SWIFT SERIES

ASL11

Our SWIFT SERIES makes an affordable LED road lighting solution that ensures sufficient light on your roads &streets. The SWIFT SERIES street light family provides your city with a flexible lighting system which can be deployed anywhere in urban spaces, highways and rural areas -our luminaires provide the optimal light for all application areas. This model is an IP66 protection level, anti-collision level IK08, and IK09 anti-collision level can be customized. As it support changing the lens angle, it can achieve different light distribution types for different projects. And this modal is compatible with built-in light sensors, installation of NEMA bases and Zhaga bases, and fits with all external controllers, motion sensors, and external light sensors.

Citizen well-being and connectivity are key players in the game of differentiation among cities all over the world. And a way to achieve these goals is lighting. Lighting up street and roads enhances the comfort, security and overall safety of our rapidly growing urban environments.

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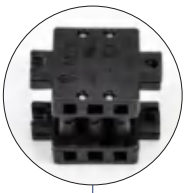
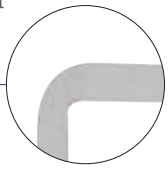


Breaker

Blocking or penetrating an overloaded circuit



Silica Gel

Power Supply

Sosen/Moso/Meanwell/Osram/ Inventronics/Philips Optional

Surge Protective Device

Effectively absorb sudden electric energy to protect the connected equipment from damage

Honeycomb Cooling

Motion Sensor

Control the light on and off by monitoring the movement of objects

Lens

Optical with PC lenses with high visual comfort and uniform lighting distribution, multiple optical distribution options

Connector

Top or side fitting Ø50mm ,Ø60mm, Ø76 arm be option, from -15 ° ~ +15 ° angle adjustable

Photocell

Control lights on and off by light intensity

Nema Socket

Optical control can be connected to 3/5/7PIN interface

Zhaga Socket

Connect single lamp controller or mobile monitoring sensor

Technical Data

Led Module

LED Chip Brand	Lumileds | Cree | Epistar plus
LED Chip Type	SMD3030 | SMD5050
Luminous Efficacy	190LM/W
Color Rendering Index (RA)	> 70 | 80 | 90
Color Temperature	2400K | 2700K | 3000K | 4000K | 5000K |
Beam Angle	Type I | Type II | Type III
Number Of Lens	A:4 | 6 Pcs | B:9 Pcs | C:12Pcs | D:16Pcs | E:20Pcs
Life Time	100000 Hours

Electrical Parameters

Power A	40W | 60W
Power B	40W | 60W | 80W
Power C	80W | 100W | 120W
Power D	120W | 150W | 180W | 200W
Power E	200W | 240W
Voltage	AC100-240V
Frequency	50/60Hz
Electrical Class	Class I | Class II
Work Temperature	(-30 °C to 50 °C)
Humidity	10 % to 90%
IP Grade	IP66
IK Grade	IK09
SPD	10KV | 20KV (Optional)

Driver

Brand	Philips | Inventronics | Sosen | OEM |
Power Factor	⩾0.95
Performance	> 90%
IP Grade	IP20 to IP67
THD	< 15%

Materials and Properties

Material Of Shell	Aluminum (ADC12) + Optical Glass
Material Of Lens	PMMA | PC
Color Of Shell	RAL 9022 | RAL7040 etc
Pole diameter (mm)	A:50 | BCDE:60
Size A (mm)	522*197*136
Size B (mm)	600*245*155
Size C (mm)	636*290*155
Size D (mm)	686*290*155
Size E (mm)	760*310*155

Tested according to

ENEC	EN 60598-2-3:2003+A1:2011 used in conjunction with EN IEC 60598-1:2021, EN 62262:2002
CB	IEC 60598-2-3:2002+A1 IEC 60598-1:2020 IEC 60598-2-3:2002, IEC 60598-2-3:2002/AMD1:2011 used in conjunction with IEC 60598-1:2020
CE-LVD	EN 60598-2-3:2003 + A1:2011 EN IEC 60598-1:2021 EN 62471:2008 EN 62493:2015
CE-EMC	EN IEC 55015:2019+A11 EN 61547:2009 EN IEC 61000-3-2:2019+A1 EN 61000-3-3:2013+A1
ROHS	IEC62321-1:2013, IEC62321-3-1:2013 IEC62321-4:2013/AMD1:2017 IEC62321-5:2013, IEC62321-6:2015 IEC62321-7-1:2015, IEC62321-7-2:2017 IEC62321-8:2017

Typical photometric features

L100×60

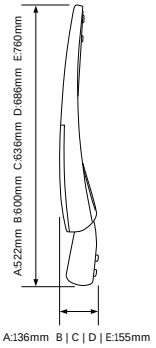
L120×60

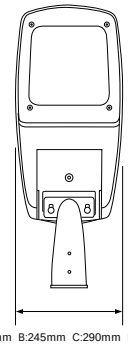
L143×50

L142×64

L147×72

L150×80





Color

■ **Black**

■ **Grey**

■ **Black**

■ **Grey**

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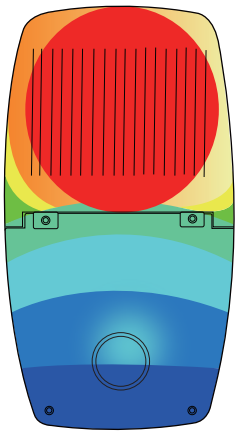
-25°C

+50°C

°C
80.00
75.13
70.26
65.39
60.52
55.66
50.79
45.92
41.05
36.18



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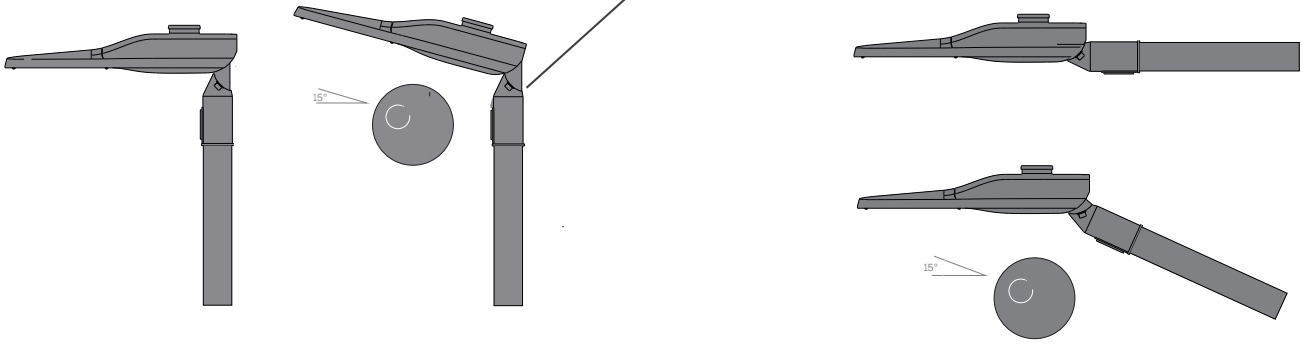
It can be installed horizontally and vertically as shown in the figure. Wide adjustment of the inclination: from -15 ° to + 15 ° in the step of 2.5 °

1. Install the lamp to the pole and tighten the screw.
2.Loosen the connecting rod converter screw and adjust the angle.
3.Tighten connecting rod converter screws.



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