

200+ Patent Certificates
\$1,000,000+ Annual Energy Saving
20,000+ Projects Successfully Installed



High Lumen Output

Up to **18,480** lm

Tool-less ILE LED Street Light

Prototype Version

Power: 20W - 120W



Innovative & Tailored
Lighting Solutions for **Success**
www.aokledlight.com

New Generation **ILE** Street Light



Patent Number:
[ZL 2024 1 0198758.4]

Our product has obtained
an invention patent

For the projects
it **benefits** the possibilities of

-  Cost savings in operations
-  Quick installation & investment return
-  Smart control ready for efficient management
-  Concern of environmental sustainability



Self-Clean
Cover



Photocell



DALI Control



Casambi
Supported



Zhaga
Supported



Smart Lighting
Control

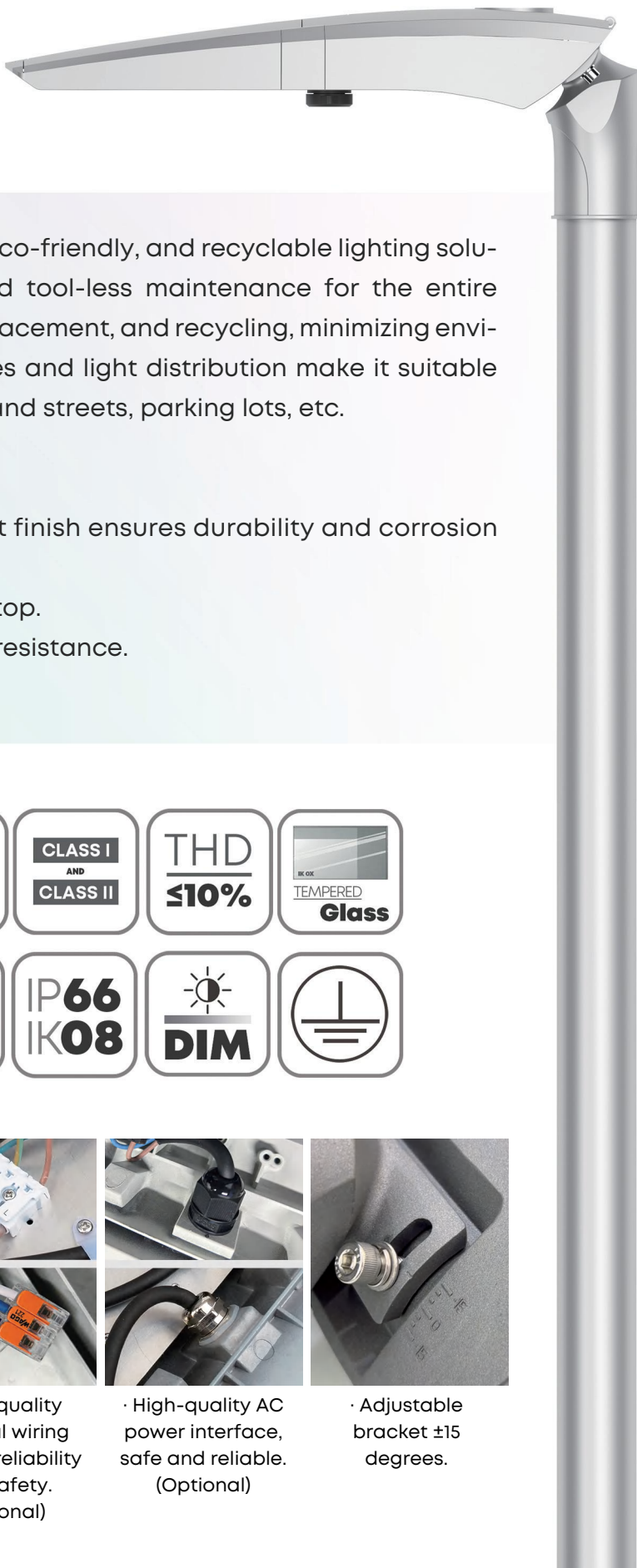


WARRANTY

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

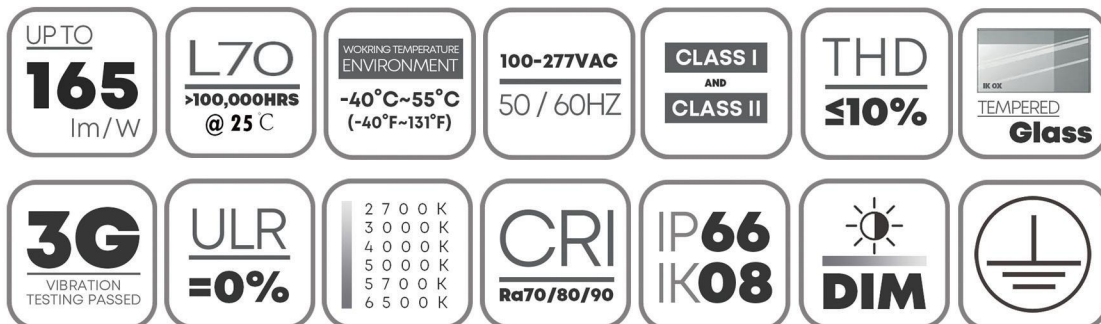


For others & details
please request



The ILE series LED street light is a new, eco-friendly, and recyclable lighting solution. With energy-efficient design and tool-less maintenance for the entire fixture, it allows quick disassembly, replacement, and recycling, minimizing environmental impact. Its versatile features and light distribution make it suitable for various public areas such as road and streets, parking lots, etc.

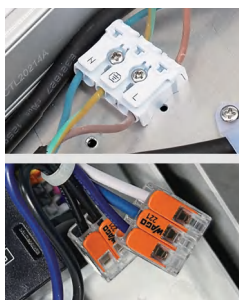
- Die-cast aluminum fixture housing.
- UV-stabilized polyester powder paint finish ensures durability and corrosion resistance.
- Installation options: Side entry / Post top.
- Streamlined design to minimize wind resistance.
- PC lens + tempered glass cover.



• Dual-layer structure design, enhanced water resistance.



• High quality silicone gasket, improved sealing performance.



• High-quality terminal wiring ensures reliability and safety. (Optional)



• High-quality AC power interface, safe and reliable. (Optional)



• Adjustable bracket ±15 degrees.

wally@aokledlight.com
+1 626-986-4050 (US)
+86 755 2357 9148 (CN)

©2025 AOK Industrial Company Limited. All Right Reserved.

AOK[®]
Quality, Honesty, Service and Innovation

Cost Savings in Maintenance & Recycling

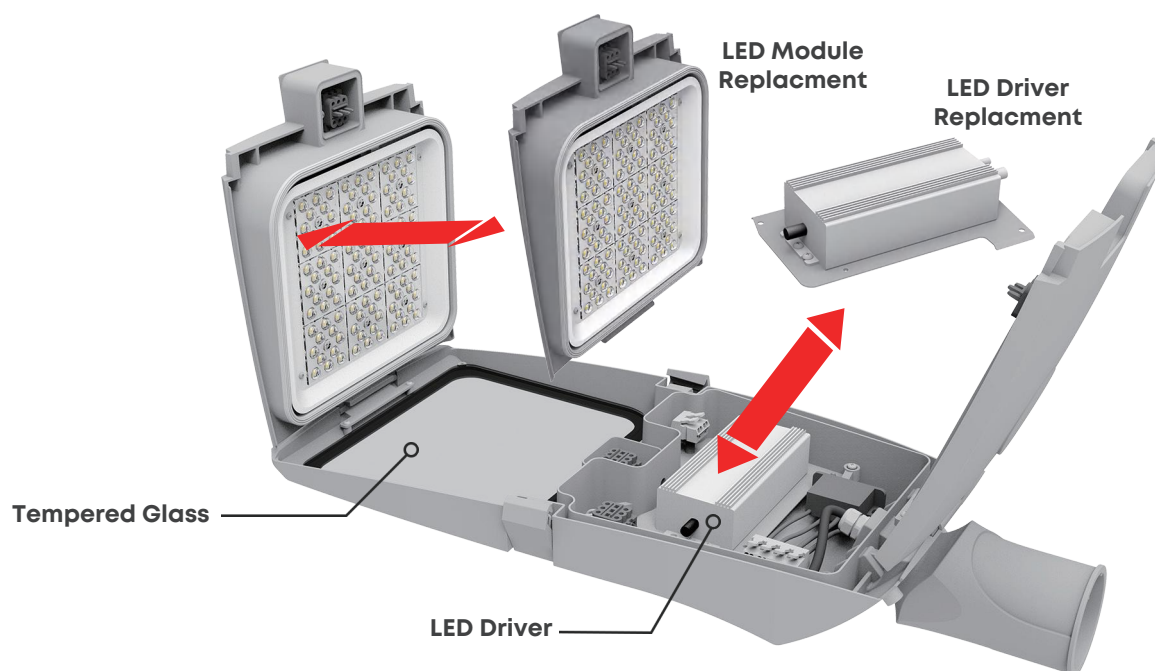
The incorporation of modularization units in maintenance and recycling processes, without the need for tools, enhances efficiency and sustainability.

This approach not only promotes economic benefits but also minimizes environmental impact.

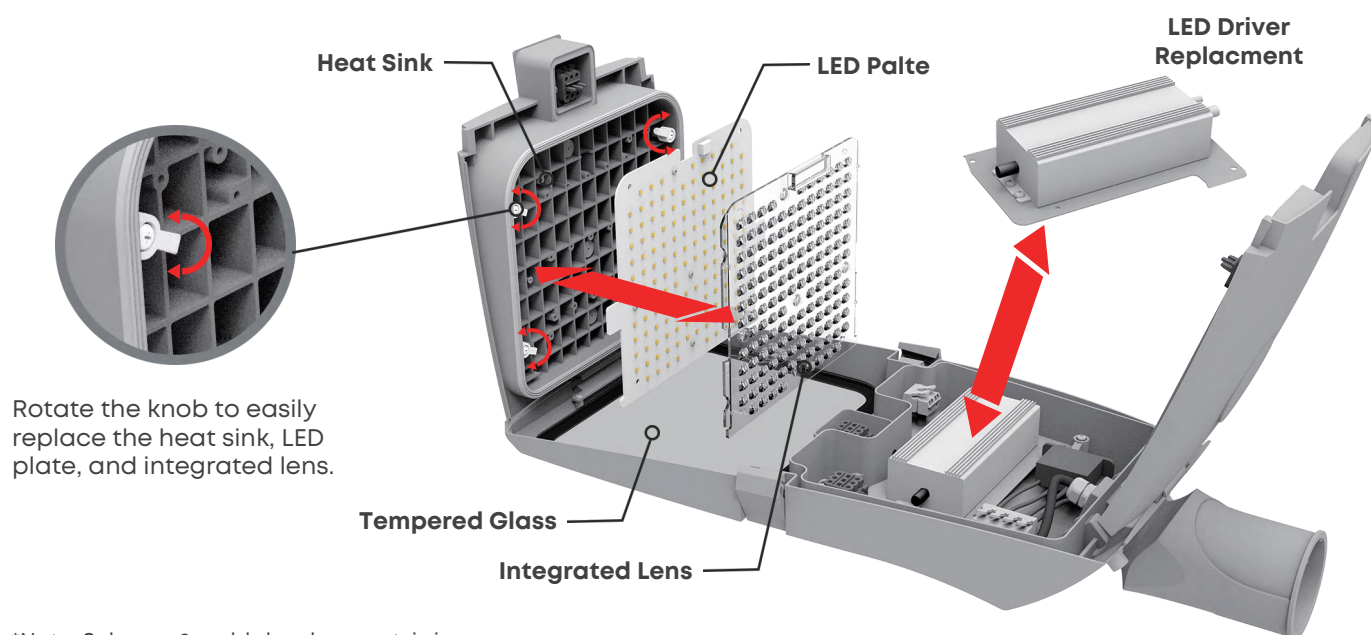


Tool-less Replacement Easy for Recycling

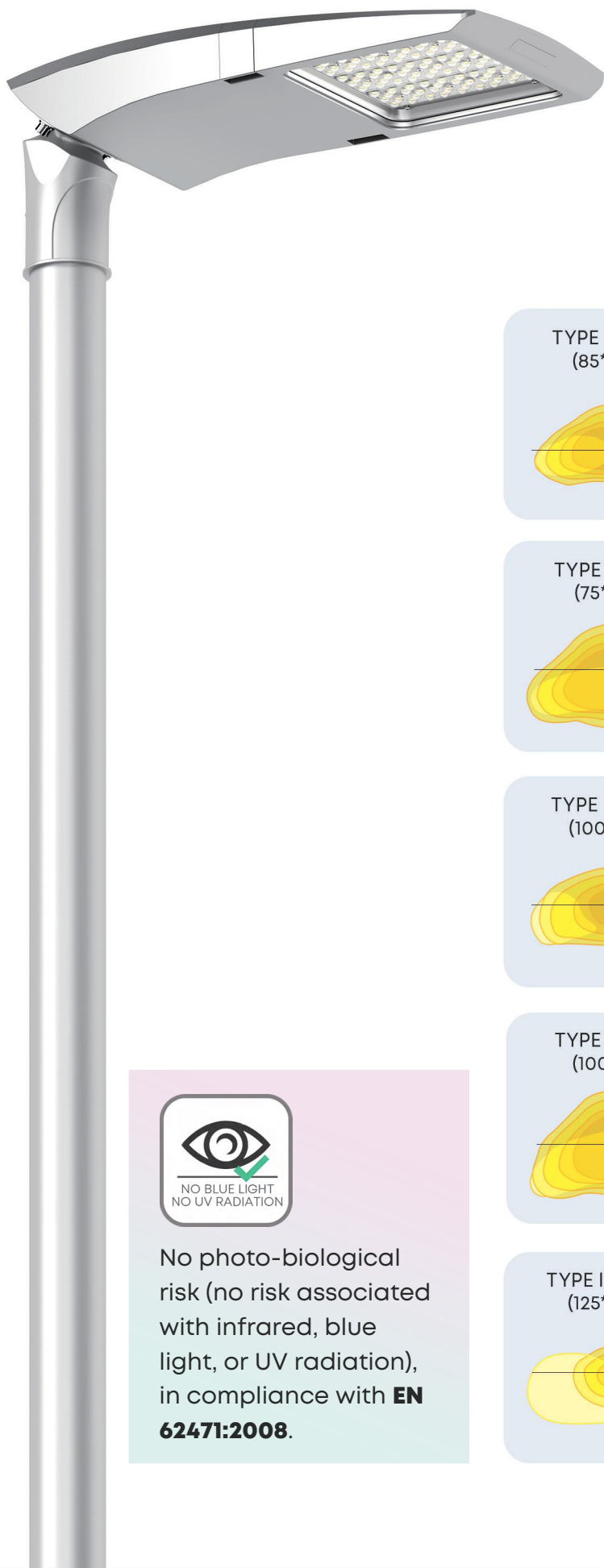
Scheme-1: LED Module, Tempered Glass, LED Driver Tool-less Replacement



***Scheme-2:** Heat sink, LED Plate, Lens, LED driver, Tempered Glass Tool-less Replacement



*Note: Scheme-2 mold development is in progress



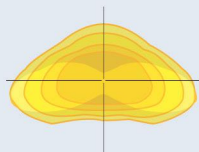
Superior

Animals & Insects Friendly
2200K-2700K
CCT available

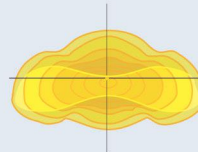
Choose between LUMILEDS or Seoul LEDs in 3030 or 5050 solutions for uniform street light distribution.

* Customize for public or private mode light distribution as needed.

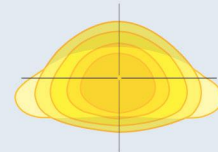
TYPE II (T201)
(85°*150°)



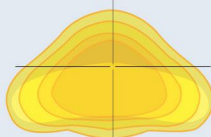
TYPE II (T202)
(70°*155°)



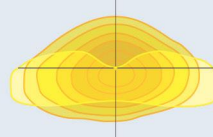
TYPE II (T211)
(110°*155°)



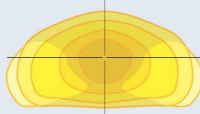
TYPE II (T221)
(75°*150°)



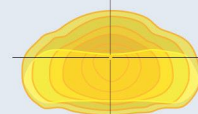
TYPE II (T231)
(100°*160°)



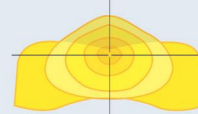
TYPE III (T301)
(100°*160°)



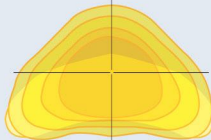
TYPE III (T302)
(80°*150°)



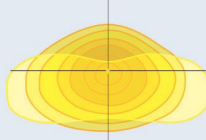
TYPE III (T311)
(90°*150°)



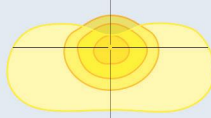
TYPE III (T321)
(100°*145°)



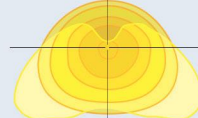
TYPE III (T331)
(120°*160°)



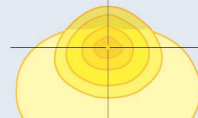
TYPE IV (T401)
(125°*160°)



TYPE IV (T402)
(90°*150°)



TYPE IV (T411)
(115°*145°)

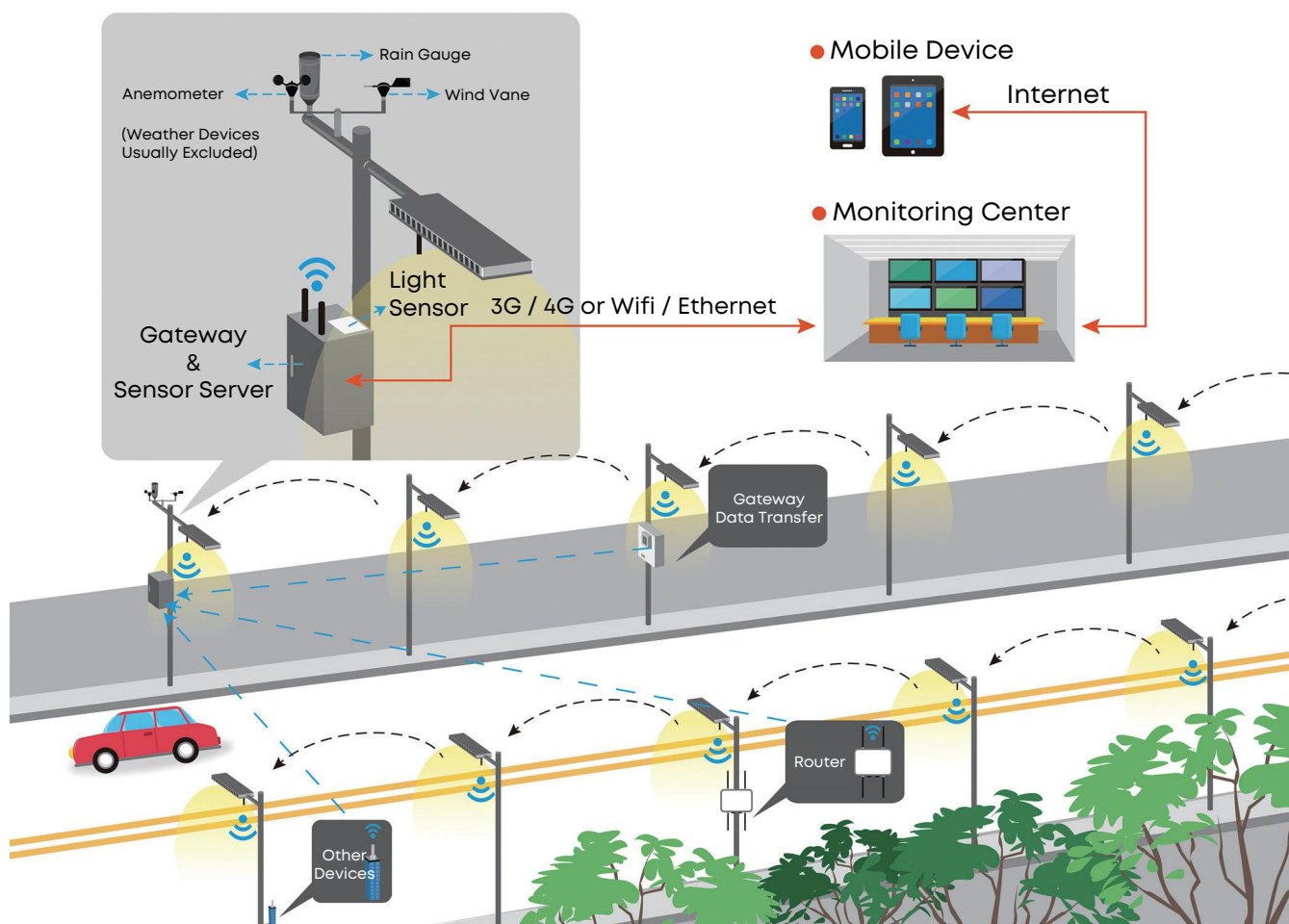


No photo-biological risk (no risk associated with infrared, blue light, or UV radiation), in compliance with **EN 62471:2008**.

Smart Control Ready For Efficient Management

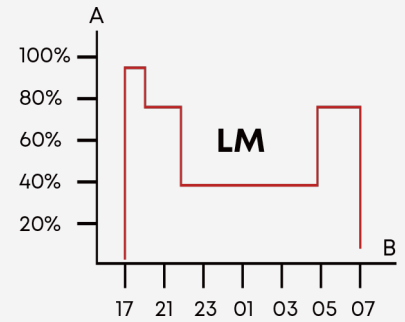
ILE is **connected-ready** and can operate with various sensors and control systems.

Typical IoT Demonstration



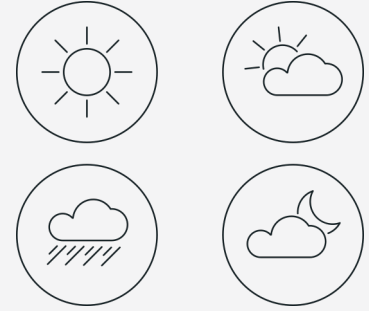
Custom Dimming Profile

Smart luminaire drivers enable the programming of complex dimming profiles without extra wiring. Customized time intervals and light levels contribute to maximum energy savings, maintaining 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 night-fall so as to provide safety and comfort in public spaces.

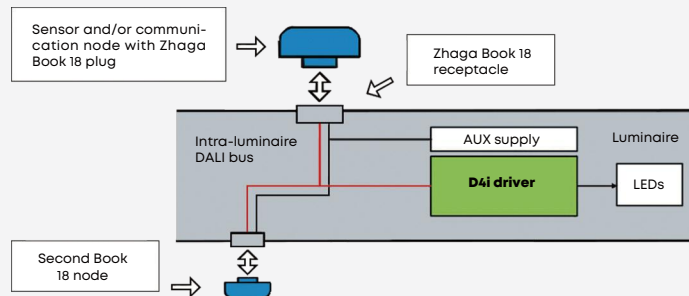


Smart standards. Smarter lighting.

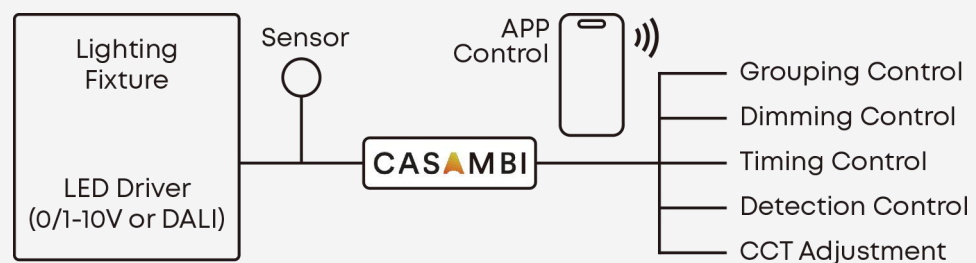
LoRaWAN® Luminaire Controller Zhaga is a wireless device for remote LED luminaire control with a Zhaga-compliant connector and DALI interface. It's compatible with LoRaWAN®, NB-IoT, and LTE-M networks, featuring a modern, compact design suitable for various street lighting modules.

LoRaWAN® Luminaire Controller NEMA is designed for LED luminaires with an ANSI C136.41 NEMA receptacle. It controls the luminaire through DALI or 0-10V analog interfaces and provides a secure power connection with three robust twist lock contacts.

Outdoor Luminaire with Zhaga Receptacles (optional)



Casambi Ready (optional)



Application Reference

- Road & highway lighting
- Urban road & street lighting
- Residential area lighting
- Parks & perimeter lighting
- Parking lot lighting
- Riverside & jogging track



[**Over 5,000,000+ Luminaires**]
Installed Worldwide



main road & highway



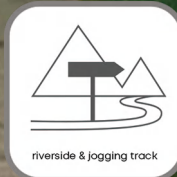
secondary roads



parking lot & surrounding



residential & area



riverside & jogging track

Parameter Table

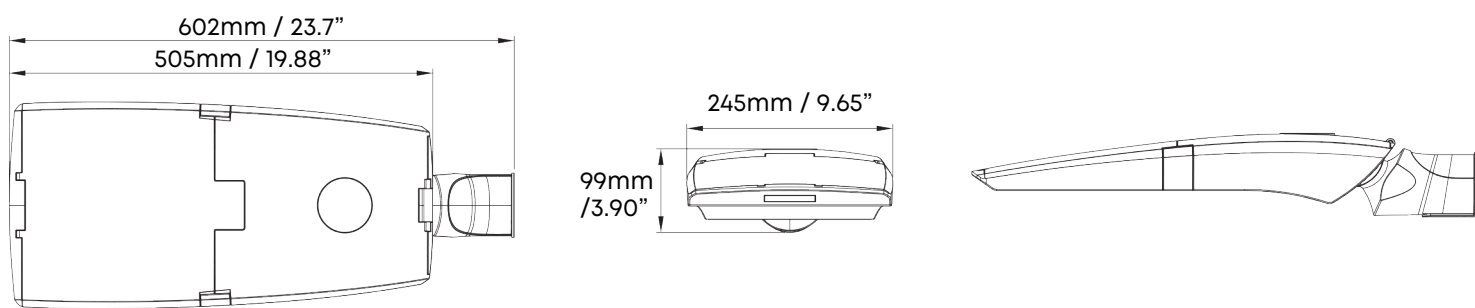
Electrical Data												
Model		AOK-20WILE	AOK-30WILE	AOK-40WILE	AOK-50WILE	AOK-60WILE	AOK-70WILE	AOK-80WILE	AOK-90WILE	AOK-100WILE	AOK-110WILE	AOK-120WILE
Input Voltage		100-277VAC					100-277VAC					
THD（220VAc）		≤10%					≤10%					
PF(220Vac)		≥0.95					≥0.95					
Driver		20-110W: Inventronics、Sosen/Class 1，（Sosen 、 Philips、OSRAM、Moso、uPowerTek）/Class 1、Class 2 120W: Inventronics、Sosen/Class 1，（Moso）/Class 1、Class 2										
Operating Temperature		20-100W: -40°C to 55°C (-40 °F to 131 °F) 110-120W: -40°C to 50°C (-40 °F to 122 °F)										
Control Option		DALI-2, D4i,1-10V/ PWM / timer dimming, Nema, Presence detection sensor. Dim-to-Off with standby power <= 0.5W.										
Surge Protection		10kV / 20kV optional										
Photometric Data												
Efficacy(lm/W) (CRI 70Ra, 5000K) (Std Dev ±5%) with 3030	T201-12inI (85°150°)	154lm/W	152lm/W	150lm/W	145lm/W	141lm/W	147lm/W	144lm/W	141lm/W	135lm/W	133lm/W	130lm/W
	T211-12inI (110°155°)	154lm/W	152lm/W	150lm/W	145lm/W	141lm/W	147lm/W	144lm/W	141lm/W	135lm/W	133lm/W	130lm/W
	T301-12inI (100°160°)	149lm/W	147lm/W	145lm/W	140lm/W	136lm/W	142lm/W	139lm/W	136lm/W	130lm/W	128lm/W	125lm/W
	T311-12inI (90°150°)	154lm/W	152lm/W	150lm/W	145lm/W	141lm/W	147lm/W	144lm/W	141lm/W	135lm/W	133lm/W	130lm/W
	T411-12inI (115°145°)	154lm/W	152lm/W	150lm/W	145lm/W	141lm/W	147lm/W	144lm/W	141lm/W	135lm/W	133lm/W	130lm/W
	T221-16inI (75°150°)	158lm/W	156lm/W	154lm/W	151lm/W	148lm/W	154lm/W	151lm/W	148lm/W	145lm/W	143lm/W	140lm/W
	T321-16inI (100°145°)	158lm/W	156lm/W	154lm/W	151lm/W	148lm/W	154lm/W	151lm/W	148lm/W	145lm/W	143lm/W	140lm/W
	T231-24inI (100°160°)	160lm/W	158lm/W	156lm/W	154lm/W	152lm/W	158lm/W	156lm/W	154lm/W	152lm/W	150lm/W	148lm/W
	T331-24inI (120°160°)	160lm/W	158lm/W	156lm/W	154lm/W	152lm/W	158lm/W	156lm/W	154lm/W	152lm/W	150lm/W	148lm/W
	T401-24inI (125°160°)	160lm/W	158lm/W	156lm/W	154lm/W	152lm/W	158lm/W	156lm/W	154lm/W	152lm/W	150lm/W	148lm/W
	T231-24inI-Pro (100°160°)	166lm/W	164lm/W	162lm/W	160lm/W	158lm/W	164lm/W	162lm/W	160lm/W	158lm/W	156lm/W	154lm/W
	T331-24inI-Pro (120°160°)	166lm/W	164lm/W	162lm/W	160lm/W	158lm/W	164lm/W	162lm/W	160lm/W	158lm/W	156lm/W	154lm/W
T401-24inI-Pro (125°160°)	166lm/W	164lm/W	162lm/W	160lm/W	158lm/W	164lm/W	162lm/W	160lm/W	158lm/W	156lm/W	154lm/W	
Luminous Flux (lm) (CRI 70Ra, 5000K) (Std Dev ±5%) with 3030	T201-12inI (85°150°)	3080lm	4560lm	6000lm	7250lm	8460lm	10290lm	11520lm	12690lm	13500lm	14630lm	15600lm
	T211-12inI (110°155°)	3080lm	4560lm	6000lm	7250lm	8460lm	10290lm	11520lm	12690lm	13500lm	14630lm	15600lm
	T301-12inI (100°160°)	2980lm	4410lm	5800lm	7000lm	8160lm	9940lm	11120lm	12240lm	13000lm	14080lm	15000lm
	T311-12inI (90°150°)	3080lm	4560lm	6000lm	7250lm	8460lm	10290lm	11520lm	12690lm	13500lm	14630lm	15600lm
	T411-12inI (115°145°)	3080lm	4560lm	6000lm	7250lm	8460lm	10290lm	11520lm	12690lm	13500lm	14630lm	15600lm
	T221-16inI (75°150°)	3160lm	4680lm	6160lm	7550lm	8880lm	10780lm	12080lm	13320lm	14500lm	15730lm	16800lm
	T321-16inI (100°145°)	3160lm	4680lm	6160lm	7550lm	8880lm	10780lm	12080lm	13320lm	14500lm	15730lm	16800lm
	T231-24inI (100°160°)	3200lm	4740lm	6240lm	7700lm	9120lm	11060lm	12480lm	13860lm	15200lm	16500lm	17760lm
	T331-24inI (120°160°)	3200lm	4740lm	6240lm	7700lm	9120lm	11060lm	12480lm	13860lm	15200lm	16500lm	17760lm
	T401-24inI (125°160°)	3200lm	4740lm	6240lm	7700lm	9120lm	11060lm	12480lm	13860lm	15200lm	16500lm	17760lm
	T231-24inI-Pro (100°160°)	3320lm	4920lm	6480lm	8000lm	9480lm	11480lm	12960lm	14400lm	15800lm	17160lm	18480lm
	T331-24inI-Pro (120°160°)	3320lm	4920lm	6480lm	8000lm	9480lm	11480lm	12960lm	14400lm	15800lm	17160lm	18480lm
T401-24inI-Pro (125°160°)	3320lm	4920lm	6480lm	8000lm	9480lm	11480lm	12960lm	14400lm	15800lm	17160lm	18480lm	
Efficacy(lm/W) (CRI 70Ra, 5000K) (Std Dev ±5%) with 5050	5050-T202 (70°155°)	164lm/W	162lm/W	160lm/W	157lm/W	154lm/W	157lm/W	154lm/W	152lm/W	150lm/W	148lm/W	145lm/W
	5050-T302 (80°150°)	164lm/W	162lm/W	160lm/W	157lm/W	154lm/W	157lm/W	154lm/W	152lm/W	150lm/W	148lm/W	145lm/W
	5050-T402 (90°150°)	164lm/W	162lm/W	160lm/W	157lm/W	154lm/W	157lm/W	154lm/W	152lm/W	150lm/W	148lm/W	145lm/W
Luminous Flux (lm) (CRI 70Ra, 5000K) (Std Dev ±5%) with 5050	5050-T202 (70°155°)	3200lm	4620lm	6400lm	7850lm	9240lm	10990lm	12320lm	13680lm	15000lm	16280lm	17400lm
	5050-T302 (80°150°)	3200lm	4620lm	6400lm	7850lm	9240lm	10990lm	12320lm	13680lm	15000lm	16280lm	17400lm
	5050-T402 (90°150°)	3200lm	4620lm	6400lm	7850lm	9240lm	10990lm	12320lm	13680lm	15000lm	16280lm	17400lm
ULR		= 0%, @ Luminaire inclination 0°										
CCT		2700K, 3000K, 4000K, 5000K, 5700K, 6500K										
CRI		70Ra, 80Ra, 90Ra optional										
Beam Angle		Type-II (85°150°, 70°155°, 75°150°, 110°155°, 100°160°) / Type III (100°160°, 80°150°, 90°150°, 100°145°, 120°160°) / Type IV (125°160°, 90°150°, 115°145°)										
LED Manufacturer		LUMILEDS / Seoul										
LED Model		Lumileds 3030, 5050 / Seoul3030, 5050										
Lens		Polycarbonate+tempered glass(4 mm thick)										

Mechanical Data	
IP / IK	IP66 / IK08, according to standard EN 60529 and EN 62262
Vibration Resistance	3G, conform to standard IEC 68-2-6.
SCx	0.12m² (Top view), 0.035m² (side view)
Materials	Heavy-duty die-cast aluminum (ADC12)
Painting	RAL 9005 Black, RAL 9006 Silver, RAL 9007gray, Custom request
Surface Treatment	Anti-UV thermosetting polyester / 80 micron epoxy primer + Anti-UV thermosetting polyester (for extremely corrosive environments).
Cable	Pre-wired with a 40 cm cable (Other lengths on request)
Mounting	Post Top/Side Entry, (Φ42~60mm pole)
Others	
Lifespan	L70 > 100000hrs, @Ta 25°C
Warranty	5 years (Warranty extension up to 10 years on request)
Certification	CE,RoHS, For other certificates please request
Product Size	23.7*9.65*3.9 inches / 602*245*99mm
Carton Size	25.98*11.42*5.91inches / 660*290*150mm
Net Weight	5.1KG
Gross Weight	5.8KG
Recommend Installation	General 4-12m, based on actual project requirements
Standard Accessories	Standard SPD 10kV (EU)
Optional Accessories	Lid support, Circuit breaker, SPD 20kV, Nema photoelectric control socket, Photocell, Zhaga socket, PIR or Microwave sensor.
Important Note!	The provided information is solely for reference; the official measurement report holds higher authority.

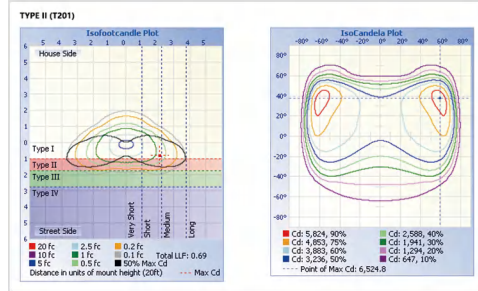
Ordering Information

AOK									
WATTS	VOLTAGE	LED CHIPS	TYPE OF SENSOR	CCT&CRI	DISTRIBUTION	MOUNT	HOUSING	OPTION	
20WILE	NV=100-277V	L3=Lumileds 3030	00=Without Sensor	2770=2700K 70CRI	T201 (85°150°)	A=Side Entry B=Post Top	SI=Silver	10KV SPD	
30WILE		S3=Seoul 3030	PH=Photocell	3070=3000K 70CRI	T202 (70°155°)		BK=Black	20KV SPD	
40WILE		L5=Lumileds 5050	DV=Dimmable	4070=4000K 70CRI	T211 (110°155°)		GR=Gray	Zhaga receptacle	
50WILE		S5=Seoul 5050		5070=5000K 70CRI	T221 (75°150°)		Custom request	Nema socket	
60WILE				5770=5700K 70CRI	T231 (100°160°)			Custom request	
70WILE				6570=6500K 70CRI	T301 (100°160°)				
80WILE				2780=2700K 80CRI	T302 (80°150°)				
90WILE				3080=3000K 80CRI	T311 (90°150°)				
100WILE				4080=4000K 80CRI	T321 (100°145°)				
110WILE				5080=5000K 80CRI	T331 (120°160°)				
120WILE				5780=5700K 80CRI	T401 (125°160°)				
				6580=6500K 80CRI	T402 (90°150°)				
					T411 (115°145°)				

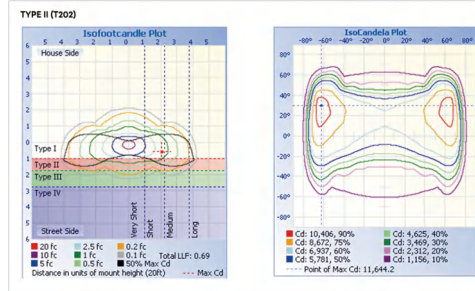
Dimensions



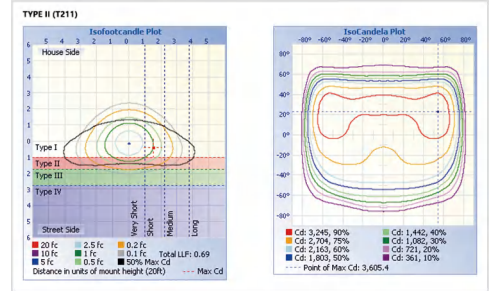
Illuminance Diagram



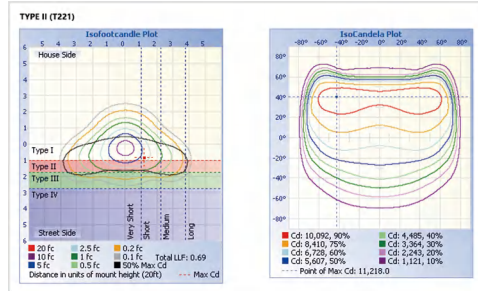
T201 (85°150°)



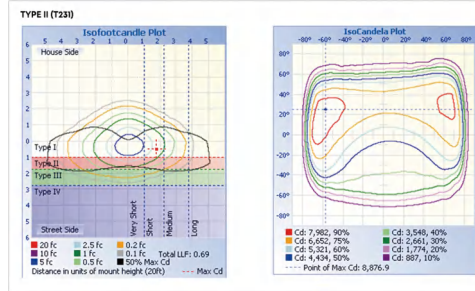
T202 (70°155°)



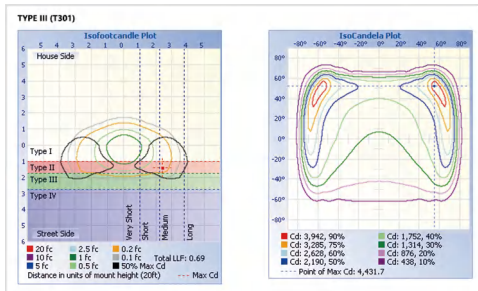
T211 (110°155°)



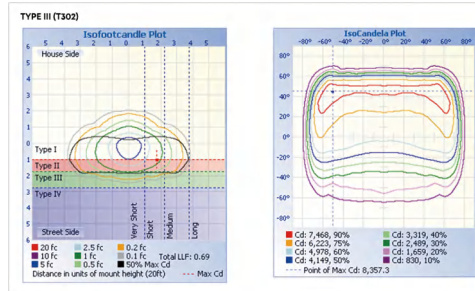
T221 (75°150°)



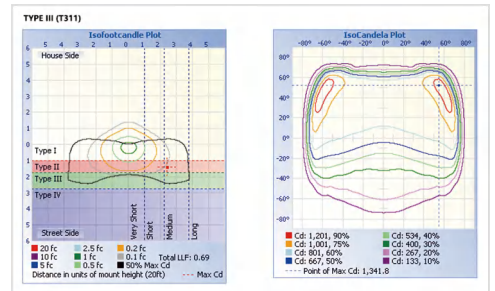
T231 (100°160°)



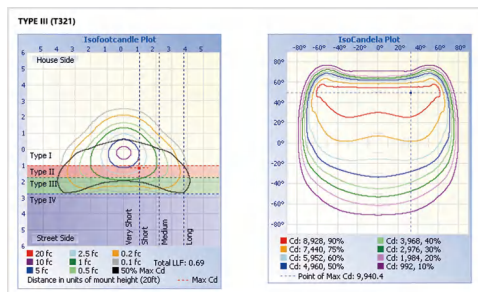
T301 (100°160°)



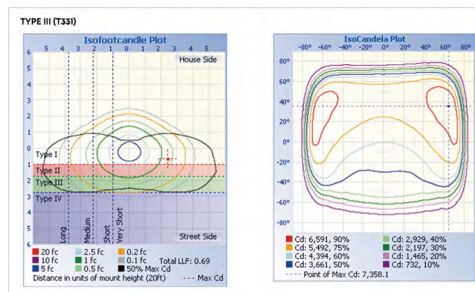
T302 (80°150°)



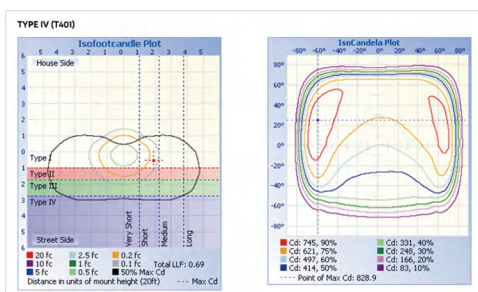
T311 (90°150°)



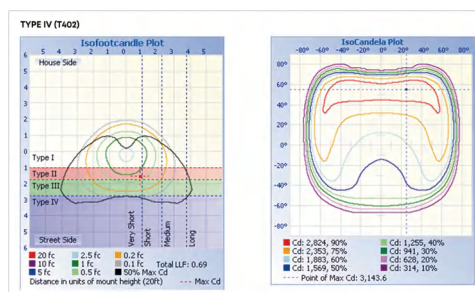
T321 (100°145°)



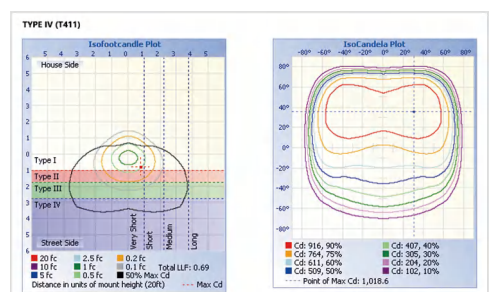
T331 (120°160°)



T401 (125°160°)



T402 (90°150°)



T411 (115°145°)

Photometry



Controller & Receptacle



*The accessories may differ from those described in the pictures when products are upgraded. Please consult with our sales team for updated details and order separately.



Innovative & Tailored Lighting Solutions for **Success**



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:

Shenzhen:

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

Huizhou:

Building 2, Yinghui Electronic Science and Tech Park, No. 6 Dongsheng North Rd, Chenjiang Street, Zhongkai High-tech Zone, Huizhou, China. 516006.

Philippines:

128 North Science Avenue SEZ Laguna Technopark, Binan City, Laguna, Philippines.

Fuzhou Office:

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

Copyright ©2025 AOK Industrial Company Limited. All Right Reserved.