

# LED LINEAR HIGHBAY



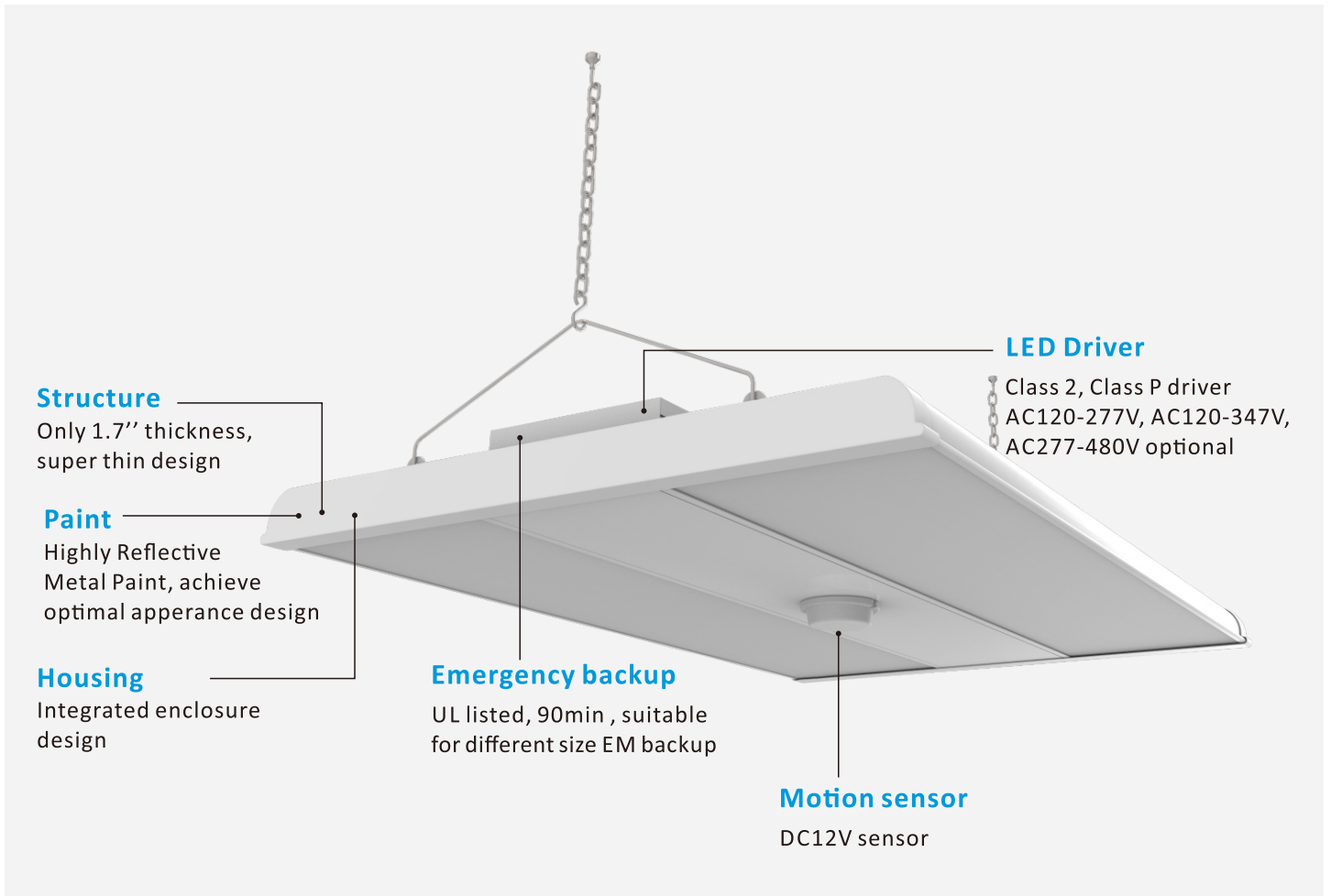
## Features

- ◆ UL/CUL/DLC , UL file NO.: E357402
- ◆ 2019 new design with private mold
- ◆ 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

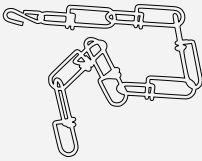
Model #	Size	Power	Efficacy	Lumen	Input voltage	Beam angle	CRI	CCT
YB-LHB2P105-XXK-YB-EF	2FT	105W	140LM/W	14700LM	AC120-277V	120°	>80	4000K 5000K 5700K
YB-LHB2P165-XXK-YB-EF		165W		23100LM				
YB-LHB2P225-XXK-YB-EF		225W		31500LM				
YB-LHB4P165-XXK-YB-EF	4FT	165W		23100LM	AC120-347V			
YB-LHB4P225-XXK-YB-EF		225W		31500LM				
YB-LHB4P300-XXK-YB-EF		300W		42000LM				
YB-LHB2P105-XXK-HV-YB-EF	2FT	105W		14700LM	AC277-480V			
YB-LHB2P165-XXK-HV-YB-EF		165W		23100LM				
YB-LHB4P225-XXK-HV-YB-EF		225W		31500LM				
YB-LHB4P300-XXK-HV-YB-EF	4FT	300W	42000LM					

# Ordering Guide

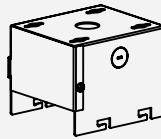
For example: YB-LHB2P165-40K-HA-EF

Brand	Fixture	Size	Power	CCT	Input voltage	Lumen	Type	Sensor	Mounting
YB	LHB	2 4	P165	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

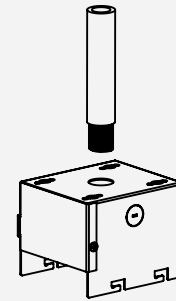
## Accessories



Chain

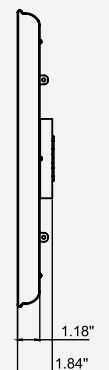
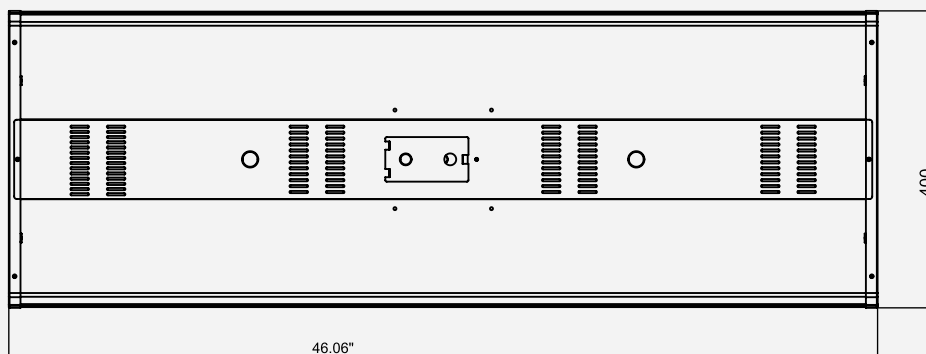
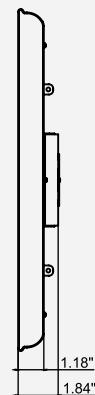
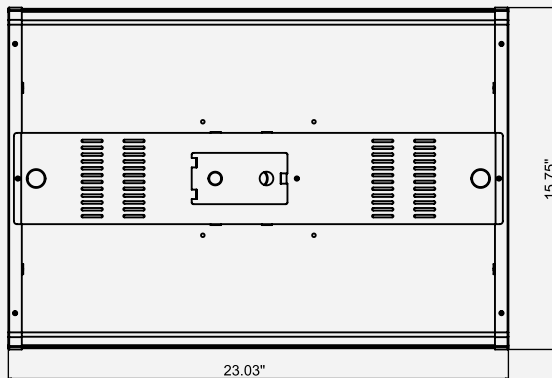


Surface mount



Pendant Mount

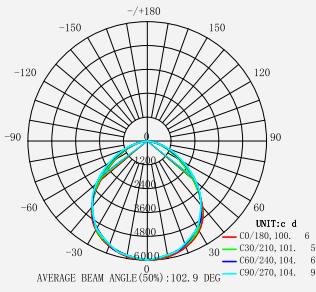
## Dimension



# Photometric

105W 2ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

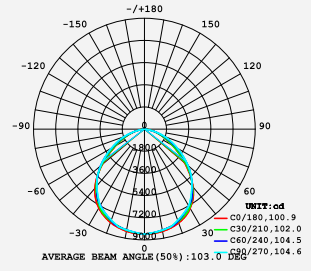


Flux out:10614 lm

Height	Ray,Max	Angle:100.99deg	Diameter
1m	2296.59801lx		240.86cm
2m	574.144851lx		481.73cm
3m	255.1166451lx		722.59cm
4m	143.2373.61lx		963.46cm
5m	91.85,239.21lx		1204.32cm
6m	63.79,166.11lx		1445.18cm
7m	46.06,122.01lx		1686.05cm
8m	35.88,93.44lx		1926.91cm
9m	28.35,73.83lx		2167.78cm
10m	22.94,59.80lx		2408.64cm

165W 2ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

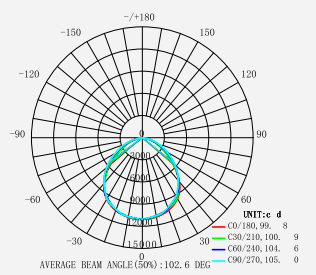


Flux out:15132 lm

Height	Ray,Max	Angle:100.94deg	Diameter
1m	3273.85611lx		242.37cm
2m	818.2,21391lx		484.73cm
3m	363.7,949.01lx		727.10cm
4m	204.6,533.81lx		969.46cm
5m	130.9,361.61lx		1211.83cm
6m	90.92,257.21lx		1454.20cm
7m	66.80,174.31lx		1696.56cm
8m	51.14,133.01lx		1938.93cm
9m	40.43,105.41lx		2181.30cm
10m	32.73,85.41lx		2423.66cm

225W 2ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



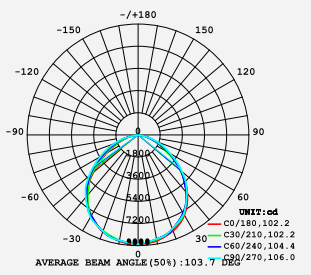
Flux out:18924 lm

Height	Ray,Max	Angle:99.77deg	Diameter
1m	4321.11071lx		237.39cm
2m	1082.27641lx		474.78cm
3m	481.2,12291lx		712.16cm
4m	270.7,681.61lx		949.55cm
5m	173.2,442.31lx		1186.94cm
6m	120.3,307.11lx		1424.33cm
7m	89.39,223.61lx		1661.71cm
8m	67.47,172.81lx		1899.10cm
9m	53.47,136.31lx		2136.49cm
10m	43.31,110.41lx		2373.88cm

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

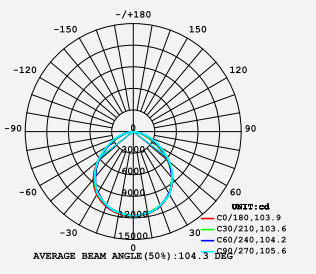


Flux out:16074 lm

Height	Ray,Max	Angle:102.18deg	Diameter
1m	3237.88671lx		247.78cm
2m	809.3,2217lx		495.56cm
3m	358.7,980.31lx		743.34cm
4m	202.3,554.21lx		991.12cm
5m	129.5,334.71lx		1238.90cm
6m	89.32,246.31lx		1486.67cm
7m	66.07,181.01lx		1734.45cm
8m	50.58,136.61lx		1982.23cm
9m	39.97,109.51lx		2230.01cm
10m	32.37,88.47lx		2477.79cm

225W 4ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

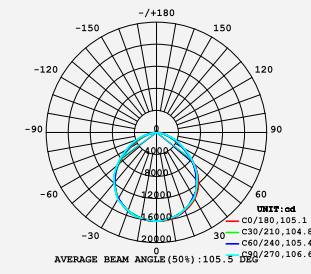


Flux out:21566 lm

Height	Ray,Max	Angle:103.66deg	Diameter
1m	4190,11719lx		255.39cm
2m	1048,2930lx		510.79cm
3m	469.6,13021lx		766.04cm
4m	261.9,732.01lx		1021.39cm
5m	167.6,468.81lx		1276.74cm
6m	116.4,325.51lx		1532.09cm
7m	85.51,239.21lx		1787.44cm
8m	65.47,183.11lx		2042.79cm
9m	51.73,144.71lx		2298.13cm
10m	41.90,117.21lx		2553.48cm

300W 4ft 5000K

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Flux out:30610 lm

Height	Ray,Max	Angle:105.19deg	Diameter
1m	5534,14320lx		261.12cm
2m	1384,4030lx		522.24cm
3m	614.9,1791lx		783.36cm
4m	345.9,1007lx		1044.48cm
5m	221.4,644.81lx		1305.60cm
6m	153.7,447.81lx		1566.72cm
7m	112.9,329.01lx		1827.83cm
8m	86.47,251.91lx		2088.95cm
9m	68.32,199.01lx		2350.07cm
10m	55.34,161.21lx		2611.19cm

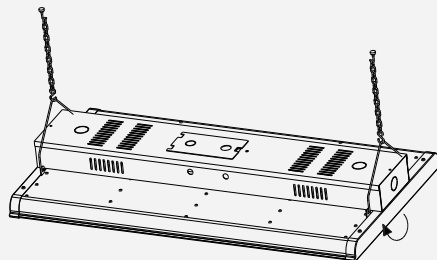
# Installation

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

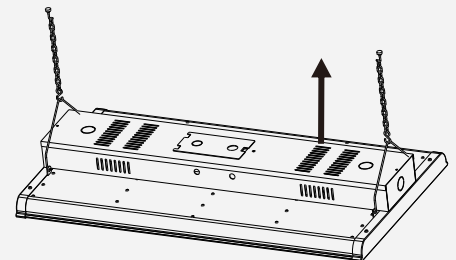
## 1. Chain installation



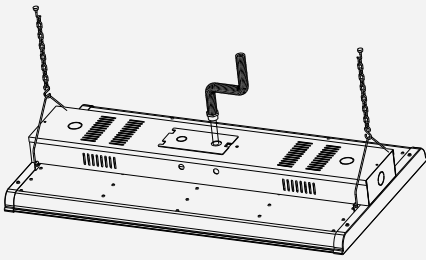
1. Hook the chain



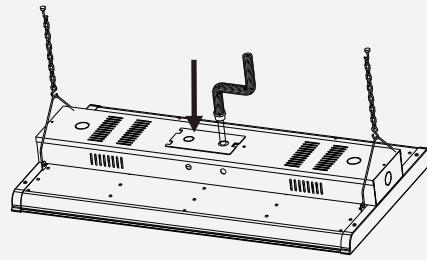
2. Insert the hook into the slotted holes as shown



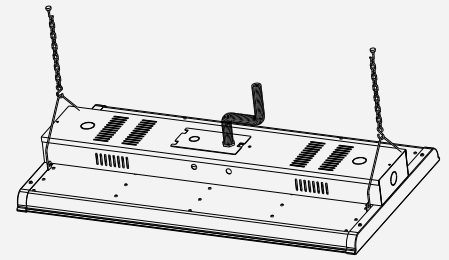
3. Hook up the chain on the ceiling anchor



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

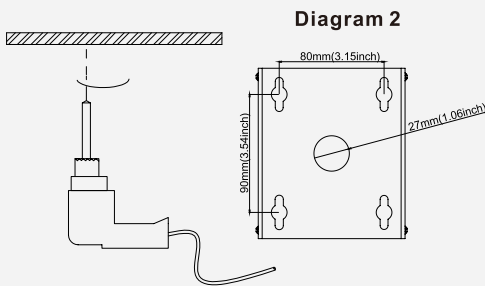


5. Insert the terminal cap and wire into the driver box

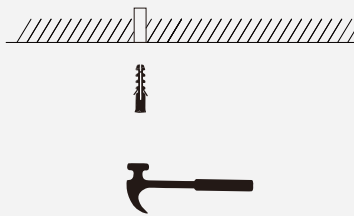


6. Insert the wire terminal joint to the wire entry

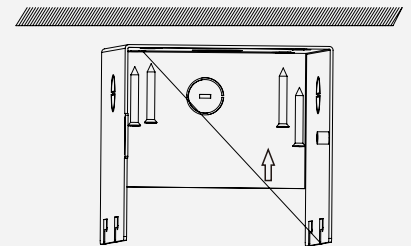
## 2. Surface Mounting installation



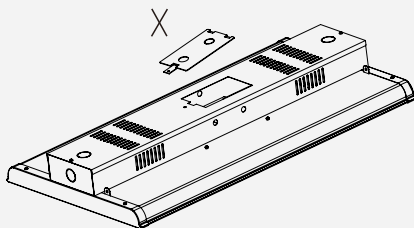
1. Drill the hole according to the size of the bracket and insert the plastic expansion tube.



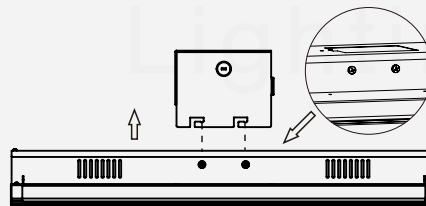
2. Use a hammer to drive the nylon expansion tube into the drilled hole on the wall.



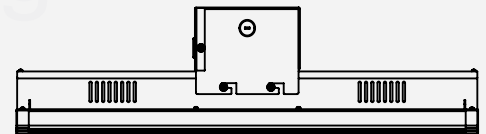
3. Use the tool to open 4 holes at the top, and then fix the ceiling bracket



4. Remove the iron piece for easy wiring.

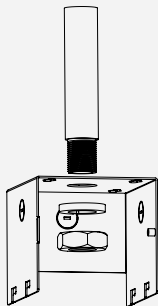


5. Lift the lamp into the bracket, align the side holes, and lock the M5 screws.

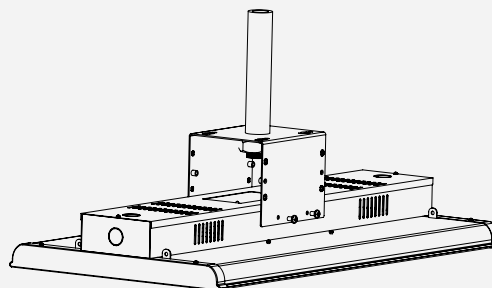


6. Wiring L, N, E into the terminal block. Fasten the two end caps on the ceiling bracket and lock the M4 screw 1 pcs.

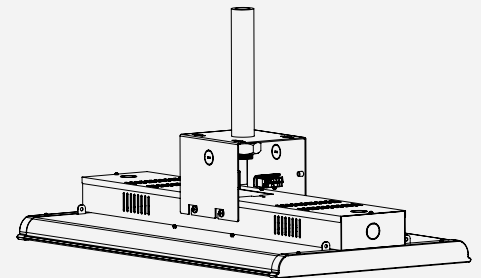
## 3. Pendant Mount installation



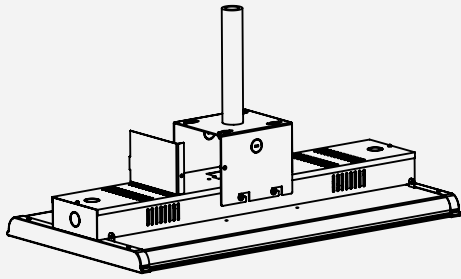
1. Thread the 3/4 inch conduit into the hole of upper box, and screw the nut at end.



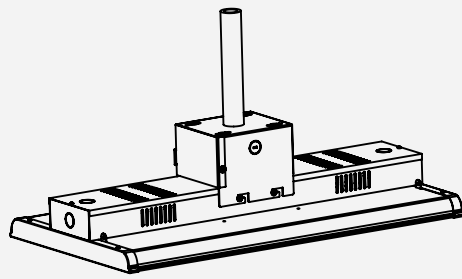
2. Lift the screw holes of the fixture to align the bracket screws, and then tighten with the M5 \* 6 screws.



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''*6.77''*17.91''	2PCS	17.2lbs	21.16lbs	960PCS	2640PCS
2FT 165W			15.52lbs	23.15lbs		
2FT 225W			19.4lbs	24.25lbs		
4FT 165W	48.43''*6.77''*17.91''	2PCS	30.86lbs	37.04lbs	500PCS	1374PCS
4FT 225W			31.75lbs	37.92lbs		
4FT 300W			33.95lbs	40.12lbs		



## 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