



**Falcon** (SLF) LED STREET LIGHT  
POWER: 20W-70W

OVER YEARS   
**10 EXPERIENCE**  
[www.aokledlight.com](http://www.aokledlight.com)

# > Features of SLF Series

- Power range: from 20W to 70W.
- Efficacy up to 150LM/W, high lumen output, precise light pattern ensures more energy saved.
- Premium optical-grade Mitsubishi polycarbonate lens delivers a high optical efficiency and has superior resistance to age-related deterioration or environmental threats such as heat, cold, sunlight or moisture.
- Micro-lens systems produce IESNA Type II, Type III, Type IV, Type V distributions.
- Excellent uniformity and low glare provide maximum comfort and environmental friendliness.
- Optical systems maintain an IP66 rating. With tempered glass cover.
- Available in 2700K, 3000K, 4000K, 5000K, 5700K, 6500K CCT.
- ULOR =0%, no up-light pollution.
- CRI of 70 Ra, 80 Ra, and 90 Ra optional.
- Anti-UV thermosetting polyester finish. • Rugged, weather-tight design and 3G Vibration ratings ensure durability even in harsh environments.

<b>UP TO</b> <b>150</b> LM/W	<b>L90B10</b> >52000hrs @ 25°C	Working Temperature <b>Environment</b> -40°C~50°C (-40°F~+122°F)	100-277V 200-480V 50/60HZ	<b>THD</b> ≤8%
<b>ULR</b> =0	• 2700K • 3000K • 4000K • 5000K • 5700K • 6500K	<b>CRI</b> 70/80/90	<b>IP66</b> <b>IK08</b>	<b>3G</b> VIBRATION TESTING
<b>SAFETY PROTECTION</b> <b>AUTO CUT-OFF</b>	<b>DIM</b>	<b>DALI CONTROL</b>	<b>TOOL FREE MAINTENANCE</b>	



Hole reserved for sensors installation.

Tool-free installation of driver and LED components. Easy replacement and maintenance.

Automatic cut-off of power supply when the cover is opened.

**5** **10** **WARRANTY**  
5 Year Limited Warranty,  
10 Year Preferred Warranty.  
Please consult with our sales for detailed agreement.

wally@aokledlight.com  
+1 626-986-4050 (US)  
+86 755 2357 9148 (CN)  
@2021 AOK LED LIGHT CO., LTD. All Right Reserved.

# > Photometric Design

- Optimized, premium optical grade Mitsubishi polycarbonate lens, the efficient design of the modules make each light engine highly customizable, allowing the light distribution to be aimed toward the application.
- Optical systems allow for versatility, tight cutoffs, and flexible control for a wide variety of applications.
- We deliver innovation and customization, further expanding the flexibility of the project. Exceptional uniformity and low glare for maximum comfort and neighbor-friendly.

## Distribution Type

TYPE II



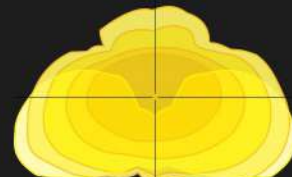
Asymmetric, Type II can be used in long and narrow aisles/lanes/sidewalks.

TYPE III



Asymmetric, Type III can be used in wide road parking areas, or at corner areas.

TYPE IV



Asymmetric, Type IV can be used in wide road parking areas, or at corner areas.

Seoul/LUXEON  
LED Light Source



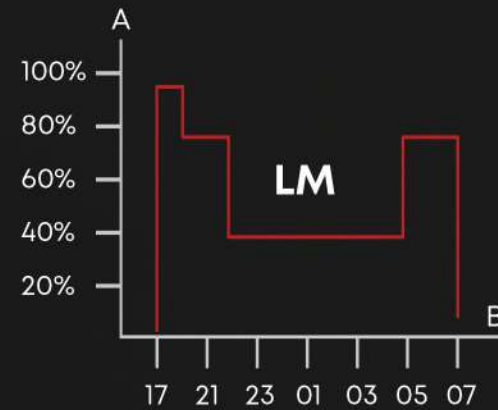
The photometric engine takes advantage of the latest generation of mid-power LEDs and dedicated optics for professional applications. Combined with Seoul/LUXEON that provides an alternative solution for those who are looking for very cost-effective yet efficient lighting while keeping the same luminaire design.

# > Control Systems

## Custom Dimming Profile

Intelligent luminaire drivers can be programmed with complex dimming profiles. With customized combinations of time intervals and light levels are possible. This feature does not require any extra wiring.

The period between switching on and switching off is used to activate the preset dimming profile. The customised dimming system generates maximum energy savings while respecting the required lighting levels and uniformity throughout the night.



## Daylight Sensor / Photocell

Photocell or daylight sensors switch the luminaire on as soon natural light falls to a certain level. It can be programmed to switch on during a storm, on a cloudy day (in critical areas) or only at nightfall so as to provide safety and comfort in public spaces.



## Smart standards. Smarter lighting.

### LoRaWAN® Luminaire Controller Zhaga

It is an easily installable wireless device for remote control of the LED luminaires. Device is equipped with Zhaga compliant connector and controls the luminaire through DALI or DALI-2 interface. Controller is available now for LoRaWAN®, NB-IoT and LTE-M network. Modern and small design makes it excellent fit to various street lighting modules.

### LoRaWAN® Luminaire Controller NEMA

LoRaWAN® Luminaire Controller NEMA is a remote control device for LED luminaires equipped with ANSI C136.41 NEMA receptacle. The luminaire is controlled through DALI or 0..10V analog control interfaces, while providing a reliable power interconnect with three robust twist lock contacts.



Clamshell design, driver without tool replacement, easy maintenance.



A sensor mounting hole is reserved on the top to facilitate future installation.

Built-in Auto cut-off device, automatically power off when opening the fixture cover. Humanized design, protect the safety of maintenance personnel.

# > Application Reference

- Road lighting
- Area lighting
- Perimeter lighting





Quality, Honesty, Service and Innovation

# Illuminate Your Future

**5**  
\*\*\*\*\*

**10**  
\*\*\*\*\*

● WARRANTY

5 Year Limited Warranty,  
10 Year Preferred Warranty.  
Please consult with our sales for detailed agreement.

wally@aokledlight.com

www.aokledlight.com

+1 626-986-4050 (US)

+86 755 2357 9148 (CN)

Manufacturing: Building 1 & 4, St. George's Science and Technology Industrial Park, Shajing Street, Shenzhen, China, 518124.

Fuzhou HQ: Room 301, Yujing Business Center Zone 1, No. 12 Baihuazhou road, Cangshan district, Fuzhou, China, 350007

NorthAmerica HQ: 18541 E Gale Ave, City of Industry, CA91748 USA

Copyright ©2021 AOK LED LIGHT CO., LTD. All Right Reserved.