



Lumio

- Street Light



Quantum Leap Intelligent Street Lighting

Built for outdoor roadway lighting, Lumio features a high-quality aluminium housing and high-efficiency optical design. It delivers easy on-site adjustment, wide scene adaptability and long-term reliability to meet demanding outdoor project requirements.

Future-proof

Zhaga D4i or NEMA interfaces.

Revolutionary

Intelligent lighting in synch with nature
(including switchable light colors).

Intelligent

Optional control systems—LoRa, ZigBee, LTE, or PLC—
delivering top-tier control, efficiency and flexibility.

Flexible Fitter

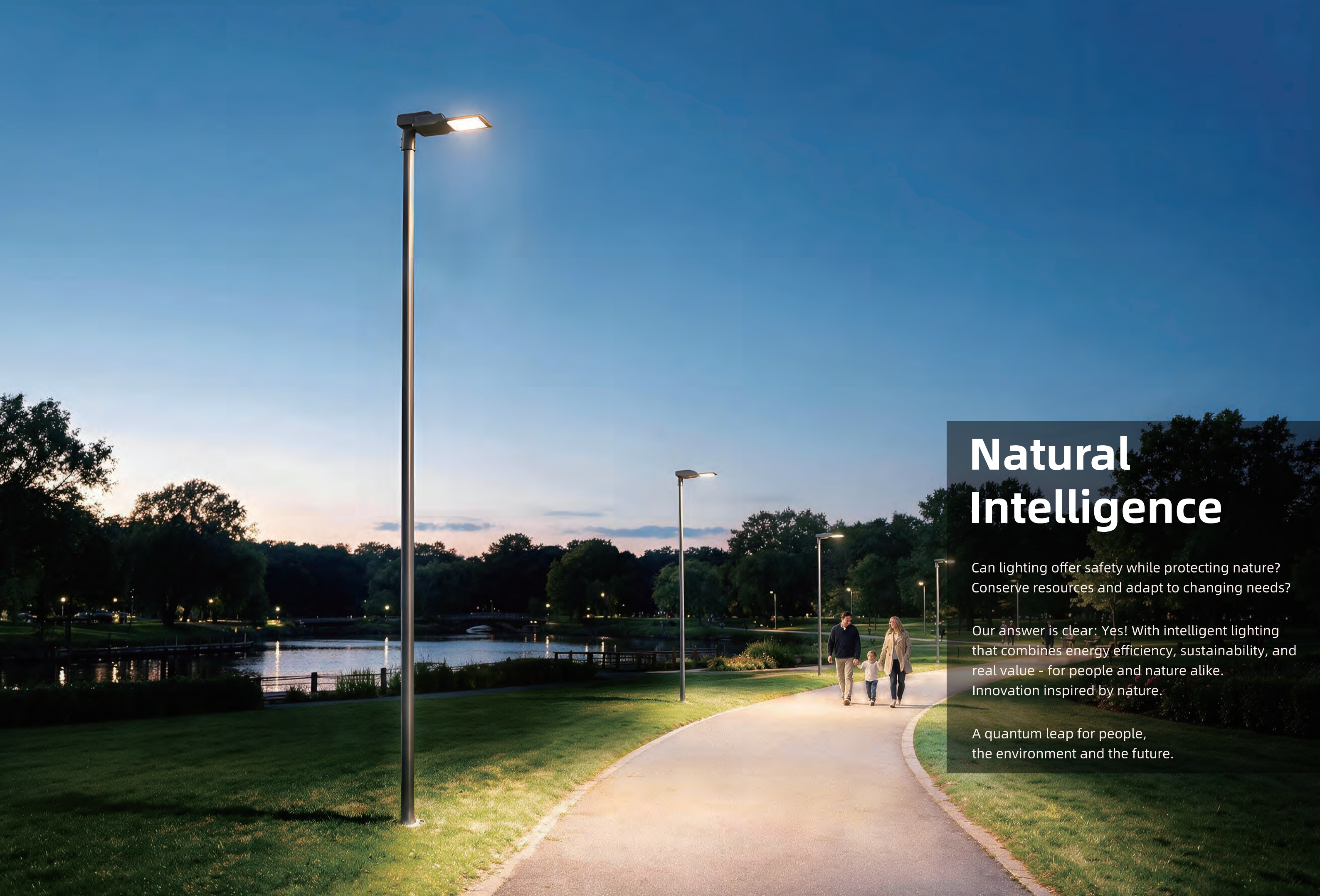
Wide -20°~110° rotation range for flexible,
precise light aiming across all scenarios.

Sustainable

Replaceable components, easy upgrades.

More efficient than ever

Up to 176 lm/W through the precise
synergy of electronics and optics.



Natural Intelligence

Can lighting offer safety while protecting nature?
Conserve resources and adapt to changing needs?

Our answer is clear: Yes! With intelligent lighting that combines energy efficiency, sustainability, and real value - for people and nature alike. Innovation inspired by nature.

A quantum leap for people,
the environment and the future.

Details in Focus

○ Key Components

High quality LED chips and high MTBF LED driver

○ Installation

Both horizontal and vertical installation are supported

○ Size

4 sizes with wide power range 20W-200W

○ Intelligent

Control System Support (Photocell, NEMA / ZHAGA Socket).



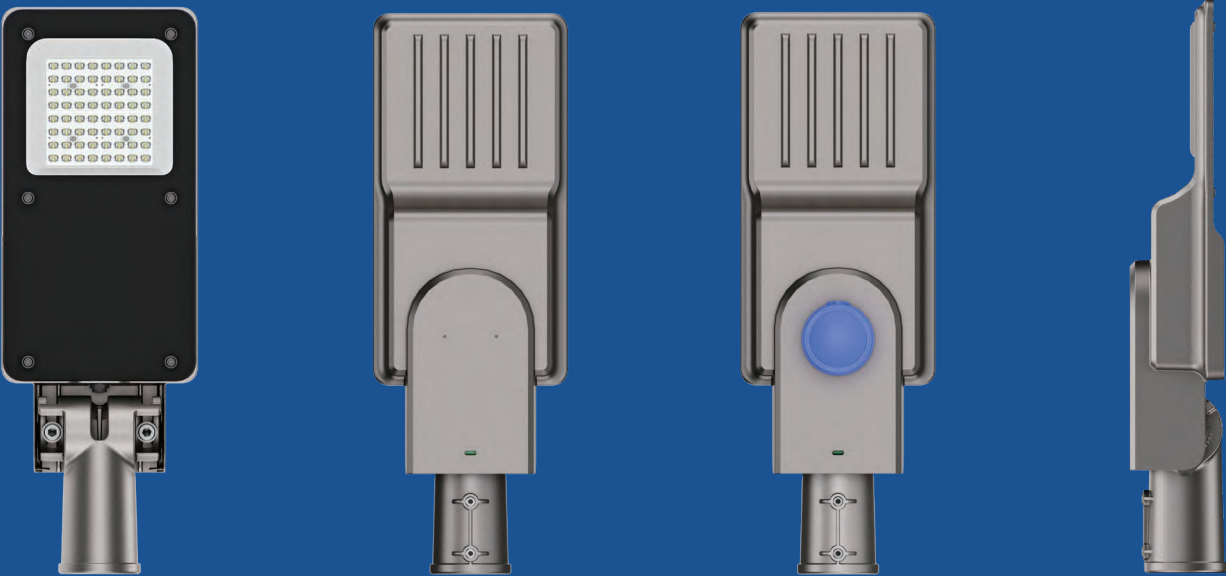
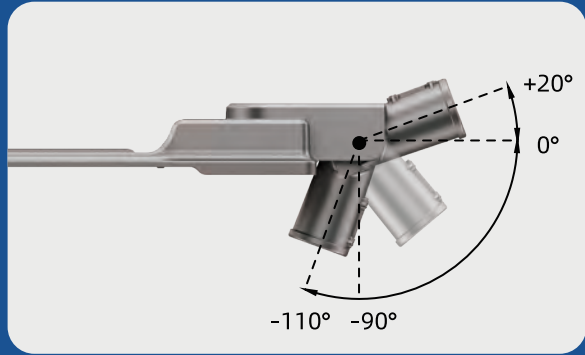
Modern sleek design. ADC12 aluminum body
Weatherproof coating – built to last.



High-transmittance tempered glass
protects UV-resistant PMMA / PC lenses
inside, delivering 15+ photometric
distributions for every road type – from
motorways to dark-sky zones.

Flexible Installation Option

Adjustable rotating sleeve design enables easy -20° to +110°
rotation without disassembly.



Where Quality Lives

Open It Up

Sustainability Without Compromise



- 100 % In-house design and manufacturing
- 100 % Sustainable modular design with recyclable components
- 100 % Customizability and interchangeability
- 100 % High-end programmable LED driver
- 100 % 10 kV surge protection device (SPD) Standard on every luminaire

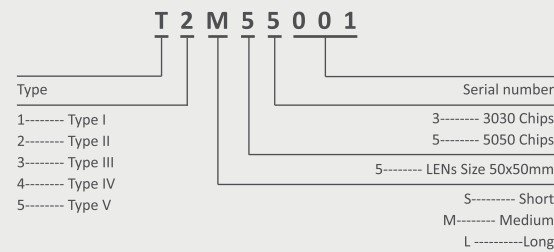
A quantum leap for your sustainability.

Standard Variants

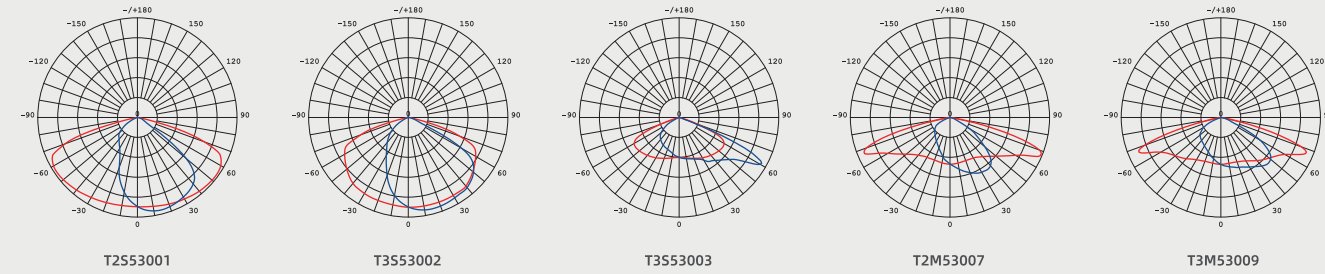
	Version S				Version M				Version L				Version XL		
															
ZGSM-ST26-20S	20	150 /160 /176	3000 /3200 /3520	ZGSM-ST26-60M	60	140 /160 /176	8400 /9600 /10560	ZGSM-ST26-120L	120	140 /160 /176	16800 /19200 /21120	ZGSM-ST26-180XL	180	150 /160 /176	27000 /28800 /31680
ZGSM-ST26-30S	30	150 /160 /176	4500 /4800 /5280	ZGSM-ST26-80M	80	140 /160 /176	11200 /12800 /14080	ZGSM-ST26-150L	150	145 /160 /176	21750 /24000 /26400	ZGSM-ST26-200XL	200	150 /160 /176	30000 /26000 /35200
ZGSM-ST26-40S	40	150 /160 /176	6000 /6400 /7040												
ZGSM-ST26-50S	50	150 /160 /176	7500 /8000 /8800												

Light Distributions

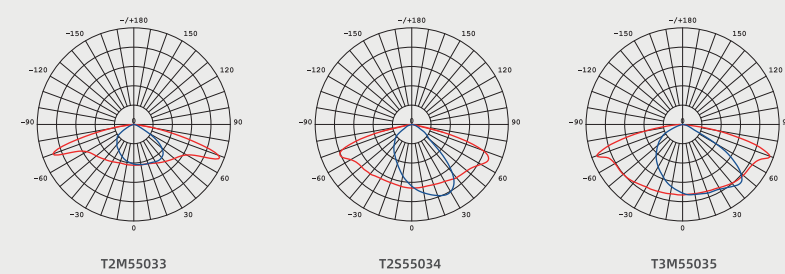
Order reference



3030 Version



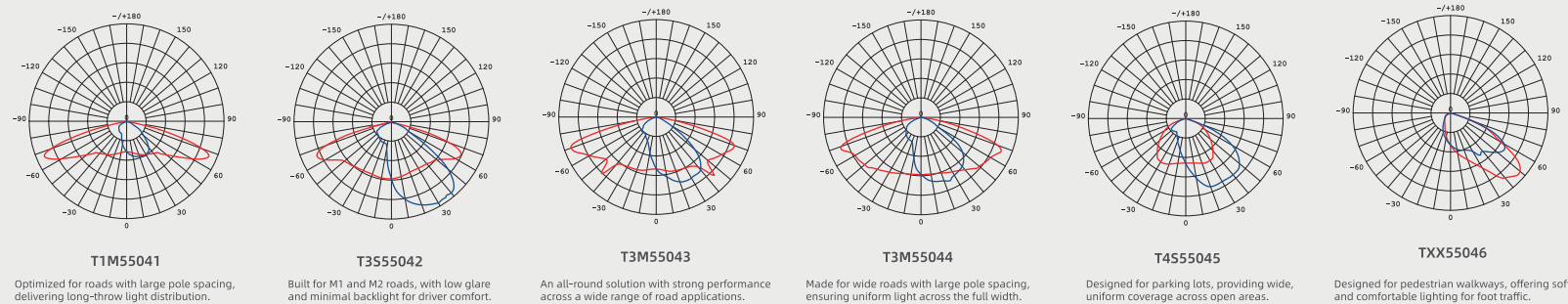
5050 Version



Customizable Spectra

Remarks:

- Custom spectra are all built with 5050 LEDs.
- Custom spectra use specialty PCB boards – not interchangeable with standard lenses.
- Luminaire efficacy for custom spectra follows the IES files provided by sales.
- Custom spectrum configurations are priced differently – please contact our sales team.



Valid for all Streetlight Lumio variants:

Electrical Data
Nominal Voltage: AC 100-240V /277V 50 /60Hz
LED: Lumileds /Other brands on request
Driver: Inventronics /Other brands on request
Power Factor (PF): >0.95
THD: <15
SPD: 10KV (Default) / 20KV (available on request)
Protection Class: Standard: Class I Optional: Class II
CRI: CRI>70 (Default) CRI>80 CRI>90
CCT: 1800K 2200K 2700K 3000K 4000K 5000K 5700K 6500K
Luminous efficacy values are based on CRI 70 and CCT ≥ 4000K. Lower CCT or higher CRI will reduce efficacy – contact ZGSM for details.

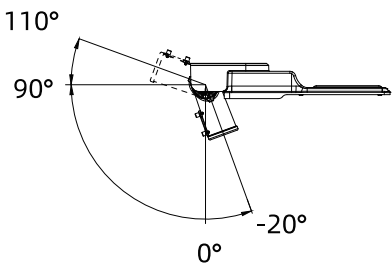
General Data
Material: Die-cast aluminum, Tempered glass, UV-resistant PC / PMMA
Housing Color: RAL9007 (Default) /Other Colors on request
Working Environment: -40°C ~ +50°C, 10%~90%RH
Lifespan L70 at 25 °C: >100, 000 h
Ratings: IP66, IK08 /IK10
Dimmable: 1-10V Dimming (Default) /Timer Dimming /DALI Dimming
Connectivity options: Top or bottom Zhaga socket / Top 5/7 PIN Nema
Standards: CE, RoHS, ENEC, ENEC+ , CB, LM79, LM80, TM-21, IEC62471, IEC60068-2-6, IEC61643-11, Zhaga-D4i

Mounting
Side entry mounting or Post top mounting
With tilt options from -20° to +110°
Light pole diameter: Ø48-60mm

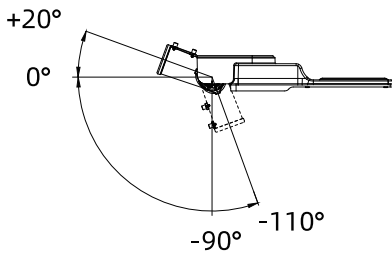
Extra options
NEMA socket (3/5/7pins), ZHAGA socket, Short cap, Photocell, NTC, OLC, Motion sensor, Solar compatible, Smart controller, Fuse, Adapters for different types of light poles

Mounting Options

Integrated adjustable system with 5° steps for post top or arm side entry mounting.



POST TOP MOUNTING



SIDE ENTRY MOUNTING



Technical Drawings

Version S



Packing: Carton Size 500 x240 x145mm | Gross Weight: 3.7kgs | Net Weight: 3.2kgs

Version M



Packing: Carton Size 510 x290 x145mm | Gross Weight: 4.4kgs | Net Weight: 3.8kgs

Version L



Packing: Carton Size 560 x340 x145mm | Gross Weight: 5.4kgs | Net Weight: 4.6kgs

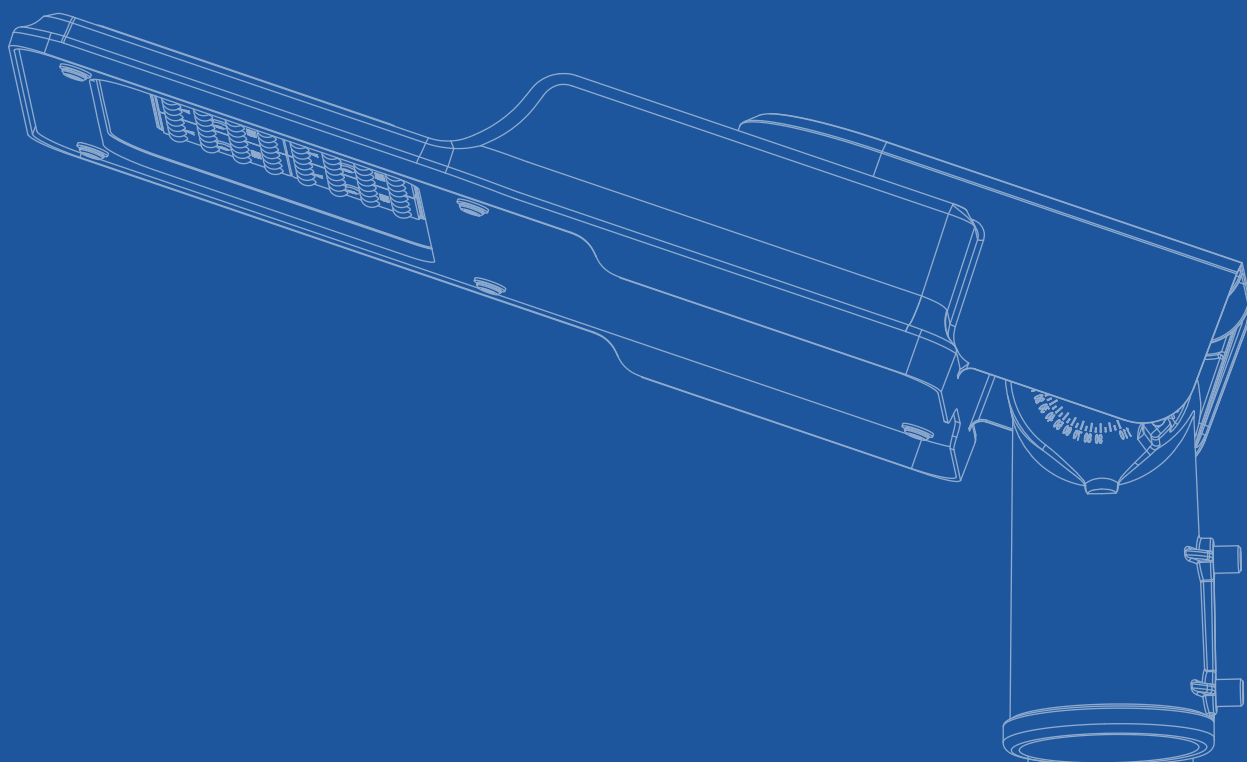
Version XL



Packing: Carton Size 660 x340 x145mm | Gross Weight: 6.3kgs | Net Weight: 5.3kgs



Suggest Pole Diameter: φ48-60mm



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