

# LED LINEAR HIGHBAY



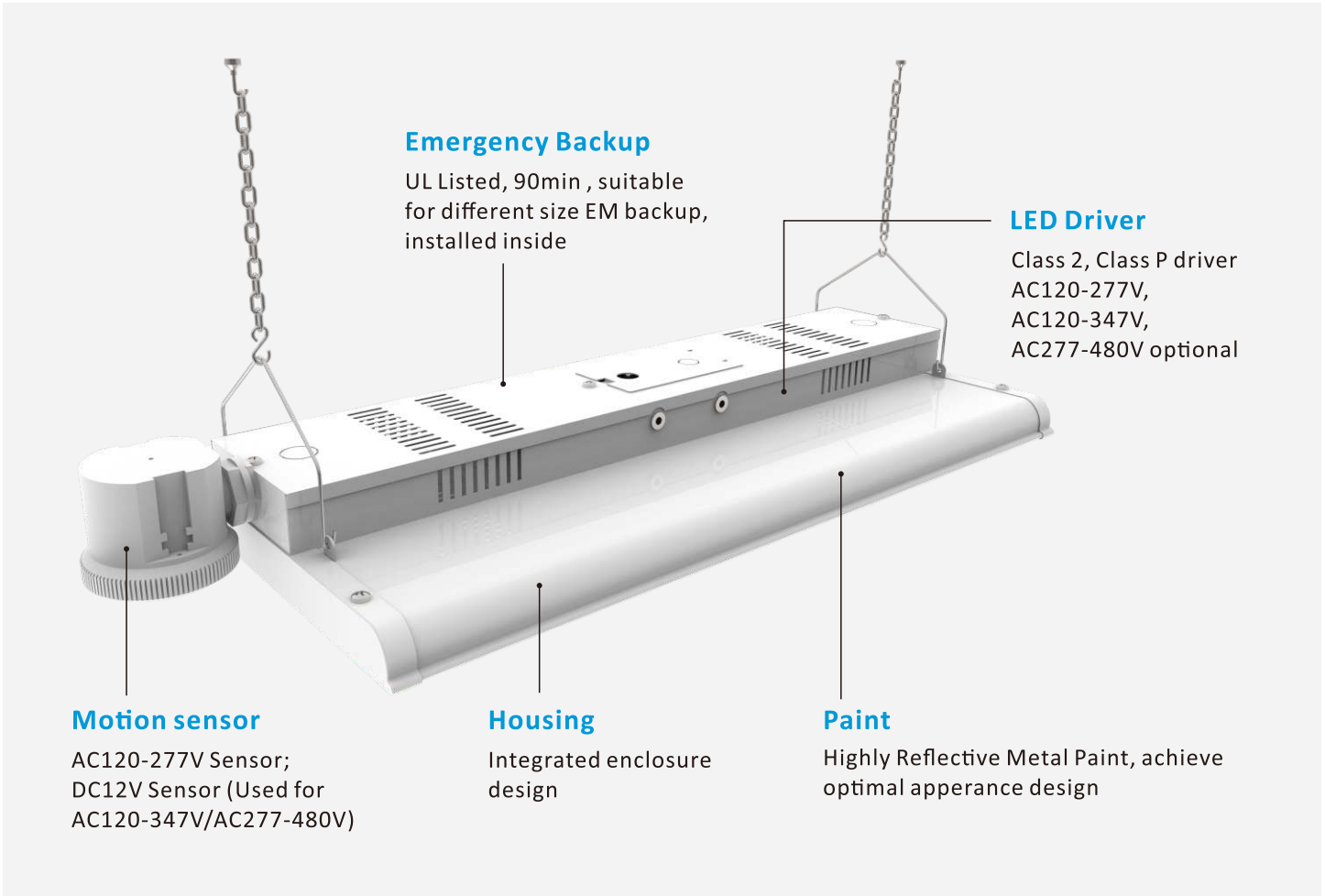
## Features

- ◆ UL/CUL/DLC , UL file NO.: E357402
- ◆ New design with private mold in 2019
- ◆ Seoul 2835SMD LED
- ◆ 140lm/w ,14700-42000Lm
- ◆ 120-277V/120-347V/277-480V optional
- ◆ Integrated enclosure design
- ◆ Microwave sensor and Emergency backup available
- ◆ Chain kit / Surface mounted / Pendant hanger installation optional
- ◆ 5 years warranty

Application:

- Manufacturing Plants
- Warehouses
- Distribution Centers
- Grocery Stores
- Gymnasiums





## Parameters

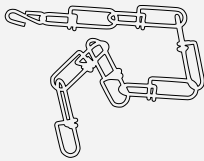
Model #	Size	Power	Efficacy	Lumen	Input voltage	Beam angle	CRI	CCT
YB -LHB2P105W-XXK-YA-EF	2FT	105W	140LM/W	14700LM	AC120-277V	120°	>80	4000K 5000K 5700K
YB -LHB2P165W-XXK-YA-EF		165W		23100LM				
YB -LHB2P225W-XXK-YA-EF		225W		31500LM				
YB -LHB4P165W-XXK-YA-EF	4FT	165W		23100LM	AC120-347V			
YB -LHB4P225W-XXK-YA-EF		225W		31500LM				
YB -LHB4P300W-XXK-YA-EF		300W		42000LM				
YB -LHB2P105W-XXK-HV-YA-EF	2FT	105W		14700LM	AC277-480V			
YB -LHB2P165W-XXK-HV-YA-EF		165W		23100LM				
YB -LHB4P225W-XXK-HV-YA-EF		4FT		225W				
YB -LHB4P300W-XXK-HV-YA-EF	300W		42000LM					

# Ordering Guide

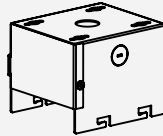
For example: YB-LHB2P165W-40K-HA-EF

Brand	Fixture	Size	Power	CCT	Input voltage	Lumen	Type	Sensor	Mounting
YB	LHB	2 4	P165W	40K		H	A	E	F
YB	Linear Highbay	2 2FT 4 4FT	105W 165W 225W 300W	40K 4000K 50K 5000K 57K 5700K	Blank AC120-277V HL AC120-347V HV 277-480V	H High L Standard	A Type A B Type B	A Without B With	A Suspending B Surface C pendant

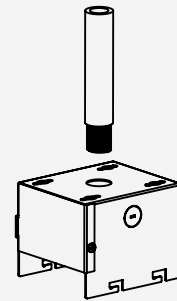
## Accessories



Chain

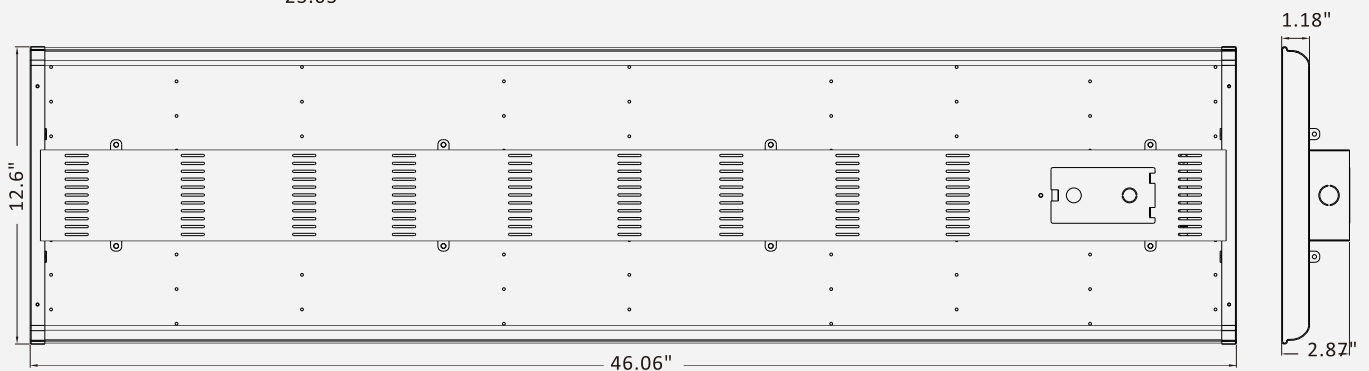
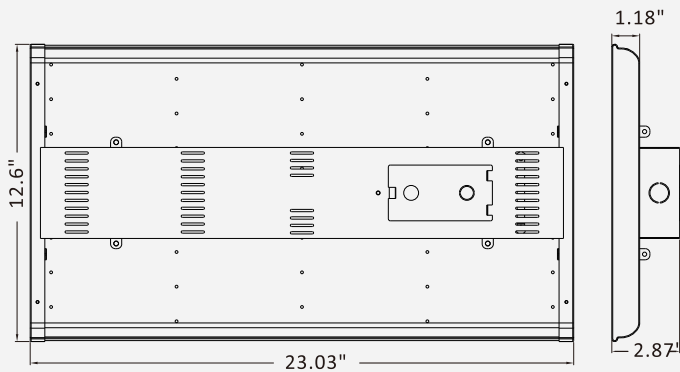


Surface mount



Pendant Mount

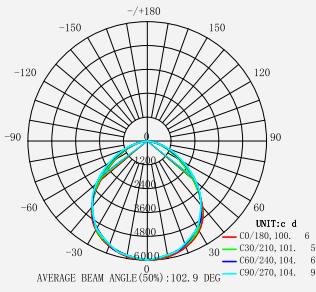
## Dimension



# Photometric

105W 2ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



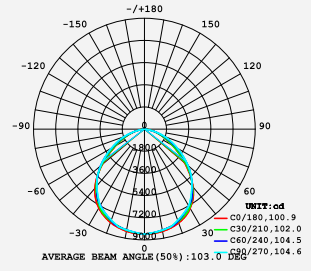
Flux out:10616 lm

1m	2296,5980lx	240.86cm
2m	574.1,1485lx	481.73cm
3m	255.1,664.5lx	722.59cm
4m	143.2,373.6lx	963.46cm
5m	91.85,239.2lx	1204.32cm
6m	63.79,164.1lx	1445.18cm
7m	46.06,122.0lx	1686.05cm
8m	35.88,93.44lx	1926.91cm
9m	28.35,73.83lx	2167.78cm
10m	22.94,59.80lx	2408.64cm

Height Navg,Max Angle:100.99deg Diameter

165W 2ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



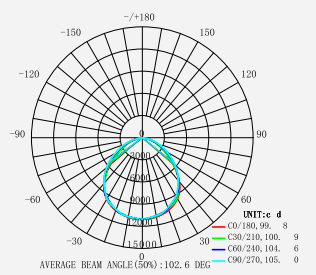
Flux out:15132 lm

1m	3273,8561lx	242.37cm
2m	818.2,2139lx	484.73cm
3m	363.7,949.0lx	727.10cm
4m	204.6,533.8lx	969.46cm
5m	130.9,261.6lx	1211.83cm
6m	90.92,227.2lx	1454.20cm
7m	66.80,174.3lx	1696.56cm
8m	51.14,133.0lx	1938.93cm
9m	40.43,105.4lx	2181.30cm
10m	32.73,85.41lx	2423.66cm

Height Navg,Max Angle:100.94deg Diameter

225W 2ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



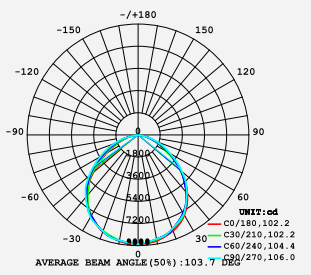
Flux out:18924 lm

1m	4321,1107lx	237.39cm
2m	1082,2764lx	474.78cm
3m	481.2,1229lx	712.16cm
4m	270.7,681.6lx	949.53cm
5m	173.2,442.3lx	1186.91cm
6m	118.3,307.1lx	1424.29cm
7m	88.39,225.6lx	1661.71cm
8m	67.47,172.8lx	1899.10cm
9m	53.47,136.3lx	2136.49cm
10m	43.31,110.4lx	2373.88cm

Height Navg,Max Angle:99.77deg Diameter  
 Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

165W 4ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



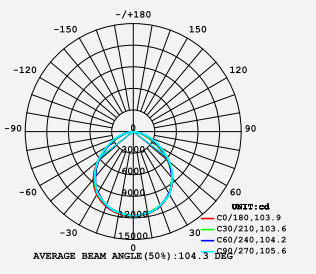
Flux out:16074 lm

1m	3237,8667lx	247.78cm
2m	809.3,2217lx	495.56cm
3m	358.7,980.3lx	743.34cm
4m	202.3,554.2lx	991.12cm
5m	129.5,354.7lx	1238.90cm
6m	89.32,246.3lx	1486.67cm
7m	66.07,181.0lx	1734.45cm
8m	50.58,136.6lx	1982.23cm
9m	39.97,109.5lx	2230.01cm
10m	32.37,88.47lx	2477.79cm

Height Navg,Max Angle:102.18deg Diameter

225W 4ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



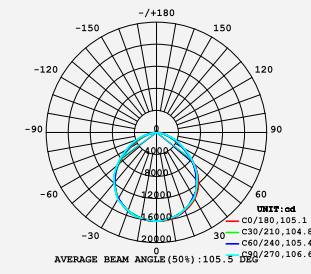
Flux out:21566 lm

1m	4190,1171lx	255.39cm
2m	1048,2930lx	510.79cm
3m	469.6,1302lx	766.04cm
4m	261.9,732.5lx	1021.39cm
5m	167.6,468.8lx	1276.74cm
6m	116.4,325.5lx	1532.09cm
7m	85.51,239.2lx	1787.44cm
8m	65.47,183.1lx	2042.79cm
9m	51.73,144.7lx	2298.13cm
10m	41.90,117.2lx	2553.48cm

Height Navg,Max Angle:103.66deg Diameter

300W 4ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Flux out:30610 lm

1m	5534,1432lx	261.12cm
2m	1384,4030lx	522.24cm
3m	614.9,1791lx	783.36cm
4m	345.9,1007lx	1044.48cm
5m	221.4,544.8lx	1305.60cm
6m	153.7,447.8lx	1566.72cm
7m	112.9,329.0lx	1827.83cm
8m	86.47,251.9lx	2088.95cm
9m	68.32,199.0lx	2350.07cm
10m	55.24,141.2lx	2611.19cm

Height Navg,Max Angle:105.10deg Diameter

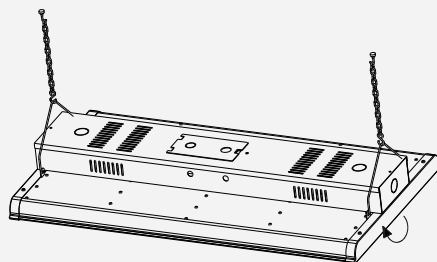
# Installation

ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!

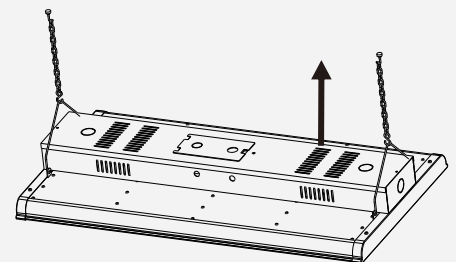
## 1. Chain installation



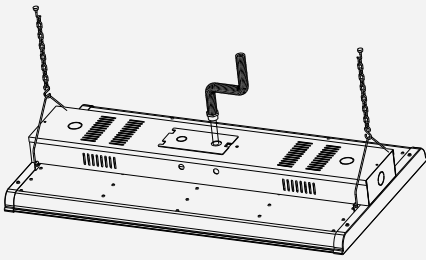
1. Hook the chain



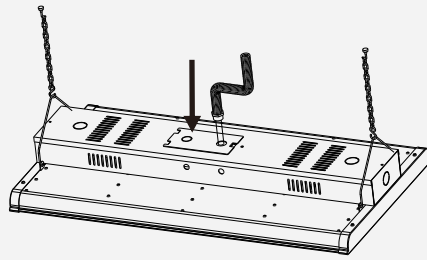
2. Insert the hook into the slotted holes as shown



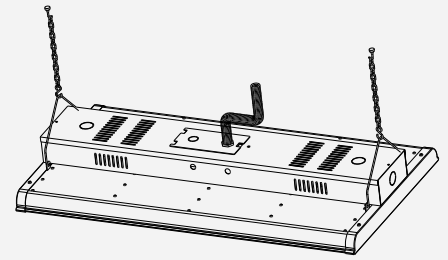
3. Hook up the chain on the ceiling anchor



4. Turn off power, then make wiring Connections with terminal cap

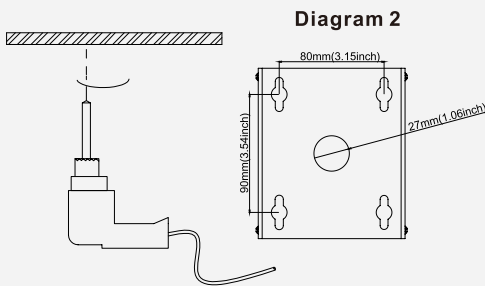


5. Insert the terminal cap and wire into the driver box

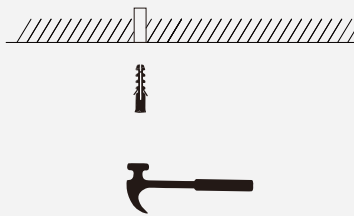


6. Insert the wire terminal joint to the wire entry

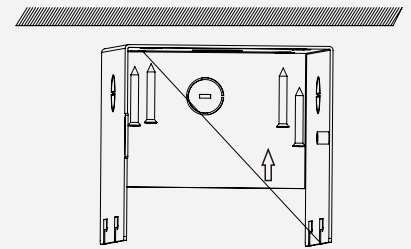
## 2. Surface Mounting installation



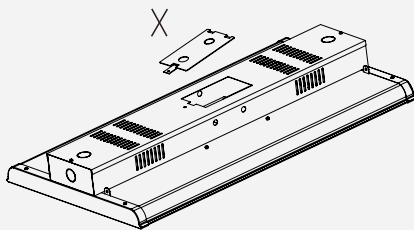
1. Drill the hole according to the size of the bracket and insert the plastic expansion tube.



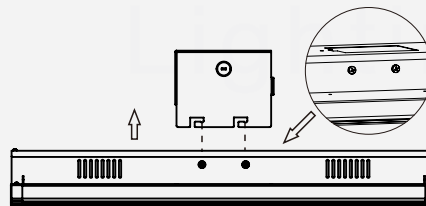
2. Use a hammer to drive the nylon expansion tube into the drilled hole on the wall.



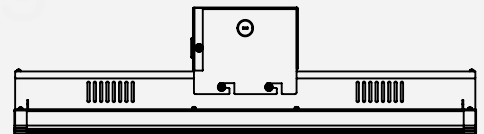
3. Use the tool to open 4 holes at the top, and then fix the ceiling bracket



4. Remove the iron piece for easy wiring.

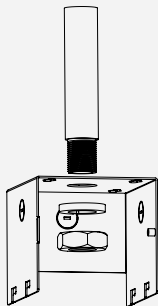


5. Lift the lamp into the bracket, align the side holes, and lock the M5 screws.

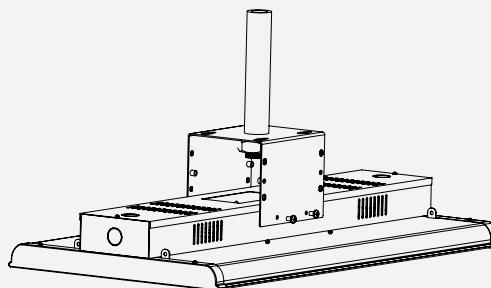


6. Wiring L, N, E into the terminal block. Fasten the two end caps on the ceiling bracket and lock the M4 screw 1 pcs.

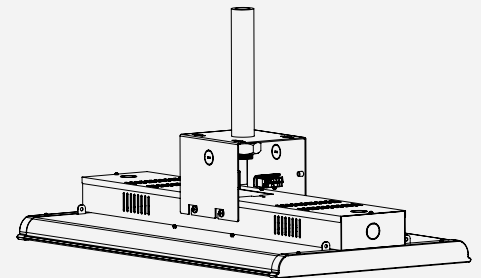
## 3. Pendant Mount installation



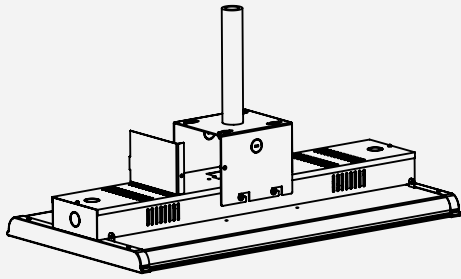
1. Thread the 3/4 inch conduit into the hole of upper box, and screw the nut at end.



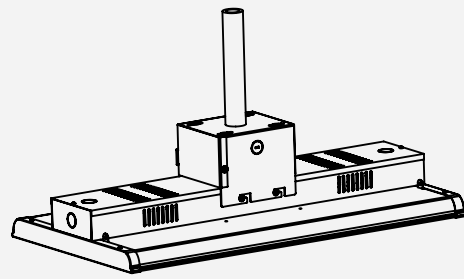
2. Lift the screw holes of the fixture to align the bracket screws, and then tighten with the M5 \* 6 screws.



3. Disassemble the terminal block, insert the wires L, N, E in the hollow tube into the terminal block, and see the signs L, N, E. Install the terminal block locking screws. Reinstall the cover plates at both ends.



4. Cover the two sides of the cover and lock the M4 screw 1 pcs.



5. Check if the assembly is installed and then power on.

## Package Info.

Model	Carton Dimension	Qty / Carton	N.W	G.W	20GP	40HQ
2FT 105W	25.39''*8.9''*14.96''	2PCS	14.11lbs	18.08lbs	866PCS	2382PCS
2FT 165W			15.87lbs	19.84lbs		
2FT 225W			16.76lbs	20.94lbs		
4FT 165W	48.43''*8.9''*14.96''	2PCS	25.57lbs	31.97lbs	454PCS	1256PCS
4FT 225W			26.46lbs	32.63lbs		
4FT 300W			28.66lbs	34.83lbs		



## Safety Precaution

To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards read all warnings and instructions included with and on the fixture box and all fixture labels.

Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.

Commercial installation, service and maintenance of luminaires should be performed by a qualified licensed electrician.

For The installation: If you are unsure about the installation or maintenance of the luminaires, consult a qualified licensed electrician and check your local electrical code.

To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.

### **WARNING: RISK OF FIRE OR ELECTRICAL SHOCK**

Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.

Turn off the power when you perform any maintenance.

Verify that supply voltage is correct by comparing it with the luminaire label information.

Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.

All wiring connections should be capped with UL approved wire connectors.

### **CAUTION: RISK OF INJURY**

Avoid direct eye exposure to the light source while it is on.

Account for small parts and destroy packing material, as these may be hazardous to children.

SUITABLE FOR DRY OR DAMP LOCATION