



Lighting Best International Ltd.

Product specification



Model No.: **LB-RS600** series

↓
**Sub
model No.**

LB-RS6002	50 ~ 100W
LB-RS6003	100 ~ 150W
LB-RS6004	150 ~ 200W
LB-RS6005	200 ~ 300W

Product name:

50W-300W LED Multiple models street light.

1. Main picture



LB-RS6002



LB-RS6003



LB-RS6004



LB-RS6005

2. product feature

1. High quality aluminum alloy die-casting heatsink, total 4 difference size, power range:50-300W.
- 2.excellent heat dissipation effect, and low product light decay;
3. Optical UV resistant, PC lens, beam angle:70°X140° or 75°X165° ;
4. Light source type: SMD 3030/5050 light source, light efficiency up to 180 LM/W;
5. Ip65
- 6.certification: CE, Rohs, UL listed.



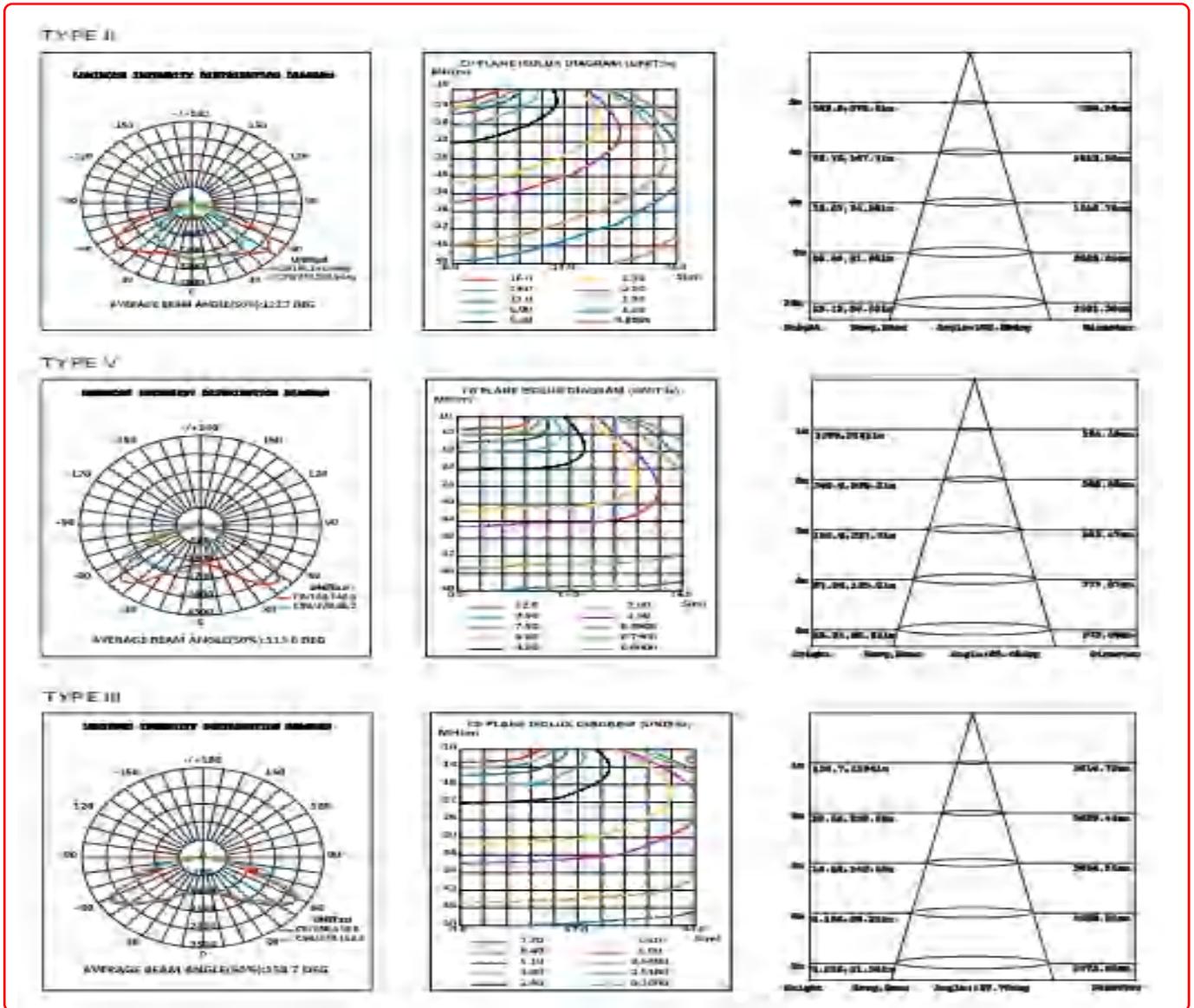
3.Quick Details

Keyword:	multi-models LED street light	Model Number(UL):	LB-RS600-WAAA
models	total:4	Warranty	3 ~ 5 Years
power range	50 ~ 300W	optical structure design	PC lens
support customize	yes	main material of Housing	ADC12 Die-cast heatsink combine with 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
LED Chips	Cree/Philips/Osram/others	product Brand:	lightingbest or customize
LED type	SMD3030	Luminous Efficiency(lm/w):	max180LM/W(when CCT6000K)
Color Temperature (CCT) :	3000k-6500k optional	Beam angle:	70*140° or 75*160°
lifetime(Hours)	50000	CRI (Ra>):	70 ~ 90 optional
certificate	CE, Rohs, UL	IP Rating:	IP65 Waterproof
Working Temperature(°C): storage temperature(°C):	-35°C ~ +60°C -30°C ~ +50°C	Application:	street, Square,Parking Lot, advertising lighting, Garden, Public place, etc.
packing(mm)	refer parameters table	N.W./G.W.(KG)	refer parameters table

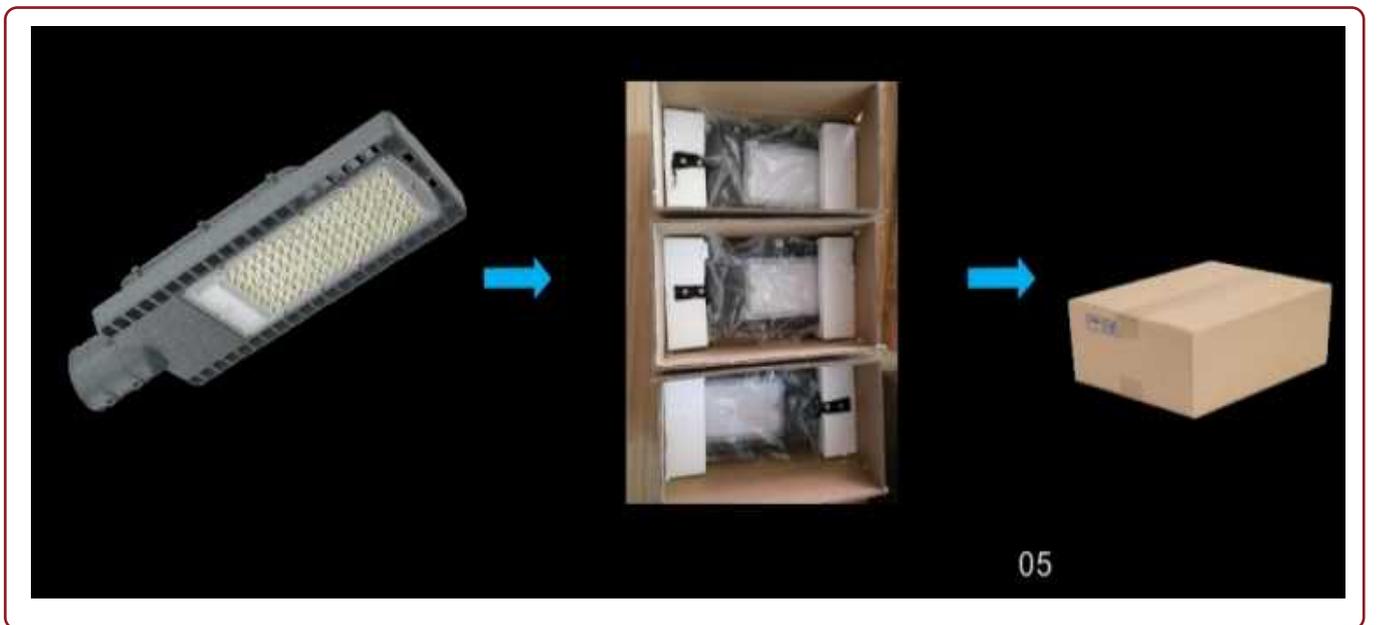
3.parameters

Model	lamp Power (W)	modules	N.W./G.W. (KG)	Product size (mm)	packing size (mm)	pole size (? mm)
LB-RS6002	100	2	2.6/3.2	585*300*100	605*320*130	60
LB-RS6003	150	3	3.2/3.9	665*300*100	685*320*130	60
LB-RS6004	200	4	3.6/4.3	745*300*100	765*320*130	60
LB-RS6005	300	5	4.0/4.8	825*300*100	845*320*130	60

6. typical optical parameter and lights distributor curve



7.packing



7. UL certificate

CERTIFICATE OF COMPLIANCE

Certificate Number 20150211-E472884
Report Reference E472884-20150129
Issue Date 2015-FEBRUARY-11

Issued to: LIGHTING BEST INTERNATIONAL LTD
ZONE A FL12,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
Suitable for wet Locations, Models: LB-DM500-WAAA, LB-DM500-
WBBB, LB-DM500-WAAA, LB-DM500-WBBB, LB-FS100-WAAA, LB-
FS115-WAAA, LB-FS200-WAAA, LB-FS225-WAAA, LB-FS290-WAAA,
LB-FS300-WAAA, LB-FS350-WAAA, LB-FS350-WBBB, LB-FS408-
WAAA, LB-FS408-WBBB, LB-FS408-WCCC, LB-FS500-WAAA, LB-
FS500-WBBB, LB-ID320-WCCC, LB-ID320-WDDD, LB-IM160-WAAA,
LB-IM160-WBBB, LB-IM160-WCCC, LB-IM200-WAAA, LB-IM200-
WBBB, LB-IM250-WAAA, LB-IM320-WAAA, LB-IM320-WBBB, LB-
IM320-WCCC, LB-IM320-WDDD, LB-IS200-WBBB, LB-RS530-WAAA,
LB-RS595-WAAA, **LB-R8600-WAAA.**

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

Standard(s) for Safety: UL 1598 and 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.



Brian M. Kelly, American Chief Engineer, Global Inspection and Field Services

UL LLC

Any information and documentation involving UL Mark service 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 ul@ul.com/contact.



8. CE, Rohs & Ip65 certifficate

Certificate - Сертификат - 證明書 - Certificat - 증명서 - شهادة

Shenzhen ZKT Technology Co., Ltd.
1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue,
Fuhai Street, Bao'an District, Shenzhen, China



Certificate of Compliance

Certificate Number: ZKT-24062010228C

Certificate's Holder: Lighting Best International Limited
F12,bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community,Songgang St,Baoan,Shenzhen

Manufacturer: Lighting Best International Limited
F12,bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community,Songgang St,Baoan,Shenzhen

Trade Mark: N/A

Product: LED street Lights;

Model(s): LF-ES06-4-1.5A, LF-ES05-001, LF-ES002, LF-ES001 / LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001, LF-ES002, LF-ES001 / LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001, LF-ES002, LF-ES001

This Attestation of Compliance is issued on a voluntary basis for electrical equipment below the voltage limits of Low Voltage Directive 2014/35/EU. The essential requirements are fulfilled accordingly based on the technical specifications applicable at the time of issuance. See also notes hereon, if it is only valid in connection with the test report number ZKT-24062010228S.



This Certificate of Conformity is based on single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant. Directives to be observed: +86-400 008 0070 +86-755-22206688 25 25@zkt-lab.com www.zkt-lab.com

Shenzhen ZKT Technology Co., Ltd.
1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue,
Fuhai Street, Bao'an District, Shenzhen, China



Certificate of Compliance

Certificate Number: ZKT-24062010231C

Certificate's Holder: Lighting Best International Limited
F12,bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community,Songgang St,Baoan,Shenzhen

Manufacturer: Lighting Best International Limited
F12,bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community,Songgang St,Baoan,Shenzhen

Trade Mark: N/A

Product: LED street Light

Model(s): LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001 / LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001, LF-ES002, LF-ES001 / LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001, LF-ES002, LF-ES001

Test Standard: EN 60529:1991+A1:2000+A2:2013

This Attestation of Compliance is issued on a voluntary basis for electrical equipment below the voltage limits of Low Voltage Directive 2014/35/EU. The essential requirements are fulfilled accordingly based on the technical specifications applicable at the time of issuance. See also notes hereon, if it is only valid in connection with the test report number ZKT-24062010231S.

IP65



This Certificate of Conformity is based on single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant. Directives to be observed: +86-400 008 0070 +86-755-22206688 25 25@zkt-lab.com www.zkt-lab.com

Certificate - Сертификат - 證明書 - Certificat - 증명서 - شهادة

Certificate - Сертификат - 證明書 - Certificat - 증명서 - شهادة

Shenzhen ZKT Technology Co., Ltd.
1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue,
Fuhai Street, Bao'an District, Shenzhen, China



Certificate of Compliance

Certificate Number: ZKT-24062010229C

Certificate's Holder: Lighting Best International Limited
F12,bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community,Songgang St,Baoan,Shenzhen

Manufacturer: Lighting Best International Limited
F12,bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community,Songgang St,Baoan,Shenzhen

Trade Mark: N/A

Product: LED street Light

Light Model(s): LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001 / LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001, LF-ES002, LF-ES001 / LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001, LF-ES002, LF-ES001

Test Standard: EN IEC 60515:2019+A11:2020, EN IEC 61547:2023, EN IEC 61000-3-2:2019/A1:2021/A2:2024, EN 61000-3-3:2013/A1:2019/A2:2021, EN 61000-4-2:2000, EN IEC 61000-4-3:2020, EN 61000-4-4:2012, EN 61000-4-5:2014+A1:2017, EN IEC 61000-4-6:2023, EN 61000-4-8:2016, EN IEC 61000-4-11:2020

This Attestation of Compliance is issued on a voluntary basis for electrical equipment below the voltage limits of EMC Directive 2014/53/EU. The essential requirements are fulfilled accordingly based on the technical specifications applicable at the time of issuance. See also notes hereon, if it is only valid in connection with the test report number ZKT-24062010229S.



This Certificate of Conformity is based on single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant. Directives to be observed: +86-400 008 0070 +86-755-22206688 25 25@zkt-lab.com www.zkt-lab.com

Shenzhen ZKT Technology Co., Ltd.
1/F, No. 101, Building B, No. 6, Tangwei Community Industrial Avenue,
Fuhai Street, Bao'an District, Shenzhen, China



Certificate of Compliance

Certificate Number: ZKT-24062010230C

Certificate's Holder: Lighting Best International Limited
F12,bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community,Songgang St,Baoan,Shenzhen

Manufacturer: Lighting Best International Limited
F12,bldg 22(Pujing Semiconductor Ind.Park),Chuangye Ind. Zone, Shapuwai Community,Songgang St,Baoan,Shenzhen

Trade Mark: N/A

Product: LED street Light

Model(s): LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001 / LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001, LF-ES002, LF-ES001 / LF-ES06-4-1.5A, LF-ES06-1, LF-ES002, LF-ES001, LF-ES002, LF-ES001

Test Method: IEC 62321-6:2015 IEC 62321-4:2013+A1:2017, IEC 62321-7:2017 IEC 62321-5:2015 IEC 62321-8:2017 & IEC 62321-3-1:2013 & IEC 62321-7-1:2015

The following products have been tested by us and found in conformity with the (RoHS) Directive 2011/65/EU Annex II amending Annex (EU)2015/883 and amending Annex (EU)2017/2102. It is possible to use CE marking to demonstrate the conformity with this Directive, if it is only valid in connection with the test report number ZKT-24062010230R.

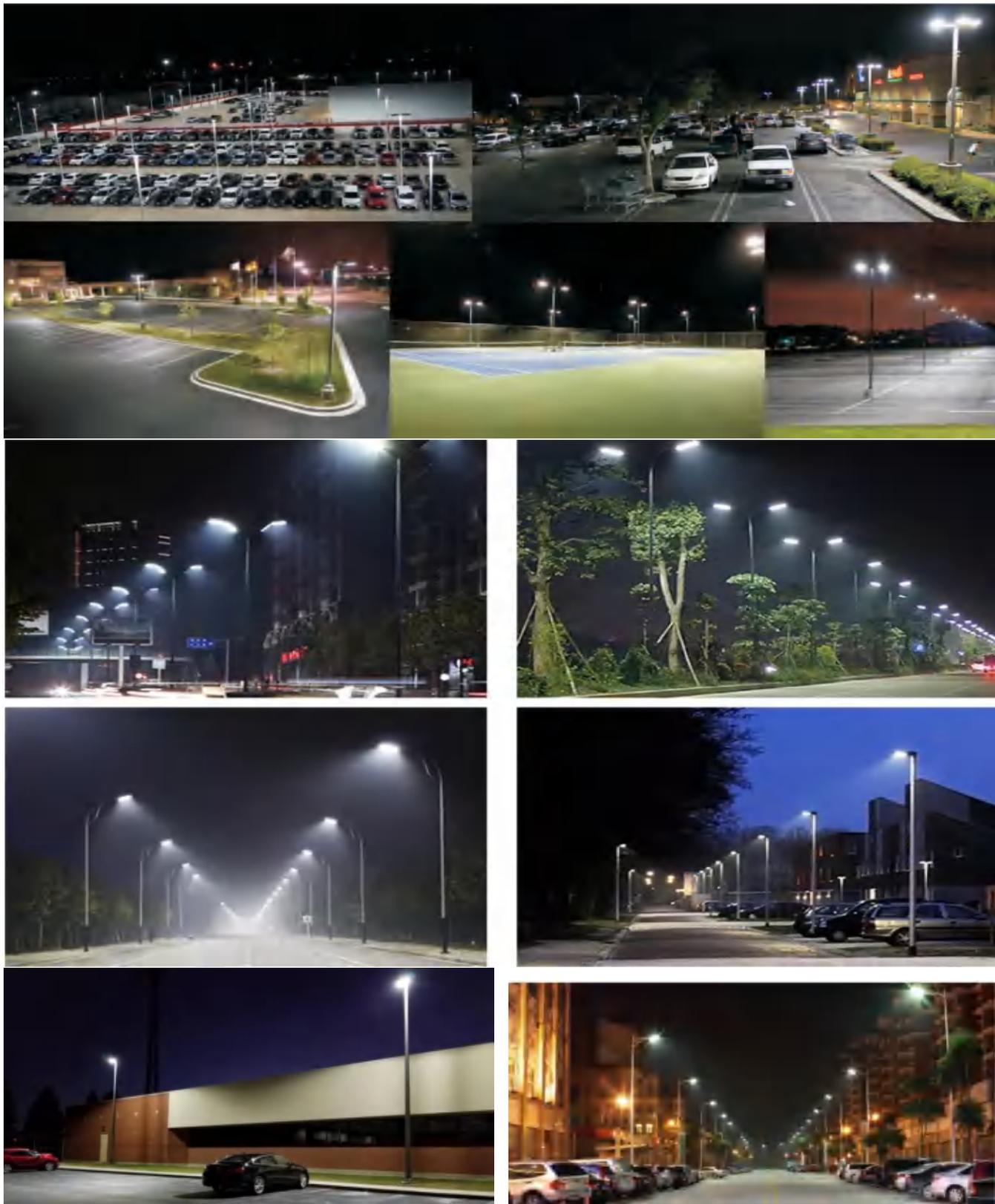
RoHS



This Certificate of Conformity is based on single evaluation of the submitted sample(s) of the above mentioned product. It does not imply an assessment of the whole product and relevant. Directives to be observed: +86-400 008 0070 +86-755-22206688 25 25@zkt-lab.com www.zkt-lab.com

9. application scene

general:Tunnel,Highway,Gas Station,Factory, Warehouse,Workshop,Square,Parking Lot, Supermarket,advertising lighting, Garden,Public place etc.



7. contact us

Mobile/wechat/whatsapp/skype(same number)

+86 13316916698