

## S3 Type LED Street Light



### KEY FEATURES

- 1.High efficiency UL Certification Driver.
- 2.It's major to replace the traditional street light.
- 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.

### FEATURES

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

### 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

## PERFORMANCE DATA

<b>Power</b>	10W – 320W
<b>Model</b>	EA-LD-010-S3 – EA-LD-320-S3
<b>Luminous Flux</b>	1600 lm – 51200 lm the total luminous flux of the lighting device is determined by the number of LEDs and/or the current applied to the LED terminals
<b>Dimension</b>	According IP test report
<b>Weight</b>	3.5 Kg – 6.9 Kg
<b>Beam Angle</b>	T2M/T3M/T4M/T5M
<b>Light distribution</b>	Specific distribution for pedestrian crossings and is not influenced by the occurrence of defects on some of the LEDs; each of the LEDs has the same type of specific lens associated with it,
<b>Materials</b>	The case is made of die-cast aluminum, transparent diffuser, made of safe flat glass, thermally treated, thickness 5 mm resistant to thermal and mechanical shocks according to UNI EN 12150-1 The thermal management is done without striations or cutouts The electrical accessories compartment and the optical compartment are separate enclosures. Both compartments allows opening for maintenance operations. The diffuser is not glued to the case of lamp. The electrical accessories compartment is provided with a device to keep the cover open. The LED board is fixed directly to the case of the lighting device. Thermally conductive aluminum radiator The lamp is equipped with a level bubble and ventilation valve
<b>Luminous Efficacy</b>	160 lm/W
<b>LED</b>	minimum 10 LEDs, the electrical accessories compartment and the optical compartment have separate enclosures, the LED board is equipped with a sensor that controls the reduction of the light flux. LED board is removable. The LED board is powered via quick connectors.
<b>Glare Index</b>	D3
<b>Yield</b>	89%
<b>Operation Temp</b>	-40to+55°C
<b>CCT</b>	4000K
<b>CRI</b>	R <sub>a</sub> ≥70
<b>Life Span</b>	100,000 Hours at 25°C
<b>Voltage</b>	100-277VAC/50-60Hz,200-480VAC/50-60Hz 6A fuse
<b>Protection</b>	Protection against discharges and atmospheric overvoltages up to 12 KV Equipped with bayonet type connector The lamp is equipped with protection against switching overvoltage, overload, short circuit and overheating.
<b>Driver</b>	UL listed power supply, DALI2 and D4i, equipped with CLO
<b>Dimming</b>	Available, allows dimming in ranges from 10-100%,
<b>Sensor</b>	Timmer Control, Thermal sensor, 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. Zhaga Controller, Data Concentrator
<b>Micro wave 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>IP rating</b>	Ip68
<b>Class</b>	I
<b>PF</b>	>0.95
<b>Montage</b>	The mounting system allows mounting on the arm or on the top of the pole and adjustable tilt. In the case of mounting on the arm, adjustable tilt: - 30°, - +30°, and in the case of mounting on the top of the pole: - 10°, - +30° Adjusting the tilt of the device on the arm will be done without opening it. The device is equipped with a level bubble.
<b>Colour</b>	The device is delivered in any RAL color
<b>Warranty</b>	5 Years

