



DELPHINUS SERIES

SPECIFICATION



INTRODUCTION

DELPHINUS Series is the best alternative for traditional street and area lighting with quick payback, improved performance and preventing light pollution. This fixture is easy in installation, from 50 wattage to 200 wattage and also with other competitive features as below

- Powder-coated aluminum housing
- Tool free access to LED driver
- Protection switch connector
- IP66 (EN60529 compliant) rated water-proof
- Optional photocell daylight sensor
- Smart Wireless control
- Free Dialux Simulations



SPECIFICATIONS

Input Voltage	AC200-240V, 50/60HZ	Housing	Aluminum
LED Brand	SMD 5050	L90 Hour	>100,000 H
CRI	70 80 90	Driver brand and Model	Sosen (SS-50VP-56DH)
Operating Temp	-40°C to 55°C	Dimming Solutions	0-10v Dimming, DALI
Power Factor	>0.95	CCT	4000K
Warranty	5 yrs warranty	Wireless Control	Available
IP Rate	IP66/IK10	Surge Protection	10kv
Beam Angle	155°*80°	Protection Class	I
Sensor	Motion Sensor; daylight Sensor; Zigbee Technology		
LED chip model	TS1-E50YL-1001		

MODEL	SG-DPH-50W	SG-DPH-70W	SG-DPH-100W	SG-DPH-120W	SG-DPH-150W	SG-DPH-200W
MODEL QTY	1	1	1	1	1	1
POWER	50W	70W	100W	120W	150W	200W
LUMEN OUTPUT	7500LM	10500LM	15000LM	18000LM	22500LM	30000LM

remark: lumen output vary by the beam angles, CCT, CRI, etc, please contact us to get more specific data if needed

- **SOGA Complete Wireless Control System**

SOGA Complete Wireless Control Solution is designed to provide our clients not only a smart lighting solution but also a streamlined installation, trouble-free operation, and long-term reliability on the outdoor projects.

- **Tempered Glass Cover**

Avoid the inside PC lens got yellowed after long-time usage under the UV light of the sun which will lower the lighting transmittance.

Smooth Back Cover Design

Effectively prevent the dust or bird droppings from accumulating.

- **6063 Die Casting Aluminum Housing**

Durable and stable in rugged environment
self cleaning lamp body

- **Tool-Free Maintenance**

while when the driver box got opened, the breaker inside will work automatically and cut off the electricity to ensure the safety. Save a lot of time and cost on maintenance safely



- **High Lumen Output**

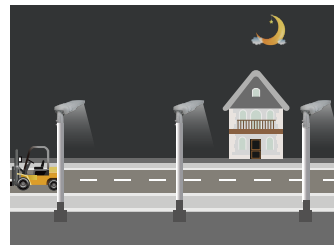
150lm/w lumen efficiency with high-quality Lumileds Chips is our standard version 170lm/w version can be customized to meet higher lux needs.



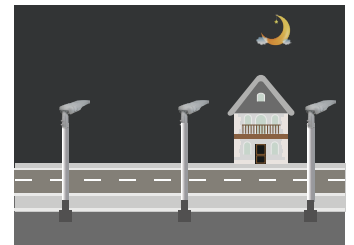
when sufficient ambient light, the light will not be switched on even if with motion signal.



With insufficient ambient light, the sensor switches on the light when motion is detected.



After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.



After elapse of standby period, the sensor switches off the light if no motion is detected in the detection zone.

OPTIONAL ACCESSORIES



2 in 1 sensor

Daylight Sensor

10KV SPD

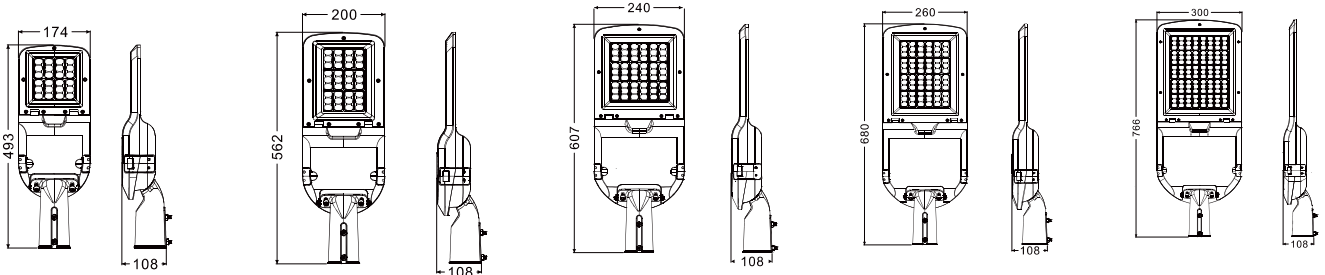
Zigbee Gateway

Zigbee Controller

Zigbee Wall Switch

NEMA Socket(3/5/7pin)

PRODUCT SIZE



SG-DPH-50W

SG-DPH-70W

SG-DPH-100W-120W

SG-DPH-150W

SG-DPH-200W

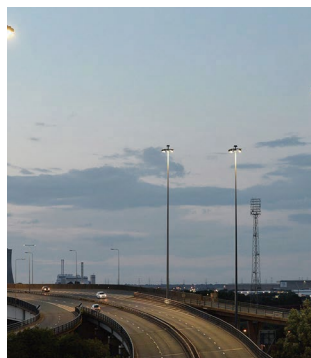
APPLICATION



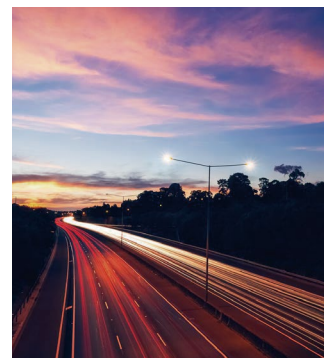
Secondary Roads



Expressways



Major Roads



Highways