

**Unilumin**

# LED Outdoor Lighting

Together, for a brighter future

**Unilumin**

Stock Code: 300232

UNILUMIN GROUP CO., LTD

HQ Address: 112 Yongfu Rd., Qiaotou Village, Fuyong Town,  
Baoan District, Shenzhen 518103 China

Manufacturing Base: Unilumin Industrial Park, 6 North Lanjing Road  
Pingshan District, Shenzhen, China

TEL: +86-0755-29918999

FAX: +86-0755-29912092

E-mail: [ledlighting@unilumin.com](mailto:ledlighting@unilumin.com)

[www.unilumin.com](http://www.unilumin.com)

[www.unilumin-lighting.com](http://www.unilumin-lighting.com)

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**TOGETHER,  
FOR A BRIGHTER FUTURE**



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## ABOUT UNILUMIN

Unilumin Group Co., Ltd. (stock code 300232) was established in 2004 and listed on China Exchange in 2011, is a world-class LED solution provider of high-quality LED display and lighting products. Unilumin Group has been the world's No.1 exporter of LED displays for over five consecutive years.

As a key business of Unilumin Group, Unilumin Lighting has established a firm foothold in the LED lighting industry. Through years of relentless dedication in R&D and Sales & Marketing, Unilumin has been recognized as a top LED lighting brand for its leading-edge products, excellent services, worldwide presence and core competitive edge.

Unilumin Lighting is committed to providing high-quality and high-performance LED professional lighting and urban landscape lighting products and solutions to customers, Unilumin Lighting has wide marketing and service network in Europe, Asia Pacific, Latin America and North America to cater for its global customers. Unilumin has always focused on the R&D and innovation of LED products. Up to now, Unilumin has filed and owned more than 1,000 patents, both domestic and overseas.



Headquartered in Bao An District, Shenzhen, China with an area of 18,000 sq. m



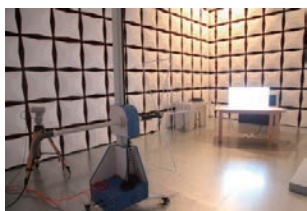
Science & Technology Park in Pingshan District, Shenzhen, China with an area of 75,000 sq. m



Manufacturing Base in Daya Bay, Huizhou, China with a total area of 400,000 sq. m, of which 200,000 sq. m as the second phase is under construction.

# UNILUMIN LABORATORY

Unilumin Central Laboratory is an advanced ISO/IEC 17025 CNAS accredited testing laboratory (Lab Code L6507) and eyewitness testing laboratory for SGS, TUV-SUD, TUV Rheinland, UL-WTDP. It is the co-construction unit of CSA state key laboratory for semiconductor lighting innovation. The laboratory provides reliable testing data for the design, development and verification of new products in the early stage, quality assurance for mass production, it also provides the same service for external customers, making it a testing platform shared by the industry.



## PRODUCTION LINE

Unilumin owns R&D talents and advanced automated production systems. Unilumin has invested over US\$ 50 million in importing and setting up advanced production lines, including 36 high-speed SMT module lines from Panasonic and Fuji, the automatic assembling production, auto water-proof test facilities and aging lines for LED outdoor lighting, LED DOB modules, automatic glue pouring lines.

## Beluga 125 / 140 / 150lm/W



MICRO



UNI-STB1-2-060



UNI-STB1-3-090

MINI



UNI-STB1-4-120



UNI-STB1-5-090

MIDI



UNI-STB1-6-150



UNI-STB1-7-180 / 200

MAXI



UNI-STB1-8-180 / 200



UNI-STB1-9-240 / 280 / 300

MAXI PLUS

**Model:**

UNI-STB1-1-015 / 025 / 035 / 045

**Rated Power:**

15-45W

**Fixture Lumen Output:**

1875-6750lm

**Model:**

UNI-STB1-2-060 / UNI-STB1-3-090

**Rated Power:**

60-90W

**Fixture Lumen Output:**

7500-13500lm

**Model:**

UNI-STB1-4-120 / UNI-STB1-5-090

**Rated Power:**

90-120W

**Fixture Lumen Output:**

11250-18000lm

**Model:**

UNI-STB1-6-150 / UNI-STB1-7-180 / 200

**Rated Power:**

150-200W

**Fixture Lumen Output:**

18750-30000lm

**Model:**UNI-STB1-8-180 / 200 /  
UNI-STB1-9-240 / 280 / 300**Rated Power:**

180-300W

**Fixture Lumen Output:**

22500-45000lm

## Manta 130 / 150 / 160lm/W



MICRO



UNI-STC3-2(40-60W)



UNI-STC3-3(90W)

MINI



MIDI



MAXI

**Model:**

UNI-STC3-1(20-60W)

**Rated Power:**

20-60W

**Fixture Lumen Output:**

2600-9000lm

**Model:**

UNI-STC3-2(40-60W) / STC3-3(90W)

**Rated Power:**

40-90W

**Fixture Lumen Output:**

6400-14400lm

**Model:**

UNI-STC3-4(120-150W)

**Rated Power:**

120-150W

**Fixture Lumen Output:**

15600-24000lm

**Model:**

UNI-STC3-5(180-240W)

**Rated Power:**

180-240W

**Fixture Lumen Output:**

23400-38400lm



## Sharklite 125 / 140 / 150lm/W



MICRO

**Model:**  
UNI-STB7-1-020 / 030 / 040 / 060  
**Rated Power:**  
20-60W  
**Fixture Lumen Output:**  
2500-8400lm



MINI

**Model:**  
UNI-STB7-2-060 / 080 / 090 / 100  
**Rated Power:**  
60-100W  
**Fixture Lumen Output:**  
7500-15000lm



MIDI

**Model:**  
UNI-STB7-3-120 / 150  
**Rated Power:**  
120-150W  
**Fixture Lumen Output:**  
15000-22500lm

## Shark 125 / 140 / 150lm/W



MINI

**Model:**  
UNI-STA3-1-035 / 060  
**Rated Power:**  
35-60W  
**Fixture Lumen Output:**  
4375-9000lm



MIDI

**Model:**  
UNI-STA3-2-090 / 120  
**Rated Power:**  
90-120W  
**Fixture Lumen Output:**  
11250-18000lm



MAXI

**Model:**  
UNI-STA3-3-150 / 180 / 200 / 240  
**Rated Power:**  
150-240W  
**Fixture Lumen Output:**  
18750-36000lm

## Ledolphin 125 / 140 / 150lm/W



MICRO

**Model:**  
UNI-STA8-1-015 / 025 / 035 / 045  
**Rated Power:**  
15-45W  
**Fixture Lumen Output:**  
1875-6750lm



MINI

**Model:**  
UNI-STA8-2-060  
**Rated Power:**  
60W  
**Fixture Lumen Output:**  
7500-9000lm



MIDI

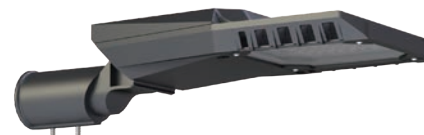
**Model:**  
UNI-STA8-3-090 / 120  
**Rated Power:**  
90-120W  
**Fixture Lumen Output:**  
11250-18000lm



MAXI

**Model:**  
UNI-STA8-4-150 / 180 / 200  
**Rated Power:**  
150-200W  
**Fixture Lumen Output:**  
18750-30000lm

## Tuna 125 / 155lm/W



MICRO

**Model:**  
UNI-STB9-1-020 / 030 / 040  
**Rated Power:**  
20-40W  
**Fixture Lumen Output:**  
2500-6200lm



MINI

**Model:**  
UNI-STB9-2-050 / 060 / 075  
**Rated Power:**  
45-60W  
**Fixture Lumen Output:**  
5625-9300lm



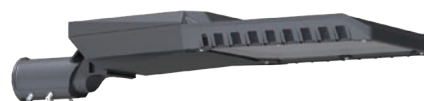
MINI PLUS

**Model:**  
UNI-STB9-3-090 / 100 / 120  
**Rated Power:**  
90-120W  
**Fixture Lumen Output:**  
11250-18600lm



MIDI

**Model:**  
UNI-STB9-4-150  
**Rated Power:**  
150W  
**Fixture Lumen Output:**  
18750-23250lm



MAXI

**Model:**  
UNI-STB9-5-180 / 200  
**Rated Power:**  
180-200W  
**Fixture Lumen Output:**  
22500-31000lm

## LED Street Lights

### Nano 125 / 140 / 150lm/W



MICRO

**Model:**

UNI-STA7-0-015 / 020 / 030 / 040 / 050

**Rated Power:**

15-52W

**Fixture Lumen Output:**

2100-7800lm



MINI

**Model:**

UNI-STA7-1-015 / 020 / 030 / 040 / 050 / 060

**Rated Power:**

15-60W

**Fixture Lumen Output:**

1875-9000lm



MINI PLUS

**Model:**

UNI-STA7-4-070 / 080 / 090 / 100

**Rated Power:**

70-100W

**Fixture Lumen Output:**

8750-15000lm



MIDI

**Model:**

UNI-STA7-3-070 / 080 / 090 / 100 / 120 / 150

**Rated Power:**

70-150W

**Fixture Lumen Output:**

8750-22500lm



MAXI

**Model:**

UNI-STA7-5-180 / 200 / 220 / 240

**Rated Power:**

180-280W

**Fixture Lumen Output:**

22500-42000lm

## LED Street Lights

### Guppy 125 / 150lm/W



MICRO

**Model:**

UNI-STB8-1-030 / 040

**Rated Power:**

30-40W

**Fixture Lumen Output:**

3750-6000lm



MINI

**Model:**

UNI-STB8-2-050 / 060 / 070 / 080

**Rated Power:**

50-80W

**Fixture Lumen Output:**

6250-12000lm



MINI PLUS

**Model:**

UNI-STB8-3-090 / 100 / 120

**Rated Power:**

90-120W

**Fixture Lumen Output:**

11250-18000lm



MIDI

**Model:**

UNI-STB8-4-150

**Rated Power:**

150W

**Fixture Lumen Output:**

18750-22500lm



MAXI

**Model:**

UNI-STB8-5-180 / 200

**Rated Power:**

180-200W

**Fixture Lumen Output:**

22500-30000lm



## LED Street Lights

### EcoFlex 130 / 150lm/W



MICRO

**Model:**

UNI-STB3-0-030 / 040

**Rated Power:**

30-40W

**Fixture Lumen Output:**

3900-6000lm

**Model:**

UNI-STB3-1-050 / 060

**Rated Power:**

50-60W

**Fixture Lumen Output:**

6500-9000lm



MICRO PLUS

**Model:**

UNI-STB3-2-070 / 80

**Rated Power:**

70-80W

**Fixture Lumen Output:**

9100-12000lm



MINI

**Model:**

UNI-STB3-3-090 / 100 / 120

**Rated Power:**

90-120W

**Fixture Lumen Output:**

11700-18000lm



MINI PLUS

**Model:**

UNI-STB3-4-130 / 140 / 150 / 160

**Rated Power:**

130-160W

**Fixture Lumen Output:**

16900-24000lm



MIDI

**Model:**

UNI-STB3-5-180 / 200

**Rated Power:**

180-200W

**Fixture Lumen Output:**

22400-30000lm



MAXI

## LED Street Lights

### Eco 130lm/W



MICRO

**Model:**

UNI-STB3-1-030 / 040 / 050 / 060

**Rated Power:**

30-60W

**Fixture Lumen Output:**

3900-7800lm



MINI

**Model:**

UNI-STB3-2-070 / 080

**Rated Power:**

70-80W

**Fixture Lumen Output:**

9100-10400lm



MINI PLUS

**Model:**

UNI-STB3-3-090 / 100 / 120

**Rated Power:**

90-120W

**Fixture Lumen Output:**

11700-15600lm



MIDI

**Model:**

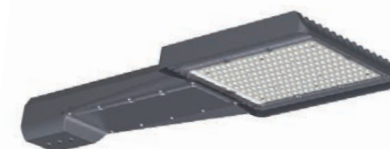
UNI-STB3-4-150 / 160

**Rated Power:**

150-160W

**Fixture Lumen Output:**

19500-20800lm



MAXI

**Model:**

UNI-STB3-5-180 / 200 / 210

**Rated Power:**

180-210W

**Fixture Lumen Output:**

23400-27300lm

LED Street Lights

EconPlus 125lm/W



MINI



MIDI

**Model:**  
UNI-STB5-1-020 / 030  
**Rated Power:**  
20-30W  
**Fixture Lumen Output:**  
2500-3750lm

**Model:**  
UNI-STB5-2-040 / 050  
**Rated Power:**  
40-50W  
**Fixture Lumen Output:**  
5000-6250lm

I-Lux 110 / 130lm/W



**Model:**  
UNI-ST05-1K / 2 2K / 3 / 4  
**Rated Power:**  
65-250W  
**Fixture Lumen Output:**  
7150-32500lm

NOVA Canopy 155lm/W

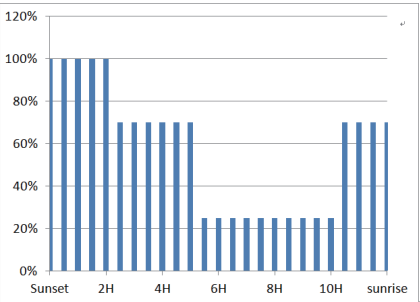


**Model:**  
UNI-RC01-1-030 / 40 / 60 / 80  
**Rated Power:**  
30-80W  
**Fixture Lumen Output:**  
4650-12400lm

LED Solar Street Lights

SunMaster Split 175lm/W

**Model:** UNI-STA7-1/3/4  
**Rated Power:** 20-100W  
**Fixture Lumen Output:** 3500-17500lm



Working Mode

Product Model	Rated Power	Lumen Output	Solar Panel	System Voltage	Battery
					AH
Nano mini	20W	3500lm	18V, 80Wp, 1pcs	12V	35
Nano mini	30W	5250lm	18V, 100Wp, 1pcs	12V	54
Nano mini	40W	7000lm	18V, 120Wp, 1pcs	12V	72
Nano mini	50W	8750lm	18V, 80Wp, 2pcs	12V	88
Nano mini	60W	10500lm	18V, 100Wp, 2pcs	24V	54
Nano mini plus	60W	10500lm	18V, 100Wp, 2pcs	24V	54
Nano midi	80W	14000lm	18V, 120Wp, 2pcs	24V	70
Nano midi	100W	17500lm	18V, 150Wp, 2pcs	24V	88

The configurations are based on the peak sunshine duration in South Africa and the specified working mode.

SunMaster ELite 170lm/W



Model: UNI-SLEC-1  
Rated Power: 30-80W  
Fixture Lumen Output: 5100-13600lm

Working Model: PRI/Microwave sensor  
When someone approaches: 2H 100%,3H 50%,6H 20%, 1H 30%  
When no one pass by: 20%

Rated Power	Lumen Output	Solar Panel	System Voltage	Battery
				AH
30W	5100lm	40W	12V	18
40W	6800lm	50W	12V	24
50W	8500lm	60W	12V	30
60W	10000lm	80W	24V	18
70W	12000lm	90W	24V	24
80W	13600lm	100W	24V	24

The configurations are based on the peak sunshine duration in South Africa and the specified working mode.

SunMaster Brite 170lm/W



Model: UNI-SLED-1 / 2 / 3 / 4  
Rated Power: 20-80W  
Fixture Lumen Output: 3400-13600lm

The first 6 hours working Model is Daylight Control + Time Control  
The last 6 hours working Model is intelligent microwave sensor.

Rated Power	Lumen Output	Solar Panel	System Voltage	Battery
				AH
20W	3400lm	60W	12V	24
40W	6800lm	80W	12V	36
60W	10200lm	120W	12V	50
80W	13600lm	120W	24V	32

The configurations are based on the peak sunshine duration in South Africa and the specified working mode.



## LED Flood Lights

### GeniFlood 115 / 130lm/W



MICRO

**Model:**  
UNI-PR13-1-050  
**Rated Power:**  
50W  
**Fixture Lumen Output:**  
5750-6500lm



MINI

**Model:**  
UNI-PR13-2-100  
**Rated Power:**  
100W  
**Fixture Lumen Output:**  
11500-13000lm



MIDI

**Model:**  
UNI-PR13-3-150  
**Rated Power:**  
150W  
**Fixture Lumen Output:**  
17250-19500lm

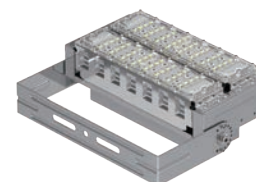


MAXI

**Model:**  
UNI-PR13-4-200  
**Rated Power:**  
200W  
**Fixture Lumen Output:**  
23000-26000lm

## LED Flood Lights

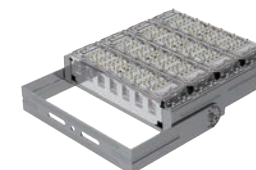
### ModuLux 120 / 150lm/W



**Model:** UNI-PR05-2  
**Rated Power:** 80-120W  
**Fixture Lumen Output:** 9600-18000lm



**Model:** UNI-PR05-3  
**Rated Power:** 150-200W  
**Fixture Lumen Output:** 18000-30000lm



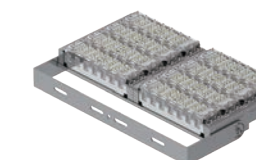
**Model:** UNI-PR05-4  
**Rated Power:** 240W  
**Fixture Lumen Output:** 28800-36000lm



**Model:** UNI-PR05-5  
**Rated Power:** 300W  
**Fixture Lumen Output:** 36000-45000lm



**Model:** UNI-PR05-6  
**Rated Power:** 360W  
**Fixture Lumen Output:** 43200-54000lm



**Model:** UNI-PR05-8  
**Rated Power:** 400-500W  
**Fixture Lumen Output:** 48000-75000lm

## LED Flood Lights

### Unicorn 130lm/W



**Model:** UNI-PRE5-1-250  
**Rated Power:** 250W  
**Fixture Lumen Output:** 32500lm



**Model:** UNI-PRE5-2-500  
**Rated Power:** 500W  
**Fixture Lumen Output:** 65000lm



**Model:** UNI-PRE5-3-750  
**Rated Power:** 750W  
**Fixture Lumen Output:** 97500lm



**Model:** UNI-PRE5-4-1000  
**Rated Power:** 1000W  
**Fixture Lumen Output:** 130000lm



**Model:** UNI-PRE5-5-1250  
**Rated Power:** 1250W  
**Fixture Lumen Output:** 162500lm

## LED Flood Lights

### Bigeye 130lm/W



UNI-PRE6-1-400 / 500

**Model:**  
UNI-PRE6-1-400 / 500  
**Rated Power:**  
400-500W  
**Fixture Lumen Output:**  
52000-65000lm



UNI-PRE6-1-800 / 1000

**Model:**  
UNI-PRE6-1-800 / 1000  
**Rated Power:**  
800-1000W  
**Fixture Lumen Output:**  
104000-130000lm

## LED Landscape Lights

### Villa 120 / 135lm/W



**Model:**  
UNI-YA05-1  
**Rated Power:**  
20-80W  
**Fixture Lumen Output:**  
2400-10800lm

### Beta 105 / 135lm/W



**Model:**  
UNI-YA04-1  
**Rated Power:**  
15-80W  
**Fixture Lumen Output:**  
1575-10800lm

### Opera 105 / 125lm/W



**Model:**  
UNI-YA03-1  
**Rated Power:**  
15-80W  
**Fixture Lumen Output:**  
1575-10000lm

## LED Industrial Lights

### Nova Canopy 155lm/W



**Model:**  
UNI-RC01-1-030  
UNI-RC01-1-040  
UNI-RC01-1-060  
UNI-RC01-1-080  
**Rated Power:**  
30-80W  
**Fixture Lumen Output:**  
4650-12400lm

Product Model	UNI-RC01-1-030	UNI-RC01-1-040	UNI-RC01-1-060	UNI-RC01-1-080
LED	OSRAM 5050			
Input Voltage	AC100-277V 50/60Hz			
Rated Power	30W	40W	60W	80W
PF	PF≥0.90		PF≥0.95	
Luminous Efficacy	155lm/W@4000K tq=25 ℃ Ra70			
Luminous Flux	4650lm	6200lm	9300lm	12400lm
CCT	3000K / 4000K / 5000K / 5700K			
SDCM	≤5			
CRI	70 / 80			
Light Distribution	90° / 120° / 150°			
Working Temp	- 40 ℃ ~ 50 ℃			
Working Humidity	10 % ~ 90 % RH			
L70 Life time @Ta25℃	100,000 Hrs			
Housing Material	Die-casting aluminum + Ultra transparent tempered glass			
Optics Material	PMMA			
IP Grade	IP66			
Luminaire Size	456x374x163mm			



## LED Industrial Lights

### UniBay Pro 135lm/W



**Model:**  
UNI-DES100/150/200-1  
UNI-DES100/150/200-2  
**Rated Power:**  
100-200W  
**Fixture Lumen Output:**  
13500-27000lm

### UniBay 135lm/W



**Model:**  
UNI-EC1-100/150/200  
**Rated Power:**  
100-200W  
**Fixture Lumen Output:**  
13500-27000lm

## LED Tunnel Lights

### Linear Moon 100 / 110lm/W



**Model:**  
UNI-TNF3  
**Rated Power:**  
30-100W  
**Fixture Lumen Output:**  
3000-11000lm

### Pearl Moon 110lm/W



**Model:**  
UNI-TNA3-1 / 2 / 3 / 4  
**Rated Power:**  
30-240W  
**Fixture Lumen Output:**  
3300-26400lm

## LED Modules

### LiteModule S 140 / 165lm/W



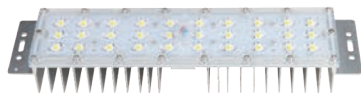
**Model:** UIN-M02  
**Rated Power:** 30-60W  
**Fixture Lumen Output:** 4200-9900lm

### LiteModule S 135lm/W



**Model:** UIN-M03  
**Rated Power:** 40W  
**Fixture Lumen Output:** 5400lm

### LiteModule E 130lm/W



**Model:** UNI-M07  
**Rated Power:** 60W  
**Fixture Lumen Output:** 7800lm

### LiteModule E 130lm/W



**Model:** UNI-MA0  
**Rated Power:** 40W  
**Fixture Lumen Output:** 5200lm

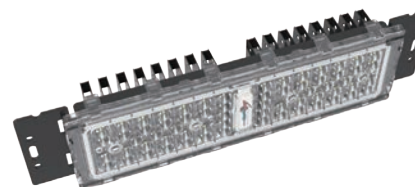
## LED Modules

### LiteModule F 130lm/W



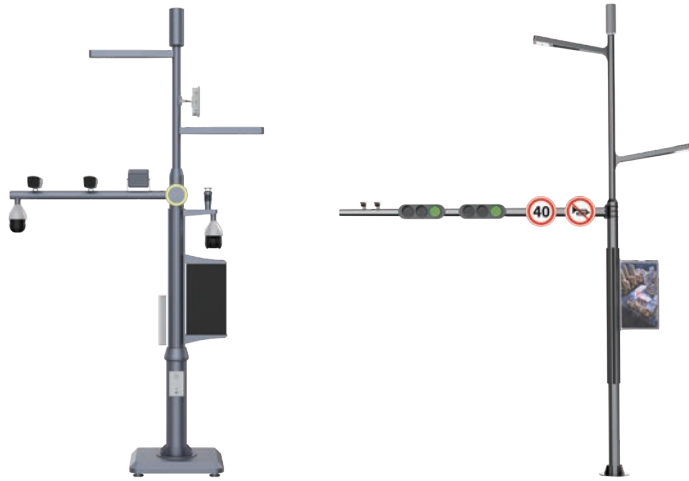
**Model:** UNI-M08  
**Rated Power:** 30-40W  
**Fixture Lumen Output:** 3900-5200lm

### LiteModule G 120lm/W



**Model:** UNI-M09  
**Rated Power:** 60W  
**Fixture Lumen Output:** 7200lm

## Traffic Signal Series



UrbanPole

## 5G Communication Series



Vane

Eagle

Lotus-1

Lotus-2

## Urban Series



Swan

Vigor

Silk

Mermaid

## Municipal Lighting Series



BiWing

BiPlane



