Unilumin
COMPANY
PROFILE
Together, for a Brighter Future

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1 Who We Are

2 Why Choose Us

3 Products & Solutions

4 Cooperation Model

PART 1

1. Who We Are

COMPANY PROFILE

Unilumin Group

2020 — Red Dot Design Award

• Red Dot Product Design Award winner - Beluga

2022 — DFA Awards

• Design for Asia (DFA) Awards Gold Award winner - Manta

2024-2025 — iF Design Award

• The only street light from China to win the iF Design Award 2024 - Marlin

Smart Manufacturing Base

• Zhongshan smart manufacturing base officially launched

..... — Public Lighting Solutions Expert

• Consistently delivering benchmark projects across diverse lighting applications worldwide

2019 — Market Leader

• Became the No.1 Chinese enterprise in exporting LED street lights

2013 — EMC

• Innovation of EMC mode of LED street lights

2012 — Renovation Project

• Implemented China's longest highway renovation project

2011 — Listed

• Listed on Shenzhen GEM (Stock Code: 300232)

2007 — Established

• Lighting business established

2004 — Founded

• Founded in Shenzhen, China

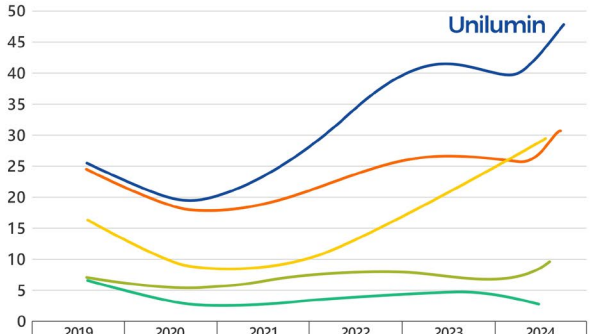
Unilumin, established in 2004, **providing professional LED application services**, including the world's leading LED display and lighting products and Metasight solutions. The company was listed on the Shenzhen Stock Exchange in 2011 (XSHE: 300232) and has consistently been **leading in LED display industry exports for 10 consecutive years**, earning the trust and support of customers worldwide.

With more than 20 years of corporate foundation and accumulation, representing that Unilumin has led the field stably, maturely, competitively. Looking forward to the future, Unilumin will steadfastly work with partners to formulate more specific goals, and prepare for the long-term development.

RAPID DEVELOPMENT

10 Years Reign in LED Exports!

2019-2024 Overseas Revenue (RMB 100 Million)



2019	2020	2021	2022	2023	2024
25.27	19.36	28.43	40.70	40.37	47.8
24.63	17.79	20.95	26.32	25.34	30.7
16.27	8.622	10.01	17.61	26	29.3
6.93	5.31	7.42	7.84	6.84	9.8
6.63	2.67	3.35	4.52	4.72	3.6

Chart: LEDinside
Source: Financial Reports

LEDinside LED 在线

NO.1 in the Global LED Industry in 2024

Global revenue keeps rapid growth

(CAGR 24%)

for 12 years

(Unit: Million Dollars)

Ten Years, Tenfold Growth

Unilumin

2008

Donated more than 471,460.9 dollars
To WenChuan earthquake-stricken area

2012

Set U-foundation
Donated 1,100,075.43
dollars in subsidies

2017

Established the Shenzhen
Unilumin Public Welfare
Foundation Donated more
than 314,307.26 dollars

2019

Development of Chinese
medicine
Donated 785,768.17 dollars

2020

Fight the epidemic of COVID-19
Donated 785,768.17 dollars

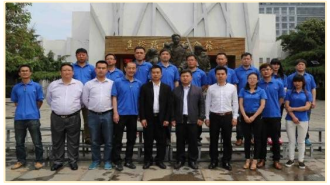
2021

Encourage Unilumin staff to do public
welfare together
nearly 15,721,292 dollars personal
donation from Chairman

2022

Unilumin offered free LED display
maintenance to support pandemic prevention
in Shenzhen. Also named in the "2022 China
Top 500 Enterprises in Philanthropy".

Future

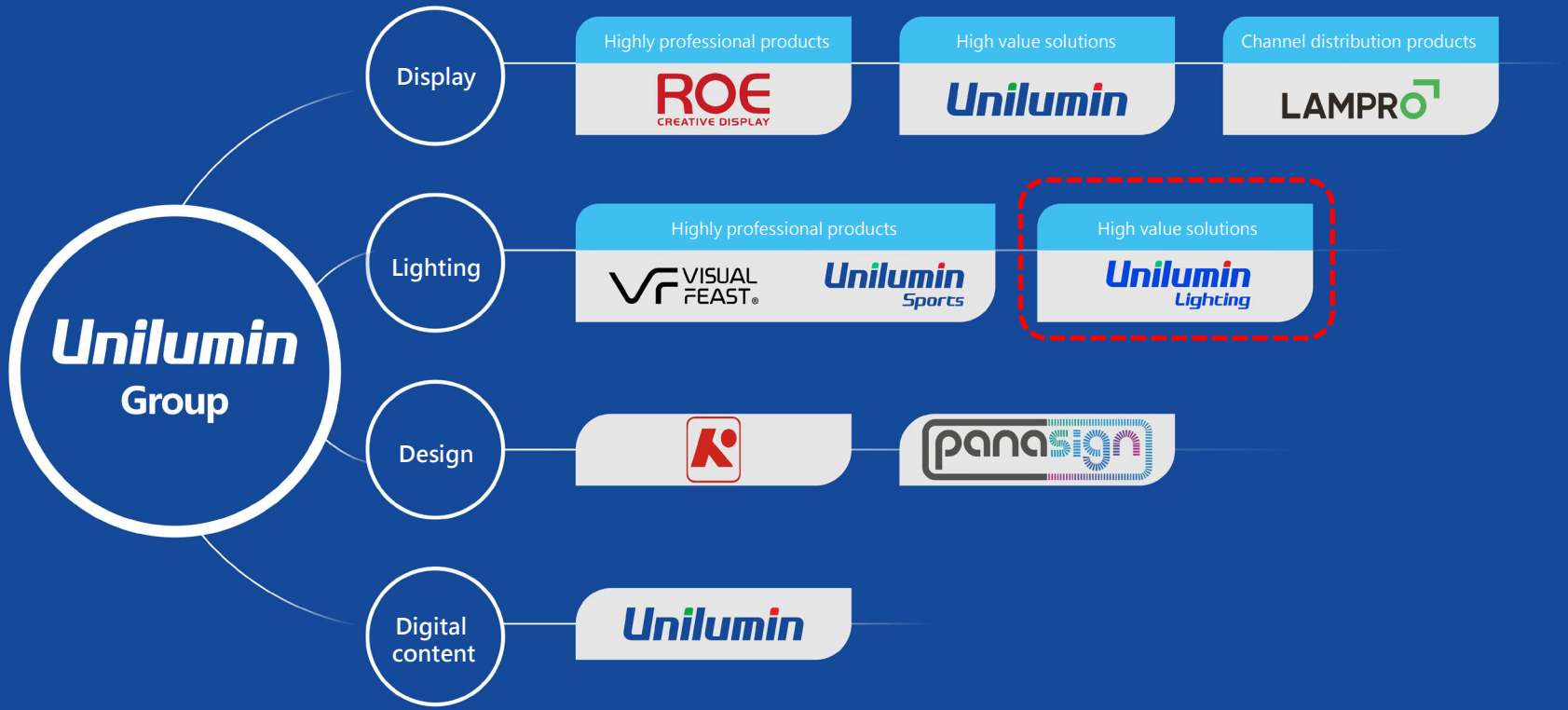


Benefit:

100 +
Cities

10000 +
Beneficiaries

MULTI-BRAND LAYOUT



PART 2

2. Why Choose Us

Why Choose Unilumin

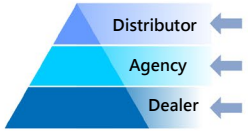
- Leading in LED display industry exports for **10** consecutive years
- Rapid growth (CAGR **24%**) for 12 years

- Pioneer in the LED industry for **20+** years
- Public listed brand in XSHE stock
- Ranks among **Top 500** most valuable brands in Asia

- **The world's largest** LED display smart manufacturing base of **400,000+** sqm
- **1,200,000** sqm of LED display annual shipments
- **1,300,000** pcs of LED lighting annual shipments

Unilumin is the first enterprise in the LED display industry to achieve **TÜV SÜD** low carbon certification

- Grand slam winner of International design awards
- Full range of products, including display & lighting, multiple production lines and product combinations



High-touch Support

- Active countries **160+**

Serving **10,000+** customers

- Multi-channel model

- **Over 10** Major International Lighting Certifications
- Luminous Efficacy up to **210 lm/W**
- **More than 160** kinds of light distribution

Unilumin Exclusive Value

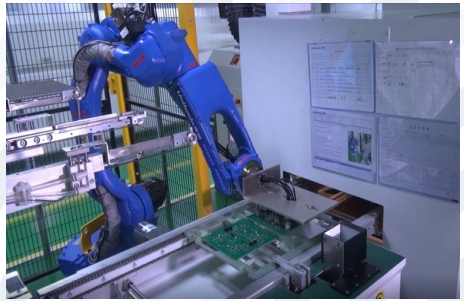
- Full range of industry verticals
- Integrated solution capabilities, with full customisation service

- **20+** Subsidiaries & offices
- **5,000+** employees
- Complete **UCE** training certification

As a prominent manufacturer of LED application products, Unilumin continually augments its investment in automated production processes, elevates production management standards, and allocates **over $3 million** to introduce and establish state-of-the-art professional lighting production lines and production management systems, resulting in an annual production capacity of **3.5 million** sets of lights.

Automated production line

Automatic waterproof testing line



Automated production line

AGV intelligent delivery system

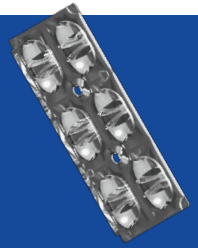
Automated conveyor line

Large-scale automated aging line

Intelligent three-dimensional aging warehouse

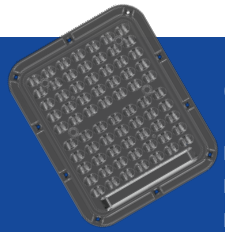
Automatic packaging line

Unilumin



G

G series suitable product: Manta, Shark, Ledolphin, Beluga, Opera, Beta, Villa, Tuna, etc.



N

N series suitable product ： Nano, Opera, Guppy, Nanolite, EcoFlex

M

M series suitable product ： I-Lux, M-Lux, ModuLux, ELiteⅡ

(Reference: G series optical technology platform diagram)

Better interchangeability and flexibility

Luminaires from the same series of optical technology platforms can achieve consistent lighting effects

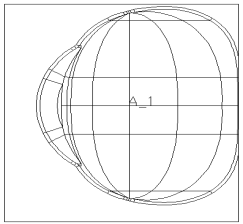
Unilumin

Professionalization:

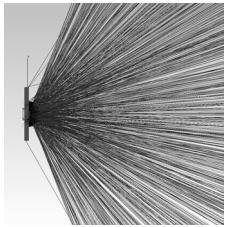
Based on the system optical design software combination, independently develop light distribution that meets the lighting requirements

Customization:

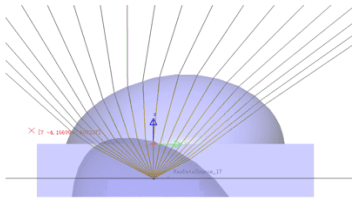
According to the different standard requirements of lighting applications, light distribution can be customized and developed

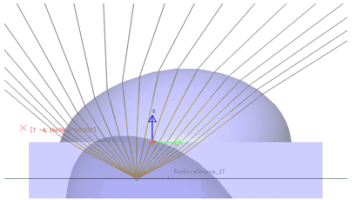


Lens

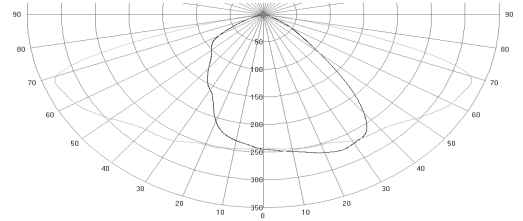


Optical simulation

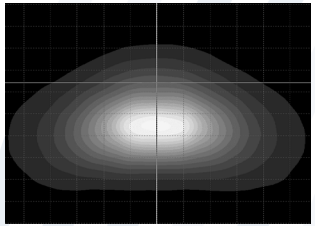




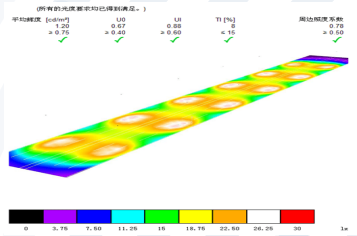
Ray tracing



Photomatric data



Illumination spot



Illumination design

More than 160 kinds of light distribution can be applied to different road lighting needs There's always one that fits your needs

Global Service Network

World-Class Support in Every Part of the World

North America
Orlando, USA
Los Angeles, USA

LATAM
Mexico City, Mexico

Europe
Madrid, Spain
London, UK
Nürtingen, Germany
Culemborg, Netherlands

MEA
Riyadh, Saudi Arabia
Dubai, UAE
Tunis, Tunisia

CIS
Moscow, Russia
Tashkent, Uzbekistan

Asia
Singapore
Delhi, India
Tokyo, Japan
Hong Kong, China
Melbourne, Australia
Petaling Jaya, Malaysia
Seoul, South Korea
Bangkok, Thailand
Jakarta, Indonesia
Hanoi, Vietnam
Macao, China

Having Expanded To
20+
Subsidiaries & Offices

Having Grown To
5,000+
Employees

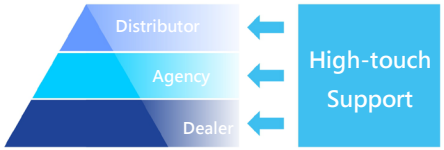
Service Network Covering
160+
Countries

Rapid response	Localized service	Less service costs	Diverse service options

SUSTAINABLE DEVELOPMENT IN CHANNEL

1 Multi-dimensional channel network for helping partners

- Service for over **160** countries, serving over **10,000** customers
- Flexible and disciplined cooperation system
- Brand binding, policy support and empowerment



2 Continued local investment to boost service

Unilumin will continuously expand sales forces and service network in the world, while utilizing digital technologies and intelligent systems to optimize operation and service processes, achieving **a 24-hour** rapid response service.

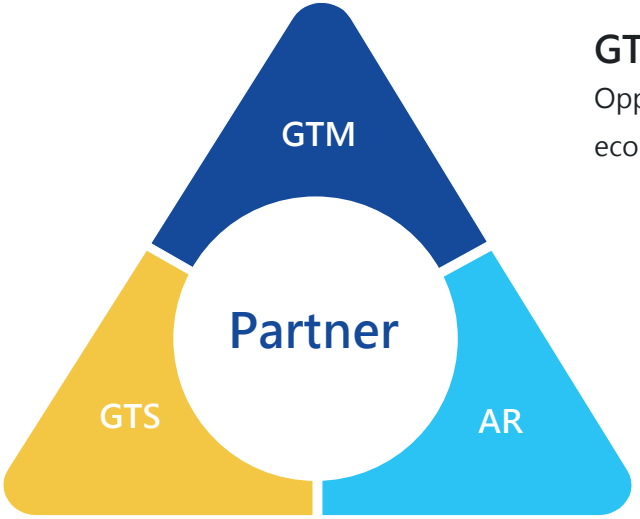
3 Build a cooperation ecosystem

Unilumin is dedicated to collaborating with local partners, offering support with our internationally-oriented team and establishing a comprehensive ecosystem of cooperation, thereby enhancing the overall added value and providing end-users with complete solutions.

20+

YOU MATTER TO US

Unilumin



GTM

Opportunity insight, demand response, scene design, IP packaging, ecological shaping

AR

Business opportunity management, transaction co-ordination, project control, resource coordination and Partner situation maintenance

GTS

Scene presentation, site management, operation and maintenance delivery, user training and service guarantee

Our customer-centric approach ensures the delivery of precise and **customized solutions**, meeting unique requirements with expertise. **Backed by our dedicated team of professionals,** including GTM, AR, and GTS teams, we provide expert support to ensure the success of every project and deliver exceptional customized services.

Three Aims

Green → Smart → Safe

Green

Enhanced efficiency, reduced energy consumption, and lower carbon emissions

Smart

On-demand lighting and efficient operation & maintenance

Safe

Safe design, rigorous testing, reduced failure rates; comprehensive certifications to eliminate safety risks

Low Carbon

2030

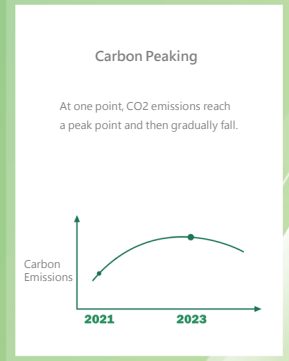
Carbon Peaking

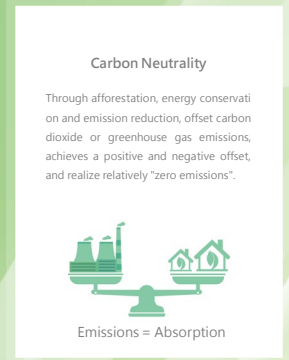
Achieving "Carbon Peaking" and "Carbon Neutrality" is a major strategic decision made by the Central Party Committee and the State Council in coordination with the overall international and domestic situation. "Carbon Peaking" and "Carbon Neutrality have a significant meaning in accelerating the construction of ecological civilization, ensuring energy security and efficiency, promoting economic transformation and upgrading, leading the response to climate change, and realizing the "two centenary goals".

On March 12, 2021, China issued《The Outline of the 14th Five-Year Plan for National Economic and Social Development of the People's Republic of China and the Long-Range Goals for 2035》. This Outline promotes the clean, low-carbon, safe, and efficient use of energy, and further promotes the low-carbon transformation in industries, the construction industry, the transportation industry, and others. Unilumin accelerates the green transformation of development mode, coordinating to promote high-quality economic development and high-level protection of the ecological environment. Unilumin successfully reduced energy consumption and carbon dioxide emissions per unit of GDP by 13.5% and 18% respectively. Unilumin does a solid job in carbon peaking and carbon neutrality and set an action plan for the peak carbon emission before 2030.

2060

Carbon Neutrality





Unilumin Group helps to achieve the goal of Carbon Neutrality

Unilumin provides multi-level lighting solutions to upgrade energy saving

Luminaire

- Unilumin provides high-performance, long-life LED lighting products, compared with traditional light sources, the energy saving ratio can reach more than 70%, effectively helping to save energy.

Control

- Using the intelligent IoT lighting control system released by Unilumin, reasonable dimming and scene control strategies can be adopted to further save energy.
- IoT equipment can offer asset management and automatic operation and maintenance management.

Circulation

- Unilumin develops products or components that can be upgraded, refurbished, recovered and recycled.

Operation & Maintenance

- Unilumin has established a Global Service System (GTS), which can provide rapid service support throughout the life cycle, including survey, design, consulting, installation and commissioning, operation, training, etc.

Low-Carbon Certification

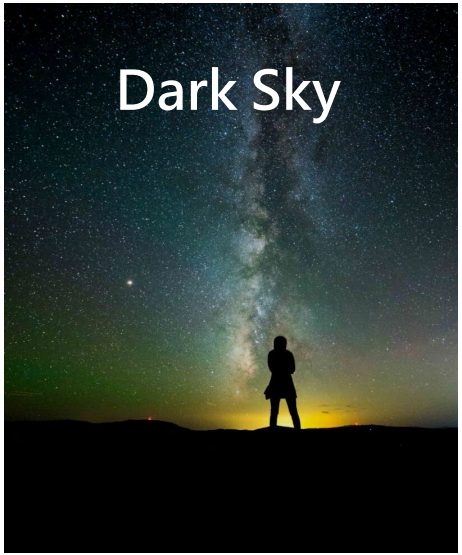
China Energy Label

Green Factory

High Luminous Efficiency

Luminous efficacy up to **210 lm/W**

High-efficiency luminaires + Intelligent Dimming = Over **75%** energy savings compared to high-pressure sodium lamps



Shielded Luminaires

Shielding Lights Down

DarkSky

DarkSky Approved Luminaire

COMMERCIAL PRODUCT FAMILY

Unilumin Group Co., Ltd.

BELUGA

Thank you for being a valued part of the DarkSky Approved Luminaires program—providing quality lighting that protects dark skies and preserves the nighttime environment. These efforts safeguard a shared cultural heritage and keep our stars shining bright.

Ruskin K. Hartley
Executive Director

DarkSky Approved Commercial Luminaire

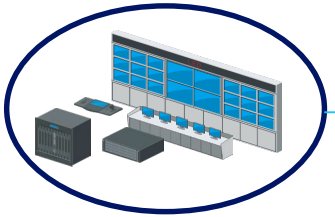
James Brigagliano
Lighting Program Manager

Issued: 2025-05-15
ID#: DS-LUM-10051525

VERSION 3.0

Solution Presentation – System Architecture

Visualization
Large Screen



Intelligent Management
Platform

PC PAD APP

Server

PLC Solution

4G CAT.1 Solution

LoRa/ZigBee Solution

zigbee

LoRaWAN

NB-IoT

Lte

Unilumin

Solution Presentation (Platform) – Highlights

Intelligent control

Street light control
Strategy control
Switch dimming

GIS map

Gls display
Alarm positioning
Quick search
Regional overview

GIS map

Gls display
Alarm positioning
Quick search
Regional overview

Intelligent algorithm Scene linkage

Security monitoring

Power Leakage
Incline of the pole
Water penetration
Circuit box leakage

Dispatch tickets

Real-time dispatch
Registration issuance
Track feedback

Asset management

Asset statistics
Access labels
Scan code preview
Status tracking

APP

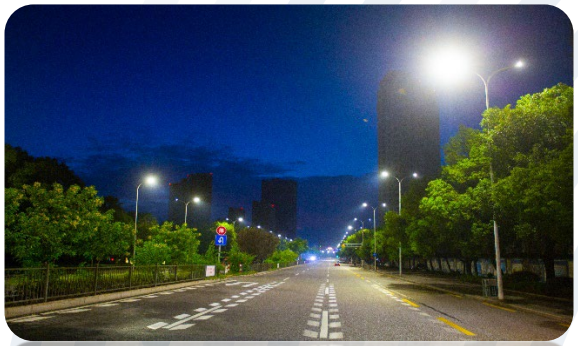
APP

Seven functional modules of the platform achieve unified management, operation, and monitoring of all devices.

Solution Presentation (Hardware) – Highlights

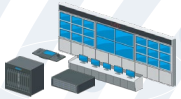
Lighting Fixtures

- Multiple professional light distributions for all road types — no dark spots, no glare.
- High safety, reliability, and weather resistance (UV, salt spray, and temperature shock).



Central Controller

- Modular assembly design enables circuit control expansion, current detection, and more functions.



Single-Lamp Controller

- Unilumin's self-developed single-lamp controller · Enables precise control of individual lamps: positioning, monitoring, switching, and dimming.

Monitoring Center

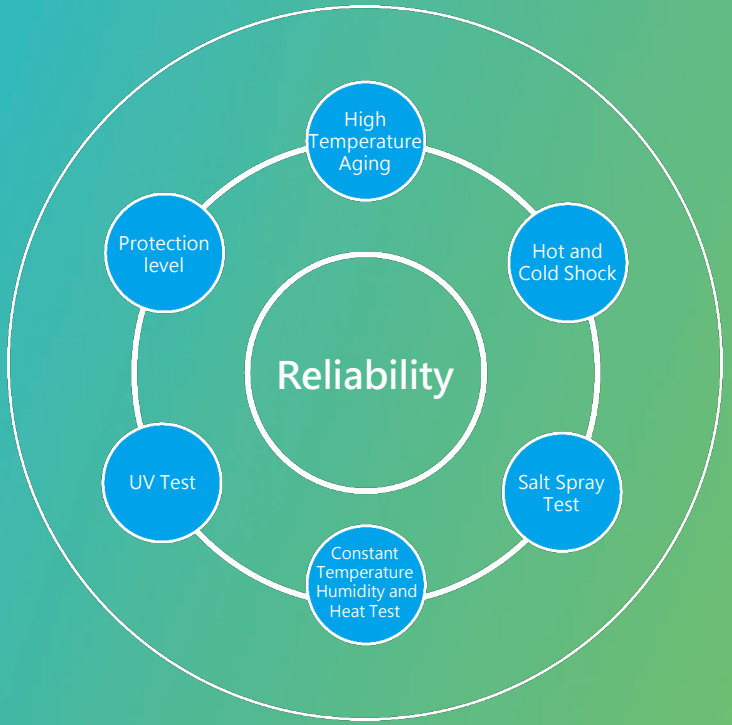
- Intelligent lighting management platform using advanced IoT communication technology achieves visualization, automation, and refined management.

Reliability Design

Signal Integrity | Device Reliability | Environmental Adaptability | EMC

Safety | Producible DFM | Thermal design | Power Reliability

Unilumin Group prioritizes the safety and reliability of products and system design.
With the quality policy of "excellence, quality first, customer satisfaction, and pursuit of excellence", Unilumin continues to improve product quality.
The reliability of LED lighting products and control systems is a complicated design and control process, Quality control is throughout the whole process from product definition, design, production, and other processes.
At the same time, the products have a complete set of the quality control system from the incoming of materials to shipment, covering DQA, IQA, IPQC, FQC, FQA and OQC.
For system design, anti-leakage protection, surge protection, anti-fall, and other safety designs must meet the requirements, and provide a variety of extreme situation protection to ensure the safety application for clients.



Central Laboratory

Unilumin Group has a CNAS nationally accredited laboratory, which has been authorized by SGS and TUV-SUD witness laboratories, and has strong and advanced testing capabilities.

Our product design has passed multiple tests: high temperature aging, hot and cold shock, salt spray test, constant temperature test, UV test, IP protection level and many other high-demanding tests. For products with special requirements, we will add the corresponding professional design and testing.

In the production process, control and testing are carried out on the incoming materials, production process and all aspects of shipment, to ensure that all products are qualified and meet the order requirements.

Distribution Photometer

EMC Laboratory Radiation Interference Test

Central Laboratory

ISO14001 Environmental Management System Certification

ISO45001 Occupational Health and Safety Management System Certification

ISO50001 Energy Management System Certification

ISO9001 Quality Management System Certification

5A Energy Performance Contracting Service Certification

Smart Urban Road Lighting Service Certification

Social Responsibility Management System Certification

IECQ Hazardous Substance Process Management Certification

ISO/IEC 17025 Accredited LAB

The central laboratory of the company has been recognized by CNAS (code L6507), which means its an ISO/IEC 17025 accredited laboratory and become a central lab of SGS, TUV-SUD, TUV Rheinland, UL-WTDP.

It ensures reliable testing data for the design, development, and verification of LED products in the early stage as well as quality assurance for mass production, and also provides the same service to external partners, thus becoming an industry-shared testing platform.

Unilumin

IP Test

UV Test

High-Low Temperature Cycle Test

Thermal Shock Test

Surge Protection Test

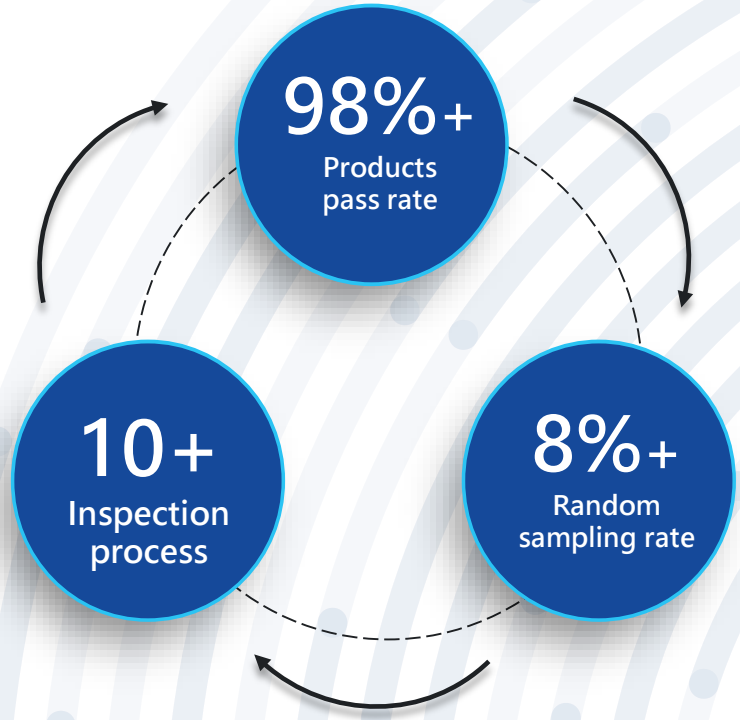
Static Load Test

Ground Resistance Test

Needle Flame Test

Unilumin

Seamless integration of automation and intelligence, ensuring superior production speed and rigorous quality control.



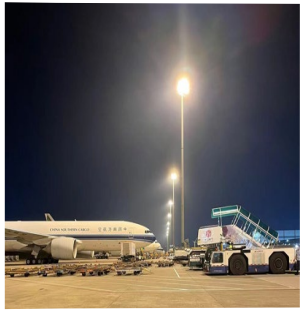
10+ mainstream international certifications

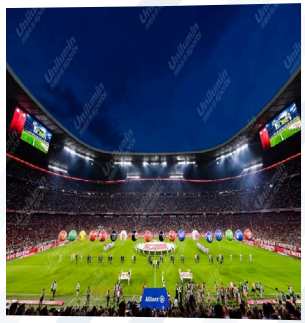
Able to export to **most countries around the world**.

PART 3

3. Products & Solutions

Unilumin

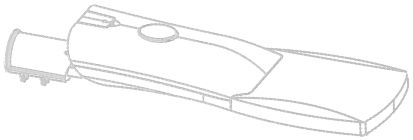




Road & Urban Lighting | Smart City | Large-Area Lighting | Landscape Lighting | Sports Lighting | Solar Lighting

Unilumin offers a diverse range of high-quality **outdoor lighting solutions** to meet the needs of various applications, **enhance safety, visibility, and efficiency in any outdoor environment.**

Unilumin



Road & Urban Lighting

Unilumin road and urban lighting solutions and products can deliver energy-efficient, high-quality illumination that enhances safety, security, and the aesthetic appeal of public spaces. Support for customized designs helps create bright, sustainable environments that meet your unique needs while reducing costs.

Unilumin

High-end Series

Marlin series
2600-38400lm

Manta series
2600-38400lm

Manta+ series
56000lm

Beluga series
1875-45000lm

Shark series
4375-36000lm

Ledolphin series
1875-30000lm

Middle-end Series

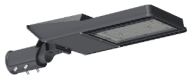
Nano Series
1950-45000lm

NanoLite Series
2600-32000lm

Napro series
2600-17000lm

Orca series
5400-36000lm

Tuna Series
2500-31000lm



Guppy Series
3750-30000lm

Nova Series
2250-15000lm

SharkLite Series
2500-22500lm

Carp series
4800-40000lm

Carp Ⅱ series
4800-32000lm

Cost-effective Series

Econplus Ⅱ Series
2600-13000lm

Econplus Series
2500-6250lm

GuppyLite Series
2600 to 6000 lm

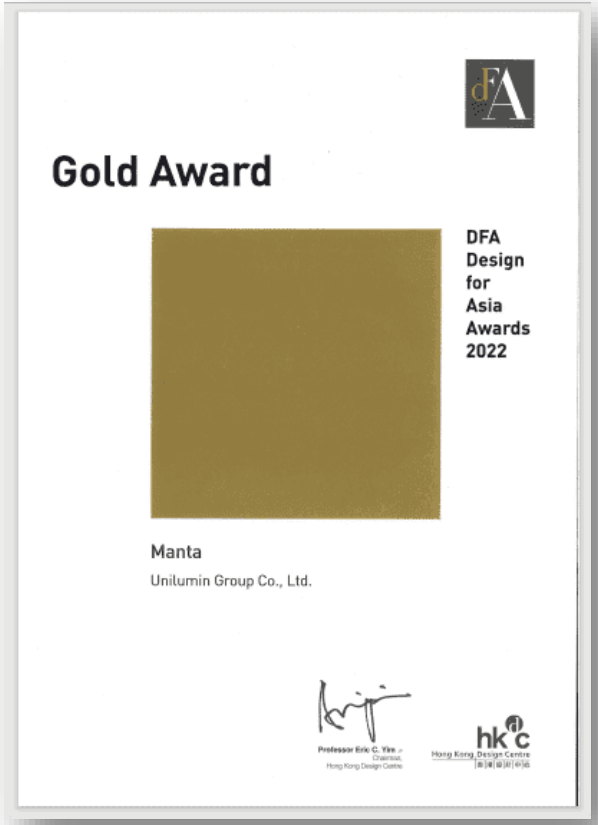
Unilumin

The winner of iF Design Award 2024

Marlin Series

Marlin are equipped with an **innovative tool-free removable electrical compartment design**, allowing for quick and reliable on-site replacement of the entire electrical compartment. The attractive **streamlined and dynamic design** of Marlin minimizes wind resistance, improves reliability, and enhances heat management for an extended lifespan. These streetlights are rugged and durable, capable of withstanding harsh.

Unilumin



The winner of DFA Gold Award 2022

Manta Series

Manta is a cutting-edge LED street light that combines **energy efficiency, environmental friendliness, and innovative design**. With its **smart interfaces and detachable solution**, Manta brings convenience and adaptability to customers, making it the perfect solution for smart cities.

The winner of Red Dot 2020

Beluga Series

With its **aesthetically streamlined, dynamic, and practical design**, Beluga is a **versatile, smart-ready, and highly efficient** product offering professional and sustainable lighting solutions for extensive outdoor applications.

Certificate
Red Dot Winner 2020

The Red Dot is the award for high design quality. The international jury for the Red Dot Award: Product Design only awards this sought-after seal of quality to products that feature an outstanding design. In 2020, in the category "Urban Design", it is presented to:

Beluga

LED Street Light

Manufacturer:
Unilumin
Shenzhen, China

In-house design:
Jianghai Li
Qing Zhou

Essen/Germany, June 2020

Dr. Joseph Francis Wong
Member of the jury
Hong Kong

Simon Ong
Member of the jury
Singapore

Dirk Schumann
Member of the jury
Germany

Professor Dr. Peter Zec
Founder & CEO of Red Dot
Germany

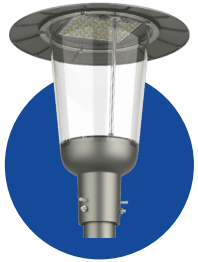
Unilumin

Novel ● Elegant ● Pleasing

Opera

Villa

Zeta



Beta

Reliable Stability

Die-casting aluminum housing
Excellent thermal management

Attractive aesthetic

Stylish design, enhance the charm and competitiveness of you r projects

High Flexibility

Compatible with smart control, strong expandability.

Hassle-free

Equipped with a power-off protection switch, which can protect the luminaire during installation and maintenance

Unilumin

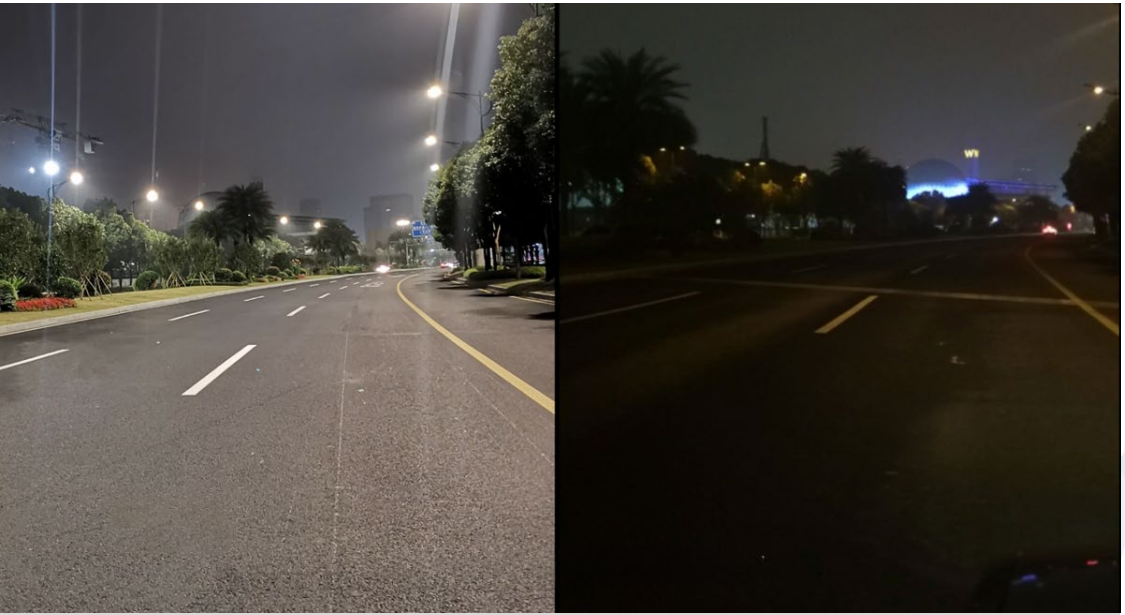
#Brazil São Paulo Street Lighting Project

70% Energy Savings

350,000+ Luminaires Installed

More than **350,000 pcs** Unilumin street lights have been installed to help improve local lighting conditions and greatly reduce energy consumption, which help to bring long-term benefits to local economic development with up to 70% energy-saving.

Unilumin



After Before

Wenzhou Streetlight Energy-Saving Retrofit
(EMC Model)

Project Value: 140 million

Luminaires Installed: 50,000+

Annual Power Savings: 31.54 million kWh

Energy Savings Rate: 65.22%

Annual Standard Coal Reduction: 12,814 tons

Annual Emission Reductions:

31,940 tons CO_2

961 tons SO_2

481 tons NOx

The entire urban area upgraded all streetlights, courtyard lights, and floodlights to LED, including maintenance of supporting facilities such as poles, brackets, foundations, and wiring.

Unilumin

Demonstration Applications

Unilumin Group Co.,Ltd.

ENEE High Efficiency and Low Carbon Street Light Renovation Project in Honduras

Case Introduction

Construction Background

Located in northern Central America, Honduras remains one of Latin America's least developed countries. The establishment of diplomatic relations with China in 2023 and the signing of the "Belt and Road" bilateral cooperation documents have accelerated Honduras' development, though it continues to face constraints including inadequate infrastructure and energy shortages.

Currently, the country's outdated road lighting systems severely compromise traffic safety, regional image, and nighttime economic development, prompting active government efforts to renovate the road lighting systems by seeking efficient and low-carbon lighting solutions.

Case Introduction

The Honduras National Electric Power Authority (ENEE) High Efficiency and Low Carbon Street Light Renovation Project in Honduras represents the country's largest street light renovation project to date. Following an open tender process initiated in the first half of 2023, our company was awarded the contract through a local brand agent in January 2024. After that, we successfully delivered over 80,000 LED street lights to ENEE by March 2024, which were applied in the road lighting renovation project across Honduras.

This project utilizes Masi Series street lights, i.e. high efficiency and low carbon products developed based on Unilumin's "Key Technologies and Industrialization of High-Efficiency Long-Lifetime Semiconductor Lighting" winning the First Prize of the National Science and Technology Progress Award. These products have been accredited by China Electronics Energy Saving Technology Association as low-carbon products, with exceptional luminous efficacy of 170 Lm/W; they also incorporate daylight-sensing controllers for automatic on/off operation, delivering 70% energy conservation compared to conventional street lights. Upon renovation completion, this project will enable ENEE to achieve annual savings of approximately 24.93 million kWh in electricity consumption, reduce CO_2 emissions by 19,447 tons, and conserve 8,227 tons of coals (equivalent to planting 249,317 trees), significantly decreasing energy consumptions and substantially alleviating regional energy shortages. This aligns with the Honduran government's sustainable development policies. With a 10+ year lifetime (far exceeding traditional street lights' 5-year durability), this project products dramatically reduce waste generation and enhance environmental protection. By improving lighting quality and deterring criminal activities, this project contributes to social stability and harmonious social development while establishing a benchmark for future projects.

Promotion Prospects

Experience Enlightenment

This project integrates LED green lighting technology with street light infrastructure, replacing conventional ones through high-efficiency and long-lifetime LED energy conservation technology. The core idea is to enhance the light efficiency and lifetime of lighting fixtures while reducing energy consumption and environmental pollution. It addresses regional energy shortages in alignment with the Honduran government's sustainable development policies, contributing to social stability and harmonious social development.

Compared to small-scale street light renovation, this large-scale high-efficiency low-carbon LED retrofits deliver superior energy conservation and emission reduction effects, minimizes repetitive government evaluation time and labor costs, and simplifies subsequence centralized maintenance and maintenance. The project team concludes that this solution demonstrates superior feasibility for the underdeveloped countries and regions along the "Belt and Road" with limited prior experience in high-efficiency and low-carbon LED lighting renovation.

Promotion Prospects

From the Honduran market perspective, as the country's first large-scale LED street light renovation project, this project has demonstrated remarkable lighting effect, energy-conserving benefits, and regional image enhancement, transforming roads into pathways of public wellbeing, regional development, and carbon neutrality demonstration.

This project is poised to become a typical application case in Honduras, driving wider promotion and adoption of related product solutions nationwide.

It also serves as a typical regional case for the "Belt and Road" initiatives, which can be repeated, used for reference and promoted, with feasible widespread promotion and application across participating regions.

Contact information: 13537815855 Xiao Hua

ENEE High Efficiency and Low Carbon Street Light Renovation Project in Honduras

70% Energy Savings

80,000+ Luminaires Installed

Annual Power Savings: **24.93 million kWh**

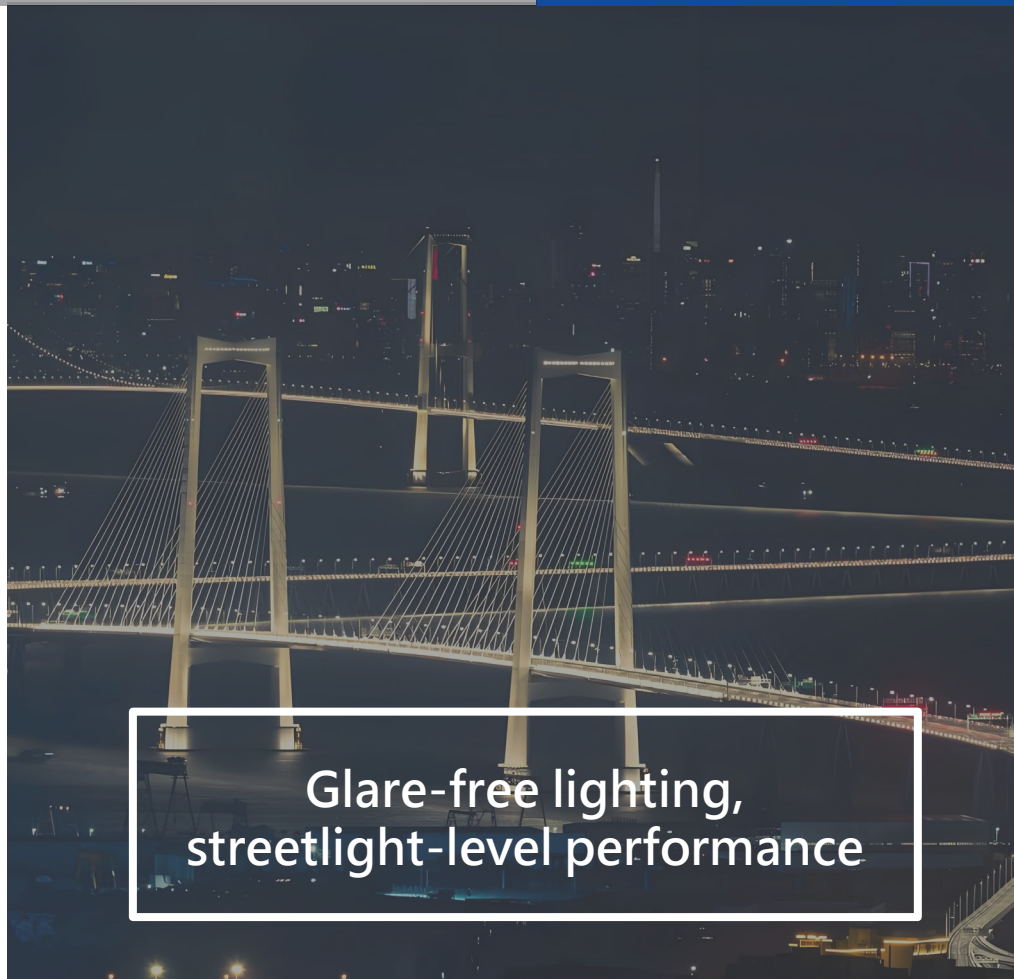
Annual Standard Coal Reduction: **8,227 tons**

Annual Emission Reductions: **19,447 tons CO_2**

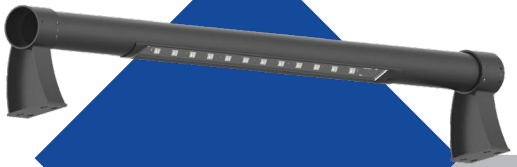
Unilumin

Guardrail Lighting

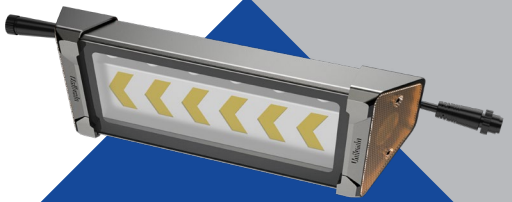
Guardrail lighting solutions from Unilumin offer targeted, energy-efficient illumination that enhances road visibility, guides traffic flow, and boosts nighttime safety. Featuring a glare-free design where light is seen but the fixture remains hidden, and delivering performance comparable to conventional streetlights, they provide durable, adaptable, and cost-efficient lighting for safer, smarter, and more visually coherent roadways.



Unilumin

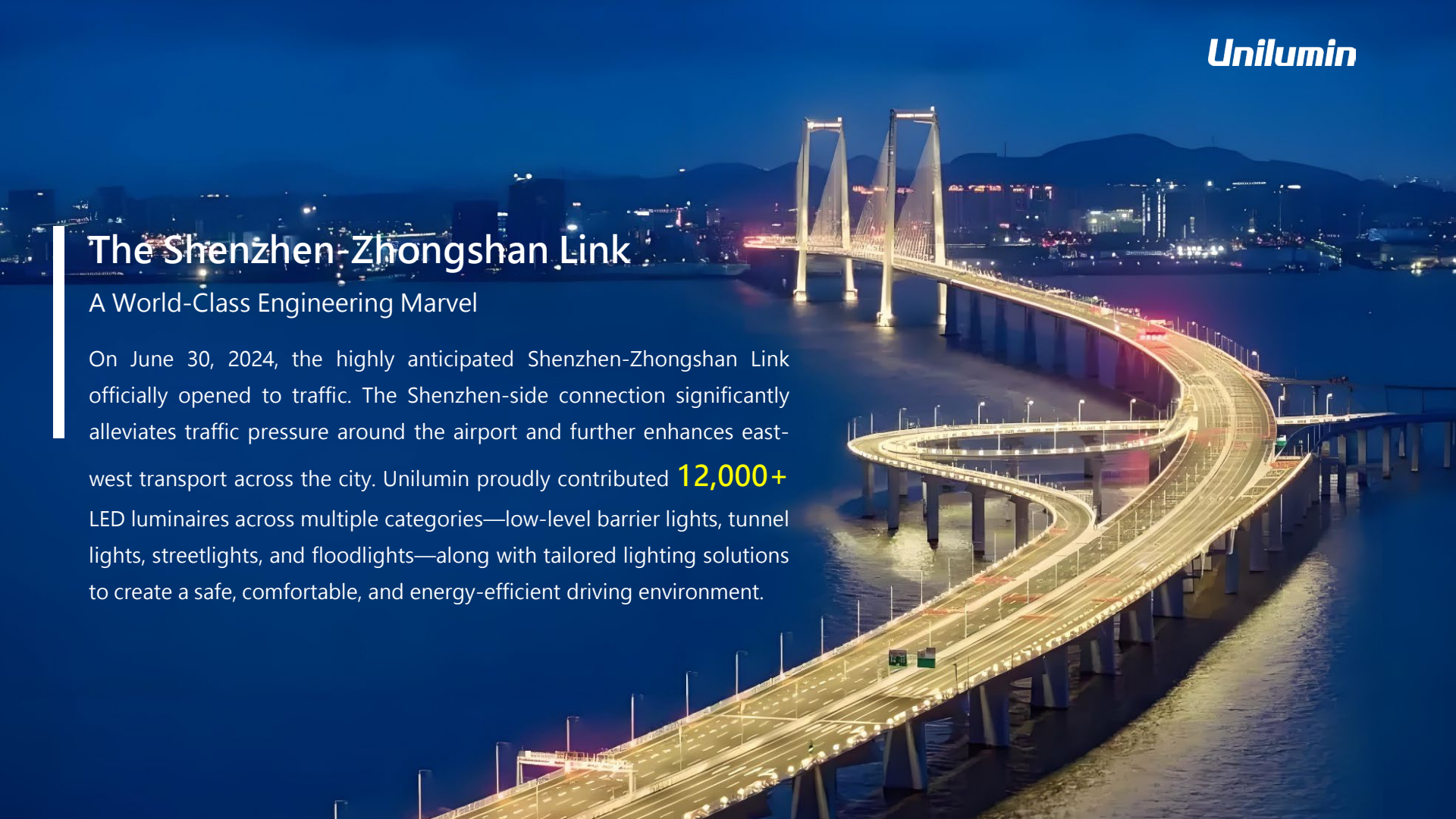


Guardlite L



Guardlite S

- **Application Scenarios:** Bridges, ramps, interchanges
- **Easy Maintenance:** Luminaire height 0.8–1.2m for convenient installation and servicing
- **Flexible Installation:** Compatible with wave guardrails, guardrail posts, concrete barriers, and square steel rails
- **Professional Optics:** Uniform lighting, glare-free, light visible—fixture hidden

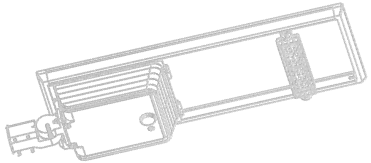


The Shenzhen-Zhongshan Link

A World-Class Engineering Marvel

On June 30, 2024, the highly anticipated Shenzhen-Zhongshan Link officially opened to traffic. The Shenzhen-side connection significantly alleviates traffic pressure around the airport and further enhances east-west transport across the city. Unilumin proudly contributed **12,000+** LED luminaires across multiple categories—low-level barrier lights, tunnel lights, streetlights, and floodlights—along with tailored lighting solutions to create a safe, comfortable, and energy-efficient driving environment.

Unilumin



Solar Lighting Solution

Unilumin solar lighting solutions provide reliable and sustainable lighting for a variety of outdoor spaces, including streets, parks, islands, and parking lots. Our innovative solar technology reduces energy costs and carbon emissions while enhancing visibility and security. With customizable designs and easy installation, our solar lighting solutions offer a hassle-free and cost-effective way to brighten up your outdoor environment.

Unilumin

High-end Series

ELite Ⅱ series
3600-18000lm

ELite Ⅱ-BOT series
5400-14400lm

BriteⅡ series
9000-18000lm

ELite Ⅲ series
4200-21000lm

ELite Ⅲ Pro series
16200-37800lm

Split solar series
3700-17000lm

Cost-effective Series

Essential Ⅰ All in One
2000-4500lm

Essential Ⅰ All in Two
1500-8000lm

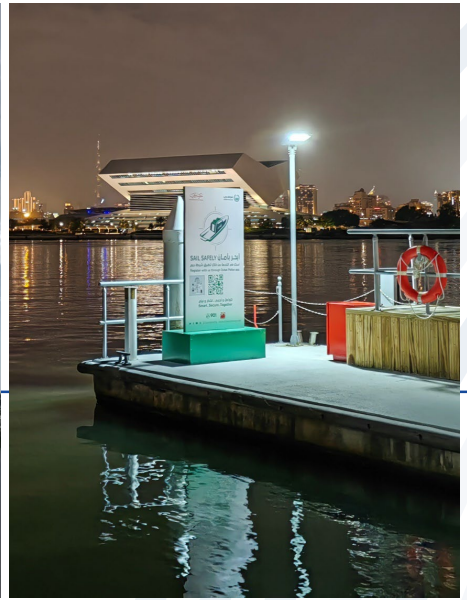
Essential Ⅰ All in Two(Floodlight)
1500-3000lm

All In One

All In Two

Split

Unilumin

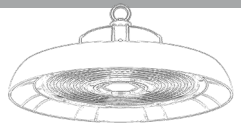


A project in Africa: under the installation height of **6 meters**, a 40 watts lamp can illuminate an ultra-large area of **800 square meters**.

Smart Solar · Zero Carbon Society Construction

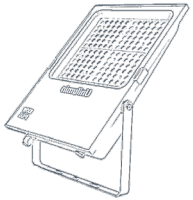
In the Middle and East Africa, Southeast Asia and other areas where solar energy is very abundant but the power infrastructure is not perfect, using smart solar lamps is the most economical, practical and pollution-free solution. With intelligent power-saving technology, the lamps can still work normally in several rainy days, reducing accidents and enhancing social security.

Unilumin



Large Area Lighting Solution

Unilumin large-area lighting solutions provide energy-efficient and high-quality lighting for indoor and outdoor spaces. Our industrial, flood, and sports lighting solutions improve visibility, safety, and productivity in various applications such as sports arenas, airports, classrooms, plazas, warehouses, and factories.



Unilumin

GeniFlood Series

Ideal for billboard, signage lighting applications

Reliable

Die-casting aluminum housing
Excellent heat dissipation design
Anti-fogging & anti-condensation

Flexible

0-270° angle adjustment
Various installation methods
Compatible with radar sensor

Efficient

130lm/W high luminous efficacy
50-60% energy-saving

Versatile

Stylish design for better project image
50-200w wide power range
Various light distribution options

Unilumin

ModuLux Series

Suite for high mast area lighting applications

High Flexibility

Scalable and modular design offers maximum flexibility in applications

Efficient

150lm/W luminous efficacy

Precise light distributions

Robust and durable

Sturdy and durable housing to withstand harsh environments

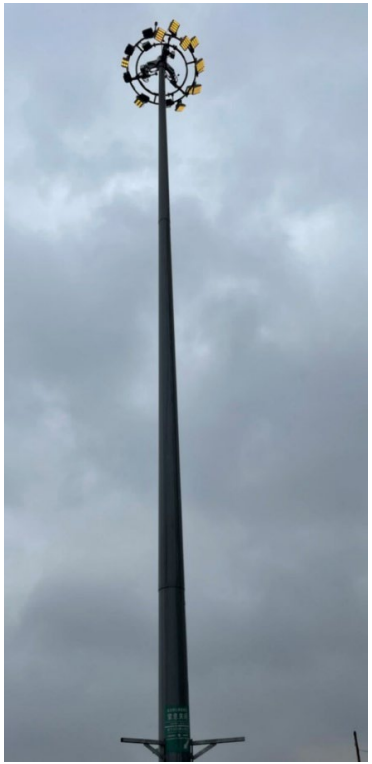
Convenient

Front-service module design

Supports remote control and intelligent lighting management

Smart Airport Apron Lighting Project

Guangzhou Baiyun International Airport, one of China's top three aviation hubs, imposes strict requirements on product reliability, lighting performance, and glare control.



106 high-mast poles for apron lighting

Over 1,000 floodlights

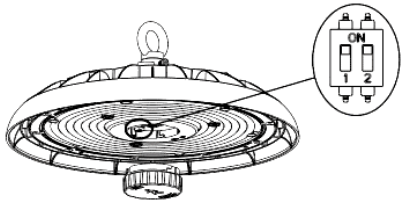
1 intelligent lighting control system

The original HPS fixtures at Guangzhou Baiyun Airport's apron consumed excessive energy, had short lifespans, and required complex maintenance. Unilumin specially developed the Chaoyang Floodlight for this project, featuring:

- 2300K sodium-like color temperature
- Up to 60% energy savings
- Glare control compliant with civil aviation standards

Unilumin

LumiBay Series



Illuminate your industrial space with brillian

Smart

0-10V(Optional)
Day light sensor(Optional)
Microwave sensor(Optional)
PIR sensor(Optional)

Switch to Adjust Power

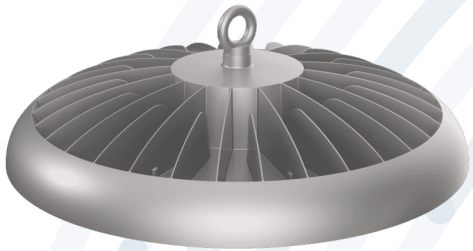
DIP switch 25–200W within one size enhances the flexibility of inventory management

Reliable and Safe

Die-casting aluminum housing
UGR < 28 for visual comfort

Energy Efficient

High luminous efficiency with 160lm/W
Enhanced lighting experience with advanced ripple lenses



Unilumin

BDX-U Series

Brighter games, every angle covered

True Color

CRI > 80, satisfy all kinds of sports lighting level

Efficient Cooling

Integrated aluminum radiator, eäcient heat dissipation

Corrosion Resistance

Wf2, surface powder coating treatment, corrosion-resistant, acid and alkali resistant

HDTV

Supporting HDTV broadcasting standard

Unilumin

LK-B Series

Delivering sharper beams for safer games

Glare Control

Additional visors within reflective aluminum material

Beam Flexibility

Beam angle options include 20°/40°/70°

Corrosion Resistance

Surface spray treatment, corrosion resistance capability is Wf2

Surge Protection

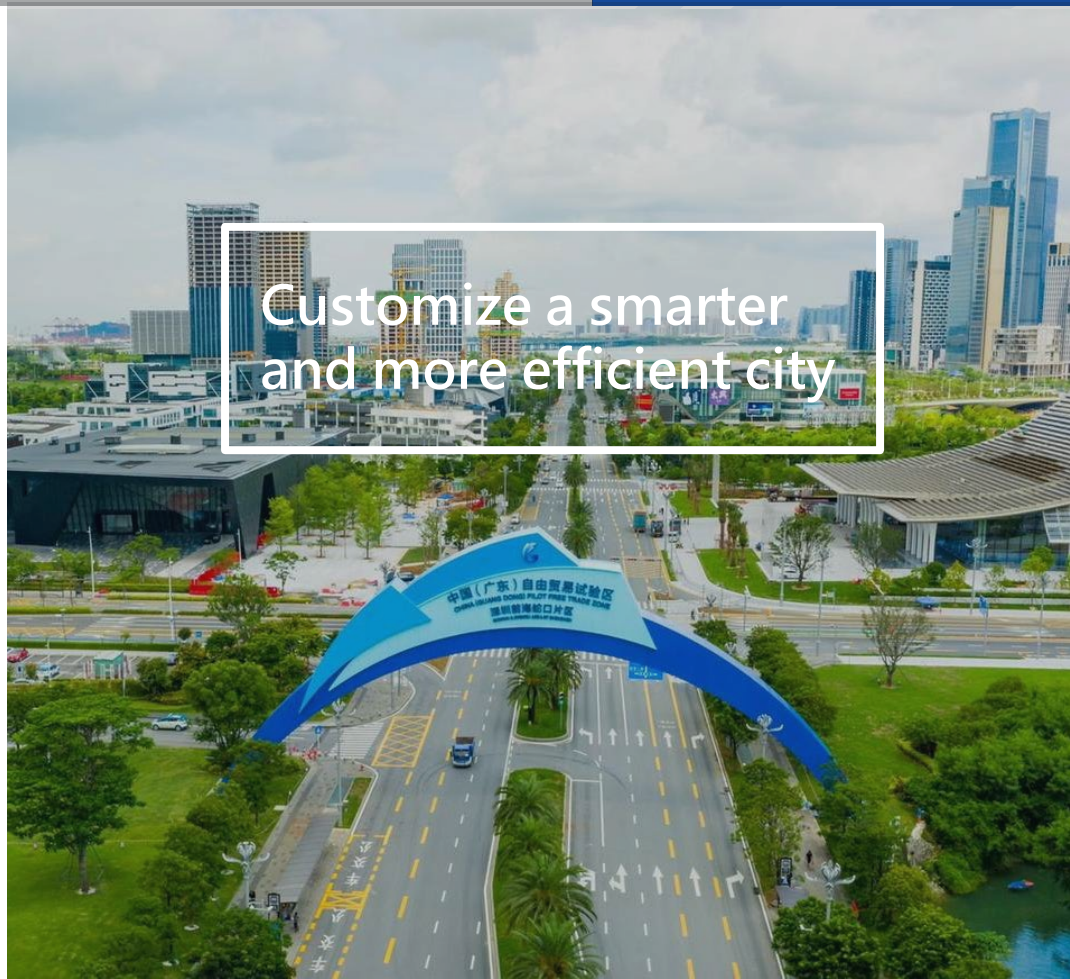
Surge protection level: 10KV/20KV

2018 FIFA World Cup Russia | Luzhniki Stadium | 350 sqm

Unilumin

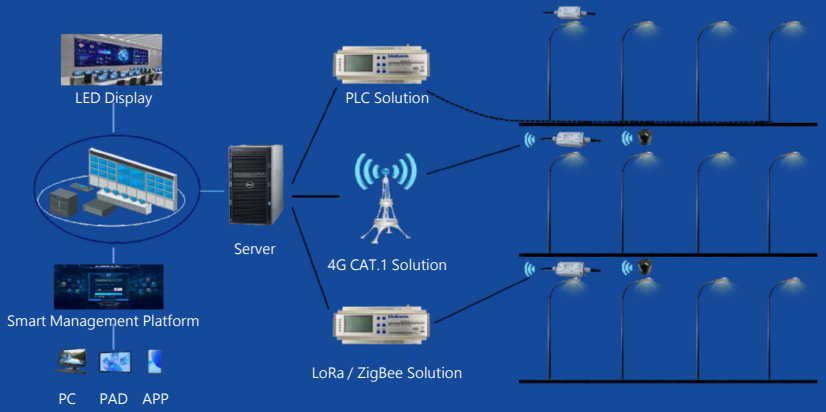
Smart City Solution

Unilumin smart poles use the integrated light pole to perform multiple public service functions to bring unprecedented benefits and convenience while providing basic lighting performance, making it easier for cities and individuals to customize a smarter and more efficient city, which is important for a sustainable world.



Unilumin

Smart Road Lighting Solution



Smart Pole Solution

Unilumin smart poles use the integrated light pole to perform multiple public service functions to bring unprecedented benefits and convenience while providing basic lighting performance, making it easier for cities and individuals to customize a smarter and more efficient city

Endless possibilities, customized design

Highly integrated solutions that encompass hardware, software, content, and systems

Unilumin Smart Pole Platform

Lighting on Demand
Greatly reduces energy consumption

Management System
Achieve management in time on demands

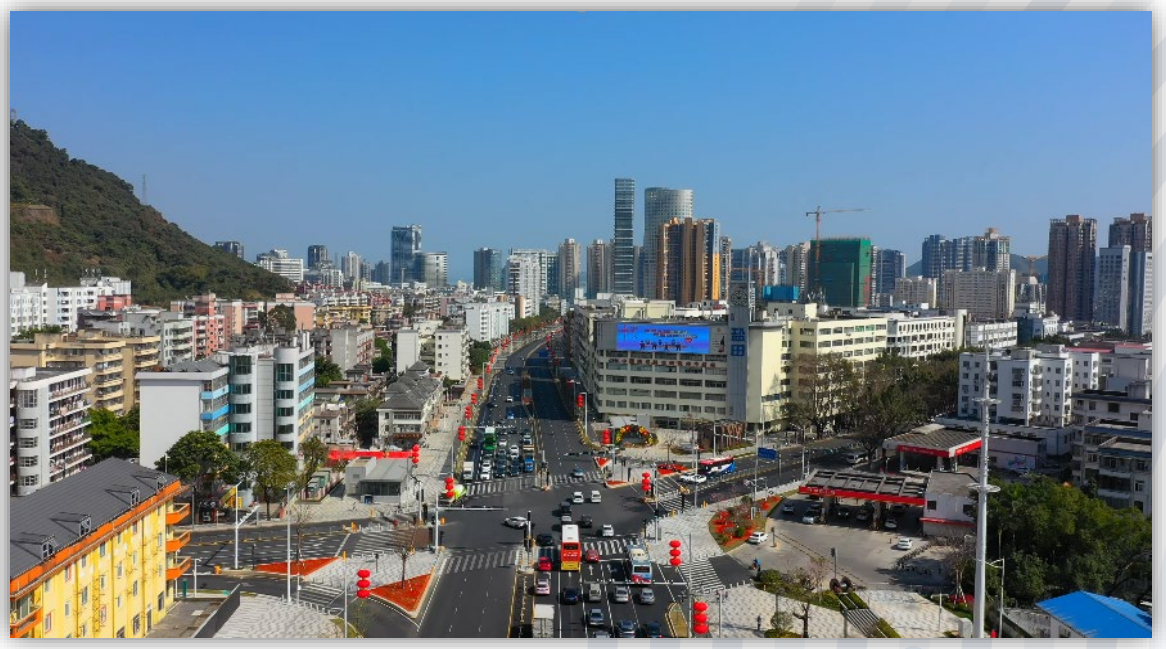
Enhances Urban Safety
Security monitoring and traffic flow alarm

Big Data Collection
analysis facilitates smart decision-making

Streamline management and achieve the smart city vision effortlessly with our comprehensive and user-friendly smart pole control system.

Unilumin

As the main road in Yantian District, Shenzhen-Yantian Avenue starts from Wutongshan Tunnel in the west and ends at Dongwan No.3 Road in the east. It is a **compound urban landscape avenue** with the functions of public transportation and slow traffic system, and faces many problems such as numerous pole pieces, messy network layout, and inability to unify resources and data.



273 sets
Pole Pieces

200+ sets
Kinds of Fill Lights

110 sets
Signal Lamps

54 sets
Surveillance Cameras

48 sets
Electronic Ppolice

9 sets
Panoramic Cameras

55 sets
Opposite Access

1 set
Traffic Guidance Screen and Supporting Equipment

Landscape Improvement Project of Shenzhen-Yantian Avenue

With the goal of multi-pole integration, Unilumin has intensively built the systems of **traffic signal control, video monitoring, traffic guidance screen, signs** and other **street lighting** in Shenzhen-Yantian Avenue, and reserved smart city equipment interfaces such as **5G base stations, environmental monitoring and IOT**, completed the docking with traffic police, public security and other systems, completed the project implementation ahead of schedule, and won public praise.

Unilumin

Past

Light & Display

Professional product provider

Independent business

Now

Light + Display

Propose Metasight solutions

Product portfolio sales

Integrated intelligent control system

of LED display + LED lighting

Future

Metasight

Metasight scene solution provider

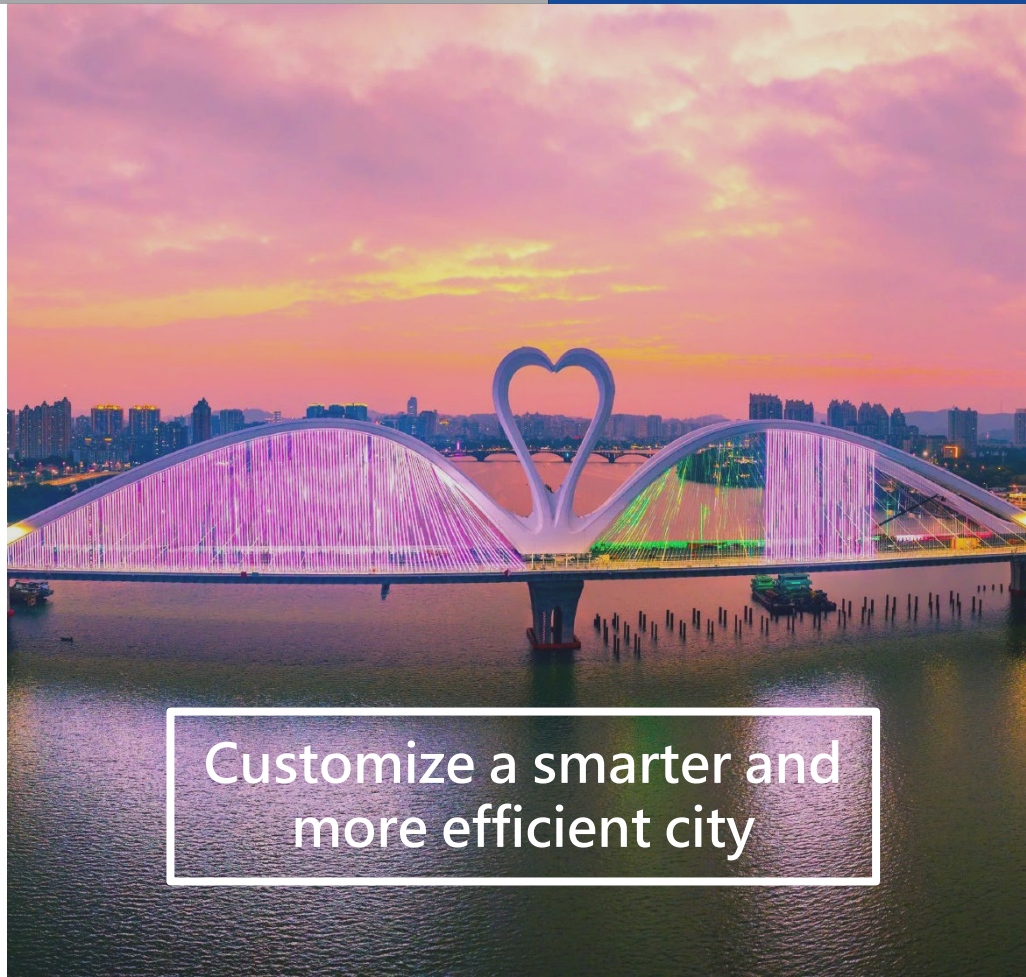
Overall scene design + unified control

Hardware + Content + Design + Software+

Management

Landscape Lighting Solutions

Unilumin landscape lighting is evolving from traditional functional lighting to a more artistic, intelligent, and immersive experience. It aims to create a foundational atmosphere for daily life while enhancing overall aesthetic quality and value. Each functional zone is designed around a unified theme and purpose, ensuring cohesive storytelling and a strong visual rhythm.



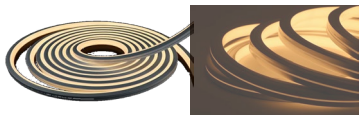
Unilumin

Pixel lights

Φ22-30-40-50
0.25W-2.8W

Wall washers
12-72W

Linear lights
10-15W

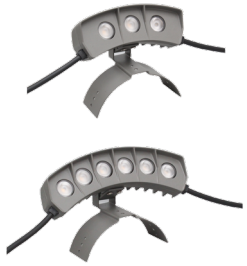


Flexible LED strips

1010
1018
1616
2020
1406
10475

Floodlights 8-150W (MAX600W)

In-ground & linear buried lights



Corrugated facade lights
6-12W

Unilumin

Unilumin landscape lighting projects are being implemented across China, earning widespread praise from clients and the public for outstanding design and reliable quality.

Commercial complexes

Bridge illumination

Schools

Unilumin

The emergence of Metasight is the process of using LED innovation and technology to comprehensively upgrade the scenes to **discover new opportunities** and **realize the value-added process for your enterprise**

Commercial complex

Sports complex

Technology & art space

Media & entertainment space

Cultural tourism complex

Industrial chain extension

Metasight City

PART 5

4. Cooperation Model

Channel Distribution

Officially authorized partners representing Unilumin Lighting to carry out sales, services, and brand promotion within specific regions or industries.

Direct Project Sales

Joint venture model for large-scale projects (EMC, PPP, ESE), where Unilumin and clients co-invest and co-manage.

OEM/ODM Services

One-stop "Design + Manufacturing" solutions for branded partners.

Unilumin

From Supplier to Strategic Partner — Unilumin Value Empowerment System

Brand Empowerment

Backed by the credibility of a listed company, enhancing trust and brand recognition

Capability Building

Comprehensive training, design support, sales tools, and technical documentation to boost partner professionalism and efficiency

Profit Protection

Competitive pricing, rebate and incentive plans based on sales performance

Diverse Product Portfolio

Scenario-based solutions covering road, landscape, sports, and solar lighting. Smart, energy-saving, and eco-friendly designs tailored to various markets

Marketing Collaboration

Precise lead generation, co-marketing campaigns, exhibition support, and online/offline promotion to enhance market visibility and conversion

Territory Protection

Exclusive regional authorization with renewal priority for meeting annual targets

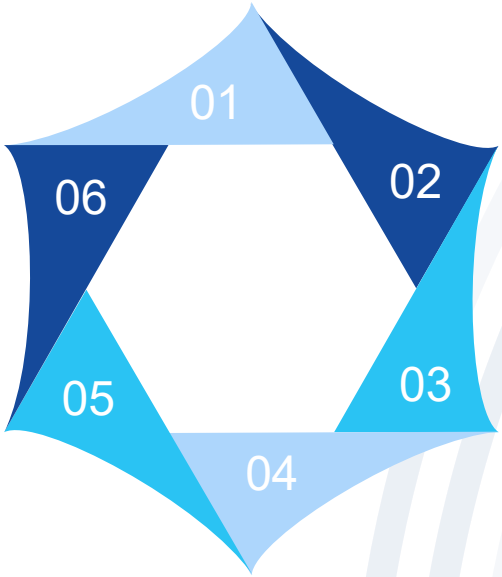
Unilumin

Sample Support

75% discount on project, showroom, and exhibition samples before Q3

Flexible Payment Terms

30–180 days credit based on customer profile



Customized Support

Rapid product customization (structure, optics, color) based on market demand

Showroom Support

Design blueprints, demo units, and promotional materials provided

Priority Production

VIP factory access with 15–20 day delivery for registered high-potential projects (standard: ~35 days)

Lead Referral

Inquiries and orders within authorized territory directed to the partner

Unilumin

Goal: Build a synergistic ecosystem of brand, market, and profit.

1

Brand representation

- All products must be delivered under the Unilumin brand.
- Cooperate with Unilumin to implement brand sales strategies.

2

Sales target achievement

- Quarterly sales targets must be broken down into actionable plans.
- Submit monthly project progress reports.

3

Order & project management

- Submit project order forecasts 15–30 days in advance.
- Stock orders must account for at least 20% of the annual purchase target.

4

Signature case development

- Complete at least one representative benchmark project each year (either in a key region or with over 100 units).

5

Strategic execution

- Participate in new product launch programs.
- Adhere to and support the unified pricing system.

6

Client relationship maintenance

- Responsible for customer relationship management and technical support within the assigned region.

Unilumin

Voluntary Withdrawal: Written notice 30–90 days in advance (negotiable).

Unilumin reserves the right to terminate in cases of

- Serious breach (e.g., price dumping, cross-territory sales)
- Brand reputation damage
- Repeated failure to meet sales targets
- Unauthorized transfer of distribution rights

Policy Validity

This policy is effective throughout 2025. For example, Unilumin Lighting will adhere to this policy framework in all distributor partnerships during the year, ensuring clarity and consistency in cooperation.

Right of Interpretation

The final interpretation of this policy resides with the Lighting Product Line team. For instance, if any clause requires clarification, the Lighting Product Line is responsible for providing official explanations to ensure proper understanding and implementation.

Unilumin

THE LED LIGHTING APPLICATION PIONEER

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