



**SUNMASTER SLD42 SERIES  
STREET & ROADWAY LIGHT**



## Product Benefits

### **SUPERB DESIGN**

In combination of years experience in street and parking lot lighting, the **Sunmaster SLD42 series** LED Street Light, designed by experienced expert and controlled by strict **quality system**, **integrate** durable structure and **perfect design** to keep its lifespan long, energy consumption **low** and **costs down**.

**Sunmaster SLD42 series** meets a vast majority of challenging roadway and street lighting application and optimize its lighting performance beyond the previous products.

With the robust die-cast aluminum and temper glass can prevent the invasion of the external environment efficiently.



### **✓ RELIABLE LED LIGHTING TECHNOLOGY**

#### **- USA BridgeLux**

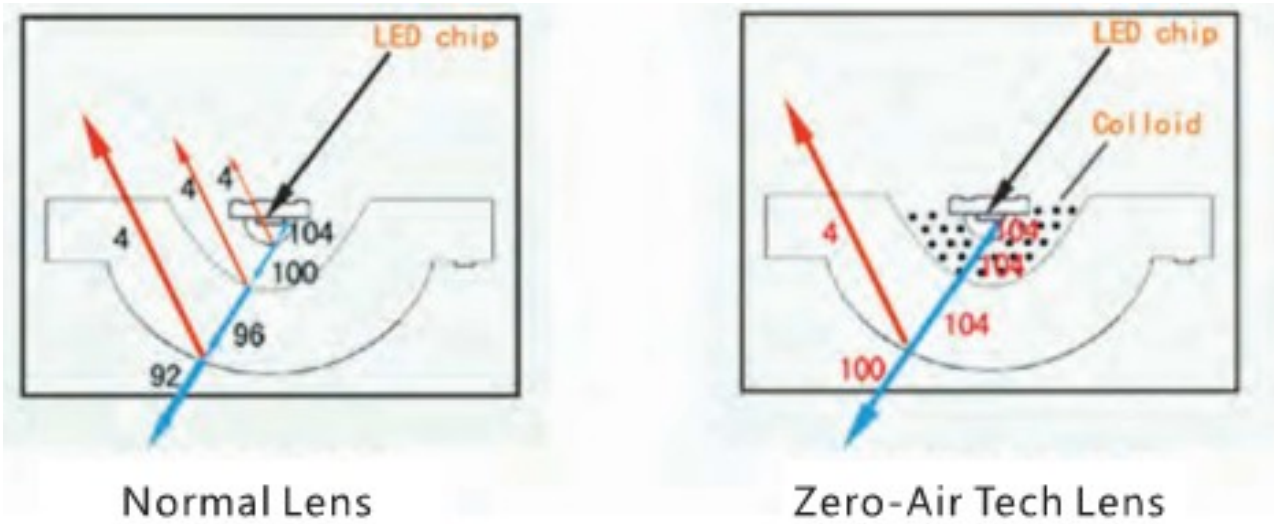
Adoption **USA Bridge Lux** light source. Compared with similar products, the luminous efficiency can be rose **8%** and light transmittance up to **98%**.

**Sunmaster SLD42 series** has been optimized for soft and uniform light without glare to deliver high CRI for better visual fidelity. Perfect heat management delivers.



## HIGH TRANSMITTANCE RATE OF LENS

Adoption of Led power developed “**adaptable collide tech**” to achieve “**zero air**” space between LED and Lens, make up the loss of light reflected through different media, almost zero light loss.



## PROTECT THE LED SOURCE

Robust **die-cast aluminum** housing with epoxy primer powder coating finish provides excellent resistance to corrosion and aging.

Finned sink design enhance the heat dissipation performance in smart way to extend the luminaire lifespan



## TEMPERATURE CONTROL

**Sunmaster SLD42 series** is designed with superb heat radiation technique. The heat and air can go through the whole luminaire via the gaps between the modules. This product cleans ability. When the rain came, the fixture will be washed and the dirt automatically goes out.

By the excellent heat radiation ability, the temperature rising of **SLD42** street light is only **< 22°C**. And the lamp can work in the environment from **-30°C** to **70°C**. If the environment is **40°C**, the maximize temperature on the lamp is **62°C**. But the **USA Bridge lux LED** chips can afford **110°C**. This ensure the long lifespan and performance of the whole luminaire.



## Technical Details

General Specification	
Model	SLD42-65W
Wattage	65W
Voltage	24V DC
Brand Chip	USA Bridge Lux
Power Factor (PF)	> 0.98
Driver Efficiency	> 92%
Working Temp.	-30°C to 70°C

Photo-metric Specification	
Luminous Flux	11628lm
LED Chip Efficiency	> 170lm/watt
CRI	> 70Ra
CCT	4000K
Optional Beam Angle	70*150°

Mechanical Specification	
IP & IK Rating	IP67 & IK10
Life time	100,000 hours
Body	Die Casting Aluminum
Coating type	Epoxy coat primer finishing & Powder top-coat
Coating thickness	100-200 Microns
LED module Q'ty	2 modules
Lens Type	ZAG PC
Lens Transmittance	> 92%
Fixture Dimension	621*310*84mm
Carton Dimension	475*360*130mm
Fixing hole size	Diameter 65mm
Net Weight	5.4 Kgs
Gross Weight	6.0 Kgs

