

Skylight Gen II

LED Street Light

150
lm/w

IK08

IP66

5

YEARS
WARRANTY

<5
SDCM

<25
UGR



Maneuverability and maintainability

Flexible installation structure design, whether on horizontal or on vertical, they can match well. And the size of mounting rod covers all general sizes, such as diameter 48mm-60mm.

The flexible quick maintenance reduces the cost of labor and materials.

Energy conservation and emissions reduction

It can cover almost all of road sites because of high light efficiency and a variety of power; And it combines with a variety of light distribution design, which can accurately illuminate and will not cause light waste. It uses high quality LED chip and high transmittance lens to reduce light loss and achieve the best lighting effect. At the same time, comparing with the traditional street lights, energy consumption is greatly reduced.

Optional Accessories

Standard (Script Hook)



Adapter
Applicable size:
Ø42mm-Ø60mm



Gradienter

Comfortable experience

The streetlights not only illuminate the required area but also becomes a scenery on the road. In residential areas, there is less or no light pollution, nor influence on people's life.

The illumination is comfortable and the glare of light is small. It will not cause the driver and pedestrians discomfort to ensure road safety.

Sustainability

It will become a variety of sustainable forms that LED streetlights gradually blend into the urban landscape and become the public infrastructure in the city, including the combination of smart city system and data collection other than lighting.

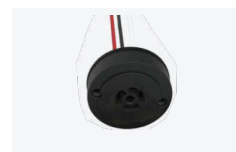
Intelligent control

It has a variety of dimming methods, such as independent dimming control, central control and remote control etc.. Its reasonable and effective light use and less waste of light can reduce the cost of energy and achieve the optimal energy efficiency.

Customized



NEMA Photocell
> Rated Voltage: 110-277V
> Rated Loading: 1000W
> Tungsten, 1800VA Ballast
> Power Consumption: 1.5VA
> On/Off Level: 6Lx On/50Lx Off
> Related Humidity: 99%



NEMA Receptable (3Pin)



NEMA Receptable (5Pin)



Shorting Cap



Surge Protector
>> 10KV
>> 120-277V



Protection wire

I LEDLUCKY Wireless Smart Lighting Solution

LoRa / Zigbee/ lighting control system



Lighting controller



gateway



Software



I Smart Lighting Management Platform

- ▶ Real-time monitoring and control of lamps
- ▶ Map Monitoring and control
- ▶ Energy Consumption Record and Analysis
- ▶ Local Time and Location Strategy
- ▶ Platform Strategy
- ▶ Fault Alarm
- ▶ History Record
- ▶ Device Management
- ▶ Multi-Tenancy



Basic Functions

- RTC, with super-capacitor
- Local Time & Location strategy
- Single/dual way output, dimming and data collection
- Embedded photo sensor (optional)
- Beidou/GPS positioning (optional)
- Microwave sensor (optional)



Features

- Control of both Cool & Warm Color Temperature
- D4i/SR/DALI 2.0 protocols
- CSA 051 protocol
- Multiple dual-communication-system
- Control, dimming, detection of inclination detection, outage, leakage
- Control of mini landscape lighting



Extra Services

- Customization of platform UI
- Two Logos on products
- Follow-up services before and after sales
- Operation and maintenance of the system
- Local deployment of the system

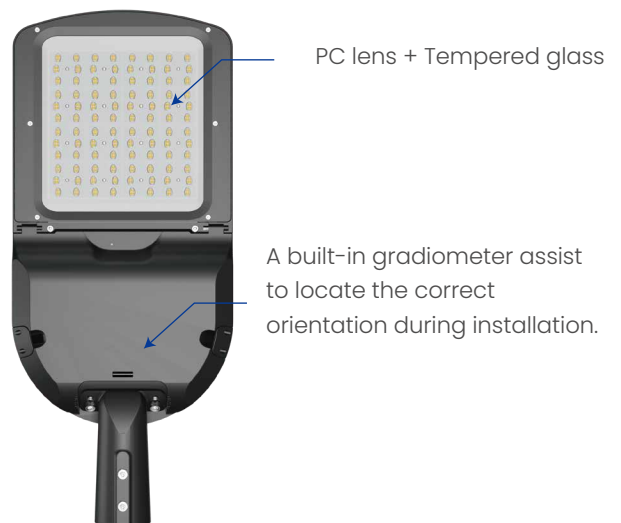
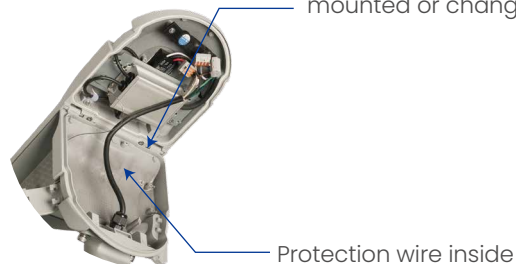
Mounting Options



Smooth surface,
no dust accumulation.



All the electronic components are designed to sit on a removable plate which can be easily mounted or changed on site.



Skylight Gen II

- ▶ 30W/60W/120W/200W/300W
- ▶ 150lm/W
- ▶ Beam angle: Type2 (A29N), Type3 (A40N), Type4(A41N)
- ▶ Adapt to Pole :Ø60mm(40mm~50mm pole is optional)
- ▶ 5 years warranty, 7 years warranty(Optional)
- ▶ Wide range of lumen output package from 4,100lm up to 45,000lm

Designed To Use For

- ▶ Residential
- ▶ Township road
- ▶ Side road
- ▶ Desert area
- ▶ Back road



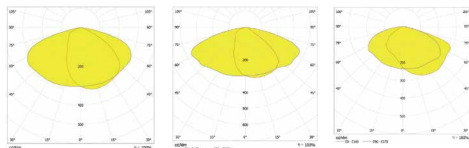
| Certificates



Product Parameter

Model Number	Power Consumption (±10%)	Input voltage	CRI	Light Efficiency	Luminous Flux (lm) (±10%) @3000K @4000K @5700K	Beam Angle	Correlated Color Temperature	LED Type	Driver Type
DHI-ILP-05-30W	30W	120-277 Vac	70	150lm/W	4100lm 4500lm 4500lm	Type II, Type III, Type I, Type IV, Type V, Type II A106	3000K 4000K 5700K	Lumileds3030	Sosen/ DONE(optional) Tridonic(DALI / (DALI 2.0+D4i)
DHI-ILP-05-60W	60W				8400lm 9000lm 9000lm				
DHI-ILP-05-120W	120W				16800lm 18000lm 18000lm				
DHI-ILP-05-200W	200W				28000lm 30000lm 30000lm				
DHI-ILP-05-300W	300W				42000lm 45000lm 45000lm				

Light Distribution Curve



A29N
Type 2

A40N
Type 3

A41N
Type 4



Type I
A033(140deg*70deg)
optional



Type II
A106(150deg*70deg)
optional



Type V
A036(140deg*40deg)
optional

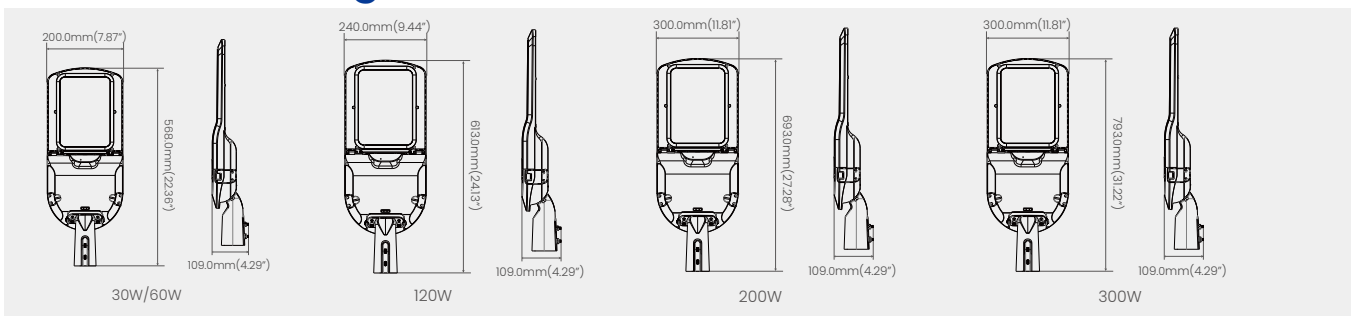
Smart Control Options

- 1-10V dimming control
- DALI control
- Daylight sensor
- Microwave sensor

Specification

Operating Temperature	Material	Color	.IES/.LDT file
-30℃~ + 50℃	Structure Material: Die-cast Aluminum Finish Material: Powder coated Lens Material: (PC)Polycarbonate	Grey	Available

Outline Drawing



* Design and specifications are subject to change without notice.

Ver. 1, Nov. 2023

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