



# Lighting Best International Ltd.

## Product specification



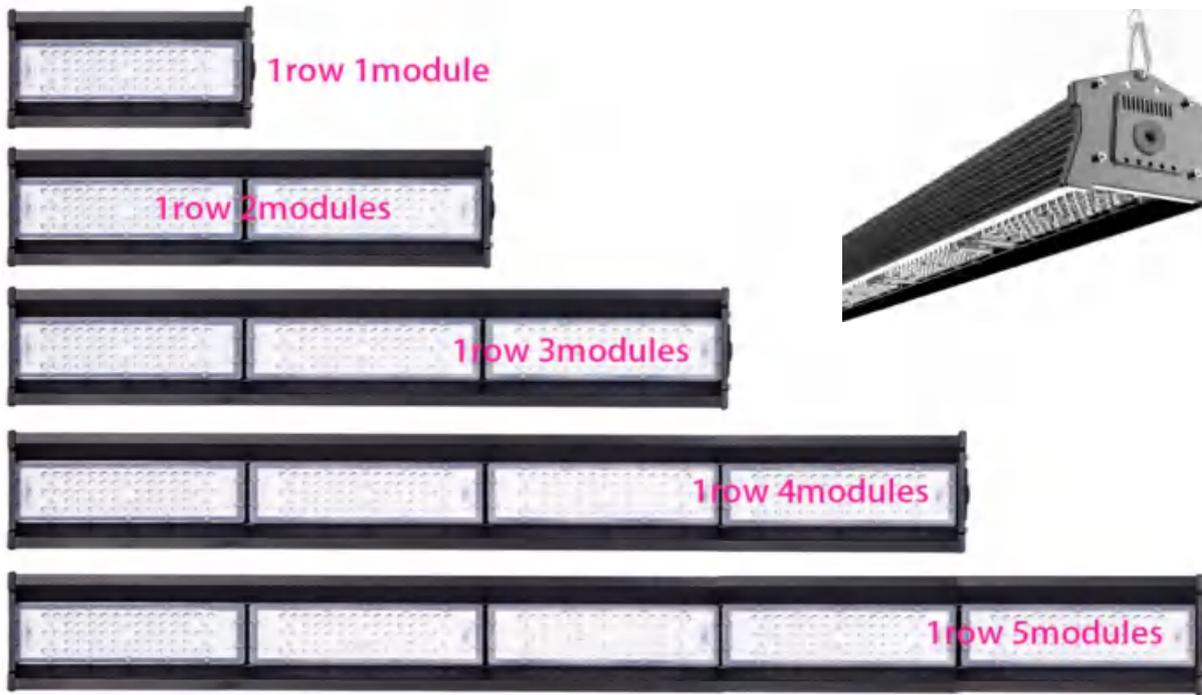
**Model No.:LB-LM130 series**

**Product name:**

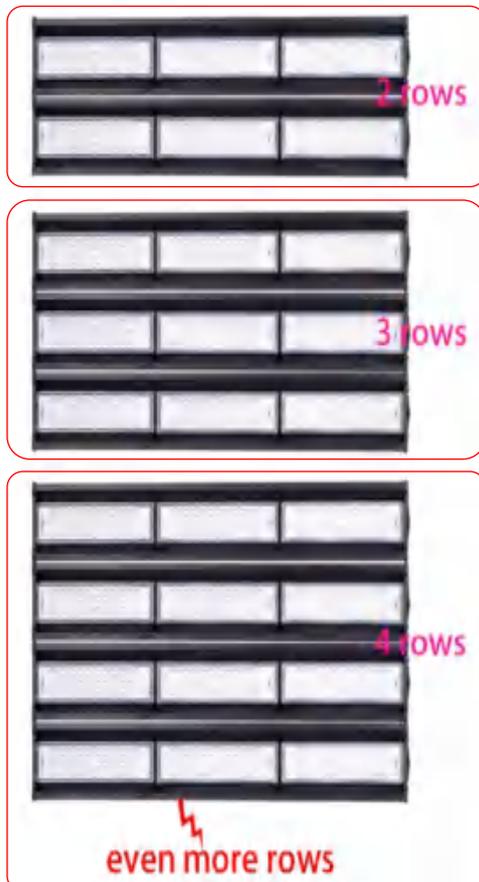
**50W-800W LED modularized LED linear highbay light**

# 1. Main picture

## 1.1. single columns 1-5 modules



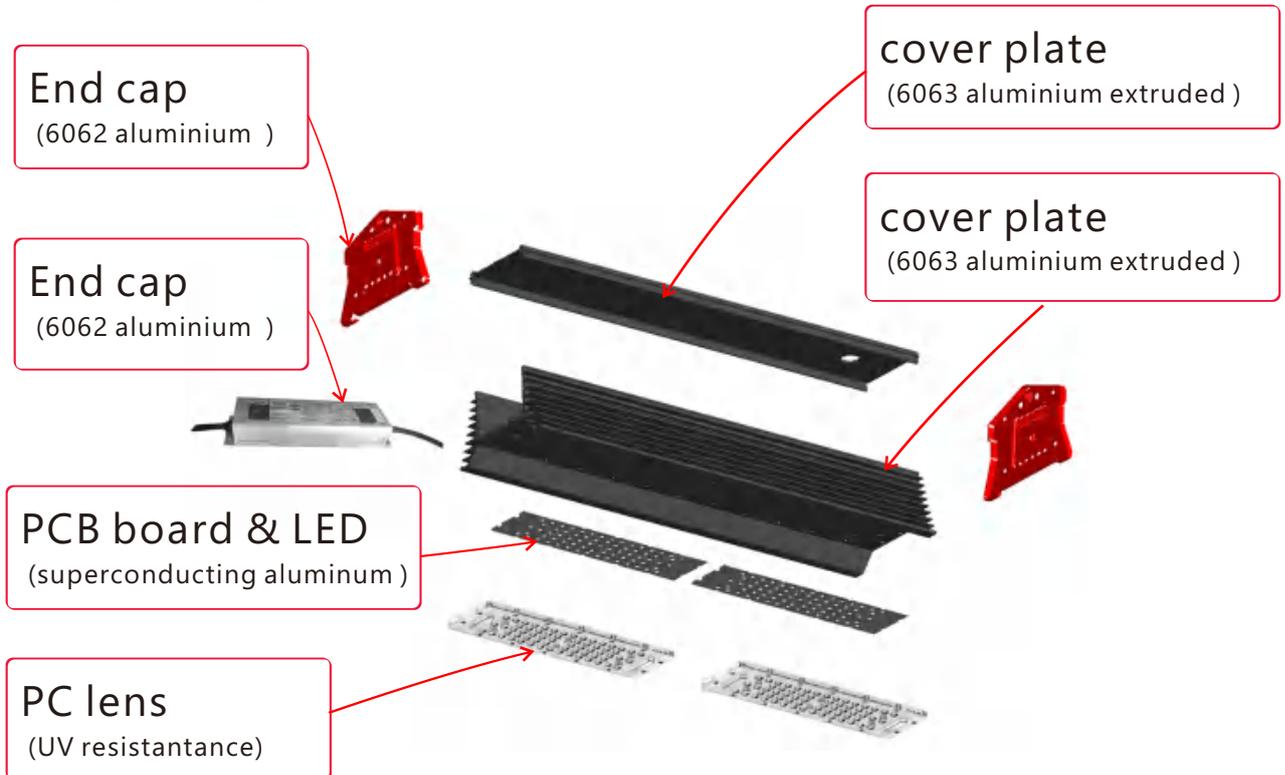
## 1.2. more rows can be assembled together easily



### 1.3 with emergency driver and motion sensor



### 1.4.exploded picture



## 2. product feature

1. The heat sink is made of high-quality 6063 aviation aluminum extruded sunflower profile, which has good heat transfer and heat dissipation effect, minimal light decay, strong durability and long life;
2. Modularization of 1 to 5 rows (or even more) and 1 to 2 columns (or even more), a total of 1 to 10 modules (or even more), and a power range of 50 to 800W (single module power is about 50 to 80W)
3. This product can be equipped with motion sensor and emergency power supply.
4. Using high luminous efficiency 3030 LED chips, the luminous efficiency of lamps is up to 160 LM/W;
5. Beam angle optional: 30°/60°/90°/60°\*90°/75°\*140°;

6. IP level: Ip65;

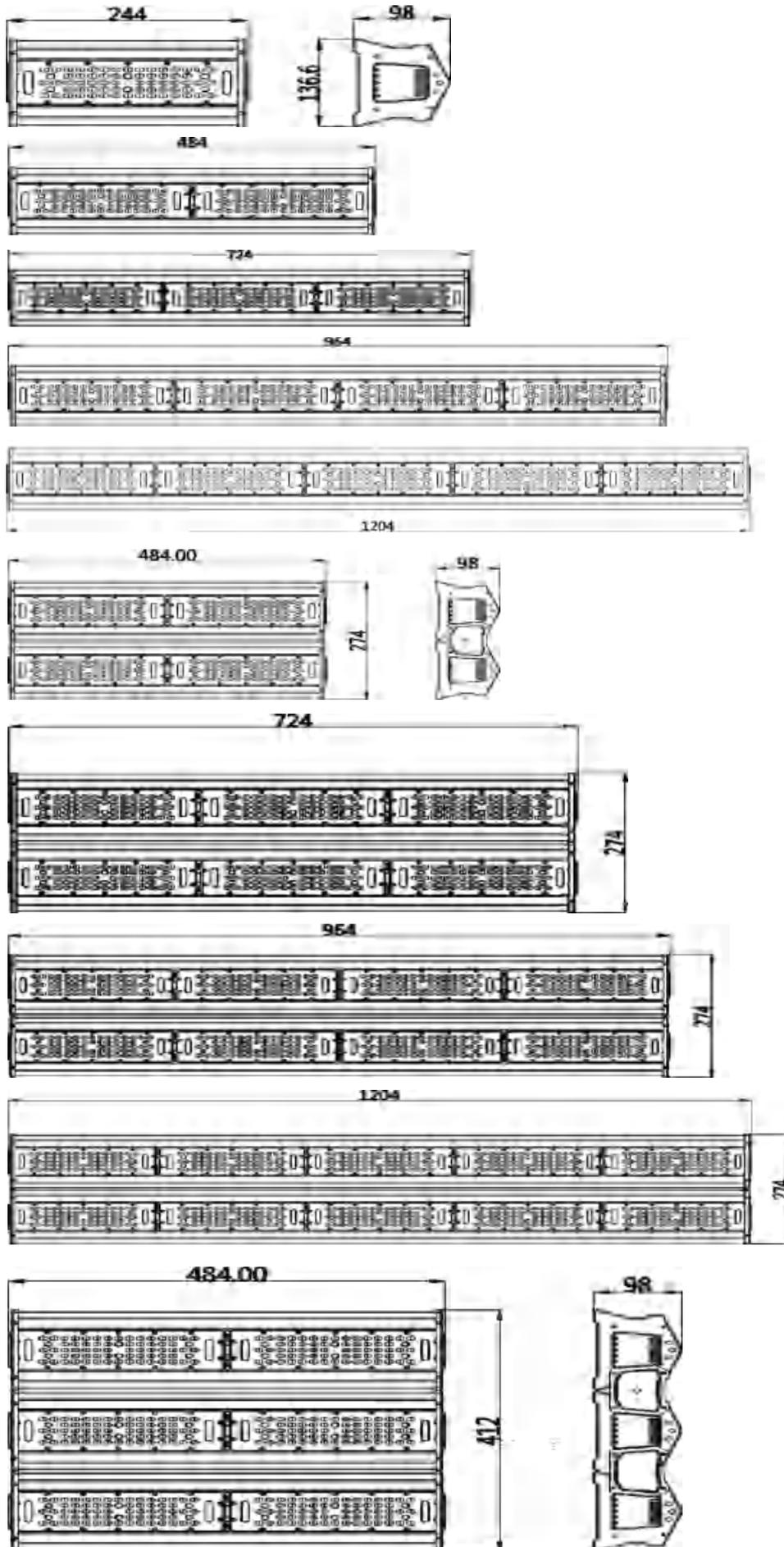
7. UL listed;



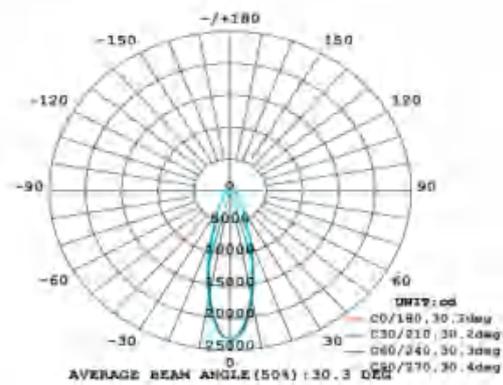
## 3. Quick Details

|  |   |   |  |
|--|---|---|--|
| Keyword:   | LED linear High Bay Light   | Model Number:                             | LB-LM130-XAAA-Y, LB-LM130-XBBB-Y, LB-LM130-XCCC-Y, LB-LM130-SAAA-Y, LB-LM130-SBBB-Y, LB-LM130-SCCC-Y, LB-LM130-EAAA-Y, LB-LM130-EBBB-Y, LB-LM130-ECCC-Y.   |
| modules power range                                  | 1~5 rows and 1~2 columns(total:1~10)<br>50~800W(about 50~100W/module)   | main material of Housing                  | extruded 6063 aluminum heatsink  |
| support customize                                    | yes   | optical structure design                  | UV resistance PC lens  |
| typical Input Voltage(V):                            | AC100~240V. 50/60HZ   | power factor                              | >0.95  |
| Driver Brand:  | Meanwell/sosun/lightingbest/others  | Extra function optional /Smart Functions: | Dimming/DALI /emergency lighting/ motion sensor/ZIGBEE intelligent control   |
| Place of Origin:                                     | China   | product Brand:                            | lightingbest or customize  |
| LED Chip Brand:                                      | cree/philips/osram/others   | Luminous Efficiency(lm/w):                | max200LM/W(when CCT6000K)  |
| LED type   | SMD3030   | Beam angle:                               | 60° /90° /120° /30° *70° /60° *120° /70° *140° options   |
| Color Temperature(CCT):                              | 3000k~6500k optional  | CRI (Ra>):                                | 70~90 optional   |
| lifetime(Hours)                                      | 50000   | Warranty                                  | 1~5 Years  |
| certificate  | CE, Rohs, UL  | IP Rating:                                | IP65 Waterproof  |
| Working Temperature(°C):<br>storage temperature(°C): | -35°C ~ +60°C<br>-30°C ~ +50°C  | Application:                              | warehouse, hallway, passage, market, workshop, Exhibition hall etc.  |
| packing(mm)  | (1 module) 310x180x130<br>(2 modules) 550x180x130<br>(3modules) 790x180x130<br>(4modules) 1030x180x130<br>(5 modules) 1245x180x140<br>(2*2= 4 modules) 550x320x130<br>(2*3= 6 modules) 790x320x130<br>(2*3= 6 modules) 1030x320x130<br>(2*5= 10 modules) 1270x320x130 | N.W./G.W.(KG)                             | (1 module) 2.9/3.4<br>(2 modules) 3.7/4.2<br>(3modules) 4.5/5.5<br>(4modules) 5.3/6.3<br>(5 modules) 6.1/7.1<br>(2*2= 4 modules) 5.4/6.4<br>(2*3= 6 modules) 9.1/10.2<br>(2*4= 8 modules) 10.7/11.9<br>(2*5= 10 modules) 12.3/13.5 |

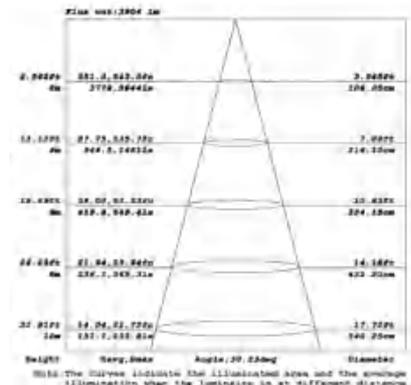
# 5.1 product diemension



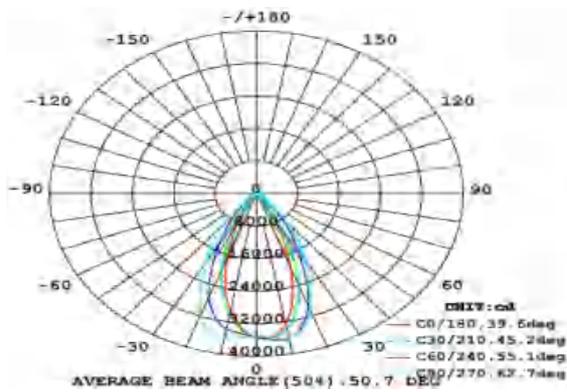
## 5.2 partial optical parameter and lights distributor curve



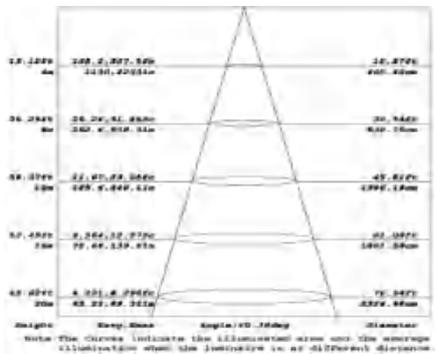
Beam angle 30°



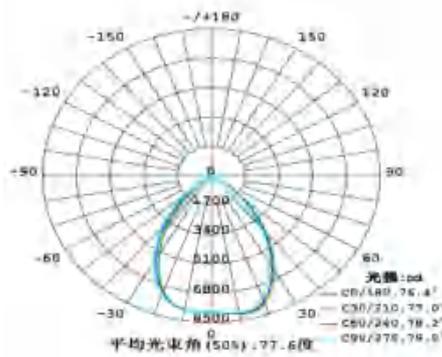
when power:100W



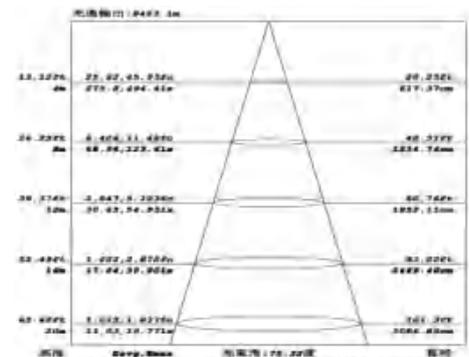
Beam angle 60\*90°



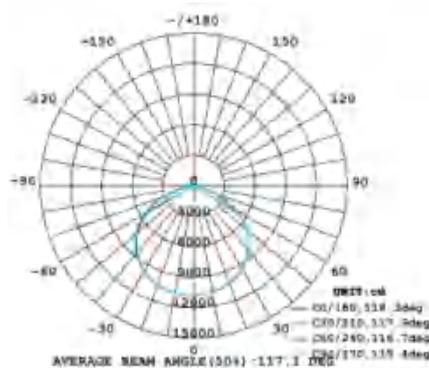
when power:200W



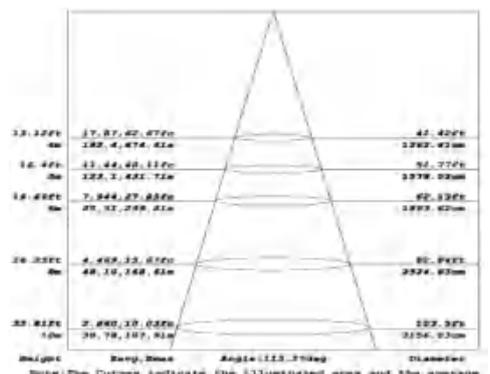
Beam angle 90°



when power:100W



Beam angle 120°



when power:200W

## 5.3 UL listed

# CERTIFICATE OF COMPLIANCE

Certificate Number 20161221-E472884  
Report Reference E472884-20161216  
Issue Date 2016-DECEMBER-21

Issued to: Lighting Best International Ltd  
Zone A F112  
Bldg 22 Chuangye Industrial Zone  
Shapuwei Community Songgang St Baoan  
Shenzhen  
518104 CHINA

This is to certify that  
representative samples of

LIGHT-EMITTING-DIODE SURFACE-MOUNTED  
LUMINAIRES  
LB-LM130-XAAA-Y, LB-LM130-XBBB-Y, LB-LM130-XCCC-  
Y, LB-LM130-SAAA-Y, LB-LM130-SBBB-Y, LB-LM130-  
SCCC-Y, LB-LM130-EAAA-Y, LB-LM130-EBBB-Y, LB-  
LM130-ECCC-Y.

Where the "Y" can be "A" to "H", represents the beam  
angel. (E.g. A=30°, B=60°, C=90°, D=120°, E=30X70°,  
F=60X90°, G=80X150°, H=90X120°)

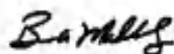
Have been investigated by UL in accordance with the  
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1598 & CSA C22.2 No. 250.0-08, Luminaires  
UL 8750, Light Emitting Diode (LED) Equipment for Use in  
Lighting Products

Additional Information: See the UL Online Certifications Directory at  
[www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's  
Certification and Follow-Up Service.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

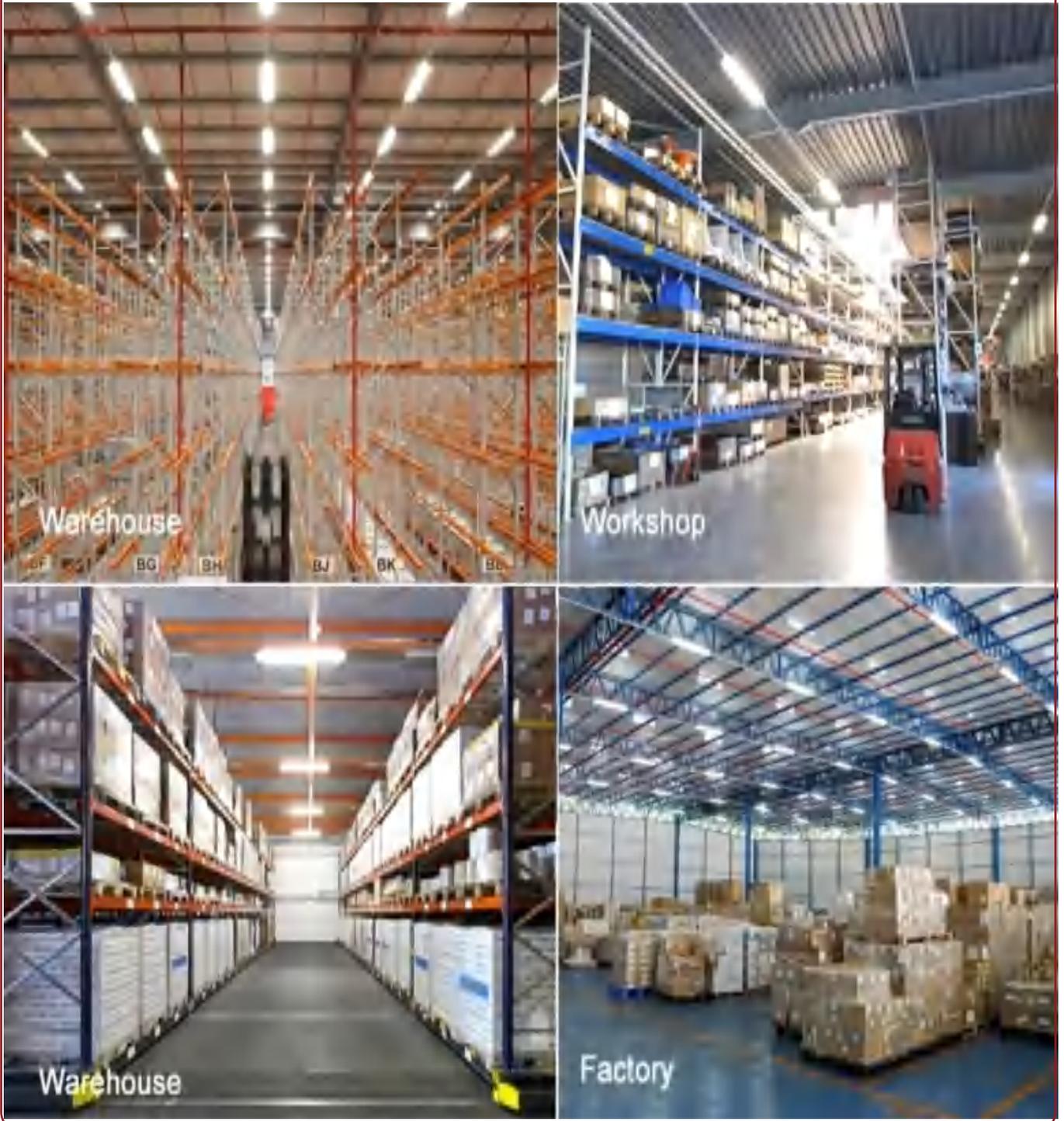
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contact a local UL Customer Service Representative at [ULCustomerService@ul.com](mailto:ULCustomerService@ul.com)





## 5. application scene

general application:;Factory, Warehouse,Workshop,, Supermarket, etc.



## 6. Contact us

mobile/wechat/whatsapp/skype(same number)

**+86 13316916698**