W	221mm(8.7")	221mm(8.7")	341mm(13.4")
H	67mm(2.6")	67mm(2.6")	67mm(2.6")
Weight	2.7KG(6.0lb)	6KG(13.2lb)	7.3KG(16.1lb)

Ordering information:

Example: LB30-EPWD1L4-CH

Series	Wattage	-	Voltage	CCT	Optics	LED Bin	-	Options
LB	30	-	E	PW	D1	L4	-	CH
LB	30 60 120		E: 100-240Vac	NW: 4000-4500K PW: 5000-5800K	D1: 130x80 degree	L4: Level 4 (hi-efficiency)		1PM: 1 Pendant mount kit 2PM: 2 Pendant mount kits CH: Chain w/hook mount ¹

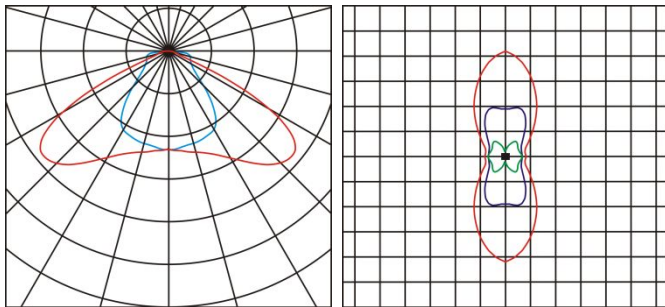
*Consult your sales representative for the options and the lead time will be varied depending on the options selected.

1. 1.5m (5ft) chain length is standard, contact your sales representative for customization.

Electrical Data:

	Number of LEDs	LED drive current(mA)	Rated Power(W)	Total Current (Amp)			
				120V	220V	230V	240V
LB30	24	350	30	0.246	0.138	0.133	0.128
LB60	48	350	60	0.475	0.269	0.259	0.251
LB120	96	350	120	0.958	0.531	0.510	0.491

Optical & Photometric

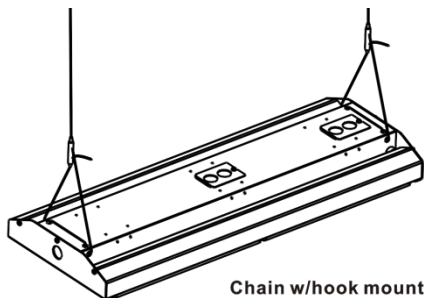


D1: 130x80 degree

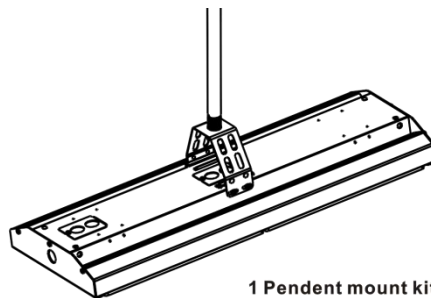
Cat No.	CCT	Power (W)	Initial Lumen (lm)	Efficiency (LPW)	Optics	LED level	IES file	IES date (mm/dd/yy)
LB30-EPWD1L4	5000-5800K	29	3329	115	D1	L4	LB30-EPWD1L4.ies	08/25/14
LB60-EPWD1L4	5000-5800K	55	6674	121	D1	L4	LB60-EPWD1L4.ies	08/25/14
LB120-EPWD1L4	5000-5800K	113	13168	117	D1	L4	LB120-EPWD1L4.ies	08/25/14

*the above data is based on BBELED lab test result, and is kept updating, changes will be not informed.

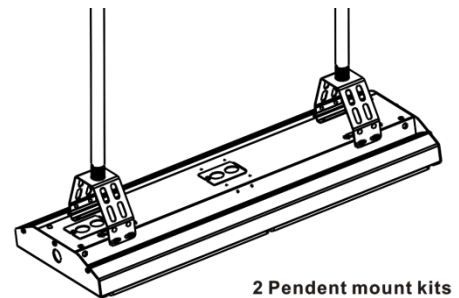
Mounting



Chain w/hook mount



1 Pendant mount kit



2 Pendant mount kits

Shenzhen Bang-Bell Electronics Co., Ltd.
 Add: Bld. C, Jinxiongda Ind. Park, Huanguan South Rd., Guanlan Town, Shenzhen, China.
 Tel: 86-755-29588988 Fax: 86-755-29588616 P.C.: 518110
 Website: www.bbeled.com Email: bbe@bbeled.com

