# LED Street Light

## A5
### ·Universal Application



OUTDOOR

## LED Street Light
A5



TÜV Rheinland Product Safety  GS geprufte Sicherheit  (Applying)  D  CE  RoHS  IP 66  10 Years Warranty

# 1.Features

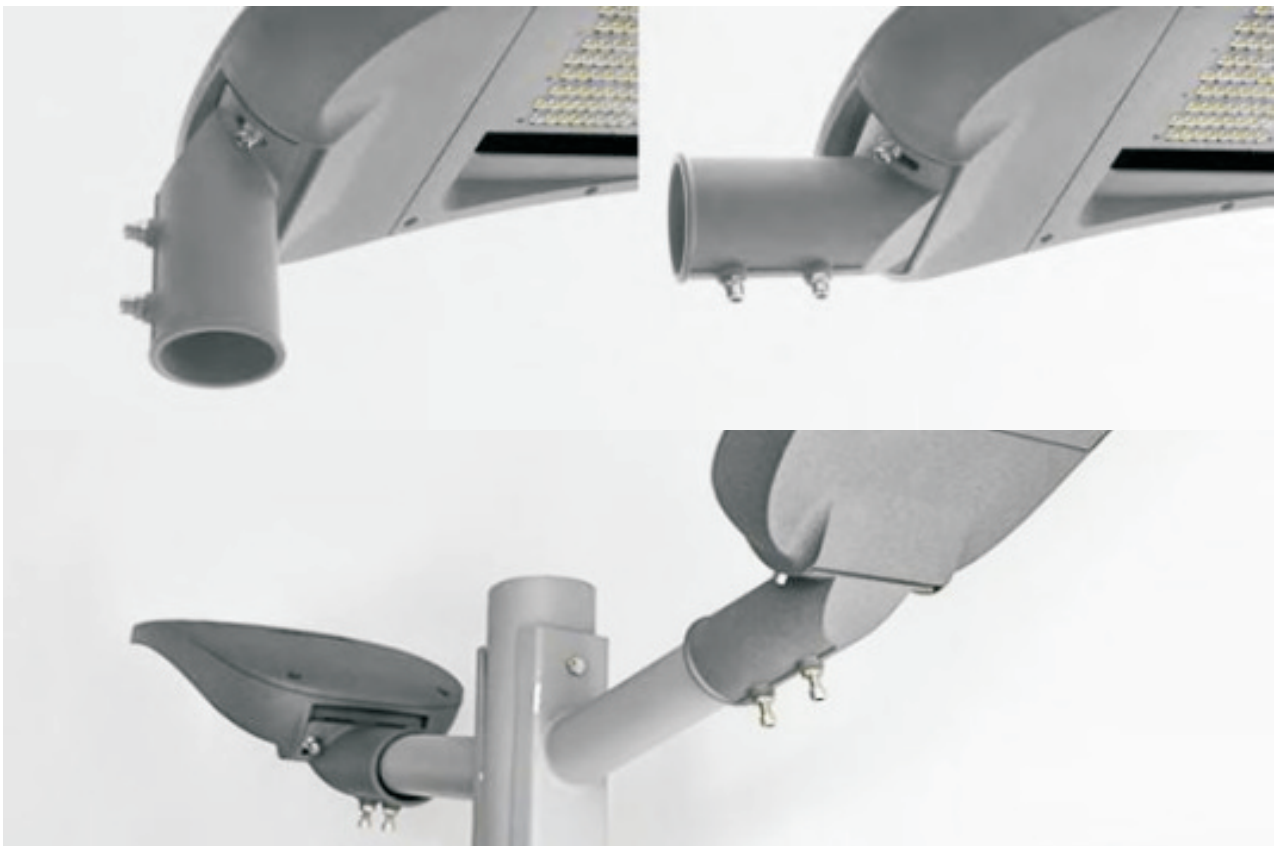-Lifetime over 50.000 hours.

-10 Years warranty

-Environmentally friendly alternative to traditional lighting.

-Resistant to ambient temperatures up to 60°C.

-High Power LEDs.



IP66    10 years warranty

# 2.Parameter

| Item Code | Power | Lumens | Lm/W | Leds |
|---|---|---|---|---|
| LU-ST-50W | 50 | 6000 | 120 | Philips 3030 |
| LU-ST-80W | 80 | 9600 | 120 | Philips 3030 |
| LU-ST-100W | 100 | 12000 | 120 | Philips 3030 |
| LU-ST-150W | 150 | 18000 | 120 | Philips 3030 |
| LU-ST-200W | 200 | 24000 | 120 | Philips 3030 |
| | | | | |
| LU-ST-50W | 50 | 7500 | 150 | Philips 5050 |
| LU-ST-80W | 80 | 12000 | 150 | Philips 5050 |
| LU-ST-100W | 100 | 15000 | 150 | Philips 5050 |
| LU-ST-150W | 150 | 22500 | 150 | Philips 3030 |
| LU-ST-200W | 200 | 30000 | 150 | Philips 5050 |

# 3.Technical Specifications

| | |
|---|---|
| Model: | A5 Series |
| Applications: | Roads, cycle paths, residential areas, parking lots, industrial sites |
| Mounting: | Adjustable bracket |
| Brand of led chip: | Philips 3030 / Philips 5050 |
| Color: | Grey / Silver |
| Input Voltage: | 198-264VAC 50-60HZ / AC90-305V 50-60HZ |
| Ambient temperature: | -30℃ ~ +60℃ |
| Cable Length: | 30cm 3G1.0 cable |
| Watts: | 20W, 30W, 40W, 50W, 80W, 100W, 150W, 200W |
| Beam Angle: | type 2m / type 3m / type 4s / 90° / 60° |
| Luminous Efficiency: | 120Lm/W;  150Lm/W |
| | |
| Driver: | Meanwell / Sosen-H |
| LED load: | 150mA |
| Lumen maintenance: | > 50,000hours |
| Other Functions: | DALI dimmable / 0-10V dimmable, camera, PIR or photocell are all available |
| | |
| Protection Rate: | IP66 |
| IK class: | 10 |
| Colour Temperature: | 3000k / 4000k / 6000k |
| Packing unit: | 1 piece |
| Quality certificates: | TUV-GS, SAA, CB, CE, ROHS |
| Warranty: | 10 years |

# 4.Introduction

## Street Light

LED street lighting is increasingly used for lighting roads, cycle paths, residential areas, around public buildings, business parks, parking lots, etc. By placing the A5 Series streetlights fixtures, light pollution and energy consumption can be reduced. Completely designed, this makes it also possible to produce custom luminaires which meets all the requirements of a project.



## Philips 3030 & Philips5050

The A5 Series are equipped with the most reliable LEDs available. These High-power LEDs do not suffer from the same lumen depreciation and chromaticity shift issues as plastic-packaged low- and mid-power LEDs. The A5 Series have demonstrated superior lumen maintenance and color stability in the majority of lighting applications, and can deliver on the promise of long-term color, cost, and energy-saving performance.



## MeanWell Driver

The A5 Series street lights are designed for maximum flexibility. Assembled with a programmable DALI or 1-10V driver inside the A5 Series are the choice for customers who want to make their luminaires suitable for many applications. 5-step Dyna Dimmer, Constant Light Output, Module Temperature Protection can be integrated.DALI or 1-10V Drivers are specifically designed to deliver reliable performance and protection while meeting the strict performance, approbation and application requirements.
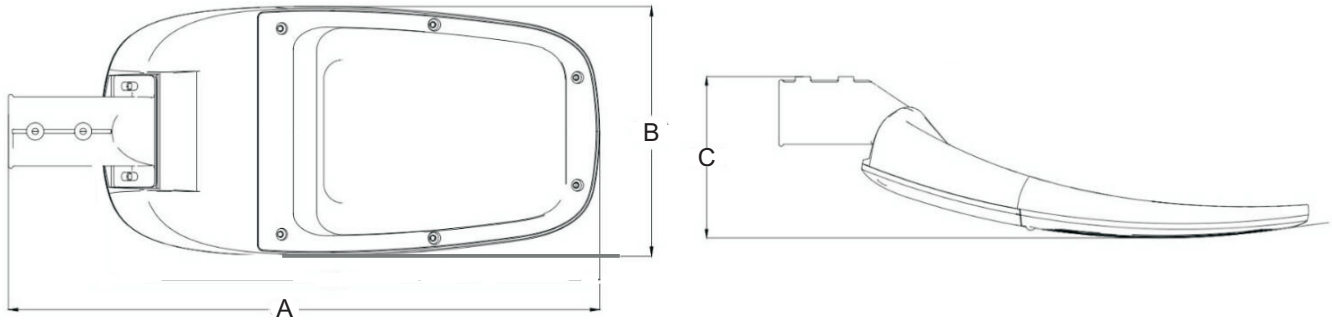


## High Quality

Completely designed in the Europe, by using only components and parts of the highest quality the A5 Series has an exceptional life time, low maintenance and high energy efficiency with an excellent lighting quality.
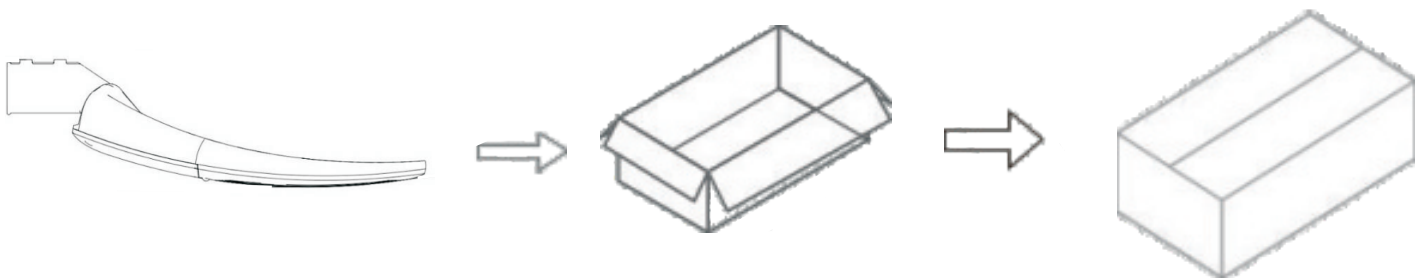
# 5.Product Dimension

| Item Code | Size A(mm) | Size B(mm) | Size C(mm) |
|---|---|---|---|
| LU-ST-50W | 507 | 210 | 143 |
| LU-ST-80W | 616 | 259 | 186 |
| LU-ST-100W | 616 | 259 | 186 |
| LU-ST-150W | 676 | 303 | 186 |
| LU-ST-200W | 753 | 366 | 198 |

# 6.Packaging



| Item Code | Carton Size(mm) | G.W./CTN(kg) |
|---|---|---|
| LU-ST-50W | 550*240*255 | 3.17 |
| LU-ST-80W | 680*295*150 | 5.27 |
| LU-ST-100W | 680*295*150 | 5.27 |
| LU-ST-150W | 750*355*165 | 6.63 |
| LU-ST-200W | 920*430*210 | 10.5 |