



# LED Street Light

## BRIGHTEN YOUR LIFE

NEW LED TECHNOLOGY THAT ALLOWS THE COEXISTENCE OF ENVIRONMENTAL PROTECTION AND ENERGY SAVING



### 1 > KEY FEATURES

- 1.High efficiency UL Certification Driver.
- 2.Imported original Lumileds 5050 LED Chip.
- 3.Aluminum lamp housing excellent structure for heat dissipation.
- 4.The surface of lamp housing is anti-corrosion and electrophoresis processed,can be used at seaside.
- 5.Dust-proof,moisture proof and waterproof ,IP68 rated.
- 6.Excellent optics design,higher luminous efficiency.
- 7.Compare to traditional lamps can save energy 70%-80%.
- 8.5 years warranty.



EA-LD-XXXW-S3

## 2 > FEATURES

1. Beam angle: T2M/T3M/T4M/T5M
2. It's major to replace the traditional street light.
3. Green, energy saving, long and reliable life of 100,000 hours.
4. NO RF interference, No IR/UV radiation, no mercury pollution.
5. Wide colour availability in degrees Kelvin(K), 2700-6700K.
6. Streamline exterior design, beautiful appearance.
7. Environment friendly, energy saving (70%~ 80%).
8. Special circuit design, each LED work separately, avoiding the single broken LED influence problem.
9. Die cast aluminum lamp housing which maximize the performance of heat dissipation to the best.



5050 SMD LED



Die-casting aluminum Housing



UL listed power supply

## 3 > APPLICATION

It can be widely used in Street lighting, Parking lot, Architectural decorative lighting, squares, construction sites, buildings, etc

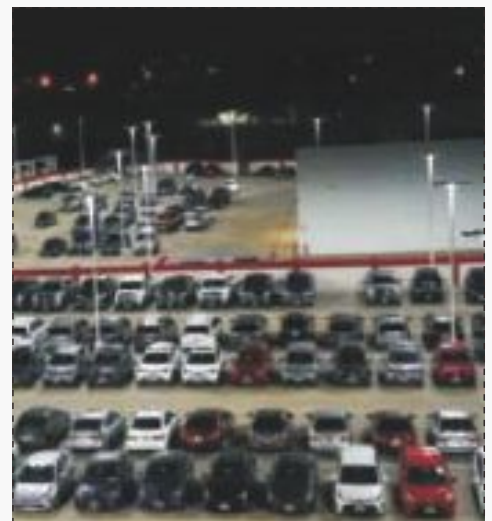
- 1. Area Lighting/Street lighting.
- 2. Parking lot Lighting
- 3. Architectural decorative lighting.
- 4. Roadway Lighting
- 5. Stadium Lighting



○ Stadium



○ Roadway Lighting



○ Parking lot Lighting

| Power                                   | 20W  | 30W           | 40W           | 50W           | 60W           |
|---|--|---------------|---------------|---------------|---------------|
| <b>Model</b>                            | EA-LD-20W-S3   | EA-LD-30W-S3  | EA-LD-40W-S3  | EA-LD-50W-S3  | EA-LD-60W-S3  |
| <b>Luminous Flux</b>                    | 2600lm   | 3900lm        | 5200lm        | 6500lm        | 7800lm        |
| <b>Dimension</b>                        | 560x200x98mm   | 560x200x98mm  | 560x200x98mm  | 560x200x98mm  | 610x245x98mm  |
| Power                                   | 70W  | 80W           | 90W           | 100W          | 120W          |
| <b>Model</b>                            | EA-LD-70W-S3   | EA-LD-80W-S3  | EA-LD-90W-S3  | EA-LD-100W-S3 | EA-LD-120W-S3 |
| <b>Luminous Flux</b>                    | 9100lm   | 10400lm       | 11700lm       | 13000lm       | 15600lm       |
| <b>Dimension</b>                        | 610x245x98mm   | 610x245x98mm  | 610x245x98mm  | 610x245x98mm  | 660x245x98mm  |
| Power                                   | 150W   | 200W          | 250W          | 300W          | 320W          |
| <b>Model</b>                            | EA-LD-150W-S3  | EA-LD-200W-S3 | EA-LD-250W-S3 | EA-LD-300W-S3 | EA-LD-320W-S3 |
| <b>Luminous Flux</b>                    | 19500lm  | 26000lm       | 32500lm       | 39000lm       | 41600lm       |
| <b>Dimension</b>                        | 660x245x98mm   | 712x300x98mm  | 714x340x98mm  | 714x340x98mm  | 714x340x98mm  |
| <b>Beam Angle</b>                       | T2M/T3M/T4M/T5M  |               |               |               |               |
| <b>Materials</b>                        | Aluminum alloy + PC Transparent Cover+ Tempered glass  |               |               |               |               |
| <b>Luminous Efficacy</b>                | 130lm/W 150lm/W;170lm/W Available  |               |               |               |               |
| <b>Operation Temp</b>                   | -40 to +55°C   |               |               |               |               |
| <b>CCT</b>                              | 2700K SW / 3000K WW / 4100K NW / 5000K DW / 5700K CW / 6500K SCW   |               |               |               |               |
| <b>CRI</b>                              | 85   |               |               |               |               |
| <b>Life Span</b>                        | 100,000 Hours at 25°C  |               |               |               |               |
| <b>Voltage</b>                          | 100-277VAC/50-60Hz,200-480VAC/50-60Hz  |               |               |               |               |
| <b>Driver</b>                           | UL listed power supply   |               |               |               |               |
| <b>Dimming</b>                          | Available  |               |               |               |               |
| <b>Sensor</b>                           | Timmer Control,Motion Sensor,Photocell Sensor,3 in 1 dimming, Wifi Zigbee Connect, photocell+timmer control,3 step dimming, GPRS,3G/4G,Blue tooth, PLC and smart motion sensor. NEMA Controller, Data Concentrator |               |               |               |               |
| <b>Microwave sensor default setting</b> | Someone brightness 100%, microwave sensitivity 75%, hold time 5 minutes, start illumination 50LUX, continuous brightness 30%, the duration of 30 minutes.  |               |               |               |               |
| <b>IK Rating</b>                        | IK 10  |               |               |               |               |
| <b>Luminous Source</b>                  | 3030 SMD LED or 5050 SMD LED   |               |               |               |               |
| <b>IP rating</b>                        | Ip68   |               |               |               |               |
| <b>PF</b>                               | >0.95  |               |               |               |               |
| <b>Warranty</b>                         | 5 Years  |               |               |               |               |

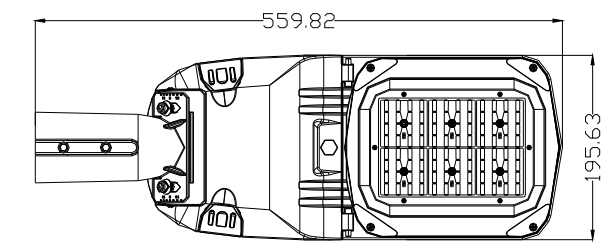
Ordering Information:

| Area Series | Watts |      | Version | CCT       | Voltage                            | Control  | Beam Angle               | Pole Connector | Color   |
|-------------|-------|------|---------|-----------|------------------------------------|--|--------------------------|----------------|---|
| EA-LD       | 20W   | 30W  | S3      | 2700K SW  | Blank-100-277VAC<br>HV- 200-480VAC | Blank - Without control<br><br><b>Available-</b><br>Timmer Control<br>Motion Seonsor<br>Photocell Sensor<br>NEMA Controller<br>Data Concentrator | T2M<br>T3M<br>T4M<br>T5M | 60mm           | <b>Blank-Silver</b><br><br><b>Available-</b><br>Black |
|             | 40W   | 50W  |         | 3000K WW  |                                    |  |                          |                |   |
|             | 60W   | 70W  |         | 4100K NW  |                                    |  |                          |                |   |
|             | 80W   | 90W  |         | 5000K DW  |                                    |  |                          |                |   |
|             | 100W  | 120W |         | 5700K CW  |                                    |  |                          |                |   |
|             | 150W  | 200W |         | 6500K SCW |                                    |  |                          |                |   |
|             | 250W  | 300W |         |           |                                    |  |                          |                |   |
|             | 320W  |      |         |           |                                    |  |                          |                |   |

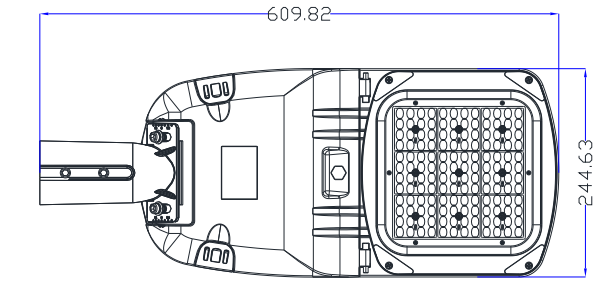
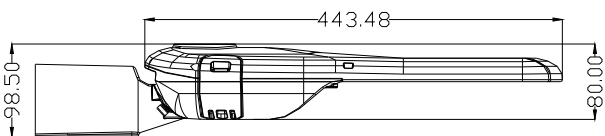
Notes: For OEM&ODM orders, pls inquiry sales team.

5 > SPECIFICATIONS

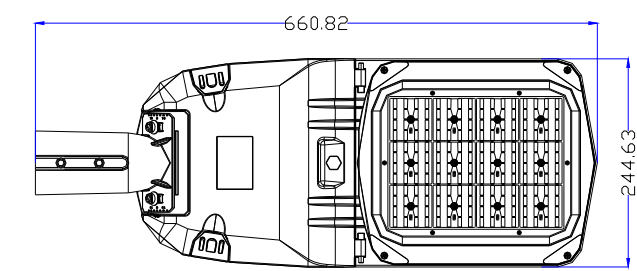
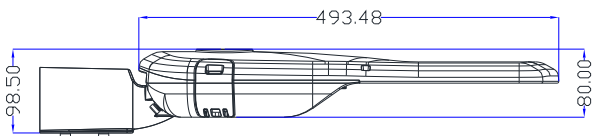
UNIT : mm



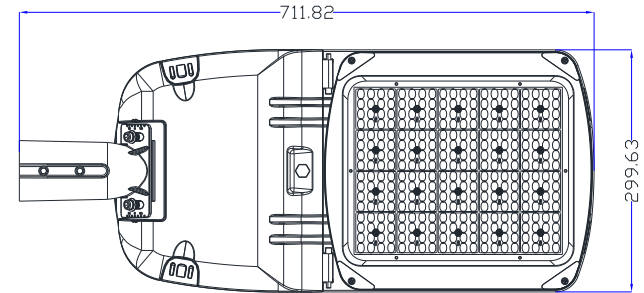
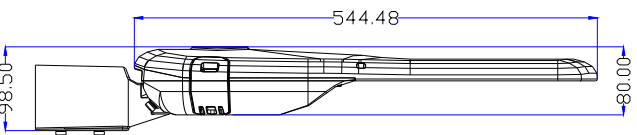
20/30/40/50W



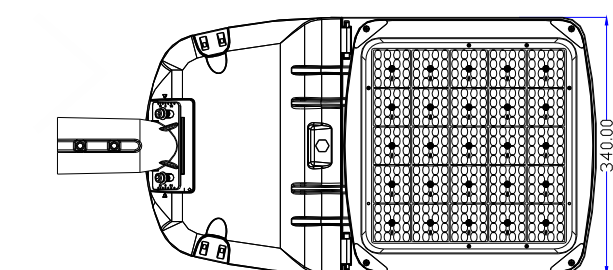
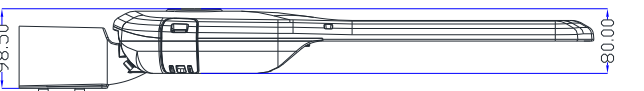
60/70/80/90/100W



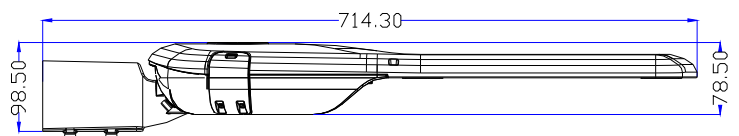
120/150W



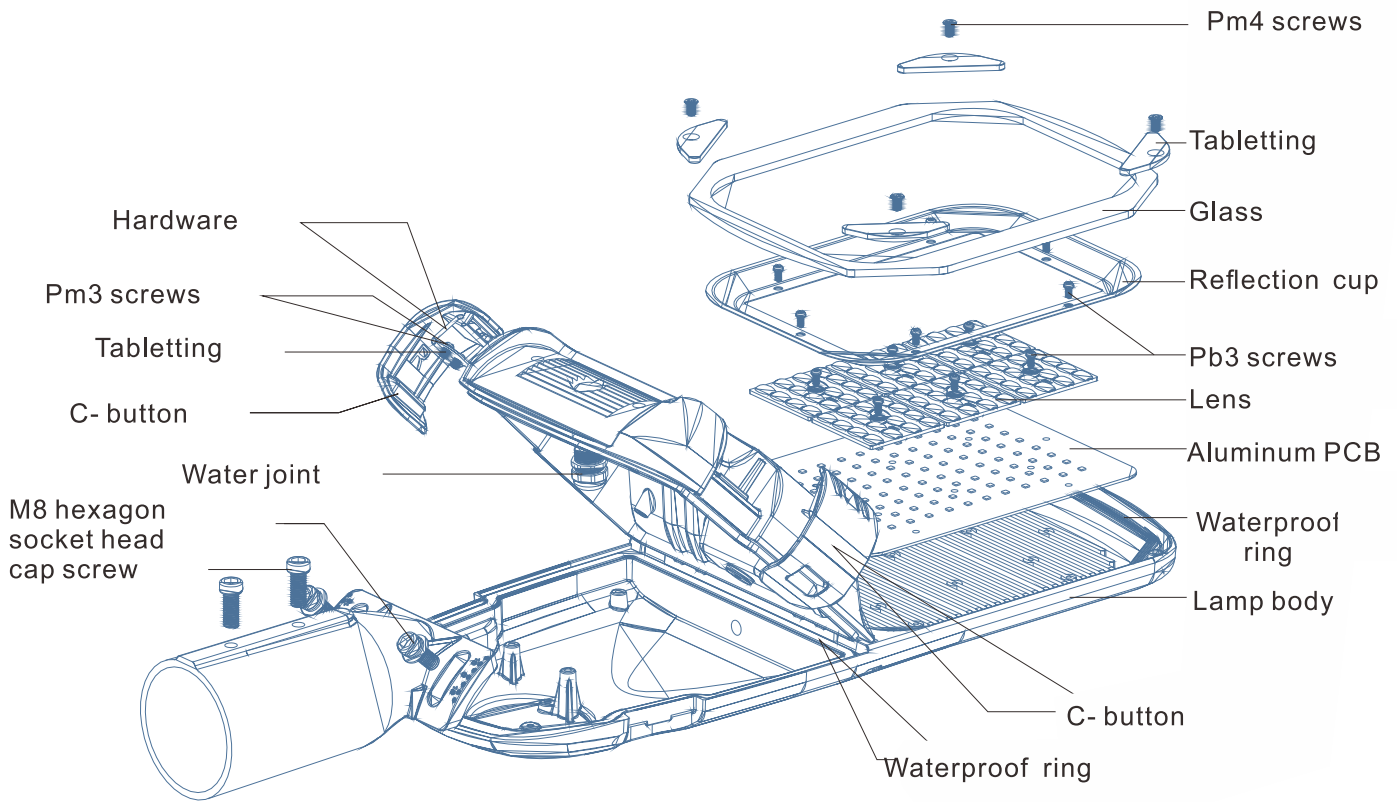
200W



250/300/320W



## 6 > PRODUCT BREAKDOWN STRUCTURE



## 7 > LUMINOUS INTENSITY DISTRIBUTION



### Type II

Two Driveway  
Driveway Entrance  
Urban Main Roads

### Type III

Three Driveway  
Highway  
Parking Lot/Area

### Type IV

Four Driveway  
Parking Lot/Area

### Type V

Square Parking  
Lot/Area

## OPTIONAL ACCESSORIES



NEMA Controller



Data Concentrator



Remote Control



## 8 > PROJECTS

By using our 100W LED Light to replace 300W Metal Halide bulb for Roadway lighting, the customer is now able to save a lot per month from his electric bill.



Replace

100W LED = 300W MH



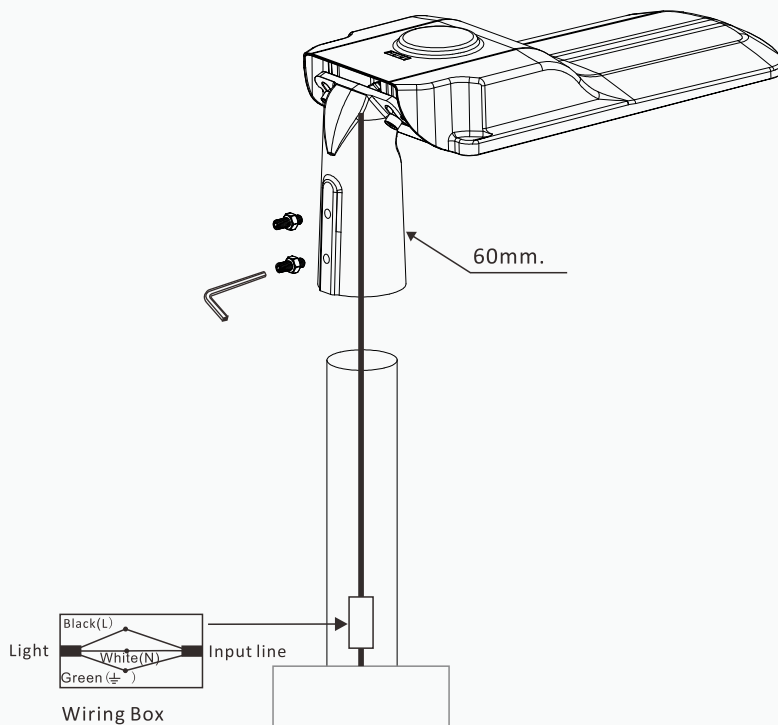
### Note :

- Don't take the LED lamp apart.
- The LED lamp must work under the right voltage according to the specification.

## 9 > INSTALLATION

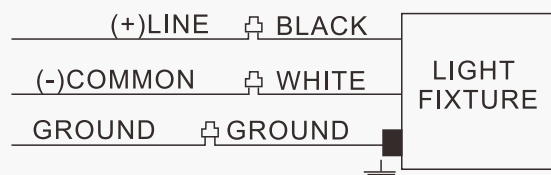
### Pole mounting

- Turn off the power before installation.
- Wiring right in the wiring box ("Black" is connected to "L", "White" connect to "N", "Green" to "Ground") and set the lamp into the bracket by the hole.
- We should fasten the four screws with a hex wrench, and finished.



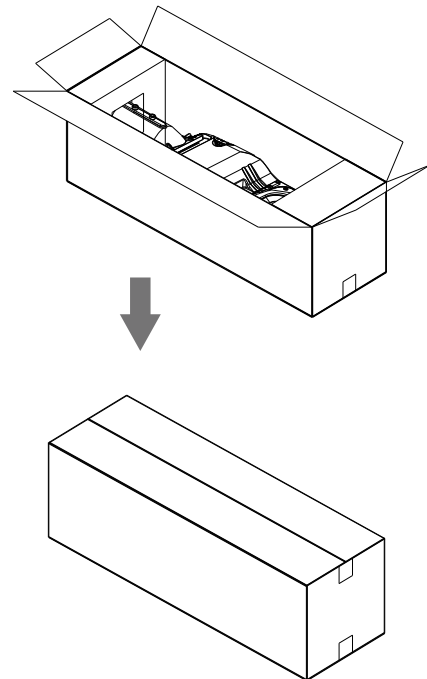
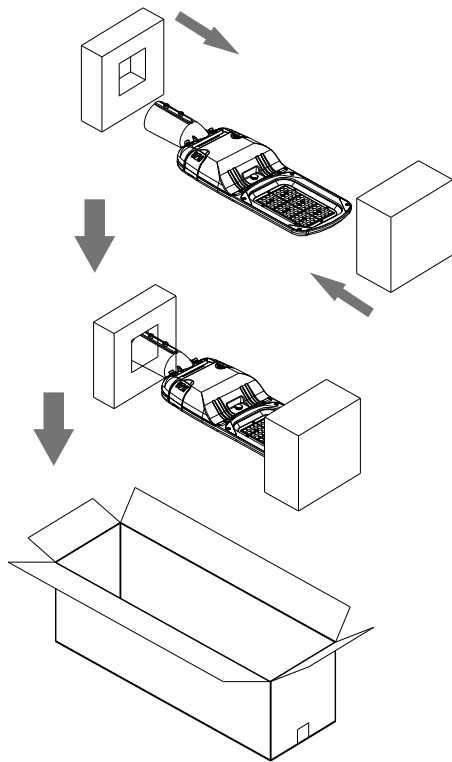
### Wiring

- Connect the black fixture lead to the (+) LINE supply lead.
- Connect the white fixture lead to the (-) COMMON supply lead.
- Connect the green Ground wire from fixture to supply ground.



10 > PACKING INFO

| Model            | Packaging | Carton Size(mm)<br>(L*W*H) | N.W   | G.W   |
|------------------|-----------|----------------------------|-------|-------|
| 20/30/40/50W     | 1pc/CTN   | 595*225*160mm              | 2.8kg | 3.5kg |
| 60/70/80/90/100W | 1pc/CTN   | 645*275*160mm              | 3.5kg | 4.3kg |
| 120/150W         | 1pc/CTN   | 695*275*160mm              | 4.1kg | 5.2kg |
| 200W             | 1pc/CTN   | 745*330*160mm              | 5.9kg | 6.7kg |
| 250/300/320W     | 1pc/CTN   | 750*370*160mm              | 7.8kg | 8.6kg |





# TEST REPORT

|  |  |
|--|--|
| <b>Kunde:</b><br><i>Client:</i>                                  | SC EURO-AUDIT SERVICE SRL  |
| <b>Adresse:</b><br><i>Address:</i>                               | TARGOVISTE CITY, CALAFAT STREET NO. 7, DAMBOVITA COUNTY, 130142<br>ROMANIA                       |
| <b>Hersteller:</b><br><i>Manufacturer:</i>                       | Shenzhen Bbier Lighting Co., Ltd.  |
| <b>Adresse:</b><br><i>Address:</i>                               | 4/F, No. 37, KENGWEI AVE., SHIYAN STREET, BAOAN DIST., SHENZHEN,<br>518108 Guangdong, P.R. CHINA |
| <b>Name der Marke:</b><br><i>Brand Name:</i>                     | N/A  |
| <b>Beschreibung des Produkts:</b><br><i>Product Description:</i> | LED Street Light   |
| <b>Modelle:</b><br><i>Models:</i>                                | See model list on page 2 to page 3   |
| <b>Bewertung:</b><br><i>Rating:</i>                              | AC 200-240V, 50/60Hz, Max. 320W  |
| <b>Verfahren:</b><br><i>Method:</i>                              | Clause 9 of IEC 60598-1:2020   |
| <b>Prüfergebnis*:</b><br><i>Test result*:</i>                    | Pass   |

|   |   |   |   |
|---|---|---|---|
| <b>Datum der Prüfung:</b><br><i>Date of Test:</i> | <b>Datum der Emission:</b><br><i>Date of Issue:</i> | <b>Klassifizierung:</b><br><i>Classification:</i> | <b>Gegenstand der Prüfung:</b><br><i>Test item:</i> |
| 2022/7/18   | 2022/7/18   | Commission Test                                   | IP68(2m 1h) Test                                    |

**Prüflabor (Testlabor) / Testing Laboratory:**  
Shenzhen Southern LCS Compliance Testing Laboratory Ltd.

|   |   |   |
|---|---|---|
| <b>Test von/Test by:</b><br><i>Anther Ruan</i><br>Anther Ruan/ Project Engineer | <b>Check von/Check by:</b><br><i>Torres He</i><br>Torres He/ Director | <b>Genehmigt von/Approved by:</b><br><i>Jesse Liu</i><br>Jesse Liu/ Manager |
|---|---|---|

**Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.**

*Remark: The duplication of this report or parts of it and its use for advertising purposes is only allowed with permission of the testing laboratory. This report contains the result of examination of the product sample submitted by the appliance. A general statement concerning the quality of the products from the series manufacturer cannot be derived therefore.*





## TEST REPORT

|   |   |  |  |
|---|---|--|--|
| <b>Kunde:</b><br>Client:                                  | SC EURO-AUDIT SERVICE SRL   |  |  |
| <b>Adresse:</b><br>Address:                               | TARGOVISTE CITY, CALAFAT STREET NO. 7, DAMBOVITA COUNTY, 130142 ROMANIA                       |  |  |
| <b>Hersteller:</b><br>Manufacturer:                       | Shenzhen Bbier Lighting Co., Ltd.   |  |  |
| <b>Adresse:</b><br>Address:                               | 4/F, No. 37, KENGWEI AVE., SHIYAN STREET, BAOAN DIST., SHENZHEN, 518108 Guangdong, P.R. CHINA |  |  |
| <b>Name der Marke:</b><br>Brand Name:                     | N/A   |  |  |
| <b>Beschreibung des Produkts:</b><br>Product Description: | LED Street Light  |  |  |
| <b>Modelle:</b><br>Models:                                | See model list on page 3 to page 4  |  |  |
| <b>Bewertung:</b><br>Rating:                              | AC 200-240V, 50/60Hz, Max. 320W   |  |  |
| <b>Verfahren:</b><br>Method:                              | IEC 62262:2002  |  |  |
| <b>Prüfergebnis*:</b><br>Test result*:                    | Pass  |  |  |
| <b>Datum der Prüfung:</b><br>Date of Test:                | <b>Datum der Emission:</b><br>Date of Issue:  | <b>Klassifizierung:</b><br>Classification: | <b>Gegenstand der Prüfung:</b><br>Test item: |
| 2022/7/18   | 2022/7/18   | Commission Test                            | IK10 Test                                    |

**Prüflabor (Testlabor) / Testing Laboratory:**  
Shenzhen Southern LCS Compliance Testing Laboratory Ltd.

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