# Linear LED High Bay SPEC
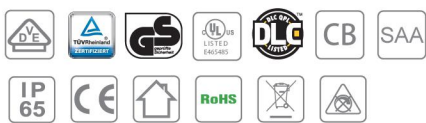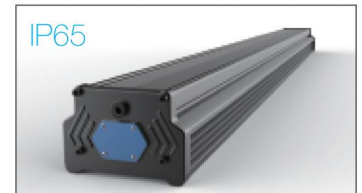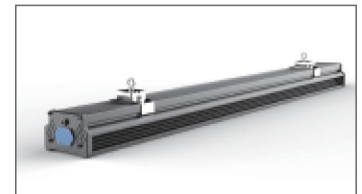
# HBLC



Patented Design

## Series Products





IP65
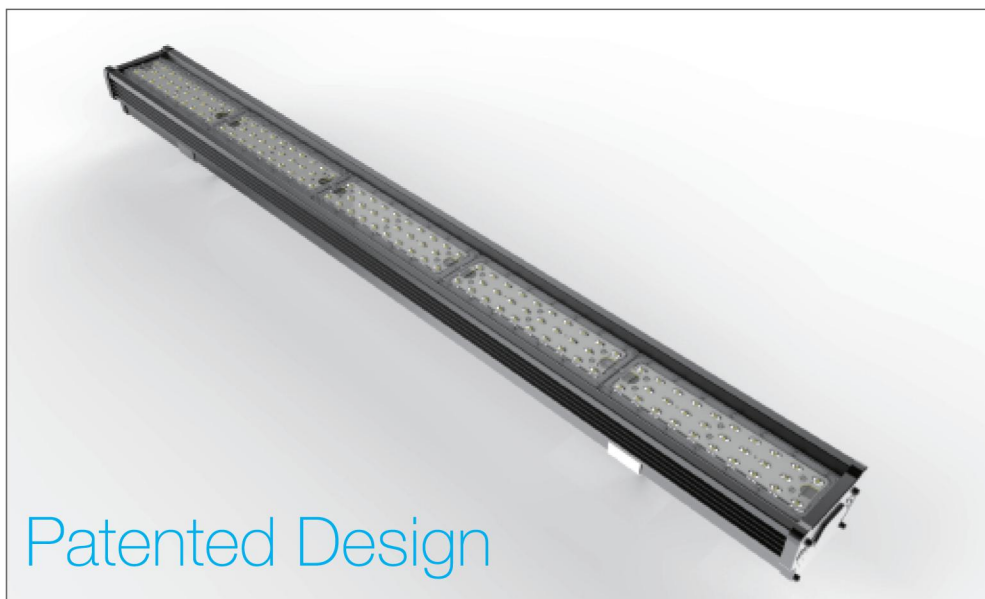
# ■ Matters needing attention

- Before installing the lighting fixtures, please read this instruction manual carefully.

- The lighting fixtures should be installed, connected and tested by a certified installer based on the local regulations.

- Lamps should always be installed or replaced with care.

- Please check the local voltage in accordance with the product requirements before using the product.

- Relamping only can be done when the power is off and the lamp is completely cooled down.

- When a lamp is to be cleaned, make the power off and let it cool down completely.Clean the fixture with a soft cloth and a standard PH neutral detergent. Stainless steel finishing should be maintained regularly.

- Misuse of, or changes to the fixture shall nullify the guarantee.

- Don't cover the fixtures with flammable materials.

- Exclusively replaced by the manufacturer or his service agent or the similar qualified person in order to avoid a hazard.

# ■ S/N Rules

S/N:ABCDEFX
___ ___ ___ ___ ___ ___
1 2 3 4 5 6

EX:HBLCK206511030000X
___ ___ ___ ___ ___
1    2 3 4  5    6

- 1 Model
- 2 PC Lens : K=Frosted T=Clear
- 3 Power : 20=20W 30=30W 40=40W 50=50W 65=65W
- 4 Color Range : 30=WW(3000K) 40=NW(4000K) 50=DW(5000K)
              60=CW(6000K)
- 5 Date : 11=2011 Year 03=March
- 6 Quantity : 00001-99999PCS

# ■ Temperature Characteristics T-ambient 25°

**Temperature**

Operating  -30~+55℃
Storage    -40~+85℃

# ■ Electrical Characteristics

**Input Voltage:**
US：AC100~277V 50/60Hz
EU：AC100~240V 50/60Hz

PF:≥0.93       THD<20%

Power Efficiency:≥0.9

# 1. Features

- Linear LED High Bay patented design
- Modular design can meet the requirements of various projects
- Universal AC input 90-305VAC
- Hook mounting, suspension mounting, and fixed mounting for convenient installation and maintenance
- 30x70°/60x90°/90x150°beam angle with Lens
- Unique heatsink design for stable product performance
- Built-in active PFC function
- Patented design + Brand driver+ Brand LED
- Product automatic protection (OVP OLP OTP OCP)
- Water proof IP65 rate

# 2.Application

| COMMERCIAL LIGHTING | PUBLIC LIGHTING | INDUSTRIAL LIGHTING |
|---|---|---|
| Hospital | Street | Manufacture |
| Supermarkets | Tunnel | Warehouses |
| Shopping mall | Airports | Park |
| School | Sports | Exhibition centers |
| etc. | Train stations | Gas stations |
| | Bus stations | Toll stations |
| | Theatres | Gymnasium |
| | MTR stations | etc. |
| | etc. | |

# 3.Product Dimension
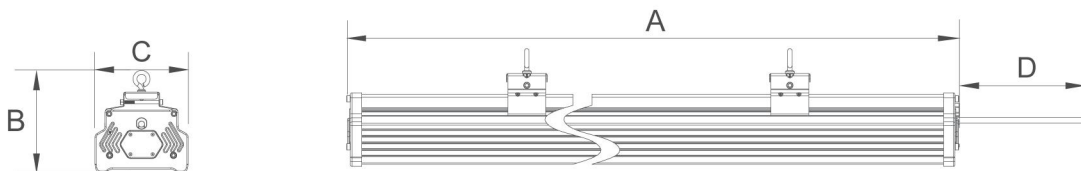


| Model NO. | Size A(mm) | Size B(mm) | Size C(mm) | Size D(mm) |
|---|---|---|---|---|
| HBLC 600mm | 600 | 155 | 142 | 1000 |
| HBLC 900mm | 900 | 155 | 142 | 1000 |
| HBLC1200mm | 1200 | 155 | 142 | 1000 |
| HBLC 1500mm | 1500 | 155 | 142 | 1000 |

# 4. Parameter

| Model NO. | Power (W) | Light Source | LED QTY (pcs) | CCT (K) | Clear Cover Lumens | Lm/W | CRI | Beam Angle | Recommended Installation Height (m) |
|---|---|---|---|---|---|---|---|---|---|
| HBLC-600mm | 60 | 3030 | 48 | 4000K | 7200 | 120 | >70 | 30x70°/60x90°/90x150° | 6-12 |
| HBLC-900mm | 90 | 3030 | 72 | 4000K | 10800 | 120 | >70 | 30x70°/60x90°/90x150° | 6-12 |
| HBLC-1200mm | 120 | 3030 | 96 | 4000K | 14400 | 120 | >70 | 30x70°/60x90°/90x150° | 6-12 |
| HBLC-1500mm | 150 | 3030 | 120 | 4000K | 18000 | 120 | >70 | 30x70°/60x90°/90x150° | 6-12 |

CCT Range   WW(3000K)   NW(4000K)   DW(5000K)   CW(6500K)
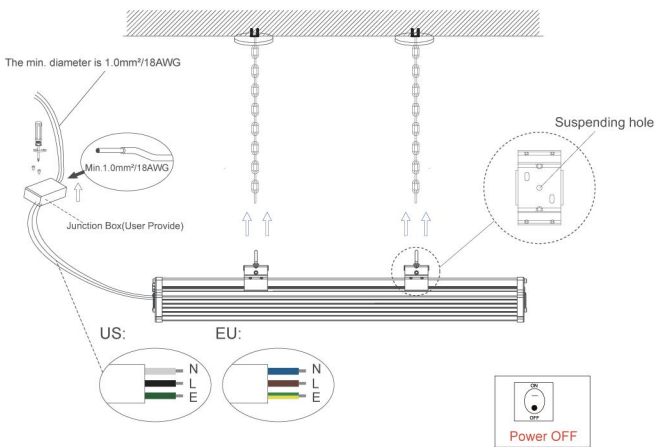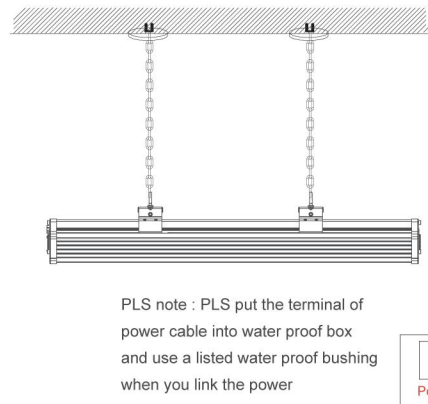
# 5.Installation

## A.Suspending
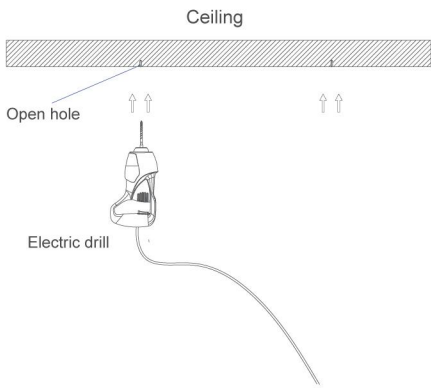


A : Make a right position and screw hole
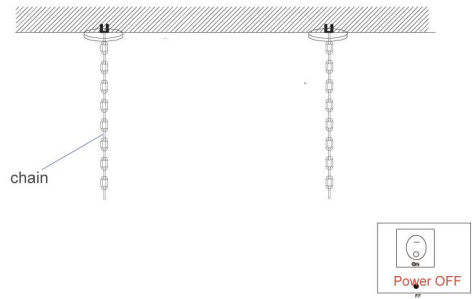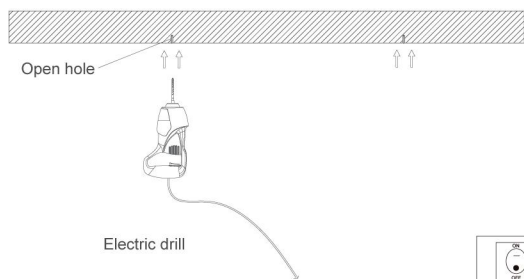


B : Screw the steel cable onto the ceiling



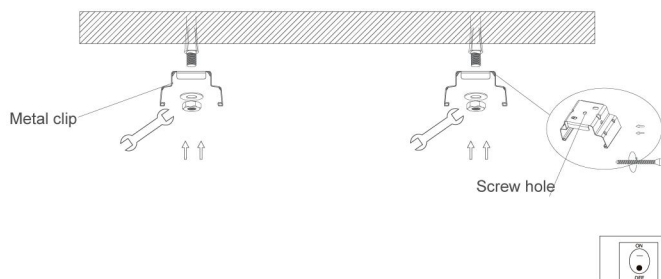C : Hang the fixture under the steel cable and secure the fixture by steel cable



PLS note : PLS put the terminal of power cable into water proof box and use a listed water proof bushing when you link the power

D: Adjust the position of the fixture and clean it..

## B.Ceiling Mounted

Open hole

Electric drill

A: Make a right position and screw hole

Power OFF

Metal clip

Screw hole

Power OFF

B: Screw the clip on the ceiling tightly

The min. diameter is 1.0mm²/18AWG

Metal clip

Junction Box(User Provide)

Min.1.0mm²/18AWG

US:

N
L
E

EU:

N
L
E

Linear LED High Bay

Power OFF

C: Install the lamp into the clips.

Screw hole

Note : pls put the terminal of power cable into water proof box and use a listed water proof bushing when you link the power
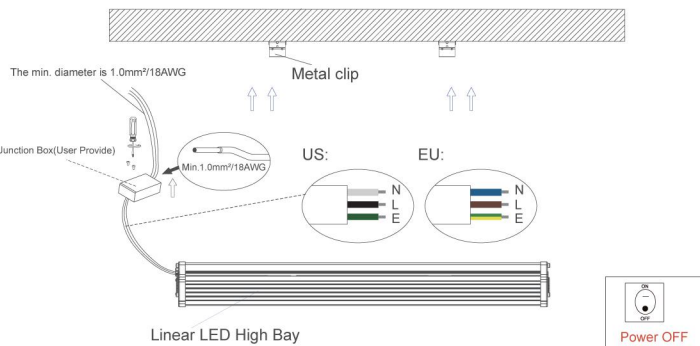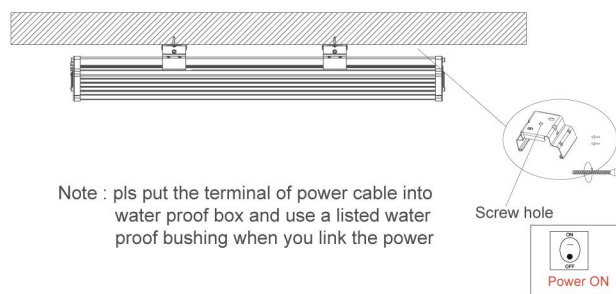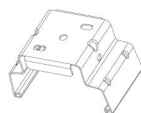
Power ON

D: Adjust the position of the fixture and clean it..

The luminaires are intended for indoor use or under shelter for outdoor use.

Loop

One package two pcs
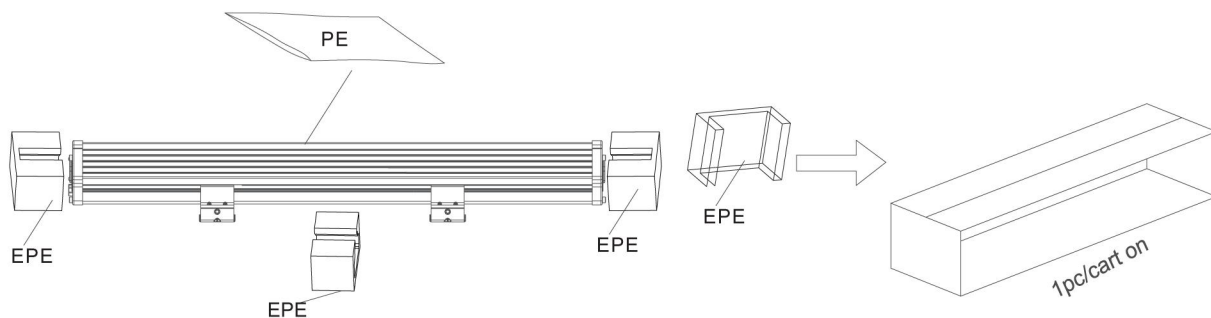
Metal Card

One package two pcs

Standard accessories

# 6.Packaging

PE

EPE

EPE

EPE

EPE

1pc/cart on

## A.Pack list

| Sequence Number | Model NO. | Quantity |
|---|---|---|
| 1 | Linear LED High Bay | 1pc |
| 2 | Metal card buckle | 2pcs |
| 3 | Manual | 1pc |

## B.Packing Data

| Model No | Single Box | Pcs/CTN | N .W. / pcs (kg) | G .W. /CTN (kg) | Meas (mm) |
|---|---|---|---|---|---|
| HBLC-600mm | 1 | 1 | 4.22 | 4.80 | 770x198155 |
| HBLC-900mm | 1 | 1 | 6.0 | 6.88 | 1058x198x155 |
| HBLC-1200mm | 1 | 1 | 7.36 | 8.36 | 1347x198x155 |
| HBLC-1500mm | 1 | 1 | 8.82 | 10.0 | 1637x198x155 |