



Lighting Best International Ltd.

Product specification



Model No.:LB-LM130 G series

Product name:

50W-1000W LED linear

Full Spectrum UV IR Plant Growing light

1. Main picture

1.1. single row 1-5 modules



1 row 1 module



1 row 2 modules



1 row 3 modules



1 row 4 modules



1 row 5 modules



1.2. more rows can be assembled together easily



2 rows



3 rows



4 rows

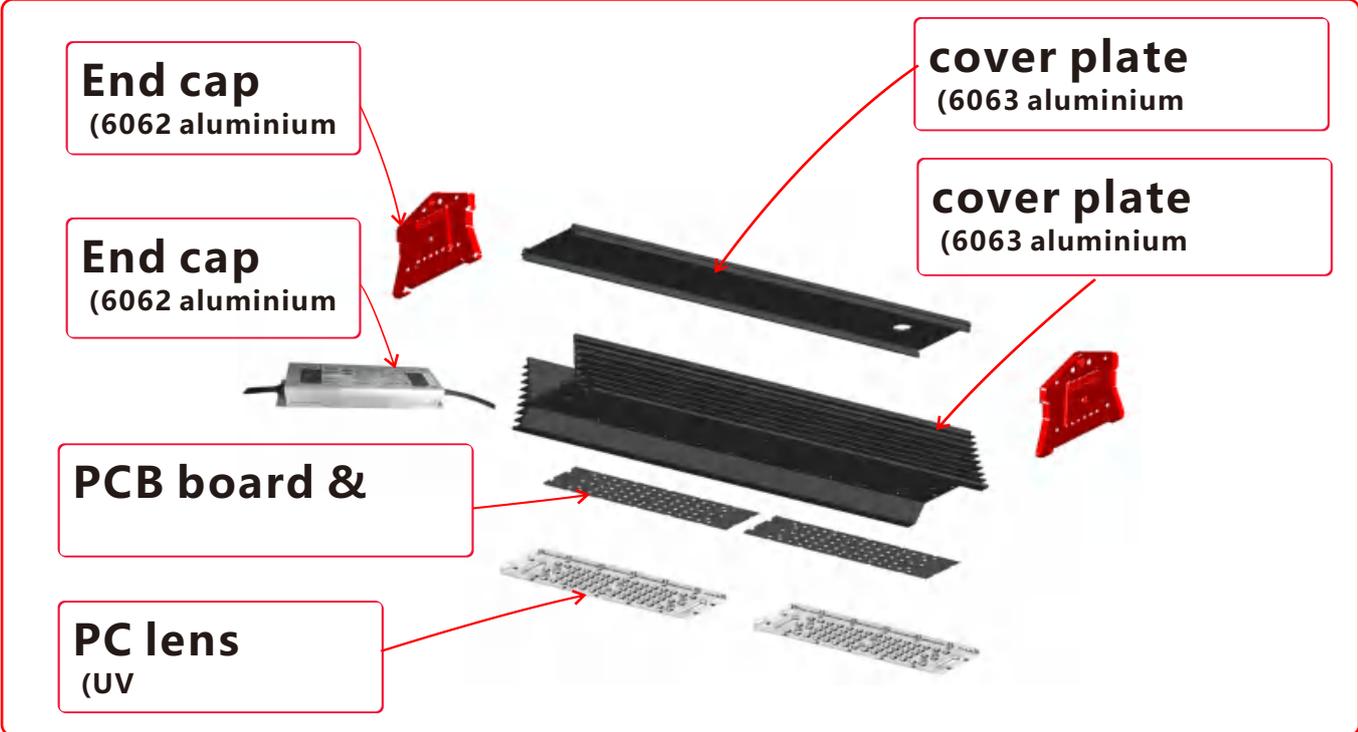
even more rows



1.3 burninging picture of red and blue ratio



1.4.exploded picture



2. product feature

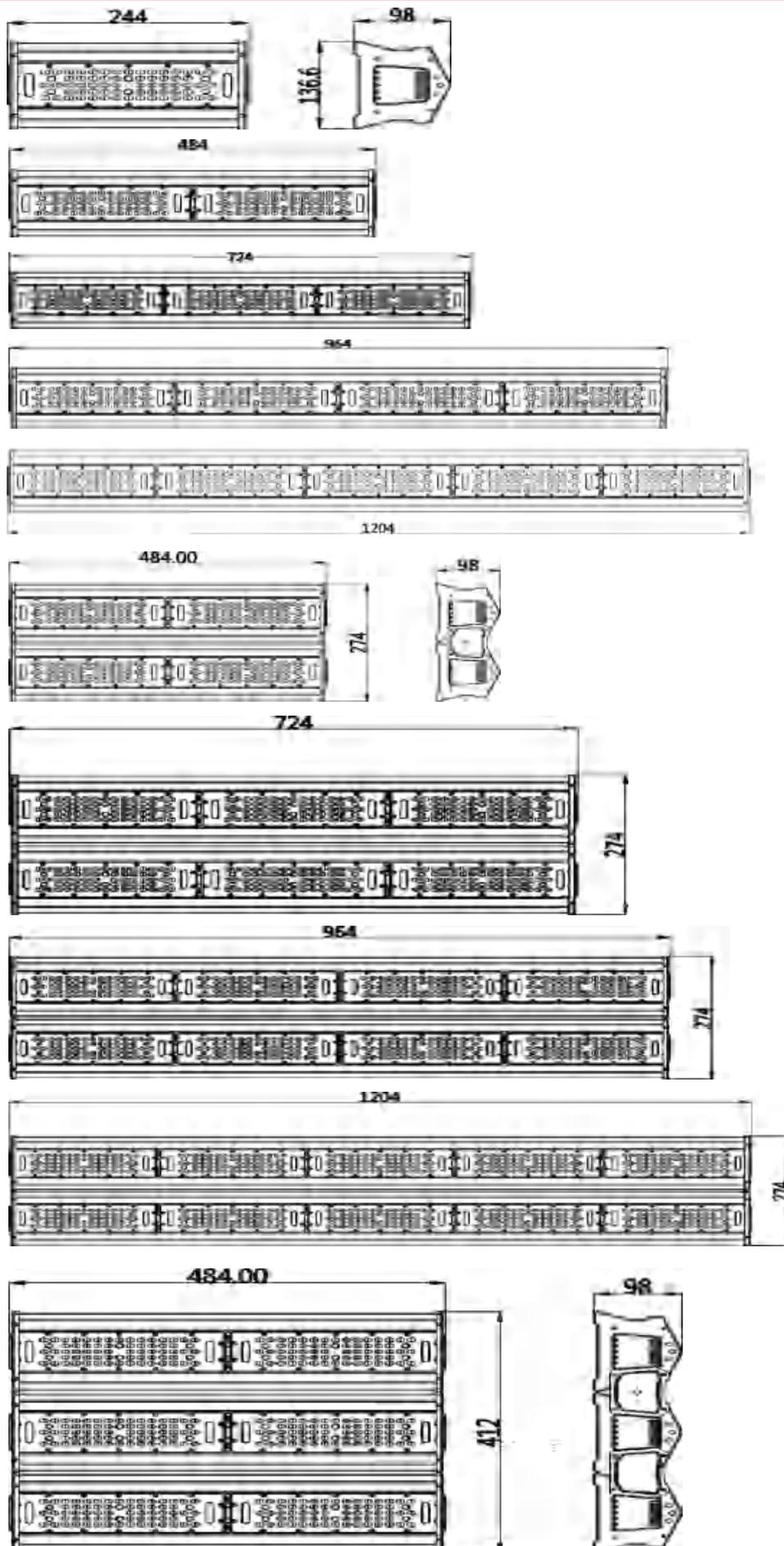
1. high-quality aluminum extruded radiator, excellent heat dissipation effect, solid and durable products;
2. lamp body can be freely selected from 1 to 5 block (even more) vertically, and can be assembled and connected from 2 or 3 rows (even more) horizontally. The power range of the product is very wide.
3. adopt Samsung Lm 301b or customize;
4. beam angles available :30°/60°/90°/60°*90°/75°*140°;
5. IP grade: Ip65;
6. UL listed;



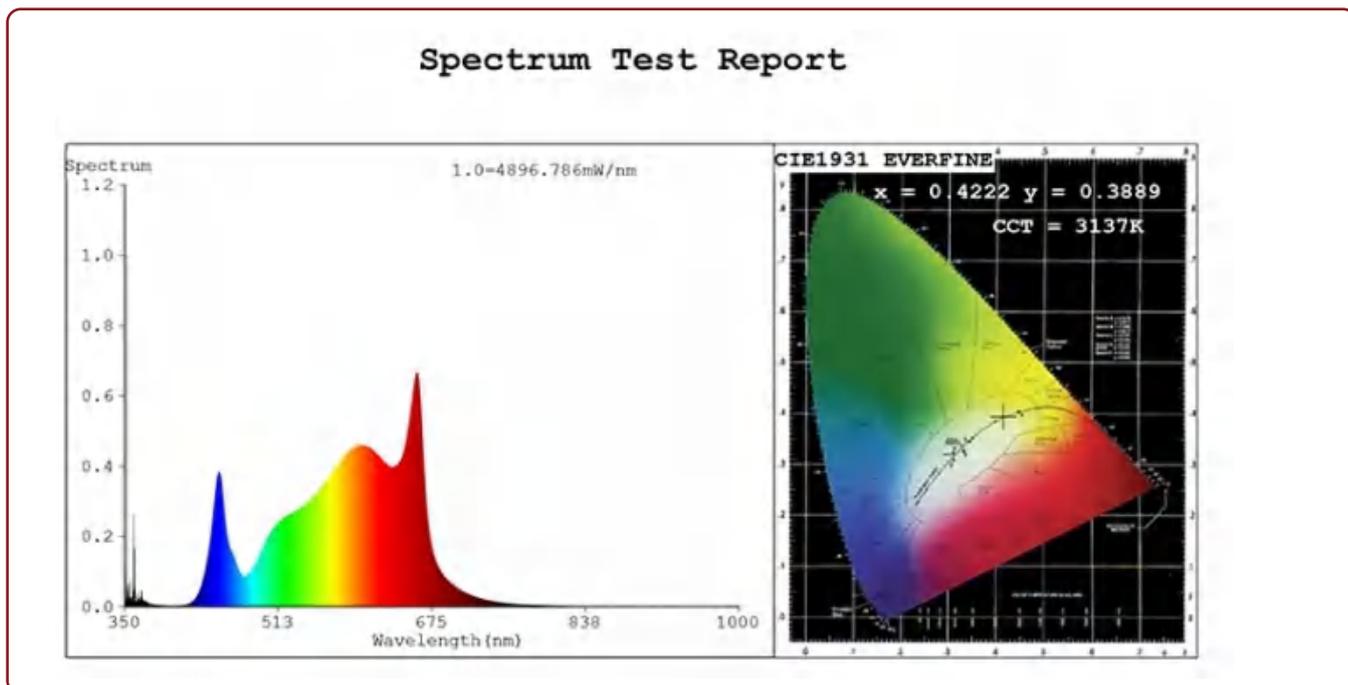
3. Quick Details

| | | | |
|--|--|---|---|
| Keyword: | LED linear growing Light | Model Number: | LB-LM130-XAAA-Y, LB-LM130-XBBB-Y, LB-LM130-XCCC-Y, |
| modules power range | 1~5 rows and 1~2 columns(total:1~10) 50~1000W(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: | Samsung/osram/others | Luminous Efficacy(μmol/J): | 2.8 |
| LED type | 301B /301H/SMD3030 | Beam angle: | 60° /90° /120° /30° *70° /60° *120° / 70° *140° optional |
| Color Temperature(CCT): | (Full Spectrum,red/blue ratio available or Customize) | CRI (Ra>): | 70~90 optional |
| lifetime(Hours) | 50000 | Warranty | 1~5 Years |
| certificate | CE, Rohs, UL | IP Rating: | IP65 Waterproof |
| Working Temperature(°C): storage temperature(°C): | -35°C~+60°C -30°C~+50°C | Application: | Greenhouse, Seedling, Hydroponics, Horticultural,BLOOM, VEG |
| packing | (1 module) 310x180x130 (2 modules) 550x180x130 (3modules) 790x180x130 (4modules) 1030x180x130 (5 modules) 1245x180x140 (mm) (2*2= 4 modules) 550x320x130 (2*3= 6 modules) 790x320x130 (2*4= 8 modules) 1030x320x130 (2*5= 10 modules) 1270x320x130 | N.W./G.W. | (1 module) 2.9/3.4 (2 modules) 3.7/4.2 (3modules) 4.5/5.5 (4modules) 5.3/6.3 (5 modules) 6.1/7.1 (KG) (2*2= 4 modules) 5.4/6.4 (2*3= 6 modules) 9.1/10.2 (2*4= 8 modules) 10.7/11.9 (2*5= 10 modules) 12.3/13.5 |

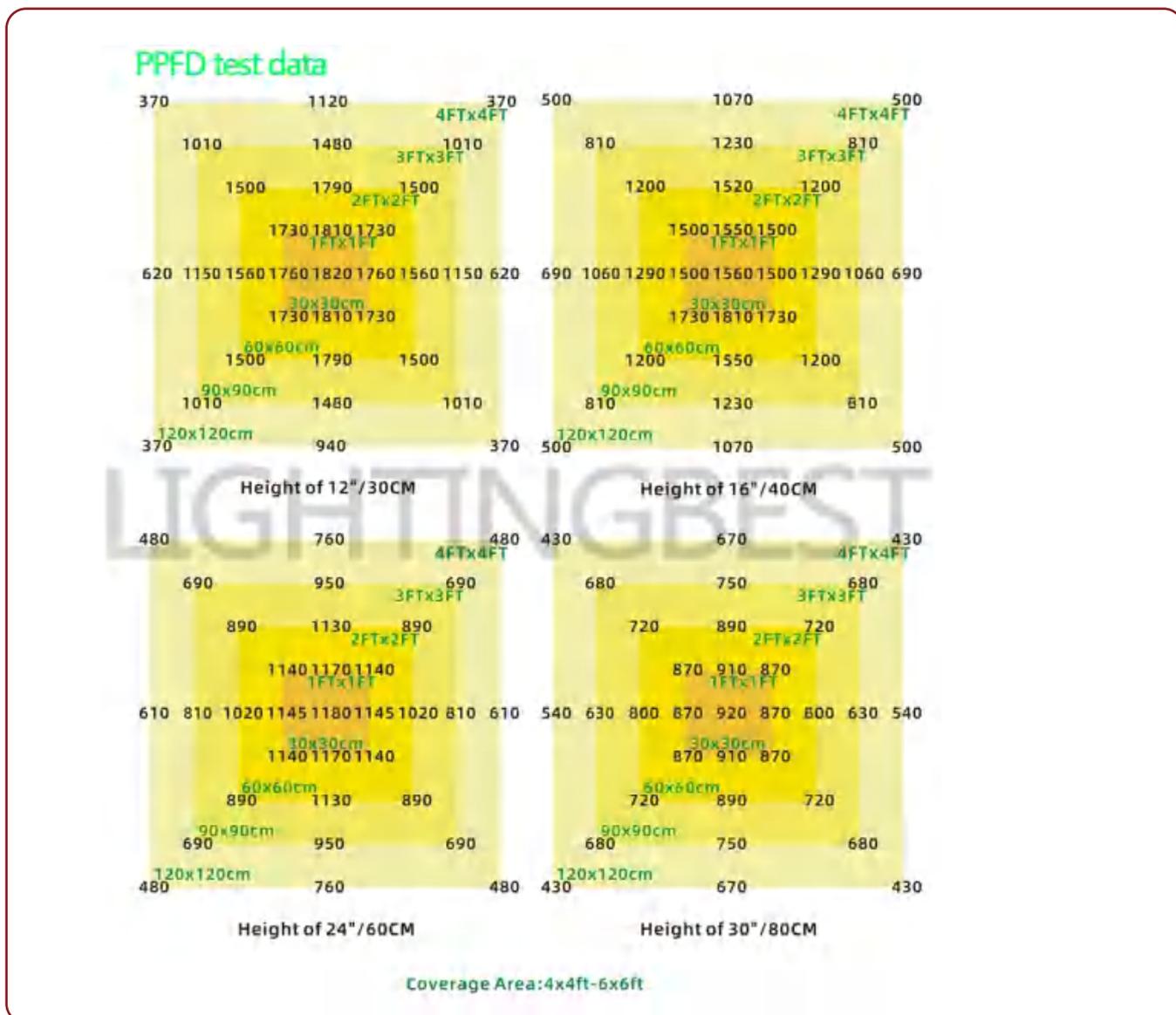
5.1 product diemension



4.4 spectrum distrubtion



4.4 PPFD test data



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°)

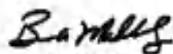
Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

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 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

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please
contact a local UL Customer Service Representative at <http://www.ul.com/about/localize/>



5. application scene

General: Greenhouse, Seedling, Hydroponics, Horticultural, blooms, VEG etc.



6. Contact us

mobile/wechat/whatsapp/skype(same number)

+86 13316916698