LIBERTY LED LLC

Project:	
Date:	
Note:	

SIMPLY RELIABLE

LED LINEAR HIGHBAY
S23 SERIES

FEATURES
- 1-10V dimming | 10%-100% dimming range
- Comes with chain mount kit, pendant mount available
- Wire guard, sensor and emergency power supply available

APPLICATIONS
- Warehouses
- Distribution centers
- Manufacturing facilities
- Big box retailers
- Other industrial applications

SPECIFICATIONS		33-LHB-12-7165-840-D-N-LP	33-LHB-12-7165-850-D-N-LP
ORDERING	Brand	Builders Pack	Builders Pack
	SKU	44-31004-40	44-31004-50
GENERAL PERFORMANCE	Power Consumption	165W	165W
	Color Temp. (CCT)	4000K	5000K
	Lumens Delivered (lm)	21285 lm	21285 lm
	Efficacy (lm/W)	129 lm/W	129 lm/W
	CRI	≥70	
	L70/L90 Lifetime (Hours)	50,000 / 36000 Hours	
	Equivalency	300-500W MH	
ELECTRICAL	Power Factor	≥0.9	
	Input Voltage	AC 120-277V	
	Dimming	1-10V	
PHYSICAL	Mounting	Pendant Mount Kit Included	
	Operating Temp.	-4°F ~ + 113°F	
	Storage Temp.	-22°F ~ + 149°F	
	Ingress Protection (IP)	IP20	
QUALIFICATION	Certifications	UL | RoHS | FCC | CE	
	Material Usage	Aluminum Alloy & Frosted PC Diffuser	
	Environment	Indoor	
	Warranty	5 years	
DIMENSIONS (Package Subjecting to Change)	Product Size	23.60” x 12.59” x 2.99”	
	Gross Weight	6.39 lbs	

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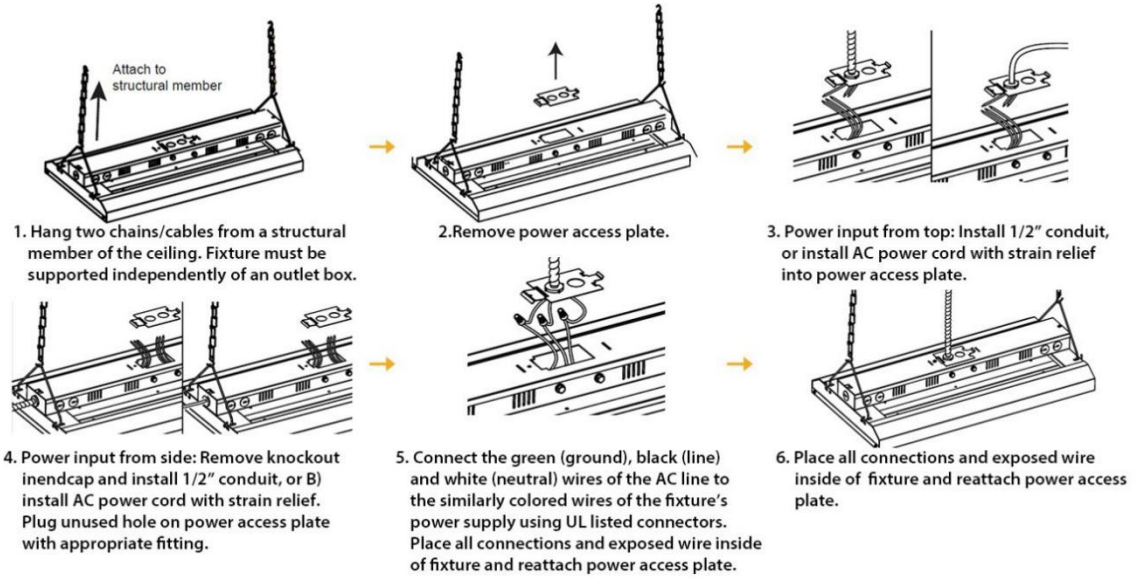
INSTALLATION DIAGRAM

CHAIN MOUNT INSTALLATION



1. Hang two chains/cables from a structural member of the ceiling. Fixture must be supported independently of an outlet box.

2.Remove power access plate.

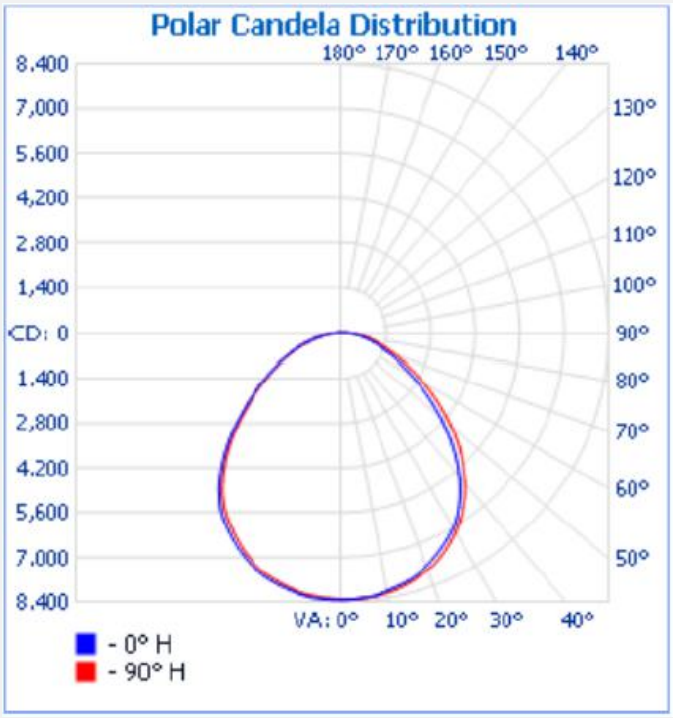
3. Power input from top: Install 1/2" conduit, or install AC power cord with strain relief into power access plate.

4. Power input from side: Remove knockout inendcap and install 1/2" conduit, or B) install AC power cord with strain relief. Plug unused hole on power access plate with appropriate fitting.

5. Connect the green (ground), black (line) and white (neutral) wires of the AC line to the similarly colored wires of the fixture's power supply using UL listed connectors. Place all connections and exposed wire inside of fixture and reattach power access plate.

6. Place all connections and exposed wire inside of fixture and reattach power access plate.

DISTRIBUTION CURVE



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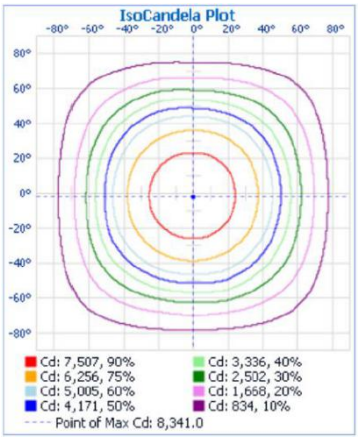
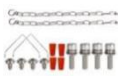
DISTANCE CURVE		
SHIPPING (Package Subjecting to Change)	Pcs / Carton	2pcs
	Master Carton Size	25.78” x 7.87” x 14.76”
	Pcs / Pallet	100pcs
	Pcs / 20’ GP	1048pcs (No Pallet) | 768pcs (Palletized)
	Pcs / 40’ GP	2200pcs (No Pallet) | 1728pcs (Palletized)
	Pcs / 40’ HQ	2754pcs (No Pallet) | 2160pcs (Palletized)
	Pcs / 45’ HQ	3468pcs (No Pallet) | 2400pcs (Palletized)

LAMP CODE DEFINITIONS

Internal Use	Category	Size	Wattage	CCT	Dimmable	Sensor	Other
33	LHB = Linear High Bay	12 = 1’x2’	7165 = 165W	8XX = 4000K,5000K	D = 1-10V	N = No Sensor	LP = 120-277V

ACCESSORIES

SKU	Description	Image
79-92015	LED Emergency Power Supply 30W	
44-31003-A	PIR Occupancy Sensor-YM25501A	
ES31020	Pendant Mount Kit	
ES31024	Pole Mount Kit	
ES31041	Wire Guard 1'x2'	