Unilumin

# LED
# LANDSCAPE LIGHT

# ZETA



UNILUMIN GROUP CO ., LTD

Unilumin

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## About Unilumin

Established in 2004, is a world-class LED lighting and display solution provider. As a key business of Unilumin Group, Unilumin Lighting has established a firm foothold in the LED lighting industry and has been a trusted global partner offering comprehensive lighting solutions and exceptional customer service. Our relentless dedication to R&D and customer satisfaction has positioned Unilumin as a top LED lighting brand, known for our worldwide presence and core competitive edges.

## Why Choose Unilumin

- **19** Years of Outdoor Lighting Expertise
- ISO/IEC 17025 Accredited LAB & Precise Automatic Production
- Flexible Customization Services
- Recognized by Clients in Over **80** Countries





# Zeta Series

Zeta is an LED landscape light designed to cater to the lighting demands of modern urban environments. With power options between 20W and 80W, it offers flexibility to meet different lighting requirements. Additionally, Zeta combines tool-free maintenance convenience with expert light distribution, ensuring optimal illumination for city streets and enhancing road safety. Choose Zeta for outstanding lighting solutions and ease of service.

## Features & Benefits

1. Parabolic appearance design, with design patent,  enhance the charm of cities
2. Aluminum alloy + tempered glass shell, reliable and robust
3. Multiple mounting options for more lighting applications
4. Supports NEMA, ZHAGA interfaces and a variety of intelligent lighting controls
5. Integrated die-cast heat dissipation design for higher heat dissipation efficiency
6. Tool-free opening and maintenance, more convenient and faster
7. Professional roadway light distribution design to provide more perfect lighting performance

## Application

Residential Street | Pedestrian Path | Park & Square | Tourist attraction



### Reliable strength

Aluminum alloy + tempered glass shell

Robust and durable

### Supreme lighting performance

High efficient LEDs with precise and various light distribution optics





### Tool-free access design

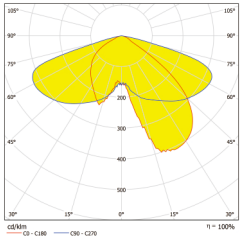
Maximizes the ease of maintenance

### Future-proof & smart-ready

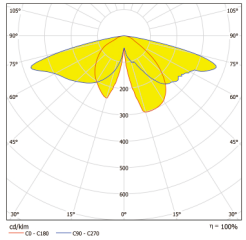
Compatible with NEMA and Zhaga Interfaces



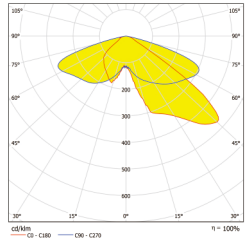
## Light Distributions



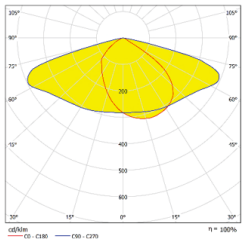
UNI-YA06-1
Type Ⅱ(UNI-618)



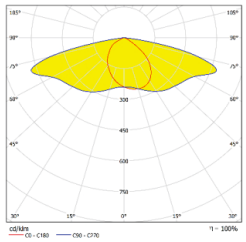
UNI-YA06-1
Type Ⅱ(UNI-710)



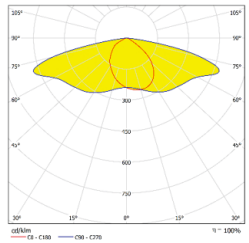
UNI-YA06-1
Type ⅡUNI-711)



UNI-YA06-2
Type Ⅱ(UNI-618)



UNI-YA06-2
Type Ⅱ(UNI-710)

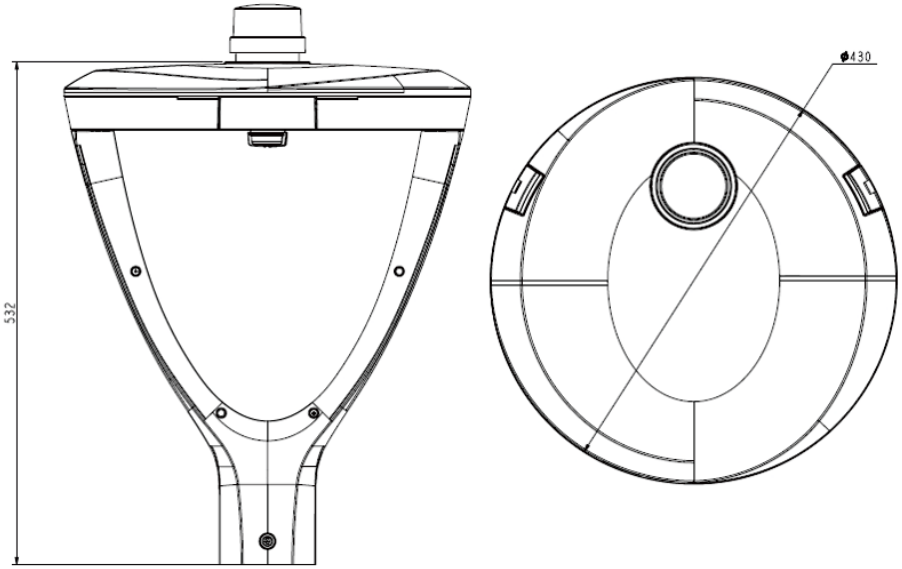


UNI-YA06-2
Type Ⅱ(UNI-711)

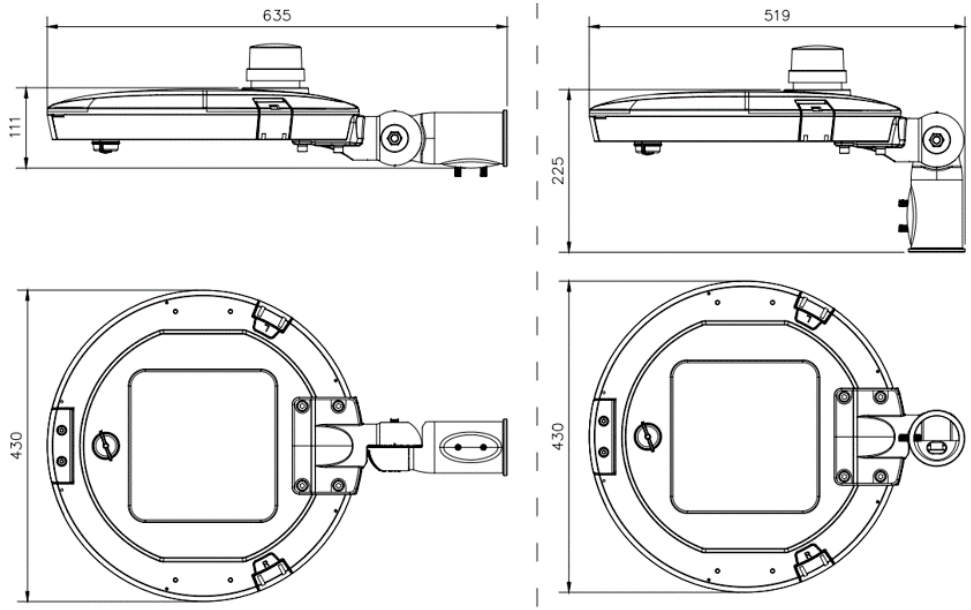
## 5050 Light Source

| Structure | Power (W) | LED QTY (pcs) | Light Distribution | 4000K Ra70@Ta=25℃ | |
|---|---|---|---|---|---|
| | | | | Luminaire Efficiency | Luminous Flux |
| Vertical installation | 20 | 24 | UNI-YA06-1 | 140 lm/W | 2800 lm |
| | 40 | 48 | | | 5600 lm |
| | 60 | 60 | | | 8400 lm |
| | 80 | 60 | | | 11200 lm |
| Horizontal installation | 20 | 24 | UNI-YA06-2 | 160 lm/W | 3200 lm |
| | 40 | 48 | | | 6400 lm |
| | 60 | 60 | | | 9600 lm |
| | 80 | 60 | | | 12800 lm |

## Dimensions




**UNI-YA06-1**




**UNI-YA06-2**

# Parameters





| Product Model | UNI-YA06-1 | | | | UNI-YA06-2 | | | |
|---|---|---|---|---|---|---|---|---|
| Power (W) | 20 | 40 | 60 | 80 | 20 | 40 | 60 | 80 |
| Luminous Flux (lm) | 2900 | 5800 | 8700 | 11600 | 3200 | 6400 | 9600 | 12800 |
| Power Factor | ≥0.92 | ≥0.92 | ≥0.95 | ≥0.95 | ≥0.92 | ≥0.92 | ≥0.95 | ≥0.95 |
| Input Voltage | AC100-277V 50/60Hz | | | | | | | |
| LED | 5050 | | | | | | | |
| Driver | Moso/Sosen/Inventronics D4i | | | | | | | |
| CCT | 3000K/4000K/5000K | | | | | | | |
| Luminaire Efficiency | 145lm/W | | | | 160lm/W | | | |
| CRI | >70 | | | | | | | |
| Working Temp. | -40℃~50℃ | | | | | | | |
| Working Humidity | 10%~90%RH | | | | | | | |
| Storage Temp. | -40℃~55℃ | | | | | | | |
| Housing Materials | Die-casting aluminum | | | | | | | |
| IP / IK | IP66/IK08 | | | | | | | |
| Life Span (Hrs) | 100,000 | | | | | | | |
| Max Projected Area (㎡) | 0.15 | | | | 0.16 | | | |
| Product Dimension (mm) | 430×430×532 | | | | 519x430x225(vertical)<br>635x430x111(horizontal) | | | |





| Product Model | UNI-YA06-1 | UNI-YA06-2 |
|---|---|---|
| Net Weight (kg) | 6.033 | 5.772 |
| Gross Weight (kg) | 9.524 | 9.263 |

Note: The tolerance of Luminous Flux is ±7%

# Controller



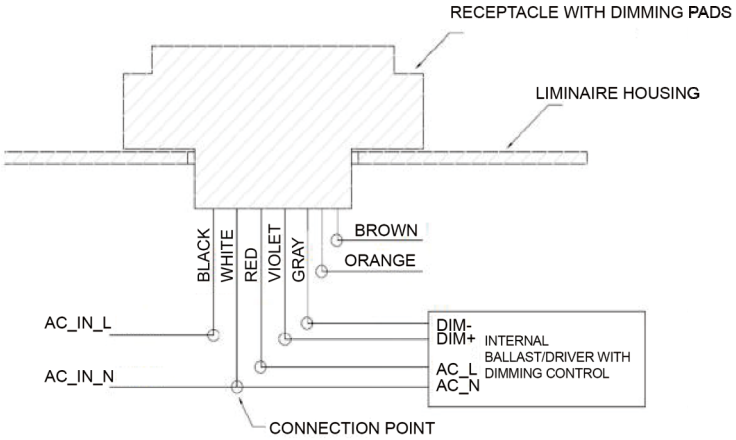

## Features

- Zigbee communication, auto-Mesh
- With standard NEMA 5 lines interface for easy installation
- Remote switch on/off, maximum internal 16A relay outputs
- With dimming interface: 0-10V (PWM could be customized)
- With current, voltage, power, power factor, electric energe remote reading functions
- With LED lamp failure detection function
- With initiative fault information reporting functions
- Lightning protection function
- IP65



### NEMA Socket 5PIN 7PIN

Optical control can be connected to 3/5/7PIN interface.




| Dimming mode | Output parameters | Explanation | Communication mode | Route pattern | Communication distance | Frequency | Frequency range | Communication rate |
|---|---|---|---|---|---|---|---|---|
| Analog voltage | 0-10V/10mA | Preset 100% dimming for 10V, or 0V output | Zigbee | MESH | 200M (visual range) | 2.4GHz | 2.4GHz~ 2.485GHz | 250Kbps |



