

2024-2025



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www.china-greenlighting.com

GREEN LIGHTING





Integrity+Absorption+Breakthrough



About Us

Changzhou Green Lighting Co., LTD., founded in 2002, is a Technology research and development enterprises in the R&D and manufacturing of lighting fixtures and lamp poles. It mainly covers road lighting, tunnel lighting, garden lighting, landscape lighting and multi-functional intelligent lighting poles and other products.
Domestic sales are mainly used in urban roads and lighting projects. "GREEN" is a brand designated by the government of Hangzhou G20, Xiamen BRICS and Qingdao Shanghai Cooperation Summit.
Export sales mainly facing Europe, North-America, Australia and other regions, also establishing long-term, stable cooperative relations with the world famous brand lighting manufacturers .

www.china-greenlighting.com

Comprehensive
Pole

Smart Module

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Page 009 — Page 012

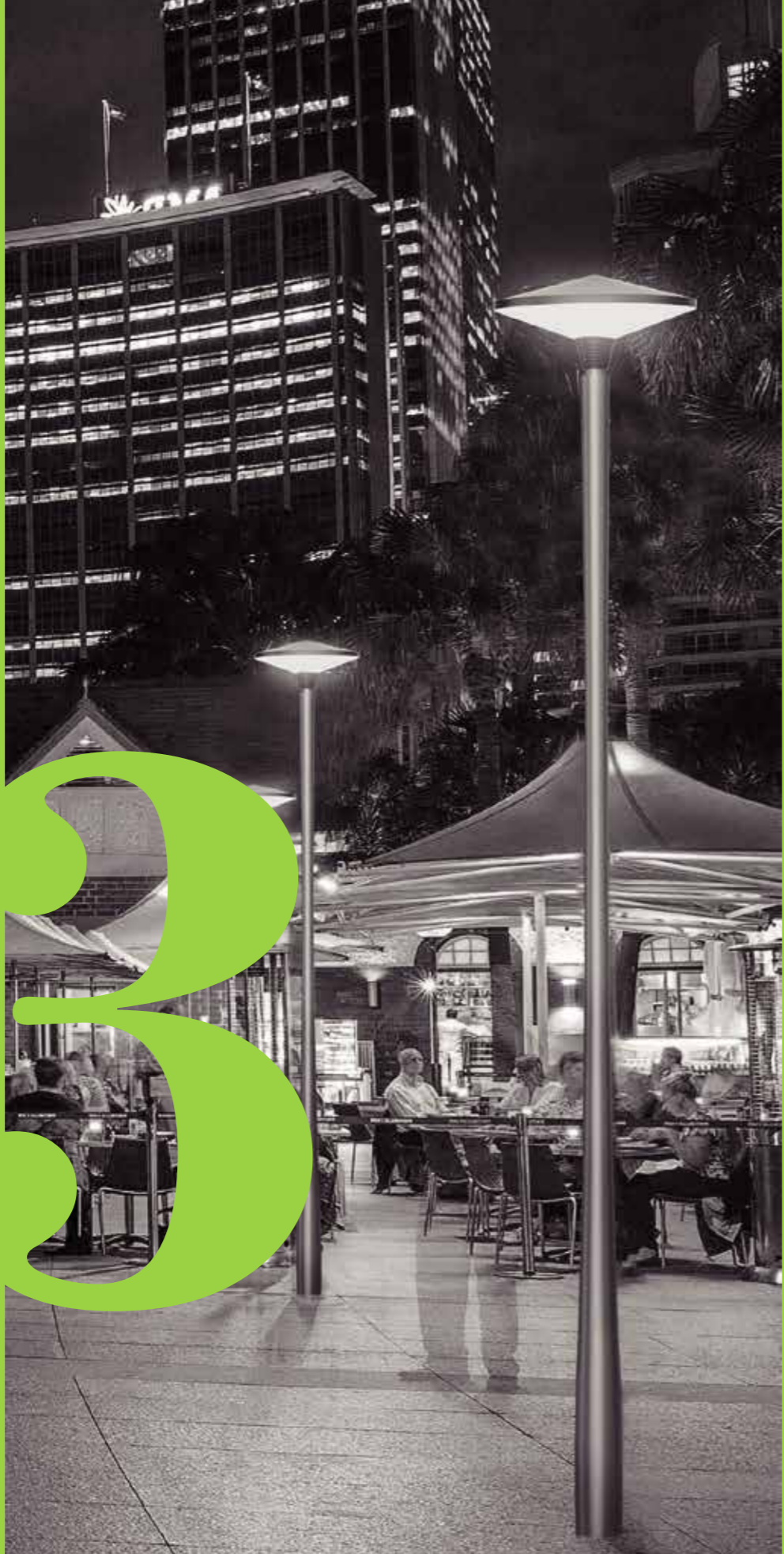


Intelligent Control System

Page 001 — Page 002



Smart Garden Light



Lawn Light





Smart Street Light



Tunnel Light

Flood Light



Underground Light





SMART CITY



Intelligence time setting function

Time control of light switch:
Automatically calculate the local sunrise and sunset time according to the geographic longitude and latitude.
Dynamically and precisely adjust the time of switching the light on and off.
Automatically adjust the brightness according to the data collected by the illuminator.
Humanized work program.



Area control function

All areas-control all control areas of all settings;
Partial area- control part of the area under control;
Select groups of units-such as sections or areas can be organized as units, a group or groups of control;
Single-point or single-lamp switch-allows precise control of single-point or single-lamp.



Automatic detection function

Automatic inspection, random inspection or periodic inspection:
Each single lamp and circuit shall be operated and operated according to the switch specified by the data center, and the corresponding running state shall be obtained;
The current and voltage of each single lamp, collection of electricity consumption, etc.
The above data is uploaded to the control center in time.



Fault alarm function

The system automatically or manually detects the state of each single lamp or circuit, automatically judges the fault of the lamp, or sets up a short message to give a long-distance alarm to the appointed personnel.
Outage (or power outage) : monitoring terminal failure; communication failure; failure that the owner deems necessary to report, message customization.
All failure alarms are recorded in the database as a file with information such as the type of failure, the name of the unit, etc.



Data processing, storage, query and printing functions

Query to read the operating parameters of the current monitoring points;
Query to read the historical period, monitoring point of the operation of the data;
Classified inquiry to read various types of fault alarm, such as electronic control box, single lamp terminal fault alarm, etc. . Failure alert form.
All kinds of data analysis curve chart report.



Geographic graphics and text display function

By digital calibration, the lumped Controller Unit and its control region are calibrated in the Electronic map; electronic map can be infinite zoom browse, through the control room large screen system, to achieve the same screen or split screen display multiple terminal operation; display single lamp, loop working status.



Remote meter reading function and statistical analysis

The system platform can communicate with digital electric meter of distribution cabinet, and realize automatic remote meter reading and reporting.



Equipment Terminal Field debugging, maintenance and remote upgrade functions

Remote monitoring terminal centralized control debugging and maintenance and remote upgrading functions, easy to debug, maintenance and system upgrading.



System capacity expansion function

The system platform has the function of increasing or decreasing the capacity flexibly, can add and delete the terminal equipment, custom-made, the Central Database, wireless communication mode and modular monitoring terminal structure used in the system can be full extra-large city street lights and other related street lights as the carrier of the application and expansion requirements.



Single lamp control function

Through the use of wireless or Wired, can achieve remote single-lamp control. You can customize the light mode.
Control protocols: Zigbee, NB-I, Cho, Lora, Cat. L, 4G/5g, etc.

Intelligent Control System

Along with the construction and development of smart city, the advanced intelligent light-pole control system can not only realize energy-saving, environmental protection and intelligent lighting system, but also carry various application systems such as:
Environmental Monitoring, LED information release, charging posts, video surveillance, intelligent applications to expand to nearby communities, business circles, combined with the smart concept of joint construction, sharing and Communication + Internet to innovate business operation model, effectively avoid information islands and repeated waste of construction, through the acquisition of big data, in-depth mining and bundling of all kinds of valuable business intelligence, it can also be used in small-scale application scenarios, such as parks and residential areas, to form a closed-loop service, to achieve the goal of improving management efficiency and better service to the public.

The intelligent lighting and monitoring management system of Changzhou Green lighting can realize the control of street light, roads, squares and other occasions. Remote control of light and lanterns switch, detection of the working state of product and lanterns, thus achieving high efficiency, low cost management.

The company's intelligent lighting is easy to operate, easy to control and other features, can save a lot of electricity costs and management costs, and play intelligent lighting humanization convenience, the overall benefit and performance of the system is very significant

The design scheme of our company adopts the software and hardware of complete function, stable and reliable performance, strong human-computer interaction ability and easy operation to construct "City intelligent lighting monitoring system", at the same time of realizing lighting energy-saving control, the level of intelligent monitoring management and comprehensive performance of lamps and lanterns reach the advanced level.

003

Comprehensive Pole



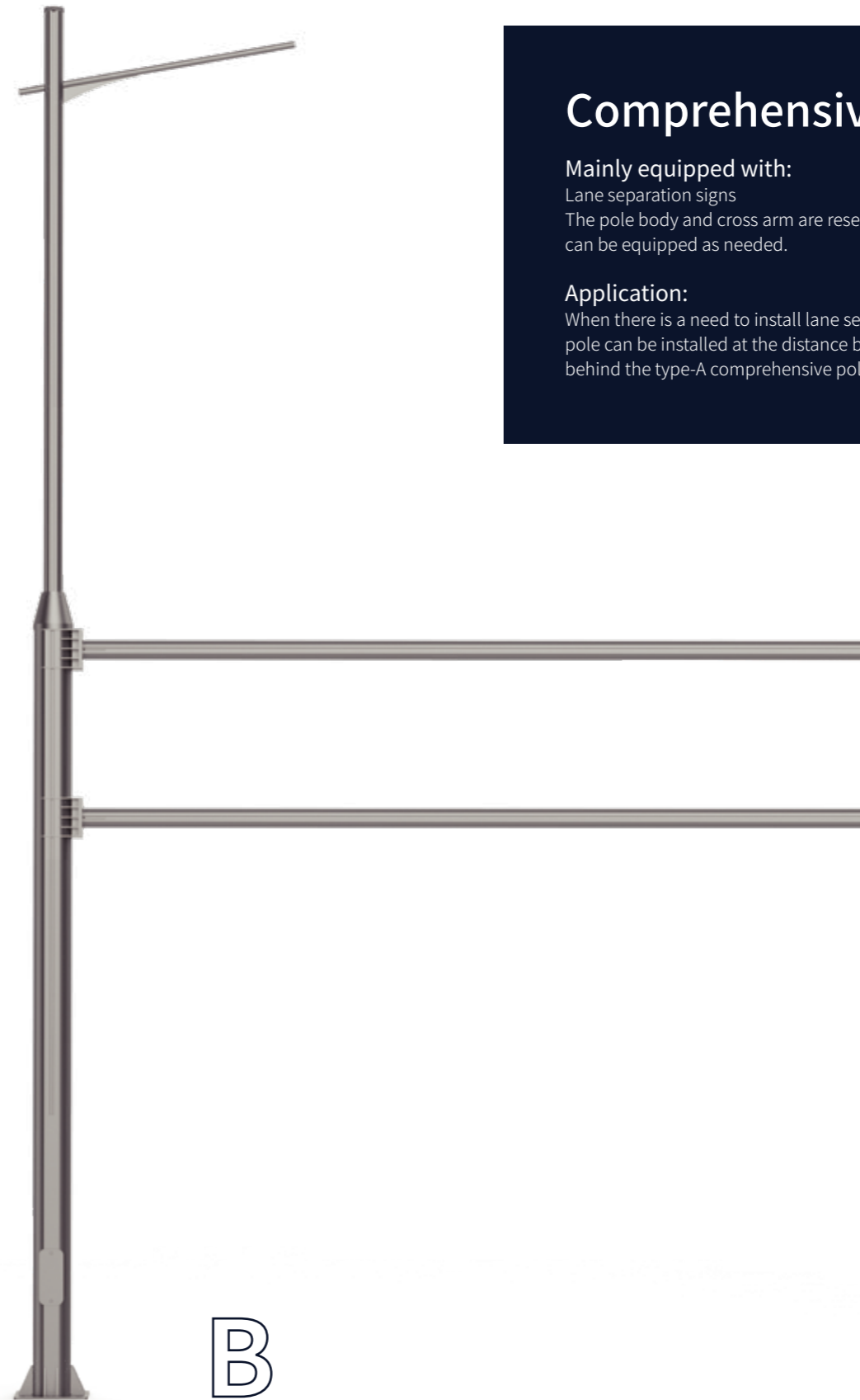
Comprehensive Pole - A

Mainly equipped with:

Traffic signal lights and video monitors
The pole body and cross arm are reserved with interfaces, and other facilities can be equipped as needed.

Application:

Signal pole: In front of the stop line, near the pedestrian crossing line.
Monitor pole: 25m to 30m behind the stop line.



Comprehensive Pole - B

Mainly equipped with:

Lane separation signs
The pole body and cross arm are reserved with interfaces, and other facilities can be equipped as needed.

Application:

When there is a need to install lane separation signs, type-B comprehensive pole can be installed at the distance between the two road lighting poles behind the type-A comprehensive pole.

004

Comprehensive Pole

005

Comprehensive Pole



Comprehensive Pole - C

Mainly equipped with:

Large and medium directional signs
The pole body and cross arm are reserved with interfaces, and other facilities can be equipped as needed.

Application:

When there is a need for the installation of large and medium directional signs, Type C comprehensive pole can be installed at the distance between the three road lighting poles behind Type A monitor comprehensive poles.
Monitor pole: 25m to 3.0m

006

Comprehensive Pole



Comprehensive Pole - D

Mainly equipped with:

Small road signs
The pole body and cross arm are reserved with interfaces, and other facilities can be equipped as needed.

Application:

Vertically along the road, arranged at T-shaped and Y-shaped intersections.

007

Comprehensive Pole



Comprehensive Pole - E

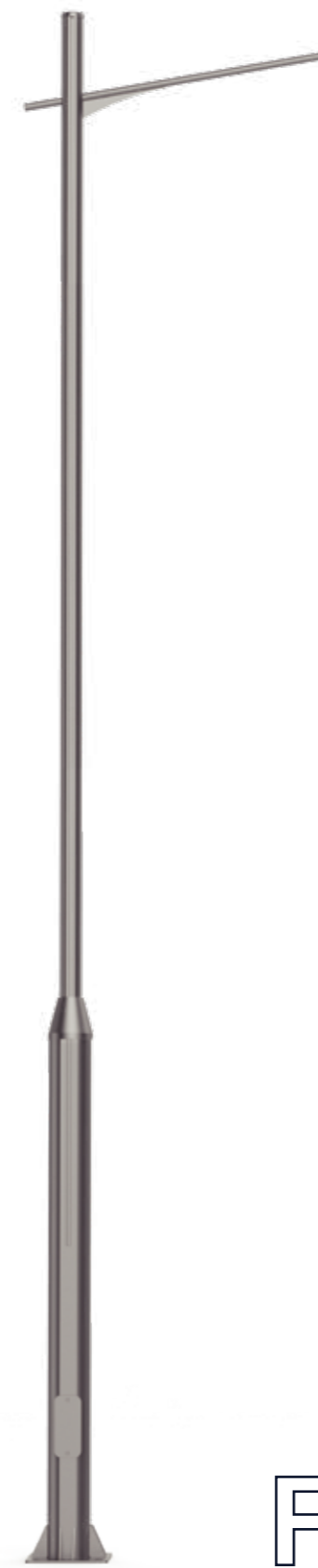
Mainly equipped with:

Bilateral traffic lights and video monitor.
The pole body and cross arm are reserved with interfaces, and other facilities can be equipped as needed.

Application:

Longitudinally along the road, arranged in the median strip.

E



Comprehensive Pole - F

Mainly equipped with:

Rod body reserved interface, can be equipped with small equipment as required .

Application:

Longitudinal layout along the road.

F

008

Comprehensive Pole

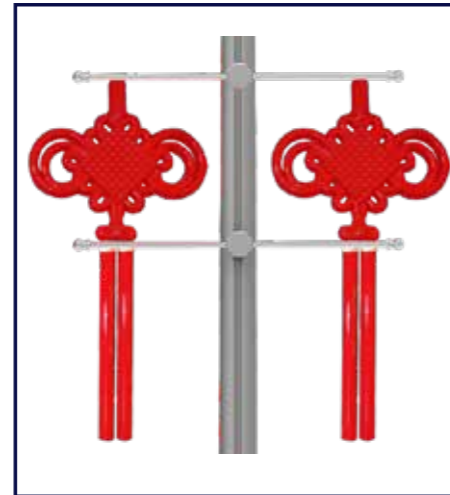
Smart module A

009

Smart Module



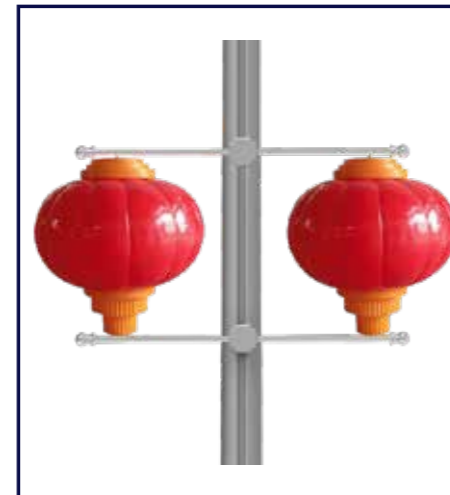
Road flag



Chinese knot



Flower basket



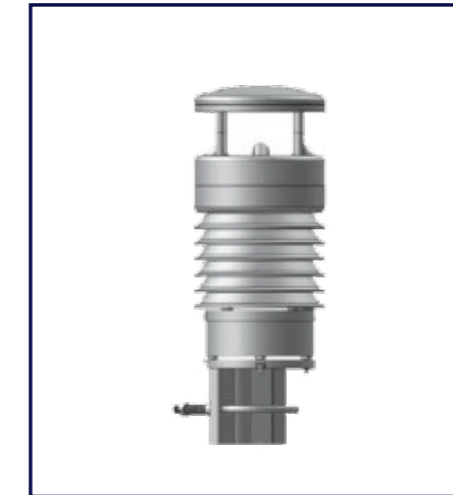
Lanterns

No Reservation, flexible disassembly, convenient post-maintenance, hanging rod can be arbitrarily rotated, suitable for the installation of flags, flower baskets, lanterns and other pendant.

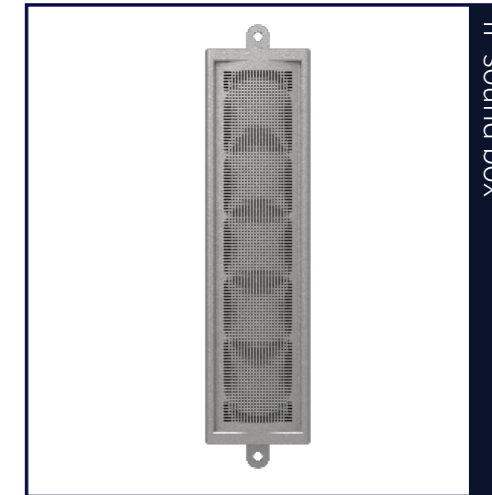
Smart module B

010

Smart Module



Environmental detection



IP sound box



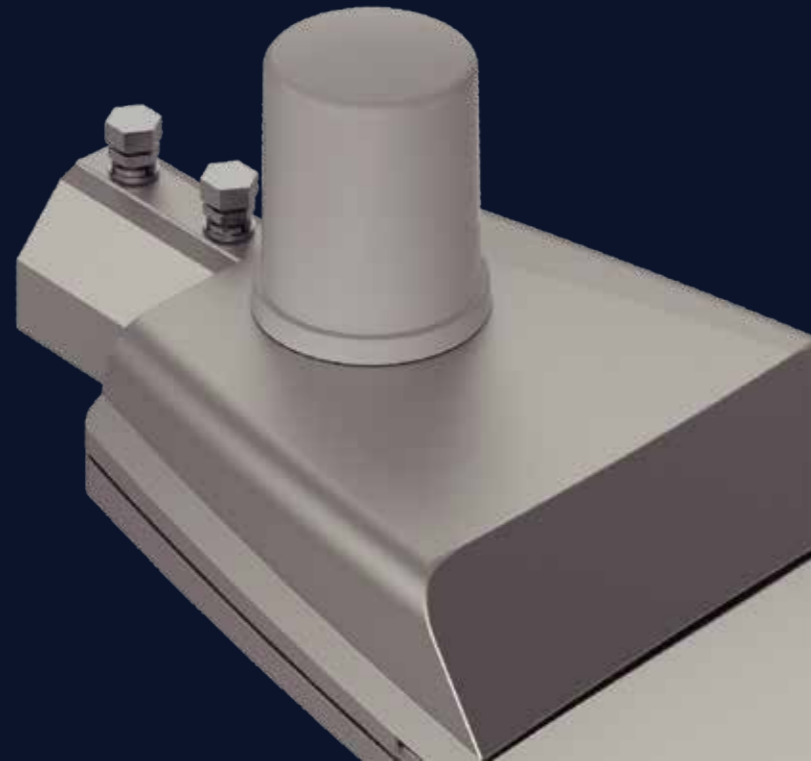
Intelligent LED display



Surveillance cameras

The slide pole supports a variety of installation methods, the number of sliders can be increased according to the number of different intelligent module pendant, no need to process the pole can be fixed, installed, disassembled, replaced easily; Wei block and mounting accessories corresponding interface, convenient installation, no need to increase accessories, greatly reduce the workload of site construction personnel.

Single lamp controller



The intelligent lighting and monitoring management system of Changzhou Green lighting can realize the control of street light, roads, squares and other occasions. Remote control of light and lanterns switch, detection of the working state of product and lanterns, thus achieving high efficiency, low cost management.

The company's intelligent lighting is easy to operate, easy to control and other features, can save a lot of electricity costs and management costs, and play intelligent lighting humanization convenience, the overall benefit and performance of the system is very significant

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Can work on the voltage, current, power, power factor and other data collection summary, real-time to identify the power data



Through wireless technology, it can realize the remote control, remote measurement, remote signal, remote adjustment and remote viewing of single lamp controller



Fault warning, automatic detection trip, leakage, open and other abnormal conditions, auxiliary maintenance personnel to identify fault causes of trip detection



Accurate positioning, improve work efficiency, save labor costs



Timing switch lamp and dimming strategy



Through the dual-color temperature adjustment function, to achieve fog bad weather, into a high-penetration color temperature, but also to achieve different seasonal color temperature conversion, so that the public feel relatively comfortable mood.



According to the terminal induction, to achieve the control of light dimming along with the vehicle, So as to achieve the goal of energy saving and emission reduction

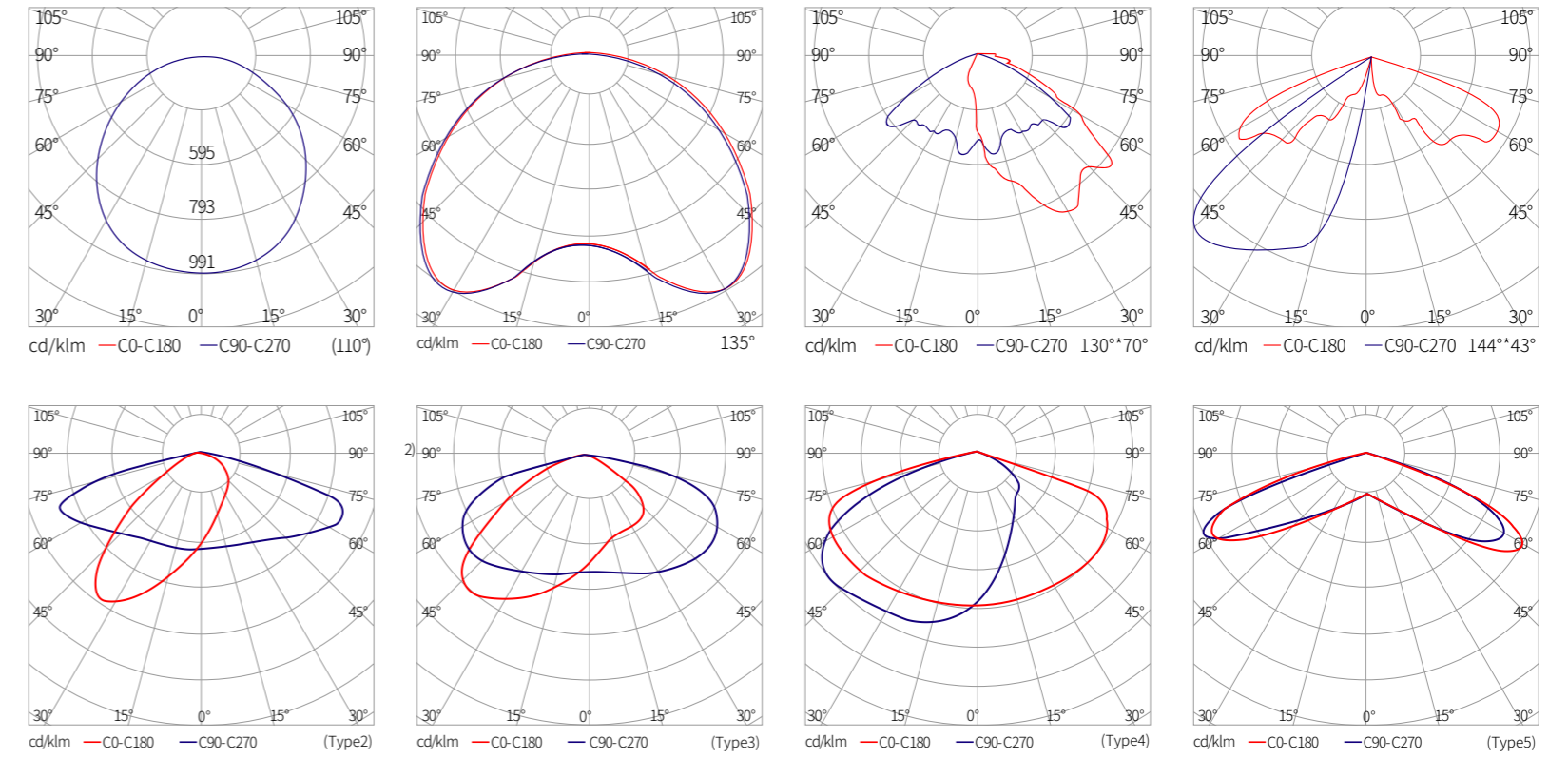
Garden Light

013

Smart Garden Light



- Light distribution curves



014

Smart Garden Light



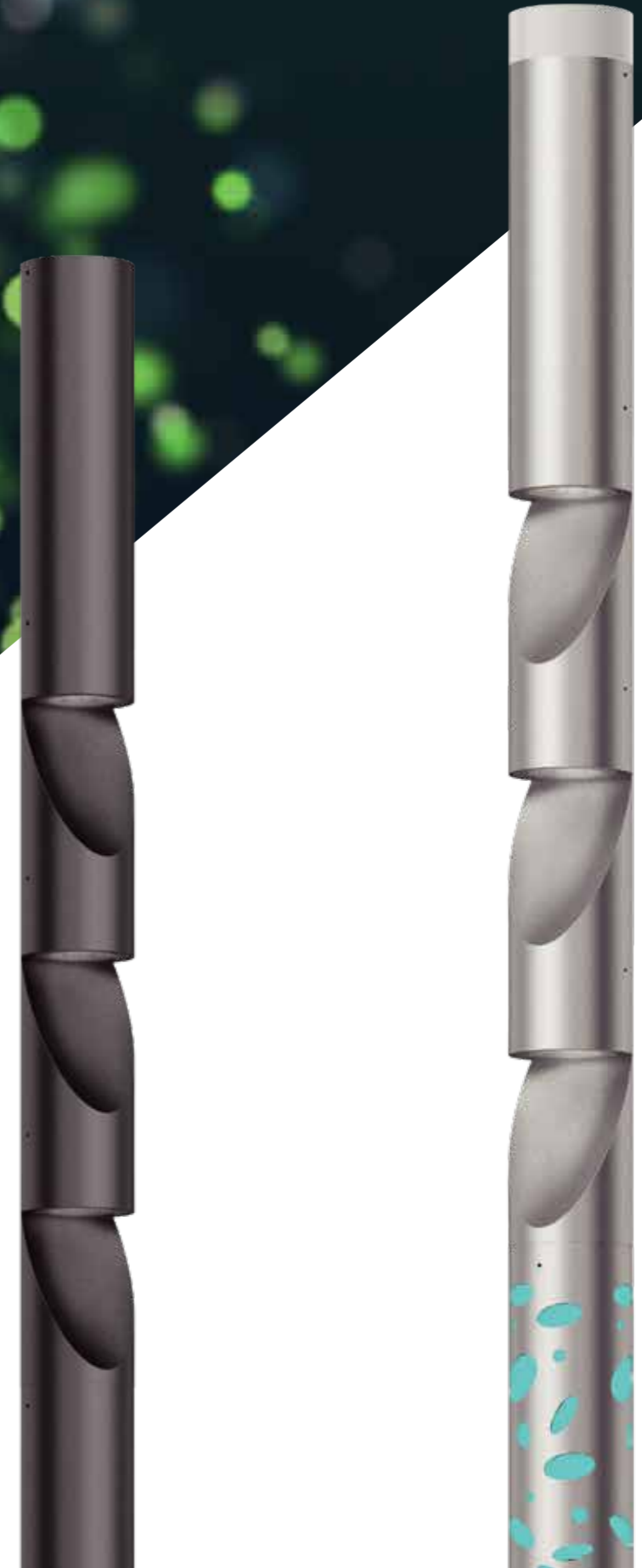
WARDEN

R.4003

Luminaire features:

·The design of R. 4003 originates from a summary of the image of a standing person, achieving functional lighting for roads and squares with a simple design.

- Each module can rotate horizontally and illuminate different areas.
- Aluminum alloy body, spring mounted, convenient for the operation on-site.
- Fully utilize the pole resources, increase WIFI network function, avoid duplicate construction of smart cities, and save costs and resources.



Dimensions and specifications

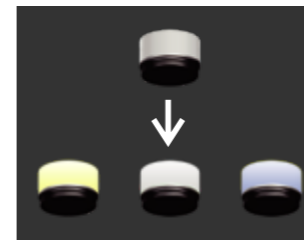
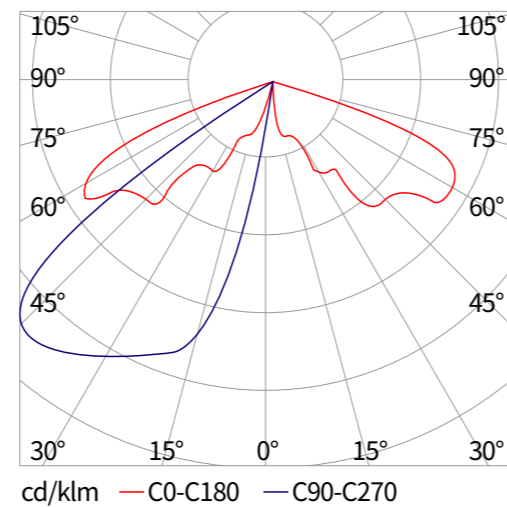
- R.4003

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Art lighting Watts(w)	Art lighting Color	Ambient lighting Watts(w)	Ambient lighting Color
R.4003A.30.0045	3*15	≥70	≥0.9	3*4	3*900	3*945	20	blue/yellow/white	/	/
R.4003B.30.0045	3*15	≥70	≥0.9	3*4	3*900	3*945	20	blue/yellow/white	5	blue/yellow/white
R.4003C.30.0045	3*15	≥70	≥0.9	3*4	3*900	3*945	/	/	/	/
R.4003D.30.0045	3*15	≥70	≥0.9	3*4	3*900	3*945	/	/	5	blue/yellow/white

- Specification

Pole diameter	φ120mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	144°*43°
LED model	3535 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP65
Vibration level	1.5G
Anti-collision level	IK10
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves



1 Optional art lighting
Different colors can be selected according to different application.



2 Aluminum alloy body
Sturdy and reliable structure, durable and long-lasting.



3 Convenient maintenance
Spring type installation, convenient for operate on-site.



4 Flexibility
Modular design, can rotate 360° according to requirements



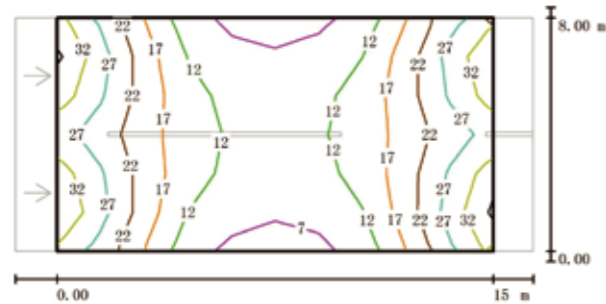
5 Optional ambient lighting
Different colors can be selected according to different application.



Light Module Features

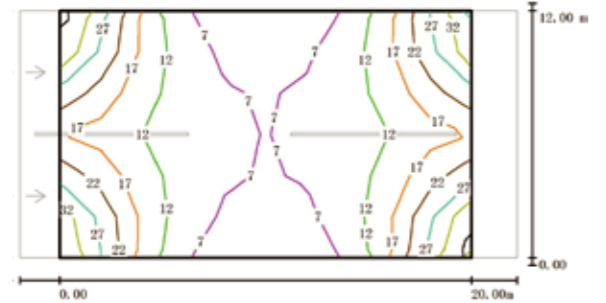
- Scene illumination simulation

Power 3*15W Height 3.5m Distance 15m CCT 3000k Two side lighting



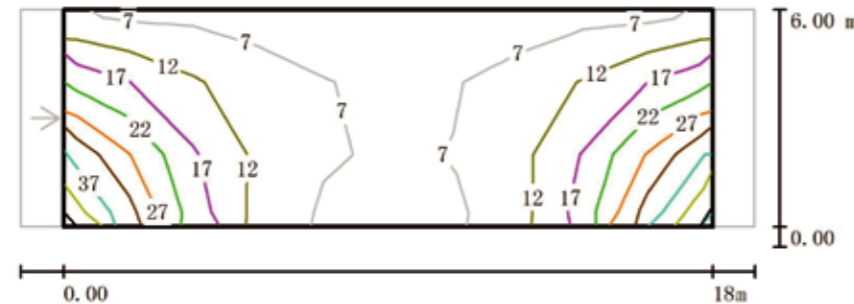
Average illuminance(lx) 27 Min illuminance(lx) 9.1 Max illuminance(lx) 54
 Min illuminance/Average illuminance 0.342

Power 3*15W Height 4.2m Distance 20m CCT 3000k Two side lighting



Average illuminance(lx) 14 Min illuminance(lx) 4.11 Max illuminance(lx) 33
 Min illuminance/Average illuminance 0.298

Power 3*15W Height 4.2m Distance 18m CCT 3000k One side lighting



Average illuminance(lx) 14 Min illuminance(lx) 5.34 Max illuminance(lx) 39
 Min illuminance/Average illuminance 0.39

A Variety Of Rod Combinations

3.55-4.25m



Lamp model-R.4003A

Lamp model-R.4003B

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4.2
Size(mm)	Ø120
Flange size(mm)	240*240

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.55/4.25
Size(mm)	Ø120
Flange size(mm)	240*240

A Variety Of Rod Combinations

3.55-4.25m

021

Smart Garden Light | WARDEN



Lamp model-R.4003C

- Pole specifications

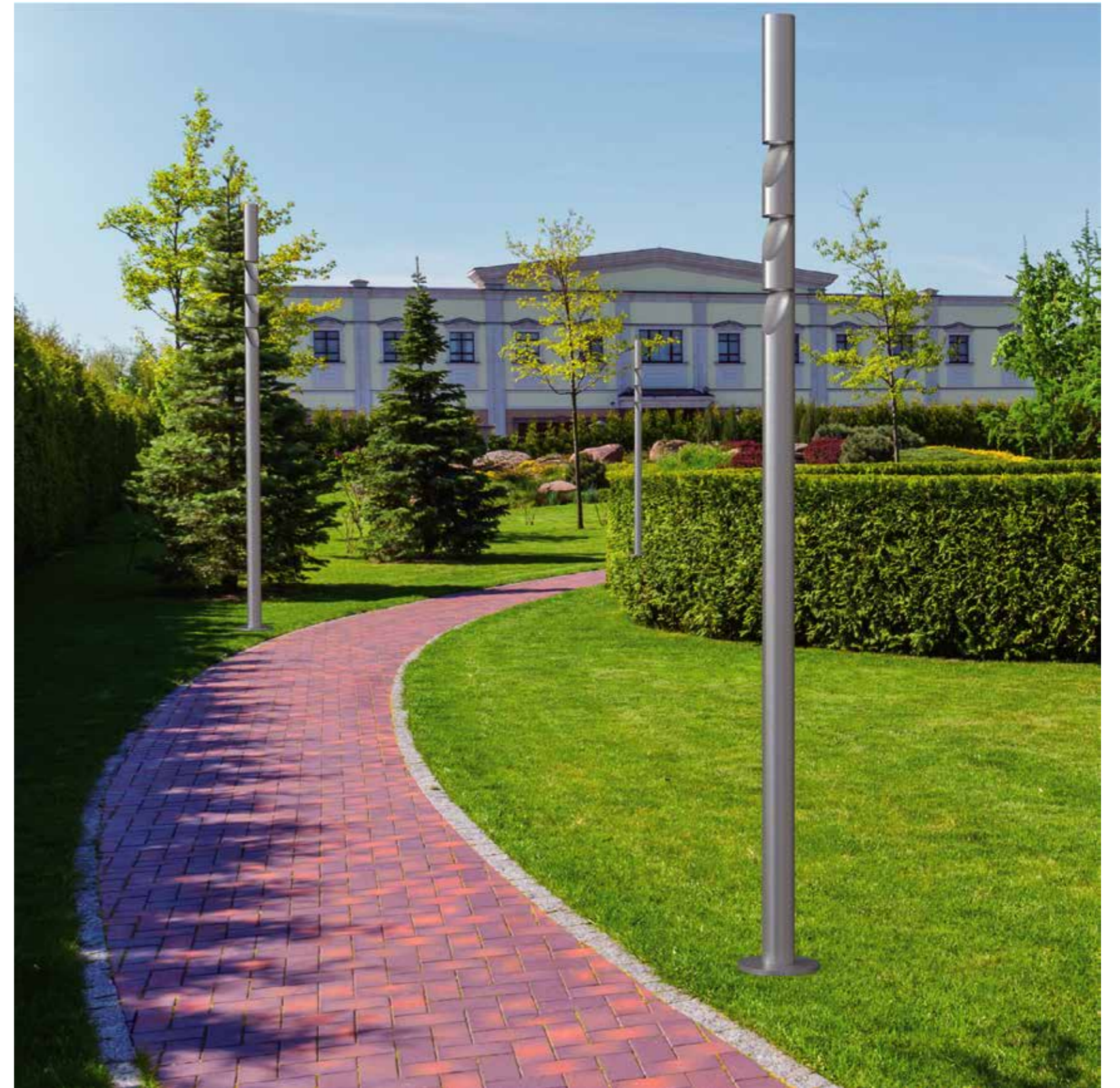
Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4.2
Size(mm)	Ø120
Flange size(mm)	240*240



Lamp model-R.4003D

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.55/4.25
Size(mm)	Ø120
Flange size(mm)	240*240



022

Smart Garden Light | WARDEN

023

Smart Garden Light | WARDEN



GREEN®

024

Smart Garden Light | WARDEN

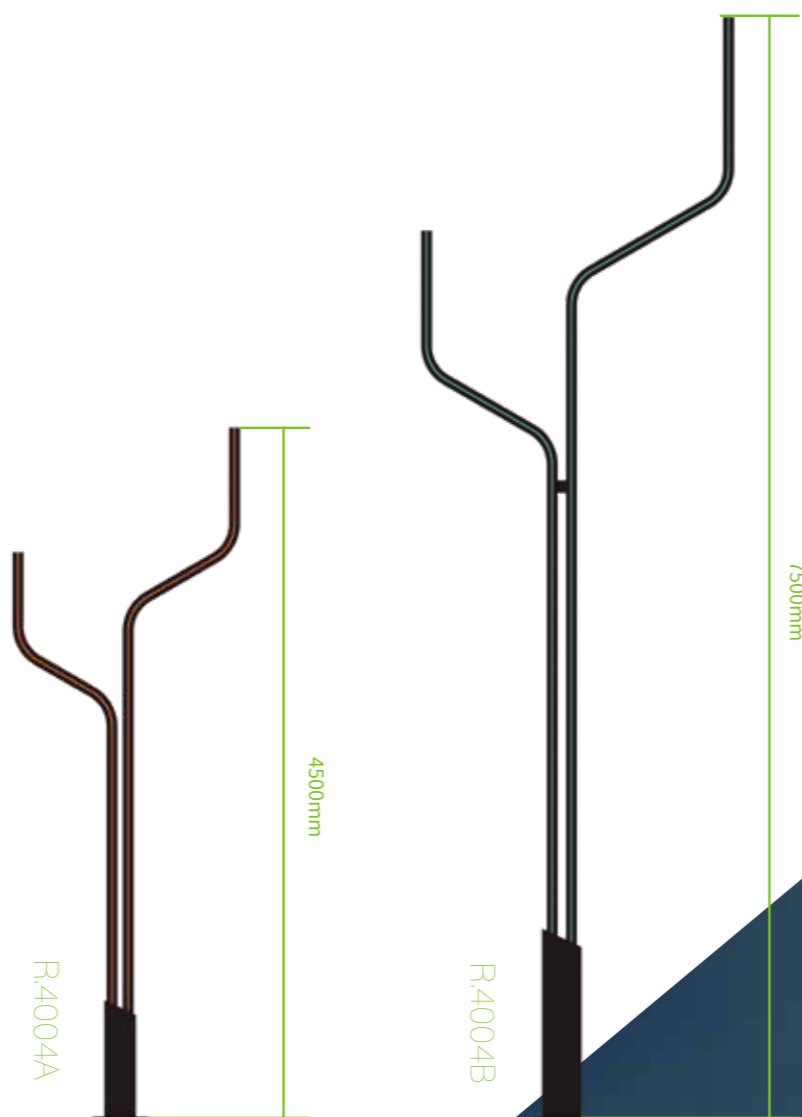
GREEN®



Luminaire features:

·The design inspiration of R. 4004 comes from the growth of trees, with elegant design that is highly beautiful.

- High strength aluminum alloy body. Different heights and watts can be customized according to different applications.
- The side equipped with RGBW light strips to enhance the environment and make it not boring.



R.4004 NEPHELE



Dimensions and specifications

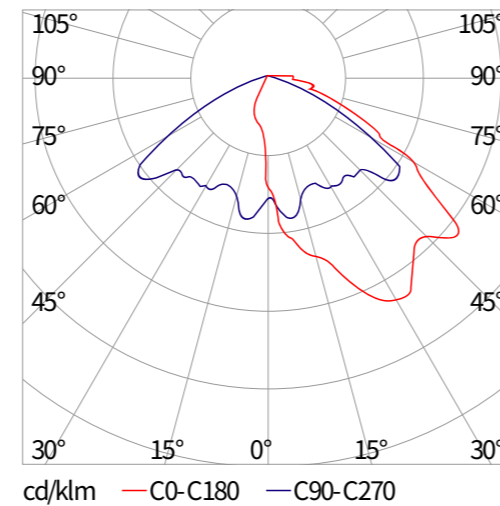
- R.4004

Lamp model	Power(w)	Ambient light power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Ambient lighting Watts(w)	Ambient lighting Color
R.4004A.30.0045	30	15	≥70	≥0.9	96	4725	4950	80	blue/white
R.4004B.30.0090	60	30	≥70	≥0.9	192	9495	9900	130	blue/white

- Specification

Section size	150*70mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	130°*70°
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP65
Vibration level	3G
Anti-collision level	IK10
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves



N E P H E L E

1 High strength die cast aluminum integrated molding
Sturdy and reliable structure, durable and long-lasting
Waterproof IP65, Protection level IK09

2 Smart Lighting
Optional single light controller

3 Professional optical output surface
With glass cover, optical distribution with reflector,
High light efficiency, no glare.

4 Convenient maintenance
Spring type installation, convenient for operate on-site.

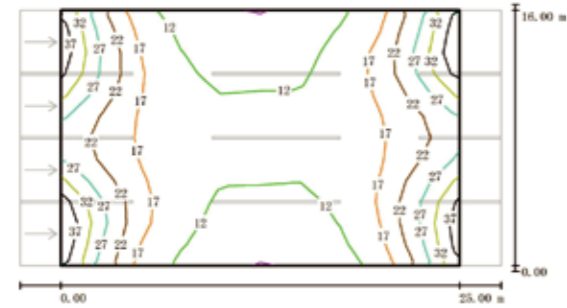
5 Flexible and Varied
Various intelligent accessories can be installed according to the needs of the site.

Light Module Features



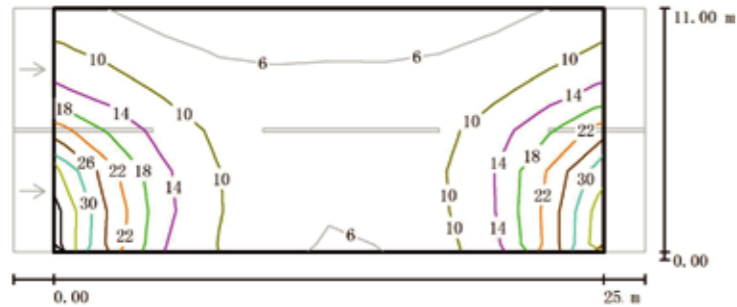
- Scene illumination simulation

Power 30W Height 4.5m Distance 18m CCT 3000k One side lighting



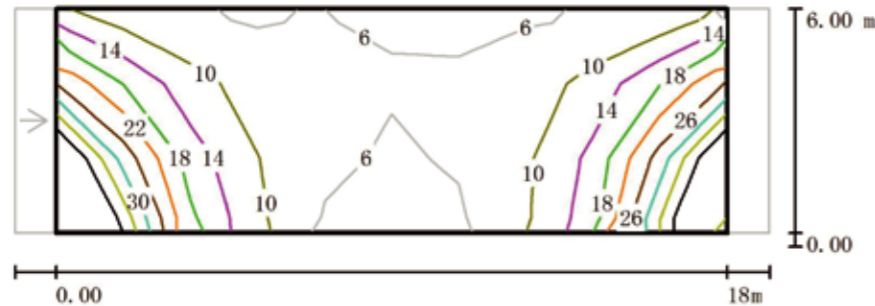
Average illuminance(lx) 14
 Min illuminance(lx) 4.25
 Max illuminance(lx) 44
 Min illuminance/Average illuminance 0.31

Power 60W Height 7.5m Distance 25m CCT 3000k One side lighting



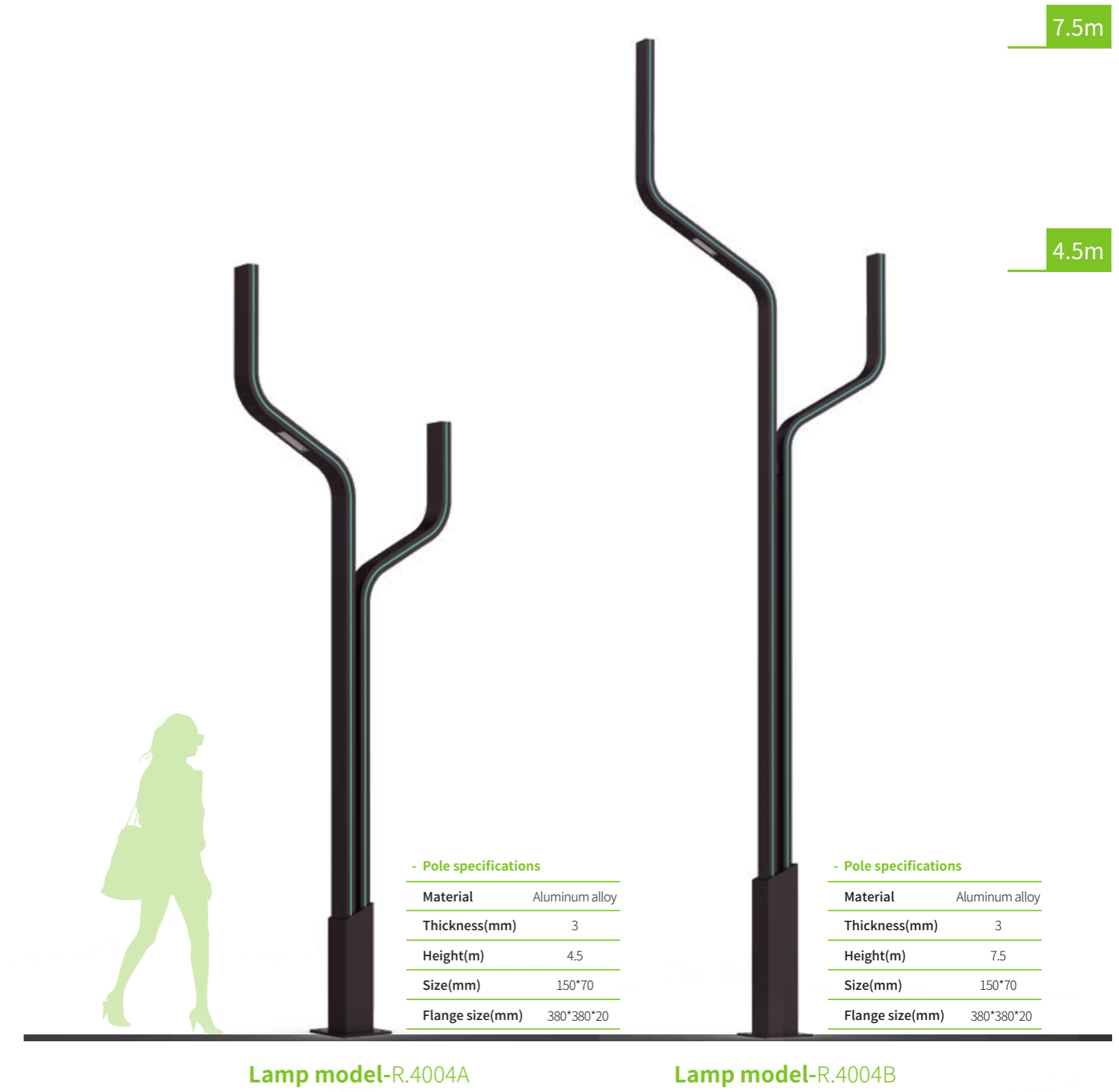
Average illuminance(lx) 11
 Min illuminance(lx) 4.35
 Max illuminance(lx) 33
 Min illuminance/Average illuminance 0.386

Power 60W Height 7.5m Distance 25m CCT 3000k Two side lighting



Average illuminance(lx) 17
 Min illuminance(lx) 7.5
 Max illuminance(lx) 36
 Min illuminance/Average illuminance 0.433

A Variety Of Rod Combinations



7.5m

4.5m

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	4.5
Size(mm)	150*70
Flange size(mm)	380*380*20

- Pole specifications

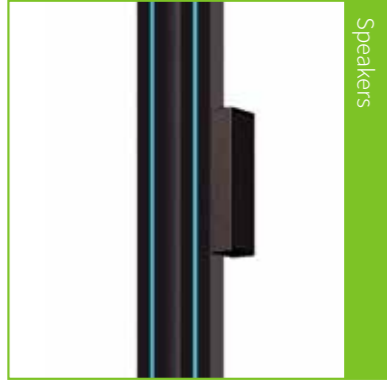
Material	Aluminum alloy
Thickness(mm)	3
Height(m)	7.5
Size(mm)	150*70
Flange size(mm)	380*380*20

Lamp model-R.4004A

Lamp model-R.4004B

R.4004 Smart module

Highly integrated with a variety of intelligent terminal devices, combined with supporting platform control software, can realize the interconnection and real-time online management of all devices, and provide equipment status monitoring and fault warranty for IoT applications.



Speakers



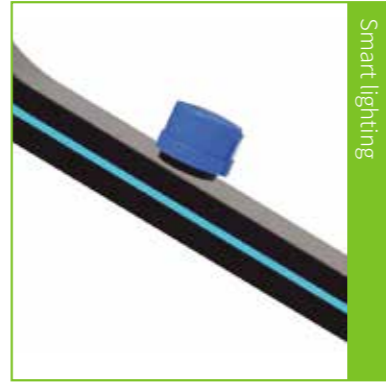
LED display



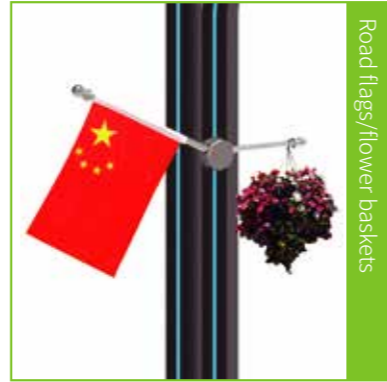
Signage



WiFi module



Smart lighting



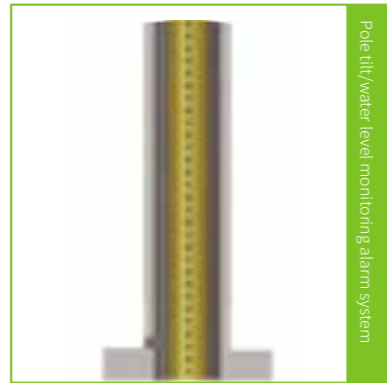
Road flags/flower baskets



USB charging



Leakage monitoring and alarm system

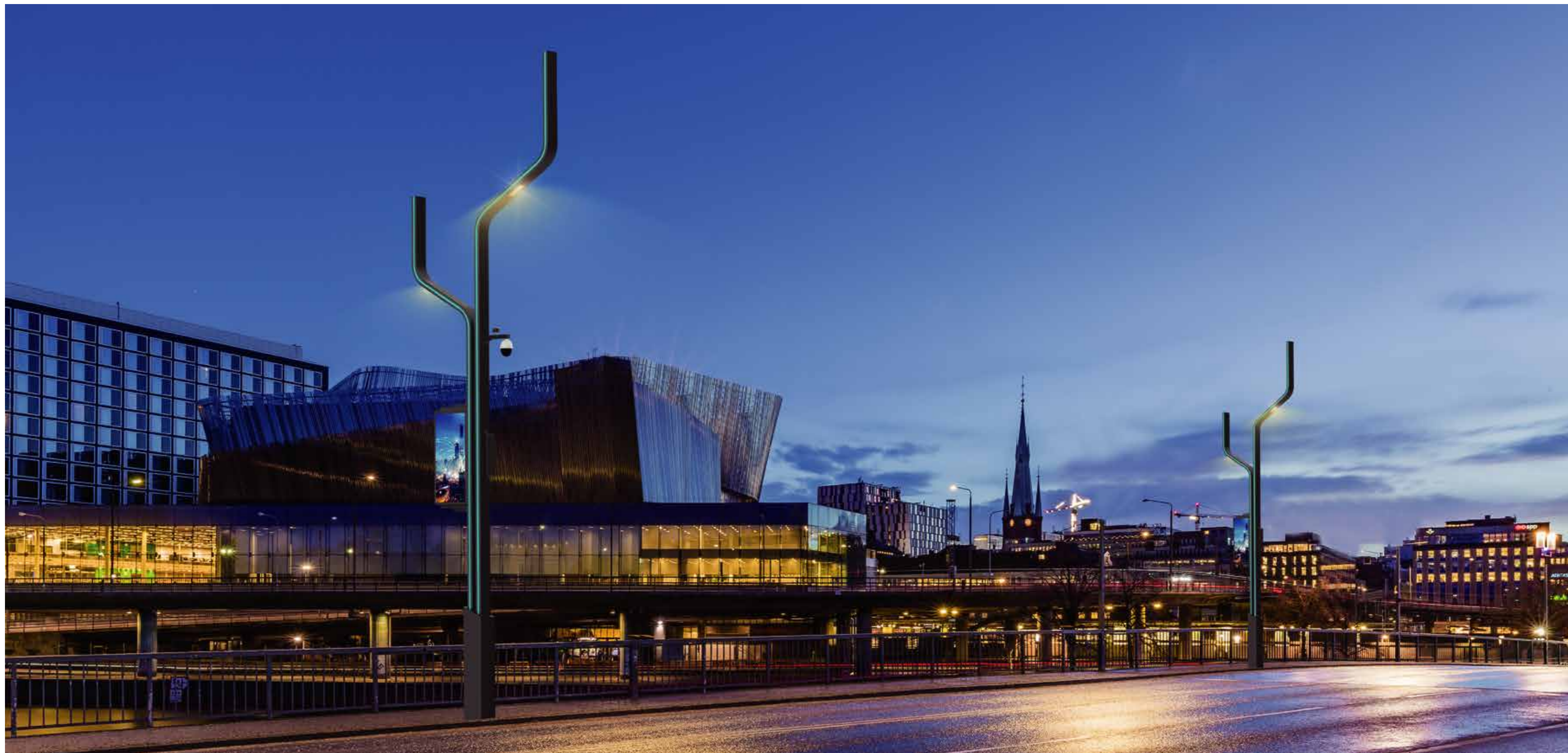


Pole tilt/water level monitoring alarm system



Digital surveillance







R.4005

ASTERIA

Luminaire features:

· R. 4005 is a simple and beautiful garden light, widely used in parks, residential communities, gardens, commercial streets, tourist areas, and other places.

· High grade ADC12 aluminum material, integrated die-casting molding, sturdy and sturdy.

· The lamp surface treated with spray coating process which can resistant 500 hours salt corrosion, also can effectively resist ultraviolet radiation and harsh environmental corrosion.



Dimensions and specifications

- R.4005

Lamp model	Power(w)	CRI	Power Factor	LED QTY	CCT(K)	Luminous flux(lm)	Optics
R.4005A.10.0035	35	≥70	≥0.9	168	2200	2135	110 °
	35	≥70	≥0.9	168	2700	2555	110 °
	35	≥70	≥0.9	168	3000	2905	110 °
	35	≥70	≥0.9	168	4000/5000	2975	110 °

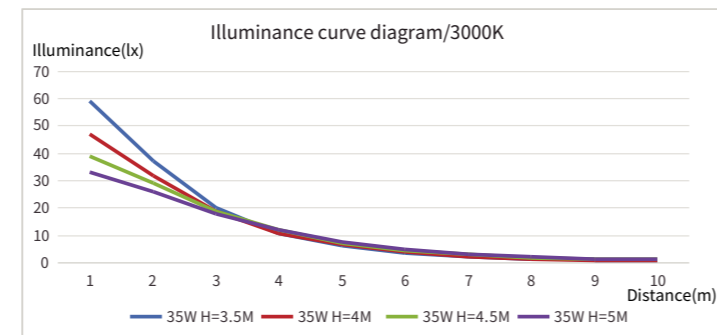
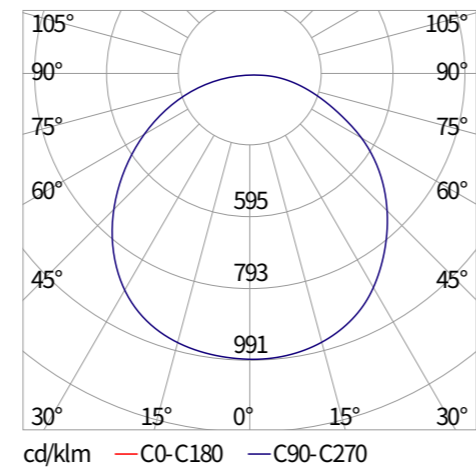
- Lamp Specification

Lamp size	φ600*H282 mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	110°
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP65
Vibration level	1.5G
Anti-collision level	IK10
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Illuminance reference

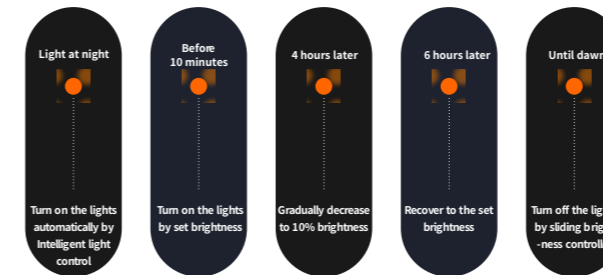
Power	Height	Optics	Distance									
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
35w	3.5m	110°	59	37	20	11	6.2	3.6	2.3	1.4	1	0.7
35w	4m	110°	47	32	19	11	6.6	3.9	2.5	1.6	1.1	0.8
35w	4.5m	110°	39	29	19	12	7.2	4.5	3	1.9	1.3	1
35w	5m	110°	33	26	18	12	7.7	5	3.4	2.3	1.6	1.4

- Light distribution curves



1 Optional time control

The lights can adjust their brightness automatically according to the set time.



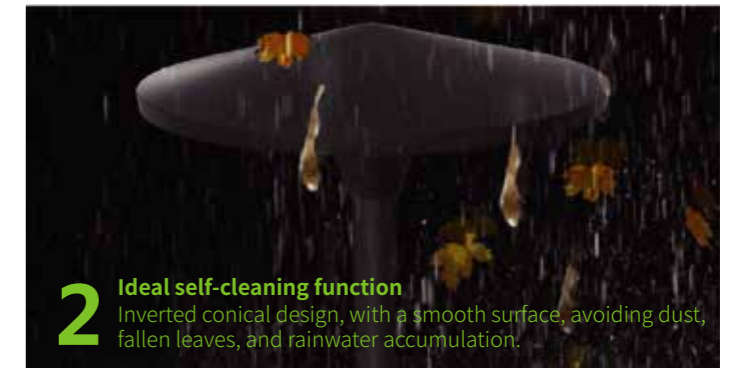
3 Optional microwave induction

Lights light up when people come, and turn off when people leave



2 Ideal self-cleaning function

Inverted conical design, with a smooth surface, avoiding dust, fallen leaves, and rainwater accumulation.



4 Professional optical output surface

Anti aging, anti yellowing, Good weather resistance performance



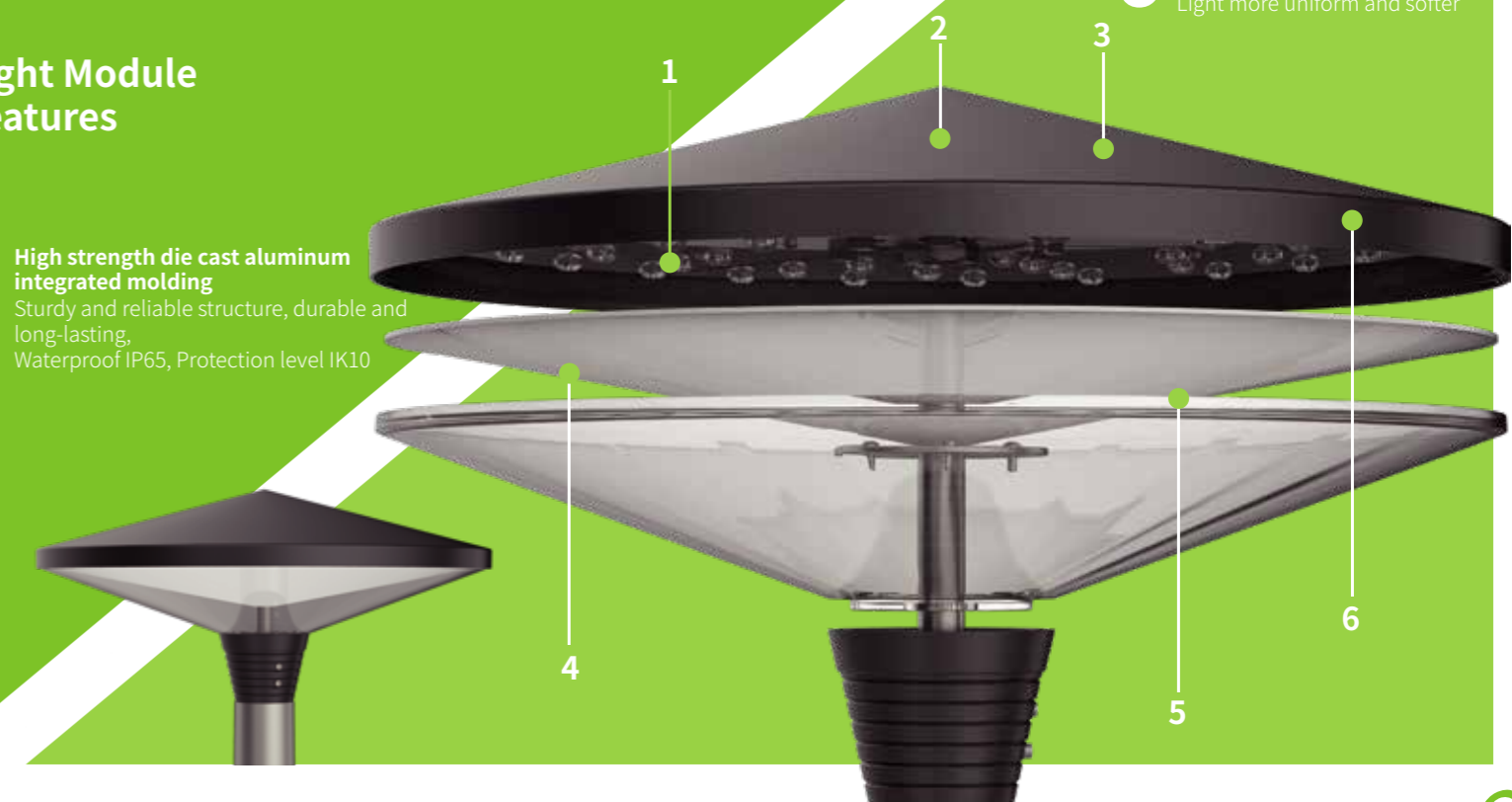
6 Double layer transparent optical simulation design

Light more uniform and softer

Light Module Features

5 High strength die cast aluminum integrated molding

Sturdy and reliable structure, durable and long-lasting, Waterproof IP65, Protection level IK10



A Variety Of Rod Combinations

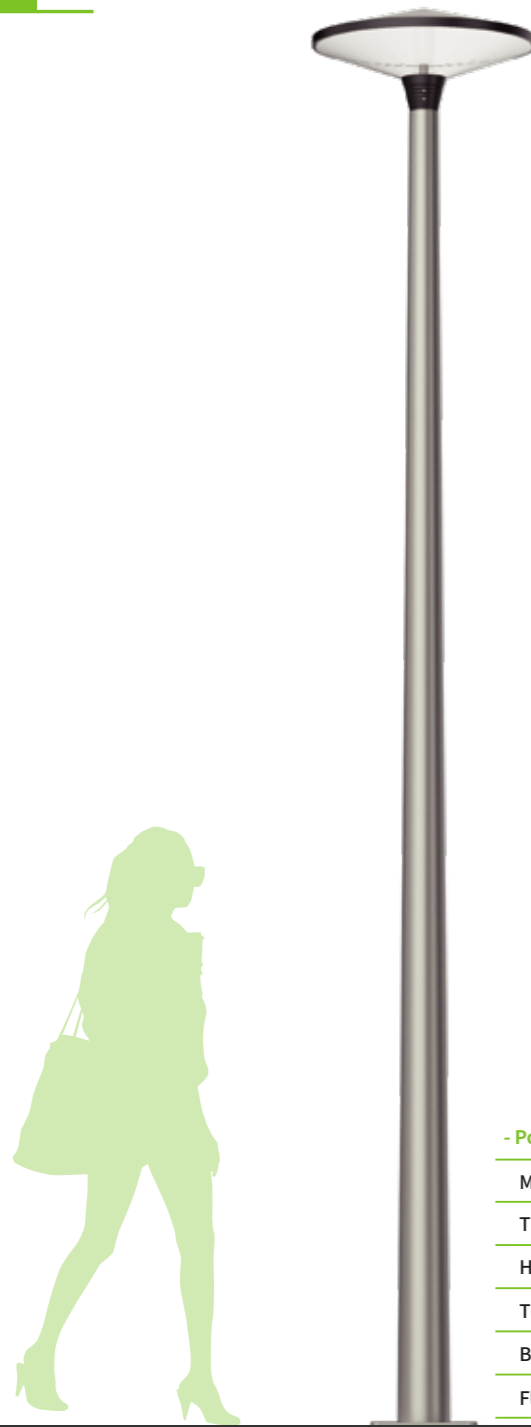
ASTERIA

3.5-4m

3.5-4m

039

Smart Garden Light | ASTWRIA



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4
Top size(mm)	Ø70
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole
Pole model-Pole.3605



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4
Top size(mm)	Ø70
Bottom size(mm)	Ø127
Flange size(mm)	240*240

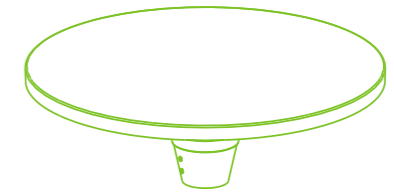
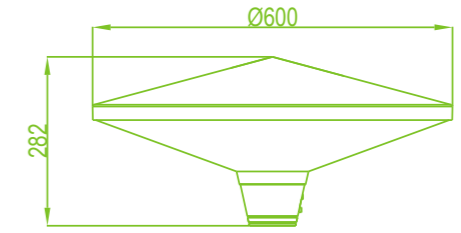
Tapered pole+decoration
Pole model-Pole.3606



- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

Chutes pole
Pole model-Pole.3401



040

Smart Garden Light | ASTWRIA

041

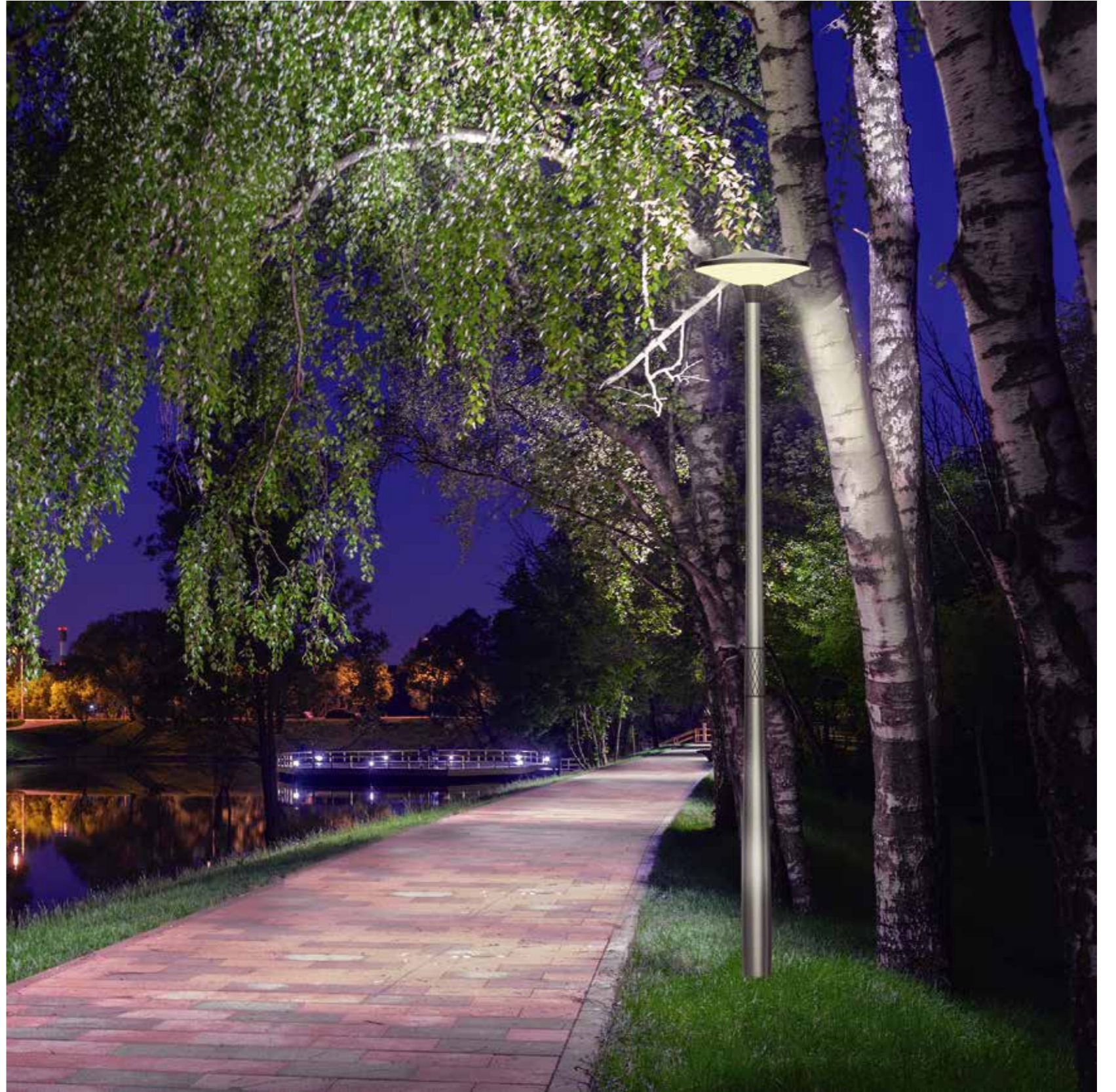
Smart Garden Light | ASTWRIA



GREEN®

042

Smart Garden Light | ASTWRIA



GREEN®



Luminaire features:

· R. 4007 series is a simple and lively garden lamp, which can also be used for lighting in the street.

- With face down lighting and internal transparency allows for the same color at night and day.
- This product is applied to places such as landscaping, commercial streets, residential areas, villa areas, public squares, and tourist attractions.

R.4007

TETHYS



Dimensions and specifications

- R.4007

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics	Ambient lighting Power(W)
R.4007A .10 .0030	30	≥70	≥0.9	96	3015	3598	4020	4233	T2/T3/T4	35
	30	≥70	≥0.9	96	2835	3383	3780	3980	T5	35
R.4007A .10 .0050	50	≥70	≥0.9	144	5025	5997	6700	7055	T2/T3/T4	35
	50	≥70	≥0.9	144	4725	5639	6300	6634	T5	35
R.4007A .10 .0075	75	≥70	≥0.9	144	7403	8834	9870	10393	T2/T3/T4	35
	75	≥70	≥0.9	144	6960	8306	9280	9772	T5	35

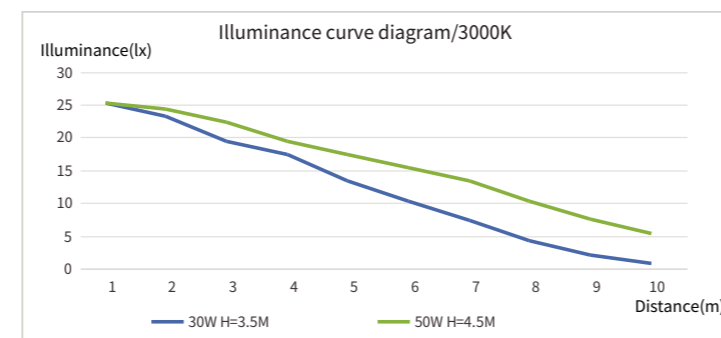
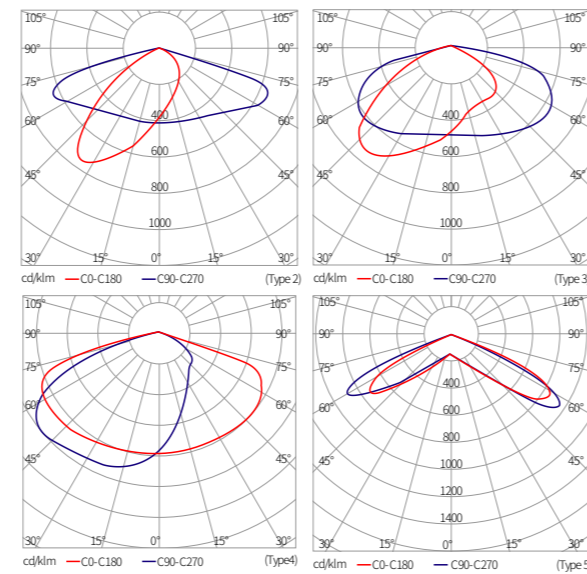
- Lamp Specification

Lamp size	φ498*H415 mm
Body material	PE
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	Type2/Type3/Type4/Type5
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90@Ta 40°C
safety class	ClassI
IP	IP65
Vibration level	1.5G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Illuminance reference

Power	Height	Optics	Distance												
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m			
30w	3.5m	Type5	26	24	20	18	14	11	8	5	2.8	1.6			
50w	4.5m	Type5	26	25	23	20	18	16	14	11	8.3	6			

- Light distribution curves



2 Two mounting methods

Different mounting methods based on different rod types.



1 Application flexible

Multiple colors and rod shapes for selection, meeting various applications.



Light Module Features



3 Lighting effects

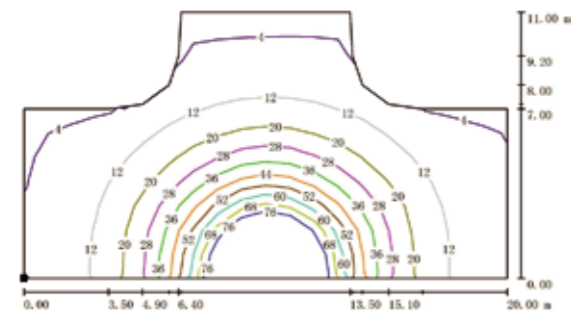
With face down lighting and internal transparency allows for the same color at night and day.

A Variety Of Rod Combinations

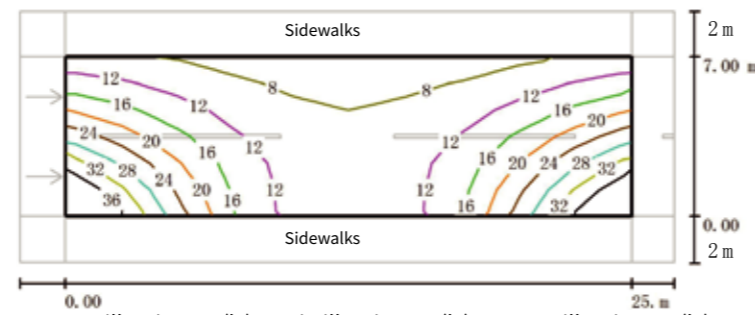
3.5-6m

- Scene illumination simulation

Power50W Height 3.5m CCT3000k Type4 Area lighting

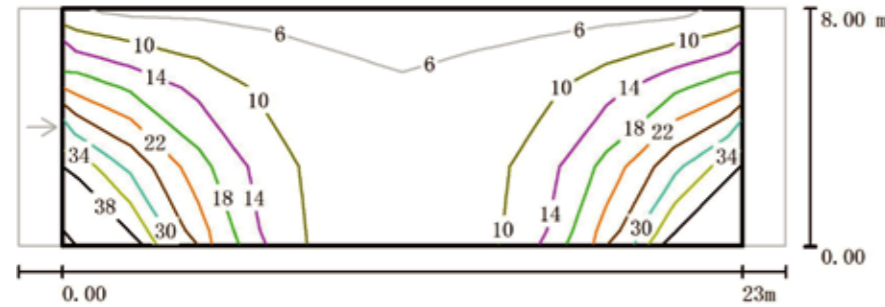


Power 75W Height 6m Distance 25m CCT 3000k Type3 One side lighting



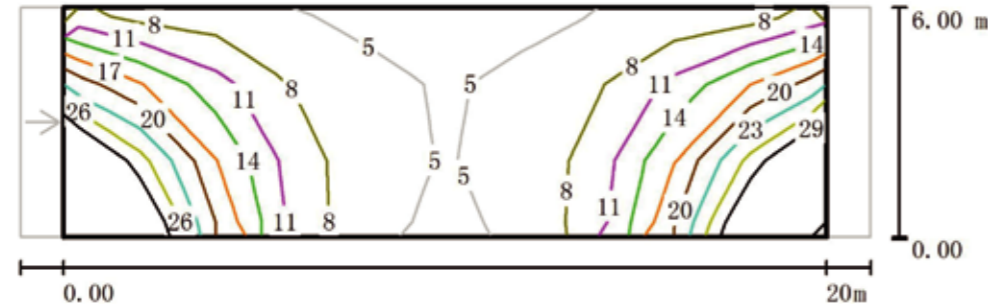
Average illuminance(lx) 15
Min illuminance(lx) 6.54
Max illuminance(lx) 40
Min illuminance/Average illuminance 0.425

Power 50W Height 4.5m Distance 23m CCT 3000k Type3 One side lighting



Average illuminance(lx) 14
Min illuminance(lx) 5.52
Max illuminance(lx) 40
Min illuminance/Average illuminance 0.381

Power 30W Height 4.5m Distance 20m CCT 3000k Type3 One side lighting



Average illuminance(lx) 13
Min illuminance(lx) 4.46
Max illuminance(lx) 38
Min illuminance/Average illuminance 0.341



Tapered pole
Pole model-Pole.3605

Tapered pole+decoration
Pole model-Pole.3606

Chutes pole
Pole model-Pole.3401

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4.5/6
Top size(mm)	Ø70
Bottom size(mm)	Ø127
Flange size(mm)	240*240

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4.5/6
Top size(mm)	Ø70
Bottom size(mm)	Ø127
Flange size(mm)	240*240

- Pole specifications

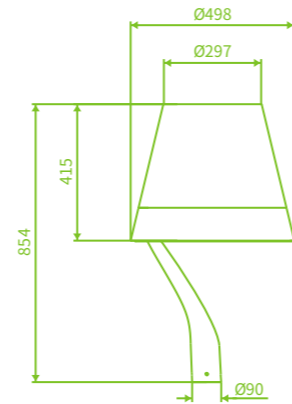
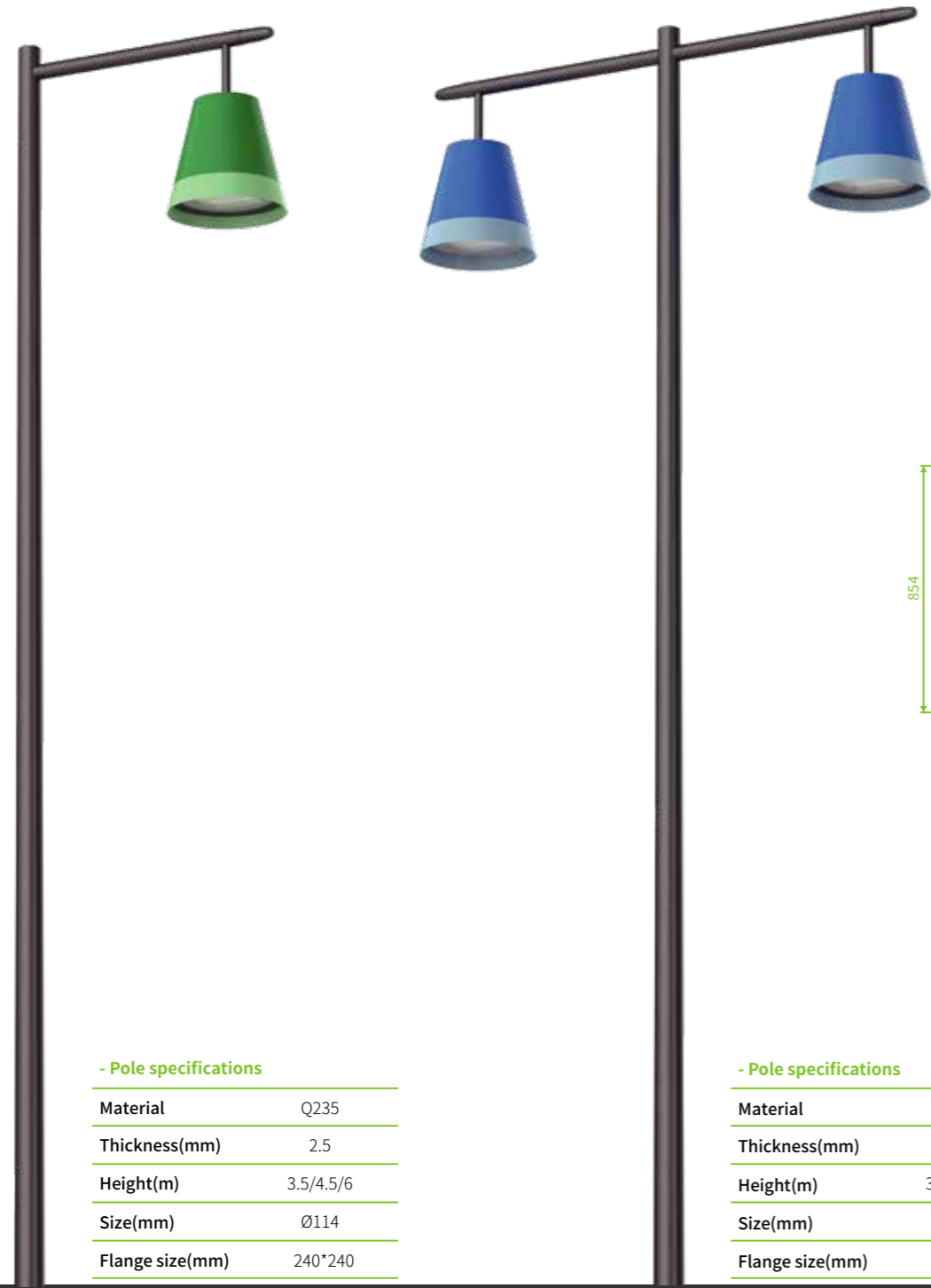
Material	Aluminum alloy
Thickness(mm)	2.5
Height(m)	3.5/4.5/6
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

A Variety Of Rod Combinations

3.5-6m

049

Smart Garden Light | TETHYS



- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4.5/6
Size(mm)	Ø114
Flange size(mm)	240*240

Cylindrical pole
Pole model-Pole.3607A

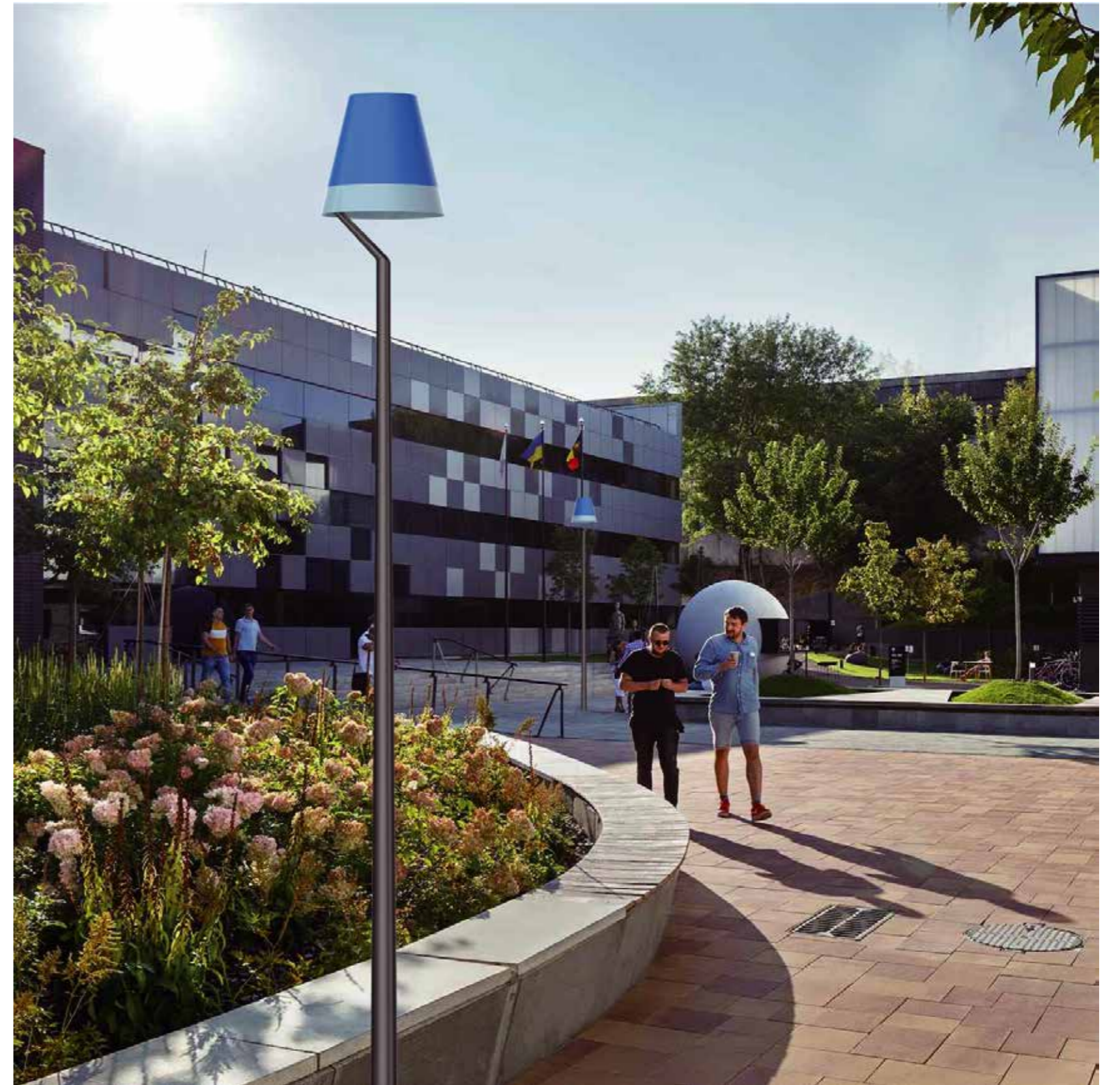
- Pole specifications

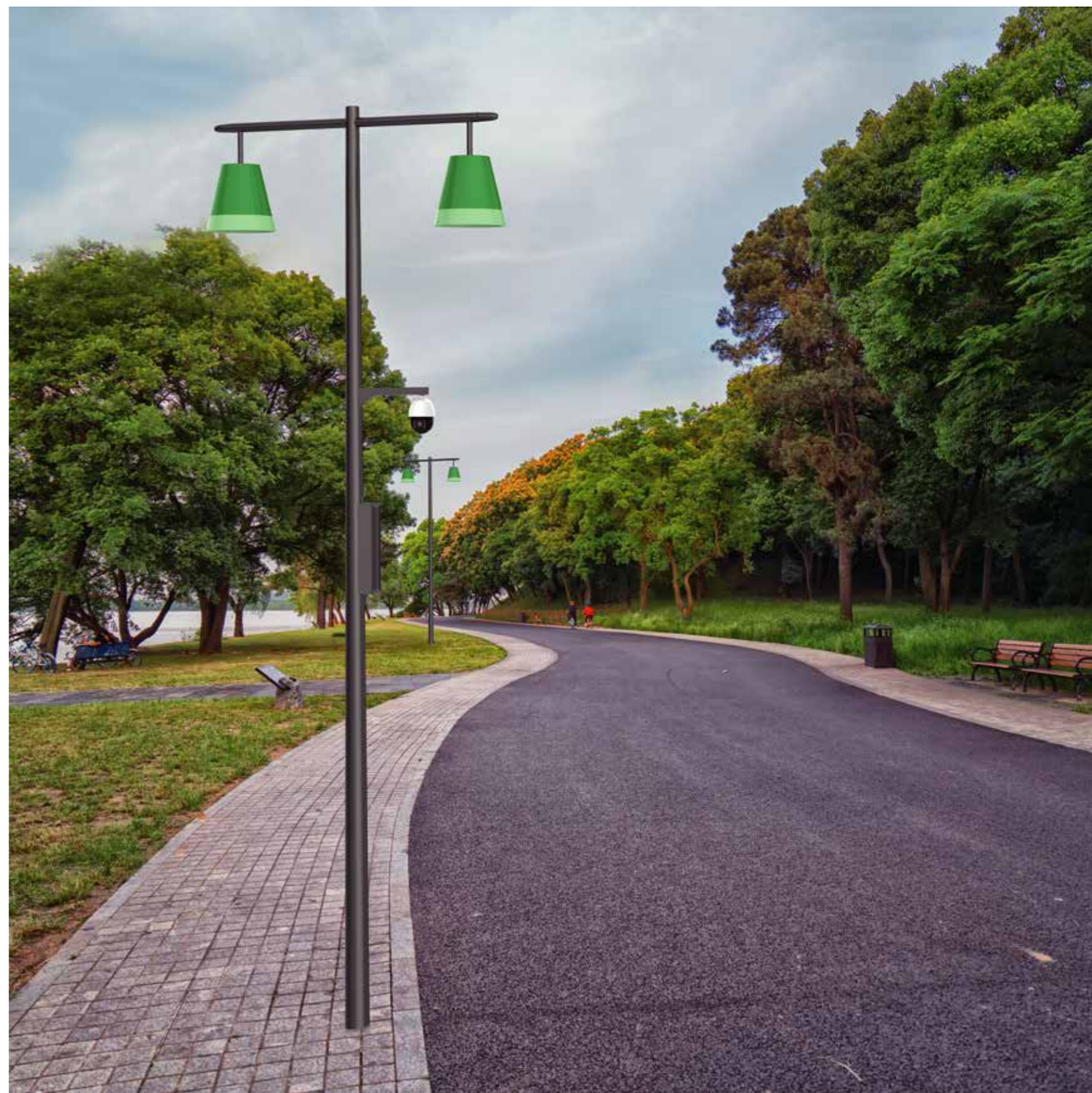
Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4.5/6
Size(mm)	Ø114
Flange size(mm)	240*240

Cylindrical pole
Pole model-Pole.3607B

050

Smart Garden Light | TETHYS







Luminaire features:

· R. 4010 is made of Q235 material, with a surface hot-dip galvanized and sprayed.

- LED module use international famous brand.
- Light distribution is composed of optical components of a dual reflector, which is more scientific and with good anti glare performance.



R.4010 OUREA



Dimensions and specifications

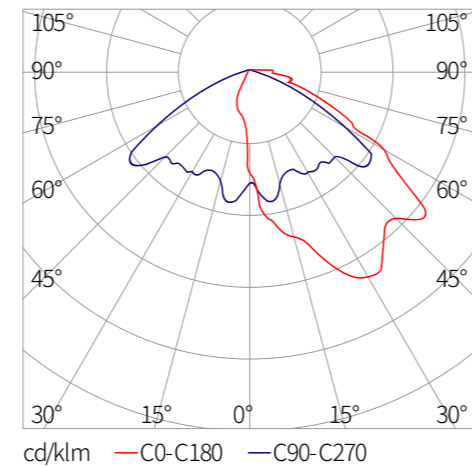
- R.4010

Lamp model	Power(w)	Auxiliary light Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
R.4010A.31.0030	30	/	≥70	≥0.9	64	3165	3332	130°*70°
R.4010A.31.0060	60	/	≥70	≥0.9	128	6330	6664	130°*70°
R.4010B.31.0090	60	30	≥70	≥0.9	192	9495	9900	130°*70°
R.4010C.30.0030	30	/	≥70	≥0.9	64	3165	3332	130°*70°

- Lamp Specification

Section size	160*80mm
Body material	Q235
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	130°*80°
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	ClassI
IP	IP65
Vibration level	3G
Anti-collision level	IK10
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves



1 Professional optical output surface
With glass cover, optical distribution with reflector, High light efficiency, no glare.



3 Convenient maintenance
Spring type installation, convenient for operate on-site.

2 High strength die cast aluminum integrated molding
Sturdy and reliable structure, durable and long-lasting
Waterproof IP65, Protection level IK09

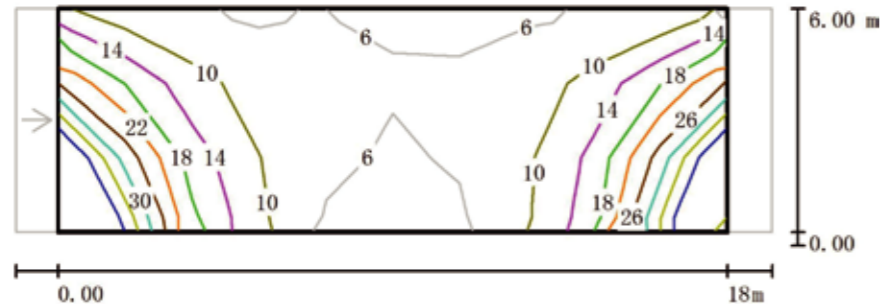
Light Module Features

5 Smart Lighting
Optional single light controller

4 Flexible and Varied
Various intelligent accessories can be installed according to the needs of the site

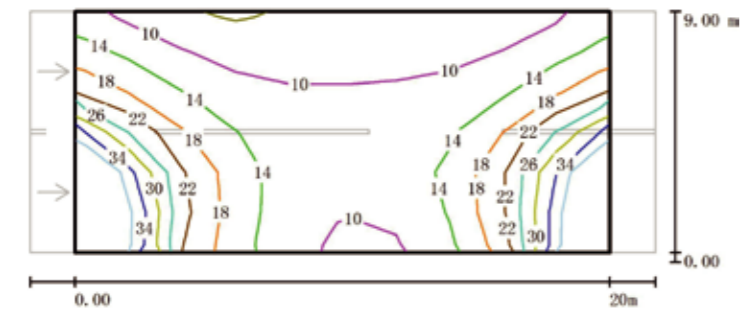
- Scene illumination simulation

Power 30W Height 4.5m Distance 18m CCT 3000k One side lighting



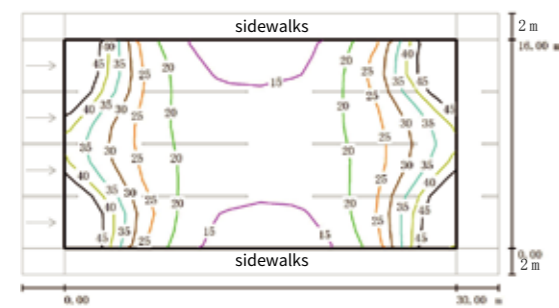
Average illuminance(lx) 14
 Min illuminance(lx) 4.25
 Max illuminance(lx) 44
 Min illuminance/Average illuminance 0.310

Power 60W Height 6m Distance 20m CCT 3000k One side lighting



Average illuminance(lx) 17
 Min illuminance(lx) 6.58
 Max illuminance(lx) 50
 Min illuminance/Average illuminance 0.382

Power 3*15W Height 4.2m Distance 18m CCT 3000k One side lighting



Average illuminance(lx) 26
 Min illuminance(lx) 11
 Max illuminance(lx) 58
 Min illuminance/Average illuminance 0.418

A Variety Of Rod Combinations

4.5-8m



- Pole specifications

Material	Q235
Thickness(mm)	3.5
Height(m)	4.5/6
Size(mm)	160*80
Flange size(mm)	380*380*20

- Pole specifications

Material	Q235
Thickness(mm)	3.5
Height(m)	8
Size(mm)	160*80
Flange size(mm)	380*380*20

Lamp model-R.4010A

Lamp model-R.4010B

A Variety Of Rod Combinations

059

Smart Garden Light | OUREA



- Solar parameters

Lithium battery system	Capacitance	Voltage
	360Wh	12V
Photovoltaic modules	Power	Voltage
	120W	18-20V
Operating temperature	-10°C~+60°C	
Ingress protection	IP65	
Lighting time	All night 3-5days	
Induction model	light/time-controlled	

- Pole specifications

Material	Q235
Thickness(mm)	3.5
Height(m)	4.5/6
Size(mm)	160*80
Flange size(mm)	380*380*20

Lamp model-R.4010C

060

Smart Garden Light | OUREA





Luminaire features:

- The R.4012 series is designed with indirect lighting.
- which can control the glare effect well.
- PC visor protects the light-emitting area.
- NEMA interfaces can be configured according to customer requirements to intelligent control.
- Widely used in parks, pedestrian streets, and tourist attractions.



R.4012

GLAUKE

Dimensions and specifications

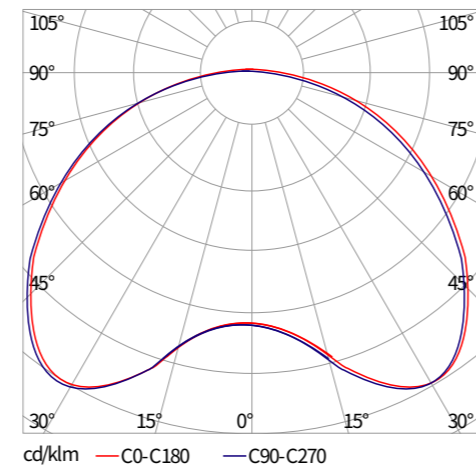
- R.4012

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
R.4012A.10.0030	30	≥70	≥0.9	1	1800	2150	2400	2530	135°
R.4012A.10.0050	50	≥70	≥0.9	1	3000	3580	4000	4210	135°

- Lamp Specification

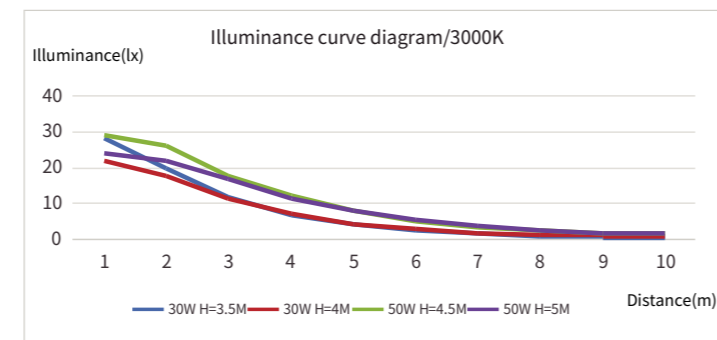
Lamp size	φ482*H618 mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	135°
LED model	COB LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class1
IP	IP66
Vibration level	3G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves



- Illuminance reference

Power	Height	Optics	Distance																	
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m								
30w	3.5m	135°	28	20	12	7	4.2	2.6	1.7	1.1	0.8	0.6								
30w	4m	135°	22	17.8	11.3	7.3	4.5	3	2	1.4	1	0.6								
50w	4.5m	135°	29	26	17.8	12.2	8	5.3	3.7	2.5	1.8	1.5								
50w	5m	135°	24	22	17	11.3	8	5.6	4	2.8	2	1.6								



- 1 Smooth surface, avoid dust, fallen leaves, rain and snow accumulation, with good self-cleaning function.
- 2 Secondary reflection PE high reflectivity material, can not only improve the light efficiency, but also avoid glare.
- 3 Optical grade PC light transmittance, high light transmittance, strong weather resistance.
- 4 High quality aluminum alloy die-casting lamp body, electrostatic spraying treatment, corrosion resistance, durable.

Light Module Features



- 5 The light surface is uniform, soft, and not dazzling.

A Variety Of Rod Combinations

GLAUKE

3.5-5m

065

Smart Garden Light | GLAUKE



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole
Pole model-Pole.3605



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole+decoration
Pole model-Pole.3606



- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

Chutes pole
Pole model-Pole.3401



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

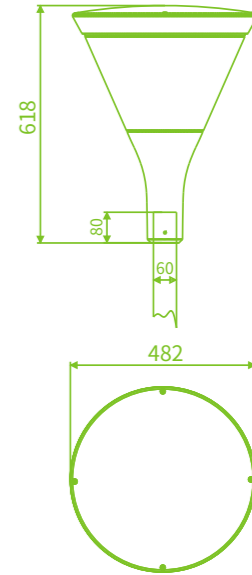
Tapered pole
Pole model-Pole.3611



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole
Pole model-Pole.3612



066

Smart Garden Light | GLAUKE

A Variety Of Rod Combinations

4.5-6m



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	4.5/5/6
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole
Pole model-Pole.3613



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Pole size(mm)	Ø110
Flange size(mm)	240*240

Cylindrical pole
Pole model-Pole.3614

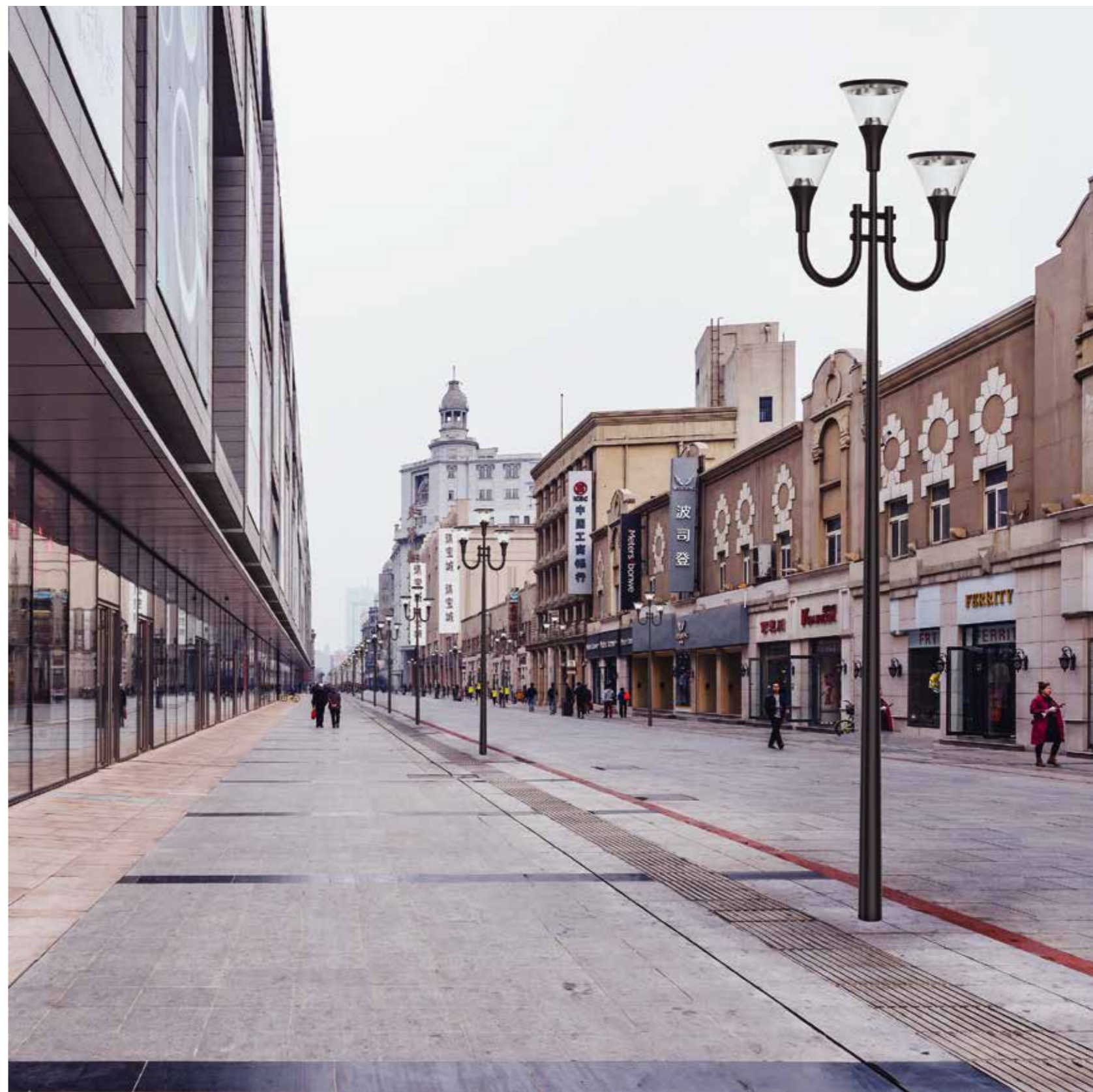


067

Smart Garden Light | GLAUKE

068

Smart Garden Light | GLAUKE





Luminaire features:

· R.4013 is a curved garden light product, widely used in parks, residential areas, gardens, commercial pedestrian streets, scenic areas and other places.

- Brand LED chip design, high brightness, strong color rendering, large chip area.
- The lamp body is die-cast, strong and firm; The tempered glass has a light transmittance of up to 92%
- The lamp body is made of high grade ADC12 aluminum, die-casting molding, strong and firm
- The lamp pole is 6063 aluminum alloy pipe, longitudinal without welding, smooth lines, excellent roundness, with high wind resistance and corrosion resistance
- 500-hour salt-corrosion resistant spraying process on the surface of lamp body and lamp pole can effectively resist ultraviolet light and harsh environment corrosion.
- The whole lamp IP66 waterproof and dustproof design, IK08 protection design, durable.

R.4013 GAEA



Dimensions and specifications

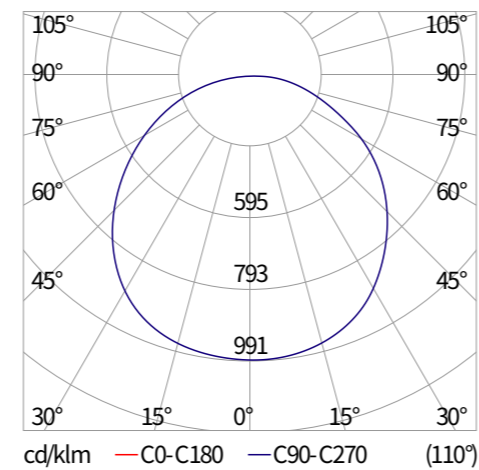
- R.4013

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
R.4013A.10.0030	30	≥70	≥0.9	442	2250	2550	2850	3000	110 °
R.4013A.10.0050	50	≥70	≥0.9	442	3500	4000	4500	4750	110 °
R.4013B.10.0030	30	≥70	≥0.9	96	3015	3598	4020	4233	T2/T3/T4
	30	≥70	≥0.9	96	2835	3383	3780	3980	T5
R.4013B.10.0050	50	≥70	≥0.9	144	5025	5997	6700	7055	T2/T3/T4
	50	≥70	≥0.9	144	4725	5639	6300	6634	T5
R.4013B.10.0075	75	≥70	≥0.9	144	7403	8834	9870	10393	T2/T3/T4
	75	≥70	≥0.9	144	6960	8306	9280	9772	T5

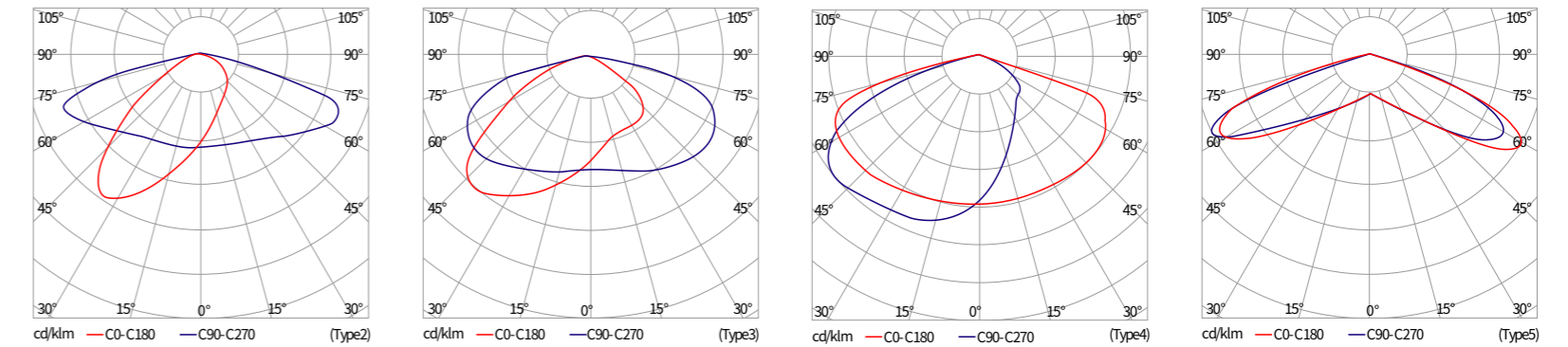
- Lamp Specification

Lamp size	φ600*H678 mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	110°
LED model	2835 LED/3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP66
Vibration level	3G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- R.4013A Light distribution curves



- R.4013B Light distribution curves



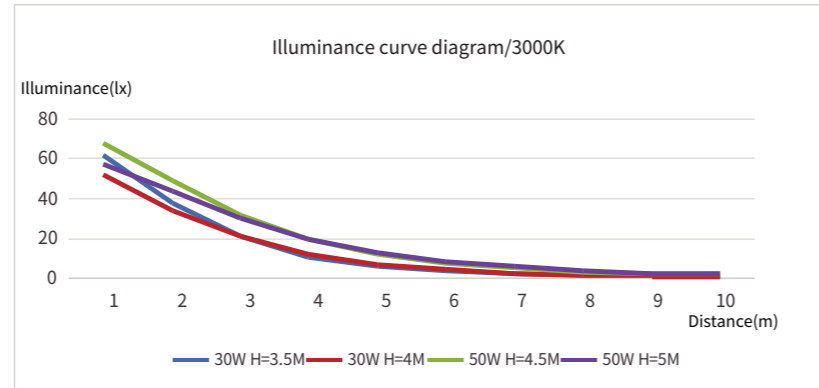
Light Module Features

- 1 High quality aluminum alloy die-casting lamp body, electrostatic spraying treatment, corrosion resistance, durable.
- 2 Smooth surface, avoid ash layer, fallen leaves, rainwater accumulation, With ideal self-cleaning function.
- 3 Diffused optical material, the light is more uniform, soft, and not dazzling. Tempered glass protection, more safe and reliable.
- 4 Angular structure design, very distinctive personality.
- 5 The light comes out evenly at night, and the lighting is softer.

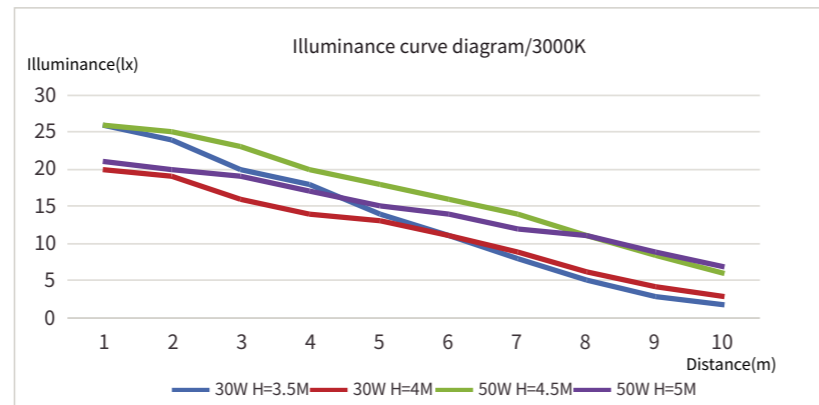


- Illuminance reference

Power	Height	Optics	Distance									
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
30w	3.5m	110°	62	38	21	11	6.4	3.7	2.3	1.4	1	0.8
30w	4m	110°	52	34	21	12	7.2	4.4	2.8	1.8	1.2	0.9
50w	4.5m	110°	68	49	32	20	12	7.9	5.2	3.5	2.3	2
50w	5m	110°	57	44	30	20	13	8.6	5.9	4	2.7	2.5

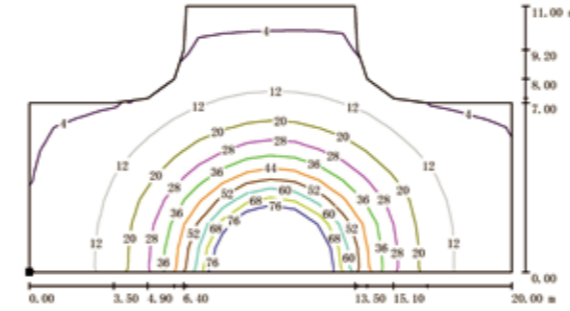


Power	Height	Optics	Distance									
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
30w	3.5m	Type5	26	24	20	18	14	11	8	5	2.8	1.6
30w	4m	Type5	20	19	16	14	13	11	8.7	6.2	4.1	2.7
50w	4.5m	Type5	26	25	23	20	18	16	14	11	8.3	6
50w	5m	Type5	21	20	19	17	15	14	12	11	8.8	6.9

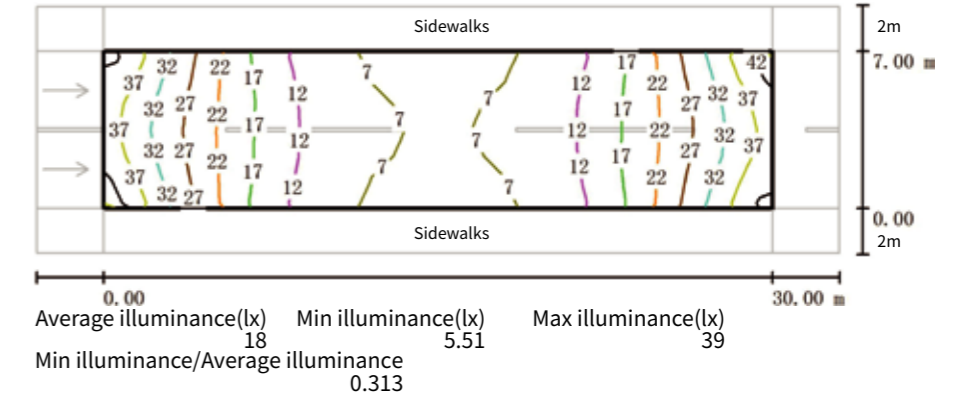


- Scene illumination simulation

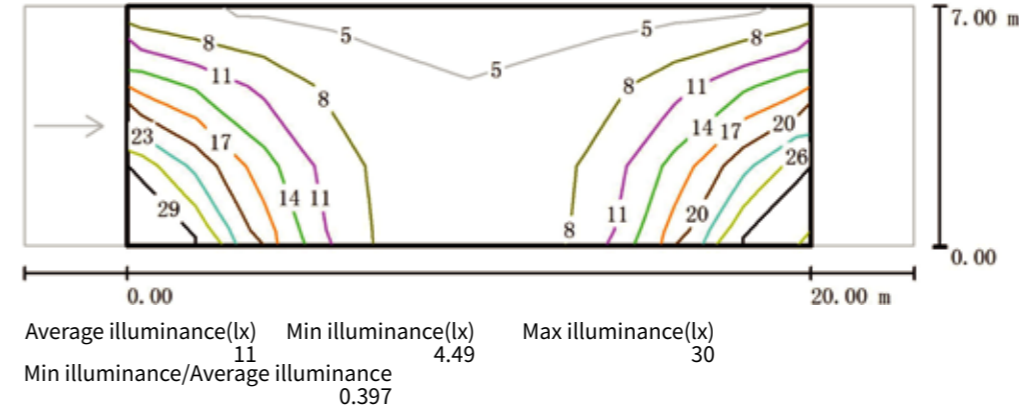
Power50W Height4m CCT3000k Type4 Area lighting



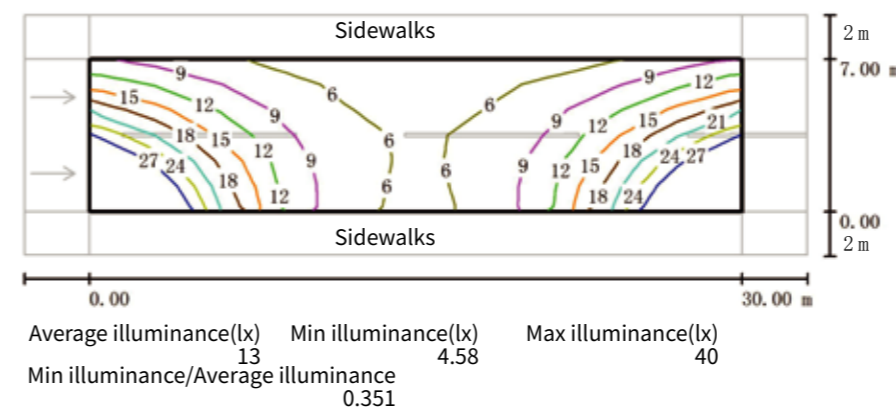
Power 20W Height 5m Distance 30m CCT 3000k Type3 Two side lighting



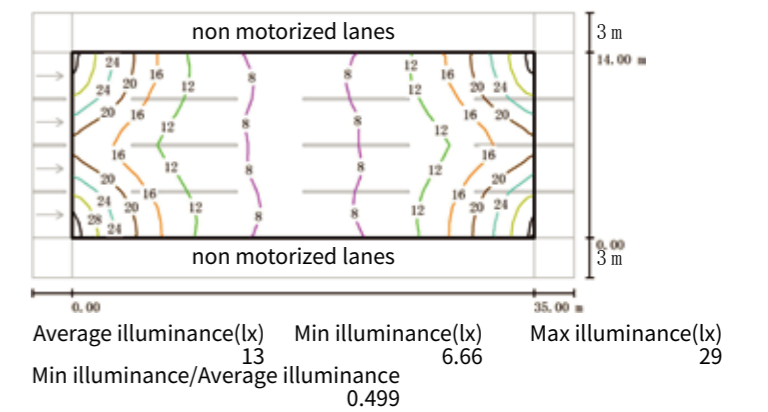
Power 30W Height 4.5m Distance 20m CCT 3000k Type3 One side lighting



Power 75W Height 6m Distance 30m CCT 3000k Type3 One side lighting



Power 75W Height 8m Distance 35m CCT 3000k Type2 Two side lighting



A Variety Of Rod Combinations

GAEA

6-8m

3.5-5m

077

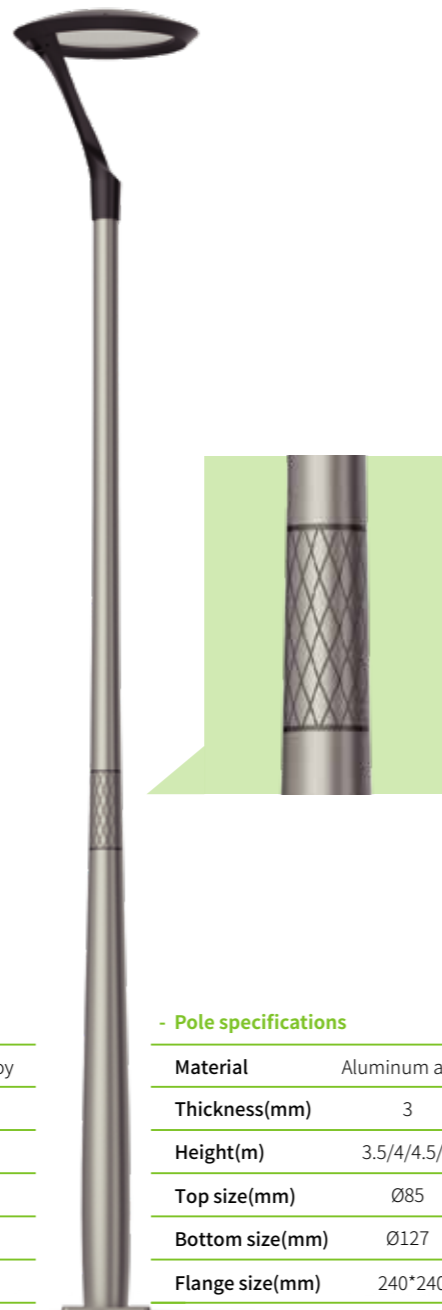
Smart Garden Light | GAEA



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole
Pole model-Pole.3605



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole+decoration
Pole model-Pole.3606



- Pole specifications

Material	Q235
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø133
Flange size(mm)	300*300

Double-section pole
Pole model-Pole.3616



- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

Chutes pole
Pole model-Pole.3401



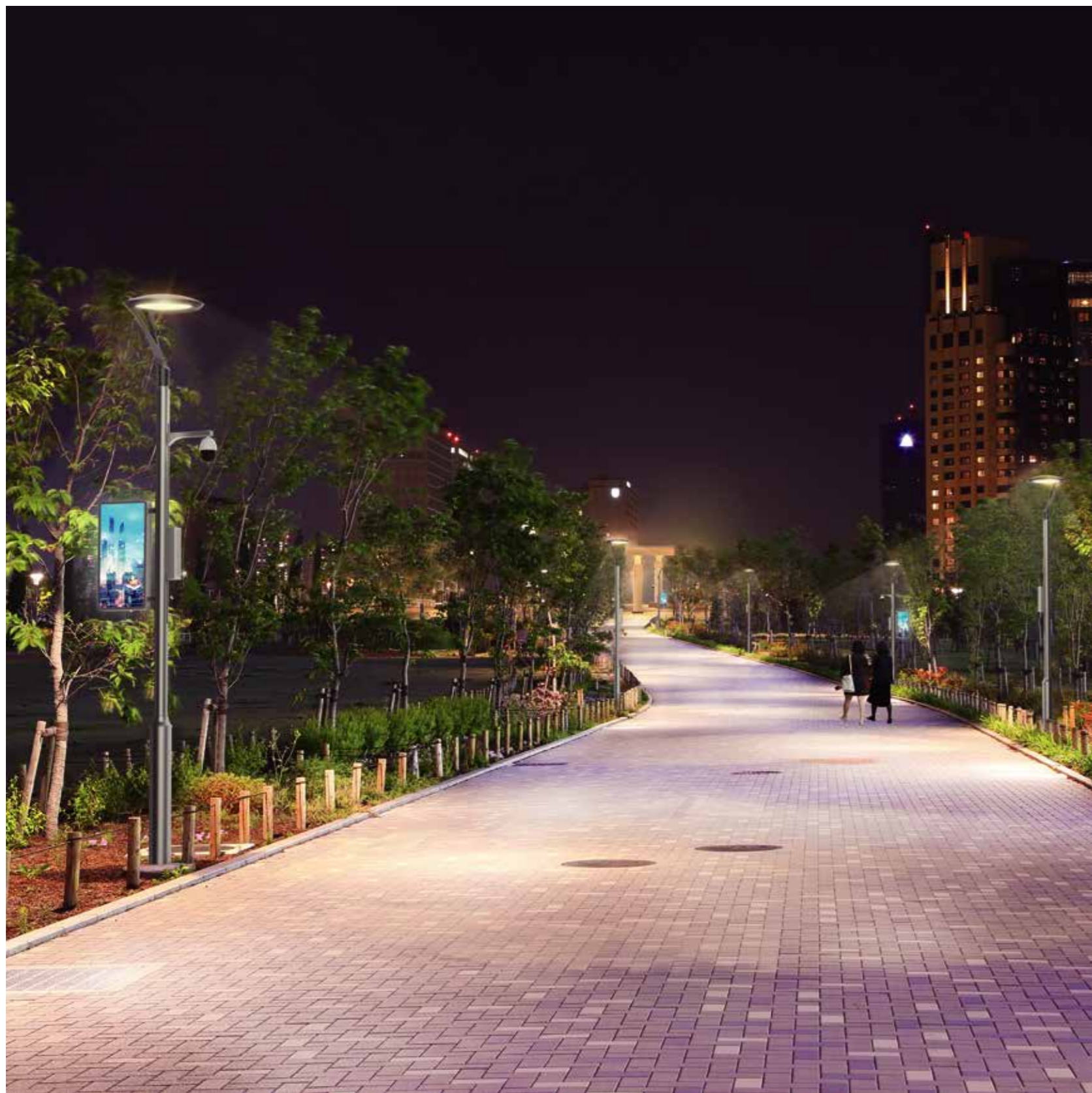
- Pole specifications

Material	Q235
Thickness(mm)	3
Height(m)	6/8
Top size(mm)	Ø114
Bottom size(mm)	Ø165
Flange size(mm)	300*300

Chutes pole
Pole model-Pole.3402

078

Smart Garden Light | GAEA





R.4014

THEMIS

Luminaire features:

· R.4014 series product shell is an integrated die-cast aluminum molding structure.

· The shape is simple, flexible and smooth, with ideal self-cleaning function such as no water, no snow accumulation ect.

· a variety of light distribution options, and equipped with NEMA standard interface.

· widely used in parks, pedestrian streets, leisure and tourist attractions, as well as places with motor vehicles.



Dimensions and specifications

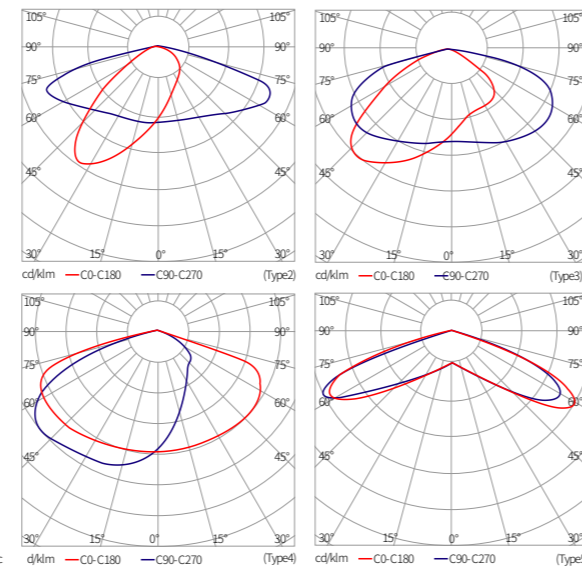
- R.4014

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
R.4014A .10 .0030	30	≥70	≥0.9	96	3015	3598	4020	4233	T2/T3/T4
	30	≥70	≥0.9	96	2835	3383	3780	3980	T5
R.4014A .10 .0050	50	≥70	≥0.9	144	5025	5997	6700	7055	T2/T3/T4
	50	≥70	≥0.9	144	4725	5639	6300	6634	T5
R.4014A .10 .0075	75	≥70	≥0.9	144	7403	8834	9870	10393	T2/T3/T4
	75	≥70	≥0.9	144	6960	8306	9280	9772	T5

- Lamp Specification

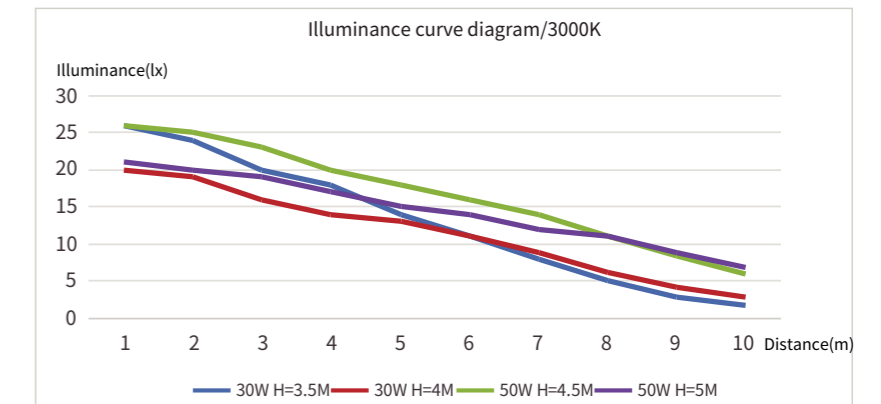
Lamp size	550*465*715 mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	Type2/Type3/Type4/Type5
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP66
Vibration level	3G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves



- Illuminance reference

Power	Height	Optics	Distance									
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
30w	3.5m	Type5	26	24	20	18	14	11	8	5	2.8	1.6
30w	4m	Type5	20	19	16	14	13	11	8.7	6.2	4.1	2.7
50w	4.5m	Type5	26	25	23	20	18	16	14	11	8.3	6
50w	5m	Type5	21	20	19	17	15	14	12	11	8.8	6.9



THEMIS

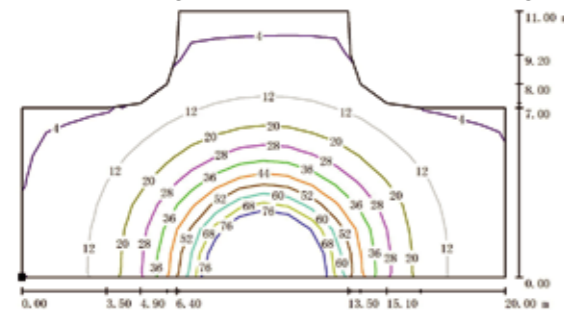
Light Module Features

- 1 High quality aluminum alloy die-casting lamp body, electrostatic spraying treatment, corrosion resistance, durable.
- 2 Smooth surface, avoid dust, fallen leaves, rain and snow accumulation, with good self-cleaning function.
- 3 The light surface is uniform, soft, and not dazzling.

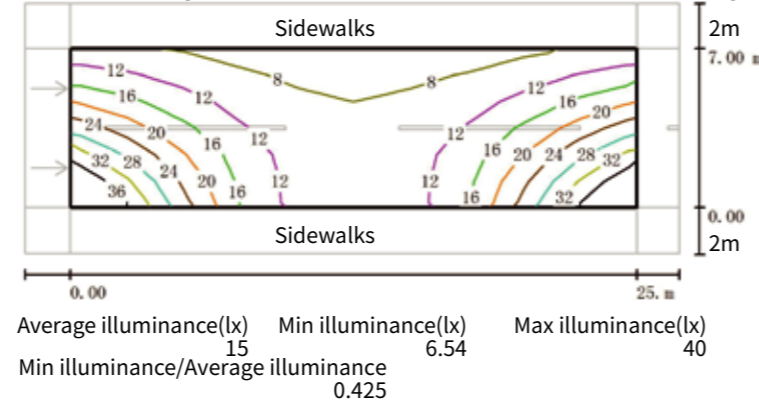


- Scene illumination simulation

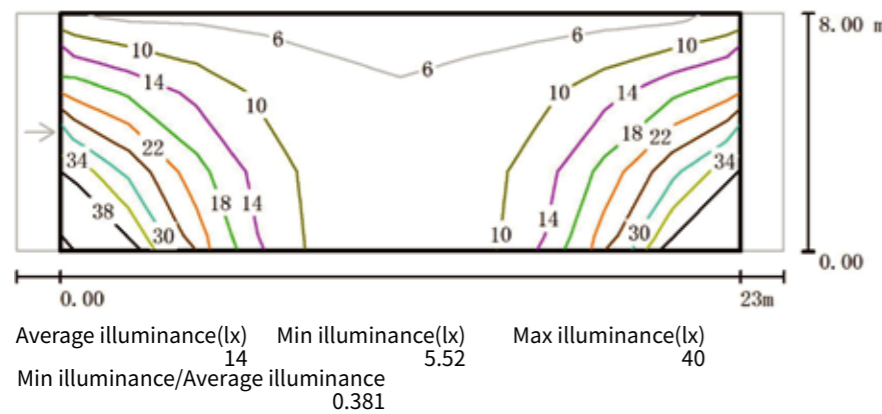
Power50W Height 3.5m CCT3000k Type4 Area lighting



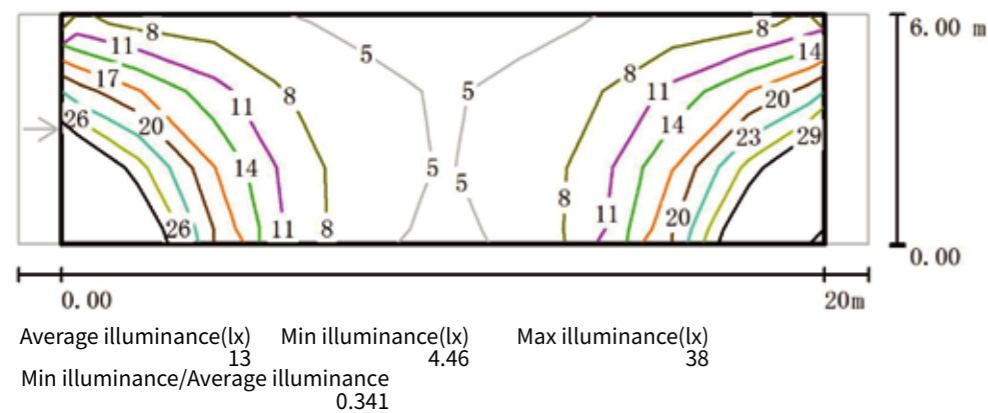
Power 75W Height 6m Distance 25m CCT 3000k Type3 One side lighting



Power 50W Height 4.5m Distance 23m CCT 3000k Type3 One side lighting



Power 30W Height 4.5m Distance 20m CCT 3000k Type3 One side lighting



A Variety Of Rod Combinations

3.5-5m



Tapered pole
Pole model-Pole.3605

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole+decoration
Pole model-Pole.3606

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Chutes pole
Pole model-Pole.3401

- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

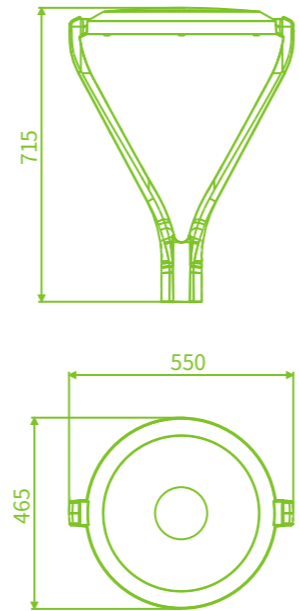
A Variety Of Rod Combinations

087

Smart Garden Light | THEMIS

6-8m

3.5-5m



- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

Chutes pole
Pole model-Pole.3401

- Pole specifications

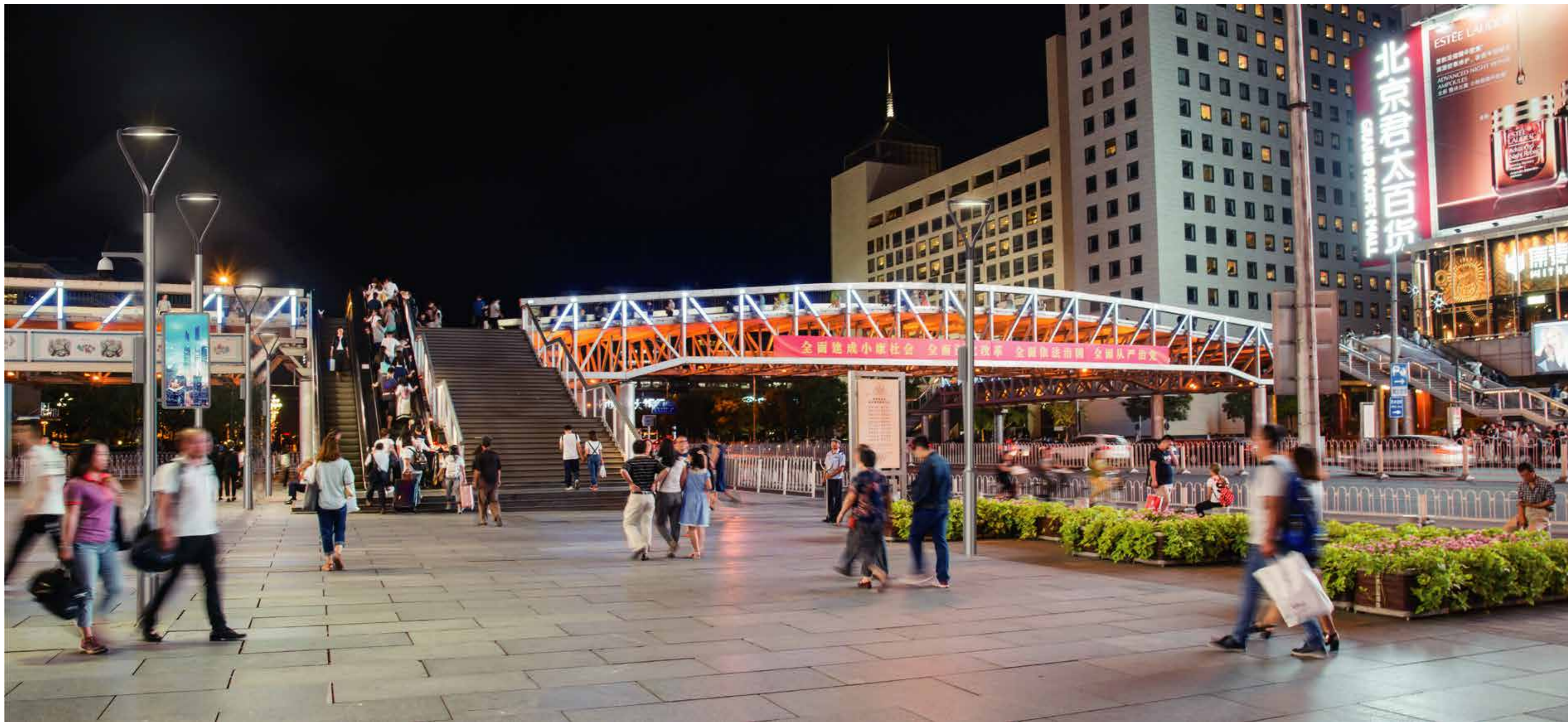
Material	Q235
Thickness(mm)	3
Height(m)	6/8
Top size(mm)	Ø114
Bottom size(mm)	Ø165
Flange size(mm)	300*300

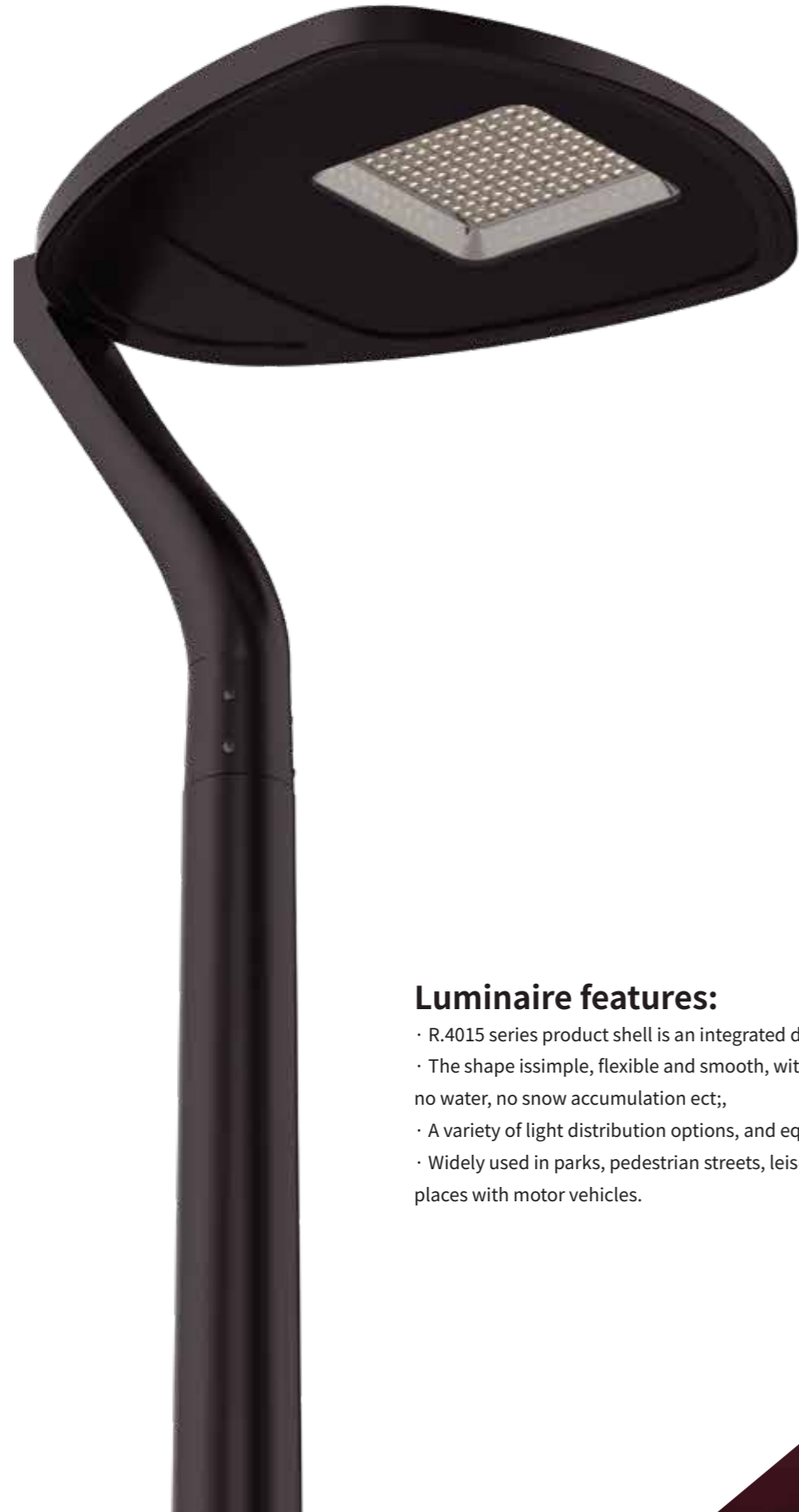
Chutes pole
Pole model-Pole.3402

088

Smart Garden Light | THEMIS







Luminaire features:

- R.4015 series product shell is an integrated die-cast aluminum molding structure,
- The shape is simple, flexible and smooth, with ideal self-cleaning function such as no water, no snow accumulation ect,;
- A variety of light distribution options, and equipped with NEMA standard interface,
- Widely used in parks, pedestrian streets, leisure and tourist attractions, as well as places with motor vehicles.

R.4015 CRONUS



Dimensions and specifications

- R.4015

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
R.4015A .10.0030	30	≥70	≥0.9	96	3015	3598	4020	4233	T2/T3/T4
	30	≥70	≥0.9	96	2835	3383	3780	3980	T5
R.4015A .10.0050	50	≥70	≥0.9	144	5025	5997	6700	7055	T2/T3/T4
	50	≥70	≥0.9	144	4725	5639	6300	6634	T5
R.4015A .10.0075	75	≥70	≥0.9	144	7403	8834	9870	10393	T2/T3/T4
	75	≥70	≥0.9	144	6960	8306	9280	9772	T5

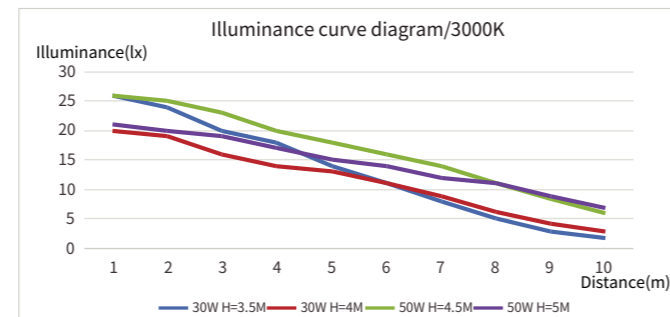
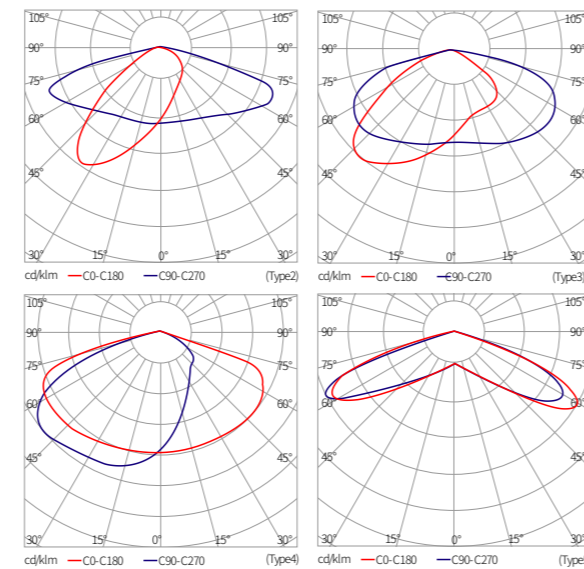
- Lamp Specification

Lamp size	635*500*480 mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	Type2/Type3/Type4/Type5
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP65
Vibration level	1.5G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -40°C~+40°C
Ambient humidity	10%~90%RH

- Illuminance reference

Power	Height	Optics	Distance									
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
30w	3.5m	Type5	26	24	20	18	14	11	8	5	2.8	1.6
30w	4m	Type5	20	19	16	14	13	11	8.7	6.2	4.1	2.7
50w	4.5m	Type5	26	25	23	20	18	16	14	11	8.3	6
50w	5m	Type5	21	20	19	17	15	14	12	11	8.8	6.9

- Light distribution curves



1 Smooth surface, avoid dust, fallen leaves, rain and snow accumulation, with good self-cleaning function.

2 Secondary reflection PE high reflectivity material, can not only improve the light efficiency, but also avoid glare.

3 Optical grade PC light transmittance, high light transmittance, strong weather resistance.

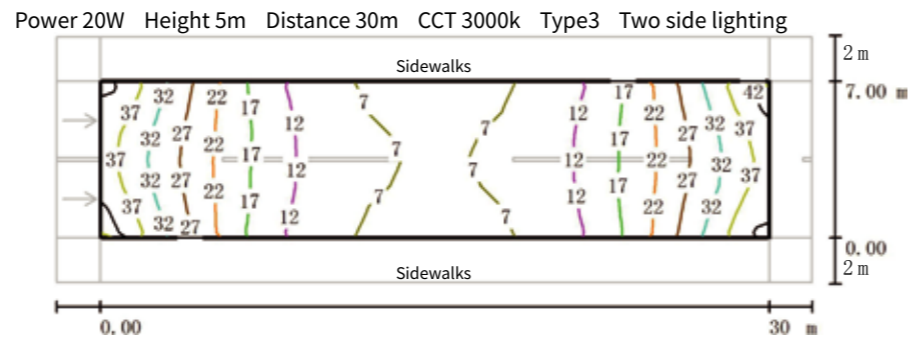
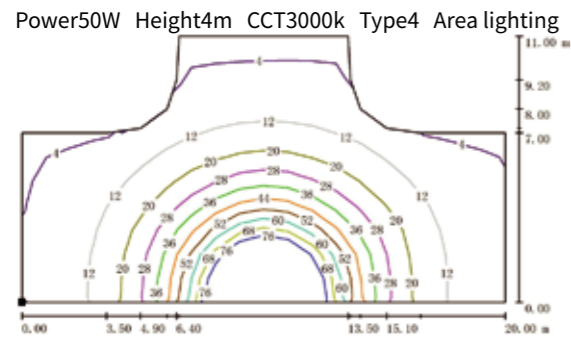
4 High quality aluminum alloy die-casting lamp body, electrostatic spraying treatment, corrosion resistance, durable.

Light Module Features

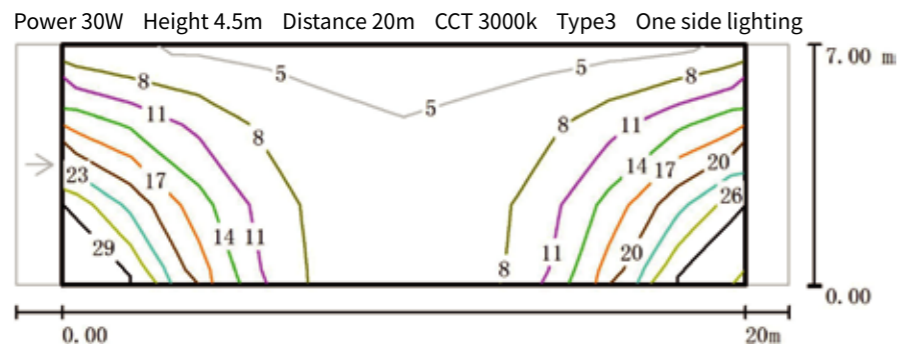


5 The light surface is uniform, soft, and not dazzling.

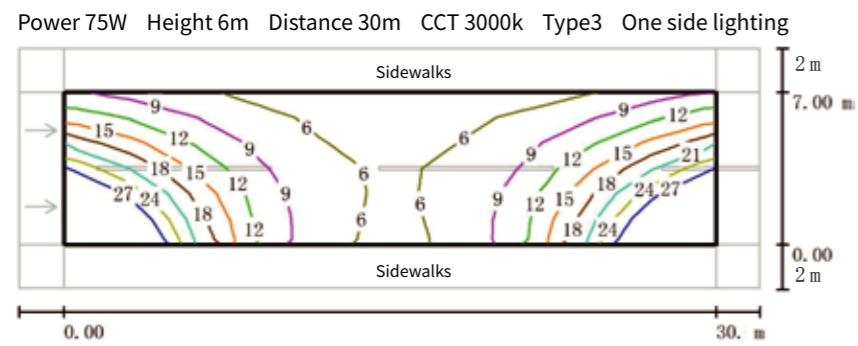
- Scene illumination simulation



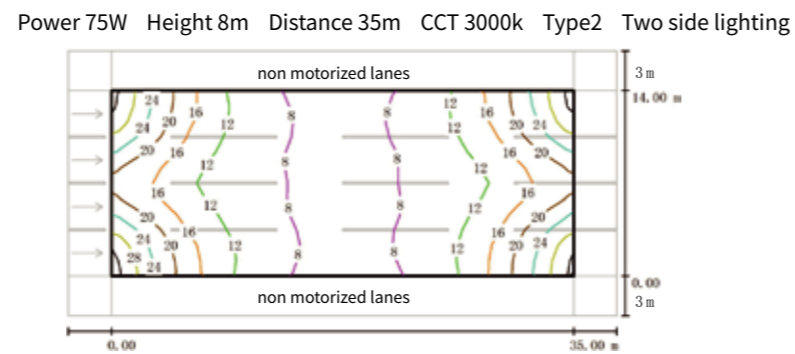
Average illuminance(lx) 18 Min illuminance(lx) 5.51 Max illuminance(lx) 39
 Min illuminance/Average illuminance 0.313



Average illuminance(lx) 11 Min illuminance(lx) 4.49 Max illuminance(lx) 30
 Min illuminance/Average illuminance 0.397



Average illuminance(lx) 13 Min illuminance(lx) 4.58 Max illuminance(lx) 40
 Min illuminance/Average illuminance 0.351



Average illuminance(lx) 13 Min illuminance(lx) 6.66 Max illuminance(lx) 29
 Min illuminance/Average illuminance 0.499

A Variety Of Rod Combinations

3.5-5m



Tapered pole
 Pole model-Pole.3605

Tapered pole+decoration
 Pole model-Pole.3606

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

A Variety Of Rod Combinations

6-8m

097

Smart Garden Light | CRONUS



Chutes pole
Pole model-Pole.3401

- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

Chutes pole
Pole model-Pole.3402

- Pole specifications

Material	Q235
Thickness(mm)	3
Height(m)	6/8
Top size(mm)	Ø114
Bottom size(mm)	Ø165
Flange size(mm)	300*300



098

Smart Garden Light | CRONUS



Luminaire features:

· R.4016 series product shell is an integrated die-cast aluminum molding structure.

· Square luminous lamp body, simple and generous surface, with ideal self-cleaning function such as no water, no snow accumulation ect.

· a variety of light distribution options, and equipped with NEMA standard interface.

· widely used in parks, pedestrian streets, leisure and tourist attractions, as well as places with motor vehicles.

R.4016 AETHER



Dimensions and specifications

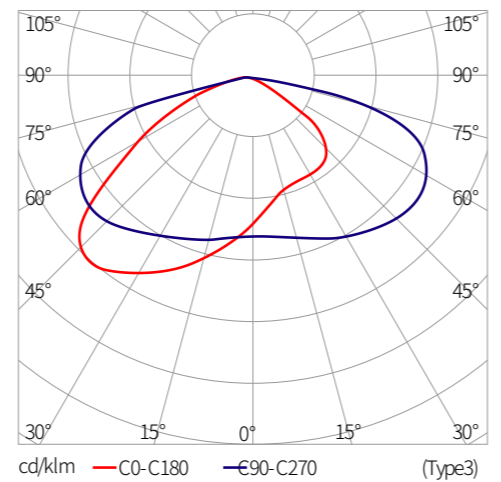
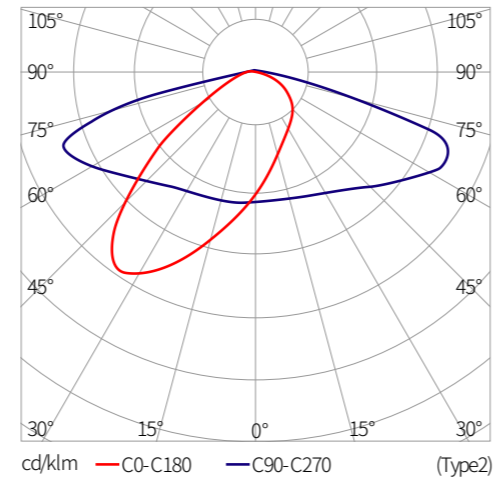
- R.4016

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
R.4016A.10.0030	30	≥70	≥0.9	96	3015	3598	4020	4233	T2/T3
R.4016A.10.0050	50	≥70	≥0.9	144	5025	5997	6700	7055	T2/T3
R.4016A.10.0075	75	≥70	≥0.9	144	7403	8834	9870	10393	T2/T3

- Lamp Specification

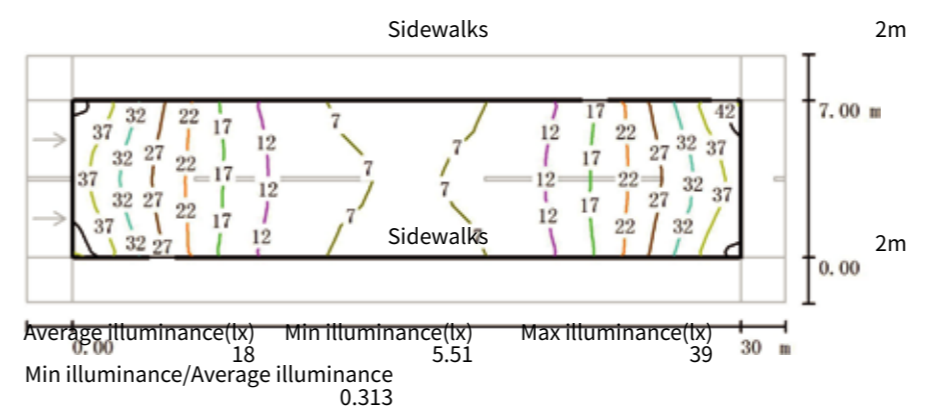
Lamp size	260*240*30 mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	Type2/Type3
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP66
Vibration level	3G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -40°C~+40°C
Ambient humidity	10%-90%RH

- Light distribution curves

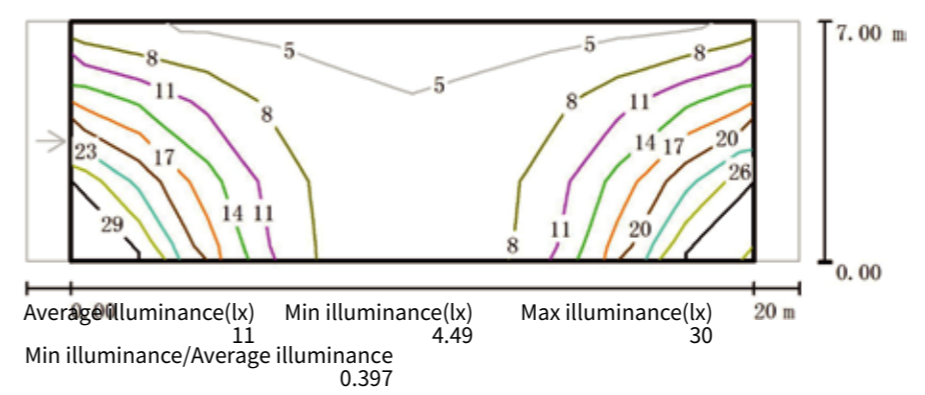


- Scene illumination simulation

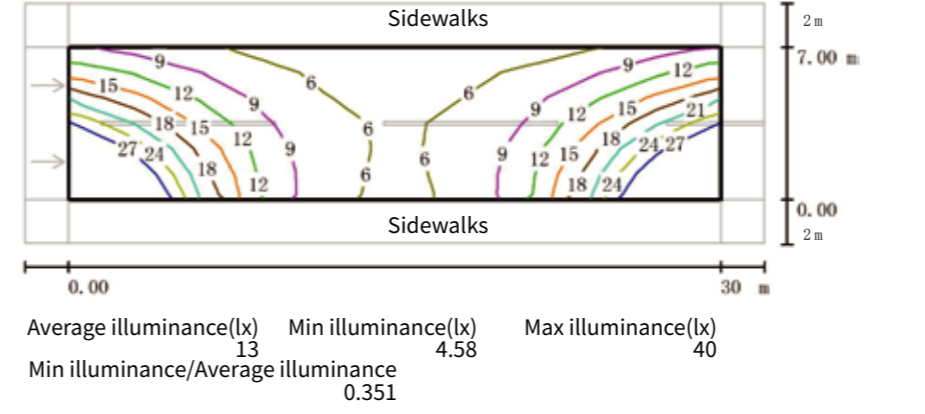
Power50W Height 5m CCT3000k Type3 Two side lighting



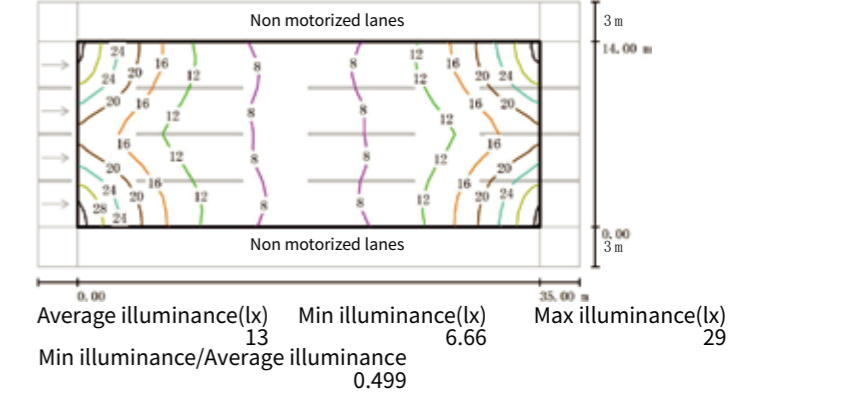
Power 30W Height 4.5m Distance 20m CCT 3000k Type3 One side lighting



Power 75W Height 6m Distance 30m CCT 3000k Type3 One side lighting



Power 75W Height 8m Distance 35m CCT 3000k Type2 Two side lighting



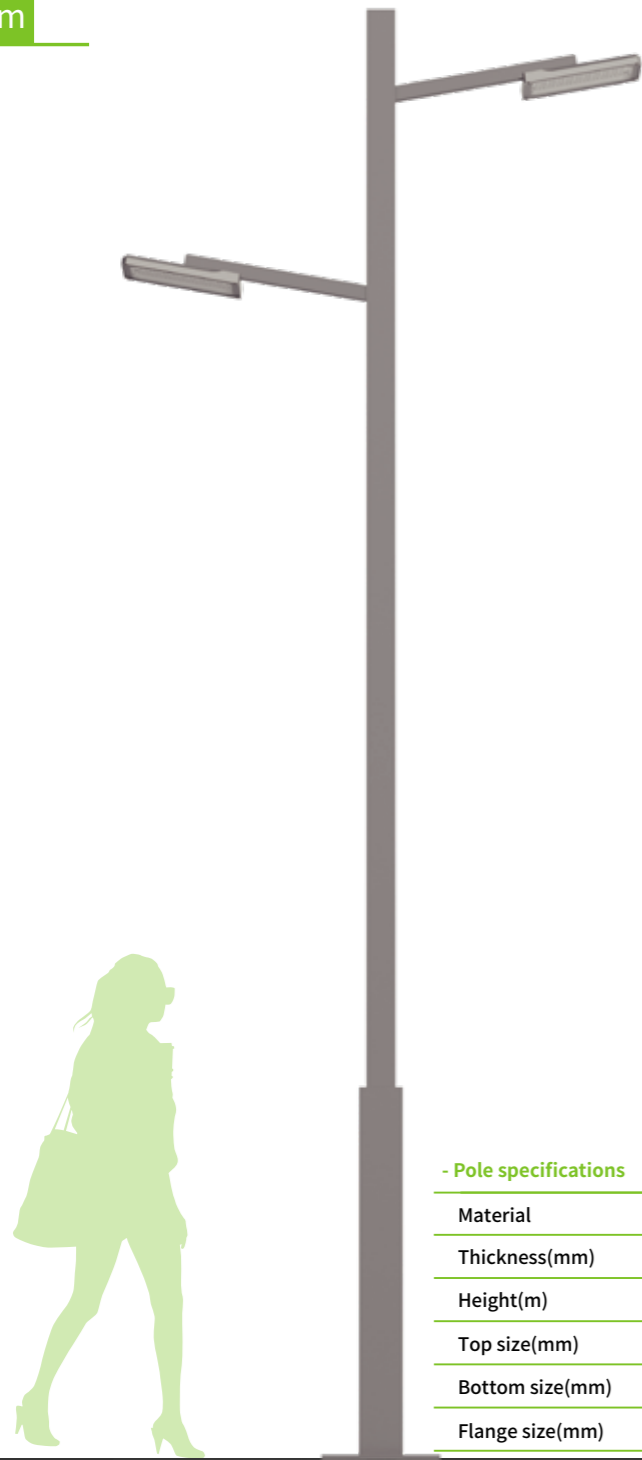
A Variety Of Rod Combinations

AETHER

4.5-8m

103

Smart Garden Light | AETHER



- Pole specifications

Material	Q235	
Thickness(mm)	2.5	3
Height(m)	4.5/6	8
Top size(mm)	100*100	120*120
Bottom size(mm)	200*200	250*250
Flange size(mm)	380*380	

Rectangular rods
Pole model-Pole.3501



- Pole specifications

Material	Q235
Thickness(mm)	3
Height(m)	4.5/6/8
Size(mm)	150*120
Flange size(mm)	240*240

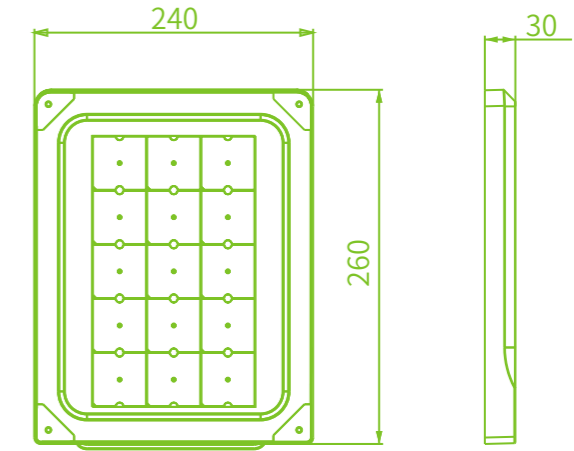
Rectangular rods
Pole model-Pole.3511



- Pole specifications

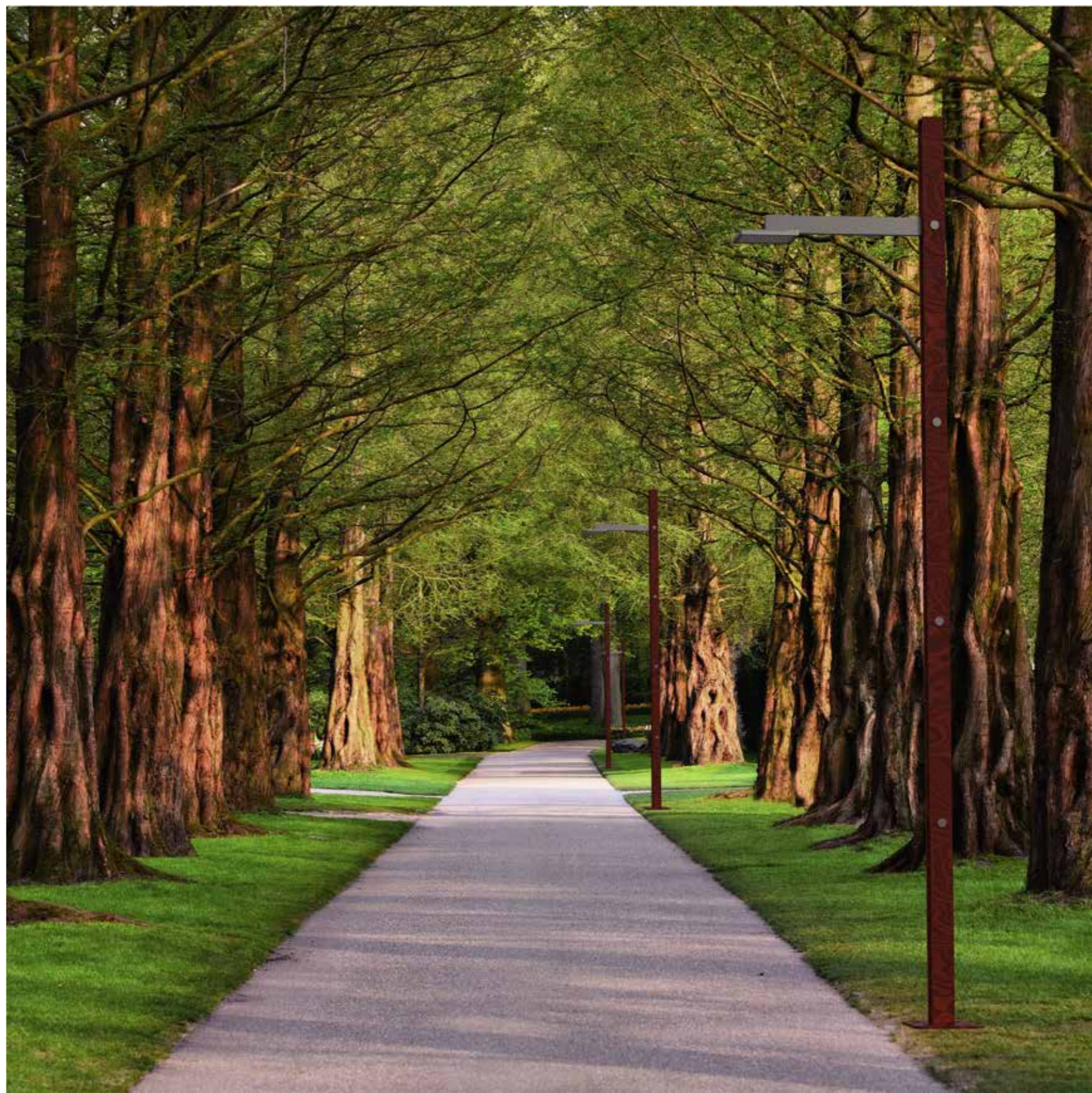
Material	Q235
Thickness(mm)	3
Height(m)	4.5/6/8
Size(mm)	225*150(H6m)
Flange size(mm)	320*320

Rectangular rods
Pole model-Pole.3512



104

Smart Garden Light | AETHER





Luminaire features:

· CHIRON R.3214 series is originally designed by Danish lighting design master with freehand drawing ,which breaks through the traditional design concept , with bold and innovative idea ,no screw on surface.

- By combination of different application places and different installation modes to provide different shape and effect.
- The innovative and high flexible lighting system could cover all P type and V type roads ,which is widely used in landscaping ,commercial street, residential areas,villas,public squares and other places.

R.3214 HERA



Dimensions and specifications

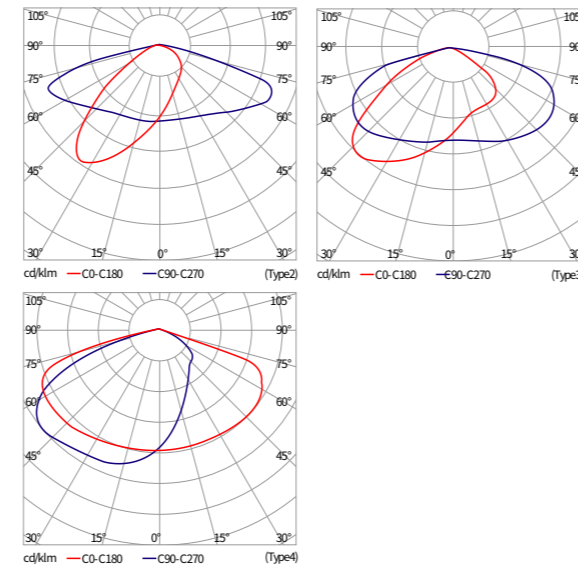
- R.3214

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
R.3214C.10.0030	30	≥70	≥0.9	64	2813	3356	3750	3949	T2/T3/T4
R.3214C.10.0050	50	≥70	≥0.9	96	4560	5430	6100	6400	T2/T3/T4
R.3214C.10.0075	75	≥70	≥0.9	128	6940	8280	9300	9525	T2/T3/T4

- Lamp Specification

Lamp size	φ440*H234 mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	Type2/Type3/Type4
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP66
Vibration level	3G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves



- Multiple installation forms



1 High strength die cast aluminum integrated molding
Sturdy and reliable structure, durable and long-lasting, Waterproof IP65, Protection level IK10

2 Convenient maintenance
Power off protector power off once open, safe and reliable

3 Optical surface
Sun pattern emitting surface, High light transmittance ultra-white tauged glass light transmittance up to 92%.

4 Smart Lighting
Optional single light controller

5 Convenient maintenance
Open the front cover under the cover mode, no tools to open, easy disassembly, reduce maintenance costs

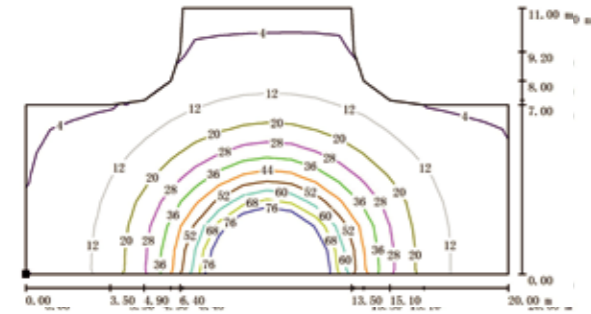
Light Module Features

HERA

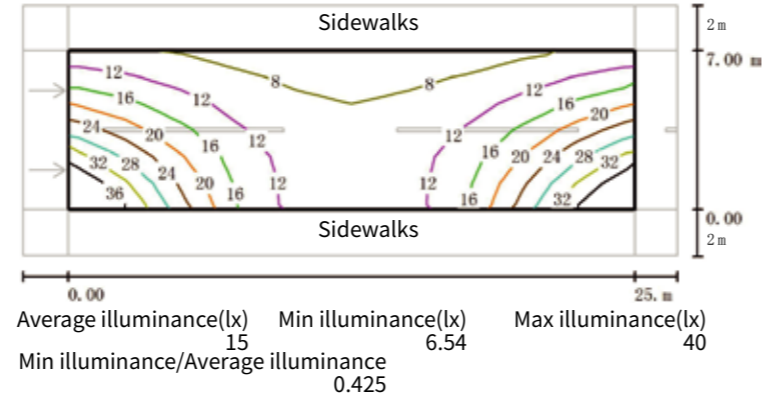
A Variety Of Rod Combinations

- Scene illumination simulation

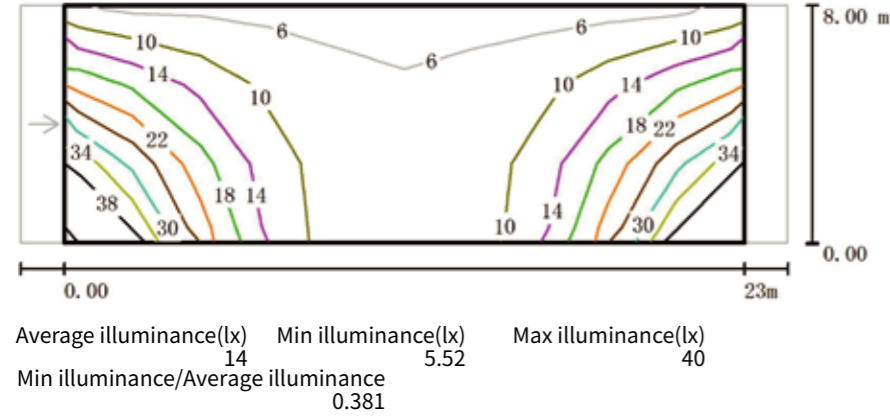
Power50W Height 3.5m CCT3000k Type4 Area lighting



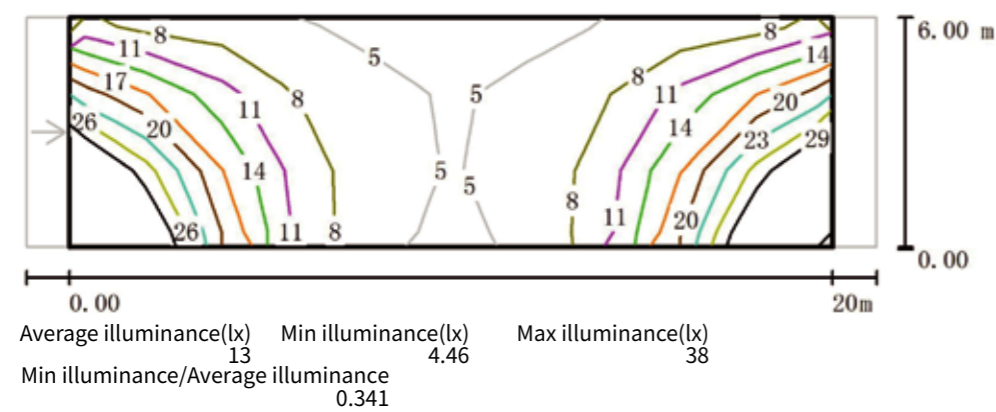
Power 75W Height 6m Distance 25m CCT 3000k Type3 One side lighting



Power 50W Height 4.5m Distance 23m CCT 3000k Type3 One side lighting



Power 30W Height 4.5m Distance 20m CCT 3000k Type3 One side lighting



4-6m



Tapered pole
Pole model-Pole.3605

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	4/5/6
Top size(mm)	Ø70
Bottom size(mm)	Ø127
Flange size(mm)	240*240



Tapered pole+decoration
Pole model-Pole.3606

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	4/5/6
Top size(mm)	Ø70
Bottom size(mm)	Ø127
Flange size(mm)	240*240

A Variety Of Rod Combinations

HERA

4-6m

4-6m

113

Smart Garden Light | HERA



- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	4/5/6
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

Chutes pole
Pole model-Pole.3401



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	4/5/6
Top size(mm)	Ø60
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Chutes pole
Pole model-Pole.3621



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	4/5/6
Top size(mm)	Ø60
Bottom size(mm)	Ø127
Flange size(mm)	240*240

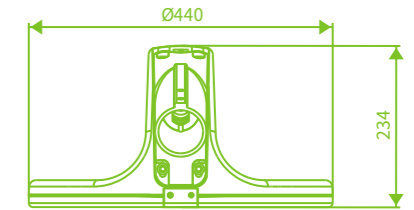
Chutes pole
Pole model-Pole.3622



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	4/5/6
Top size(mm)	Ø60
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Chutes pole
Pole model-Pole.3623



114

Smart Garden Light | HERA



**Luminaire features:**

· R. 4401 is made of aluminum alloy, with a surface hot-dip galvanized and sprayed.

· LED module use international famous brand. Light distribution is composed of optical components of a dual reflector, which is more scientific and with good anti glare performance.



R.4401

TALOS



Dimensions and specifications

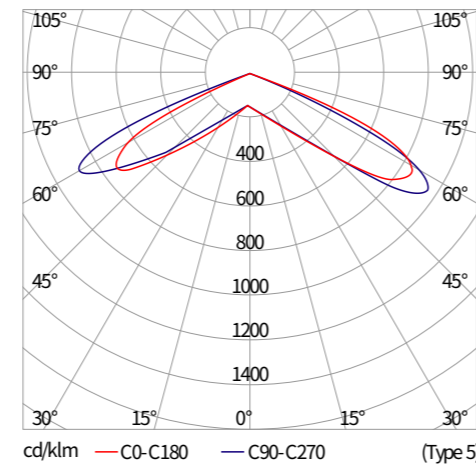
- R.4401

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
R.4401A.30.0030	30	≥70	≥0.9	32	2835	3383	3780	3980	T5
R.4401B.30.0020	20	≥70	≥0.9	32	1891	2256	2520	2560	T5

- Specification

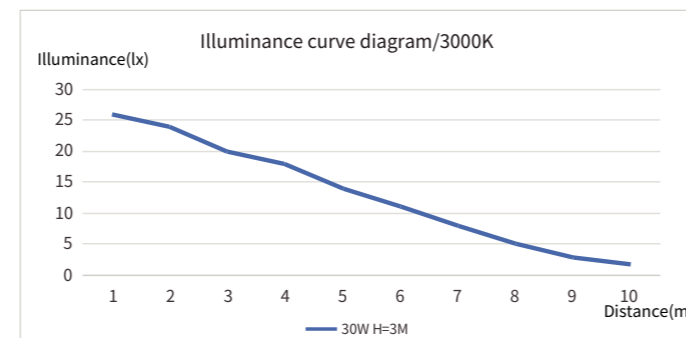
Lamp size	200*100 mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	Type5
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class1
IP	IP65
Vibration level	1.5G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves



- Illuminance reference

Power	Height	Optics	Distance									
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
30w	3m	Type5	26	24	20	18	14	11	8	5	2.8	1.6



Rod Type Parameters

3m



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	2.5
Height(m)	3
Size(mm)	200*100
Flange size(mm)	330*330

- Solar parameters

Lithium battery system	Capacitance	240Wh
	Voltage	12V

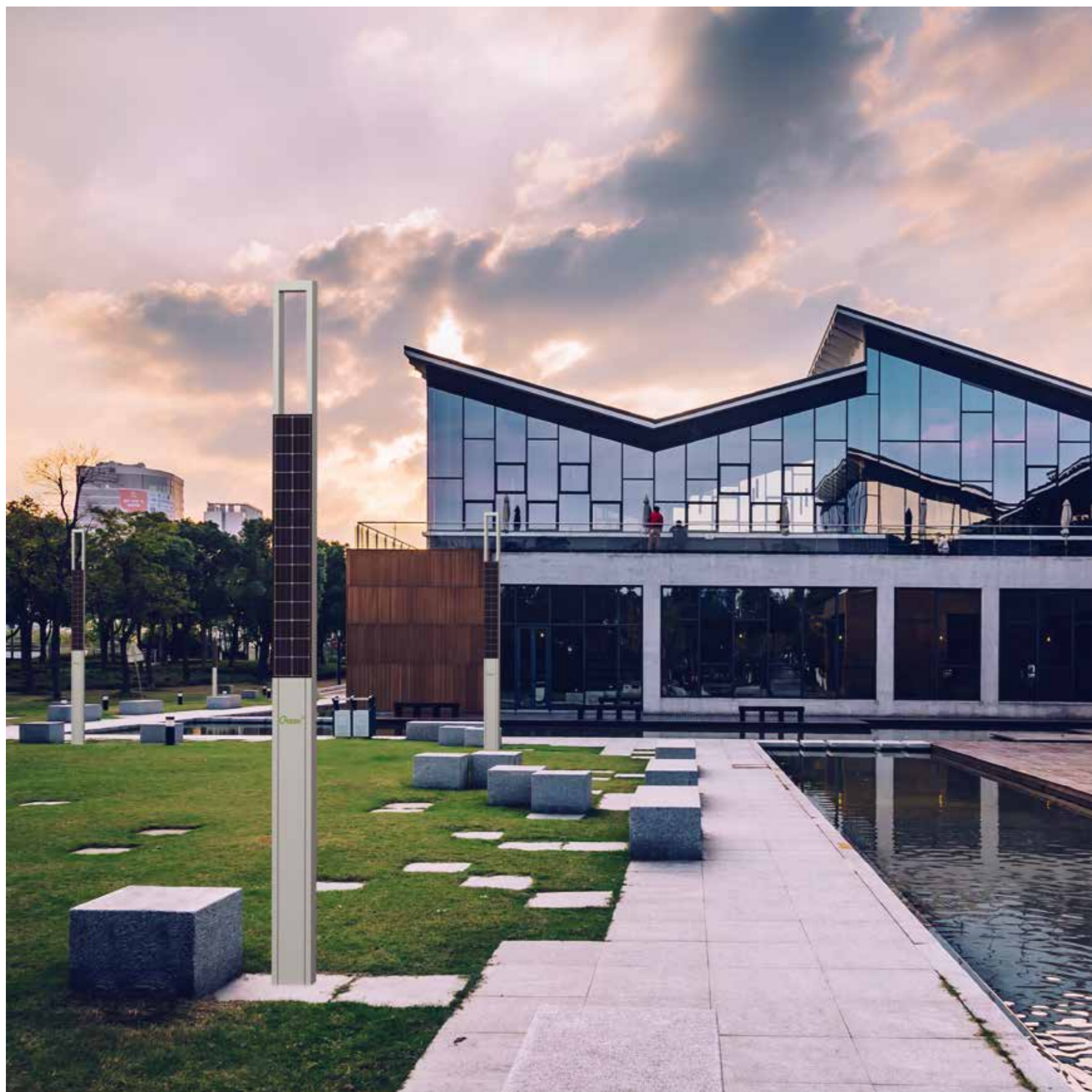
Photovoltaic modules	Power	90W
	Voltage	18-20V
Operating temperature	-10°C~+60°C	
Ingress protection	IP65	
Lighting time	All night 3-5days	
Induction model	light/time-controlled	

- Pole specifications

Material	Aluminum alloy
Thickness(mm)	2.5
Height(m)	3
Size(mm)	200*100
Flange size(mm)	330*330

Lamp model-R.4401A

Lamp model-R.4401B





Luminaire features:

- The product is a decorative landscape lighting fixture with a very personalized design, which brings a relaxed living atmosphere to the city.
- Can be used in urban scenic spots, leisure trails, parks, tourist attractions and other occasions.

R.4018 EOS



Dimensions and specifications

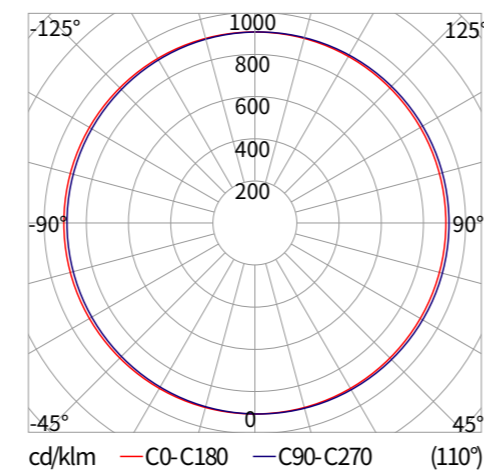
- R.4018

Lamp model	Power(w)	CCT(K)	Power Factor	LED QTY	Surface brightness(nit)-R	Optics
R.4018A.30.0045	45	5000	≥0.9	144	300	360°

- Specification

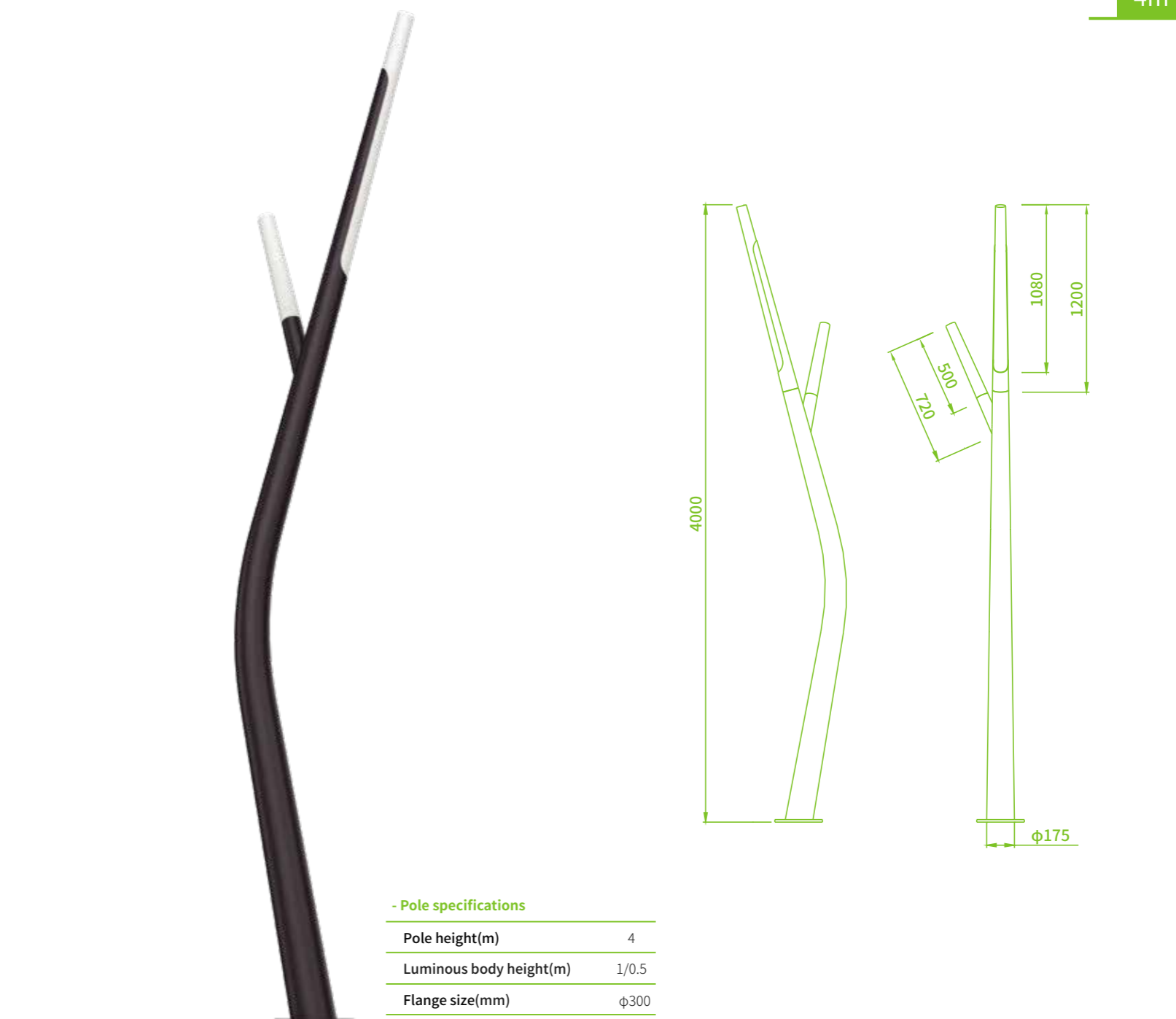
Lamp size	φ175*φ100 mm
Body material	Aluminium alloy
Body material	φ100*φ64 mm
Luminous body material	Milk white PC
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light
Optics	360°
LED model	2835 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP65
Vibration level	1.5G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves



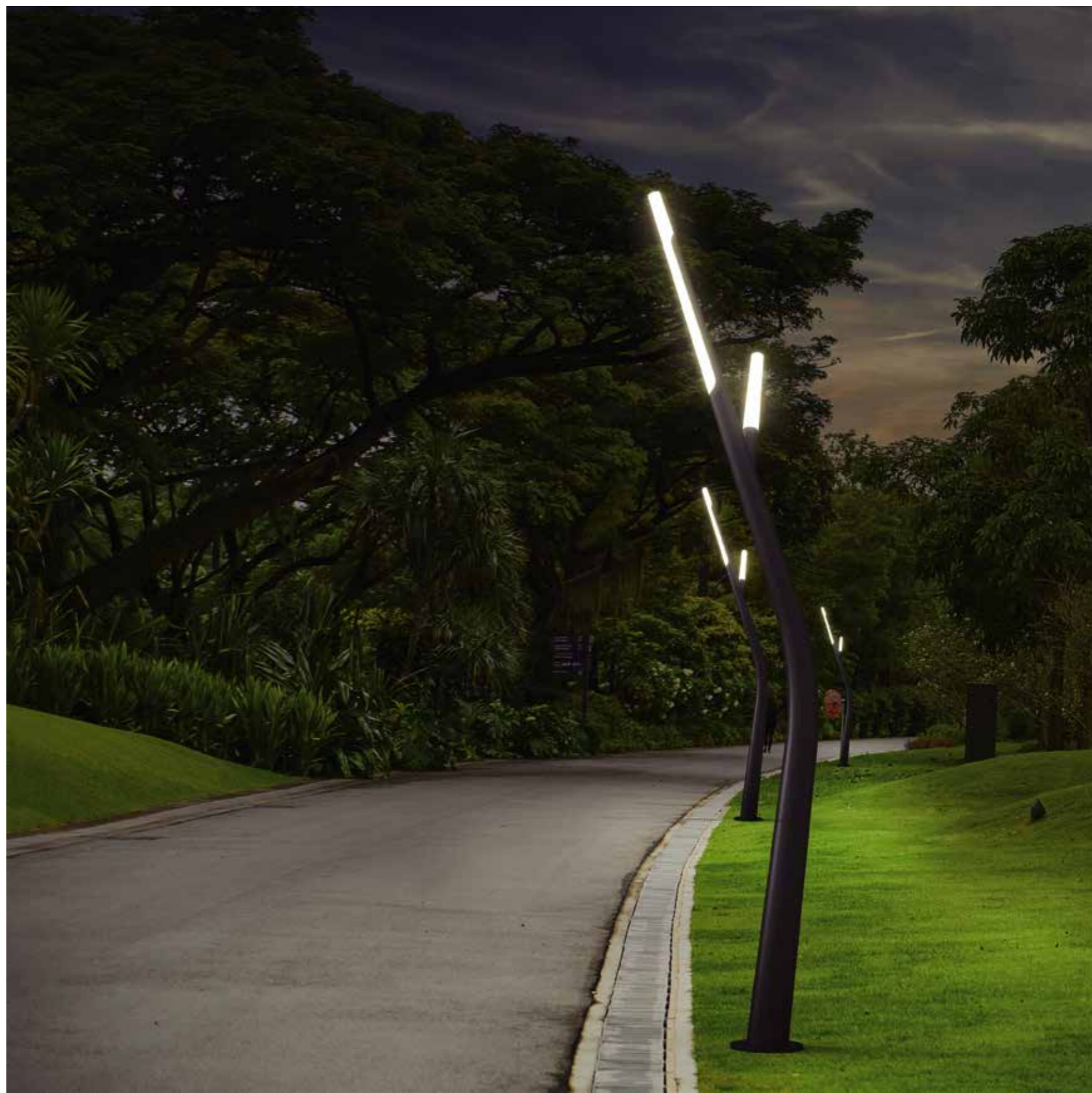
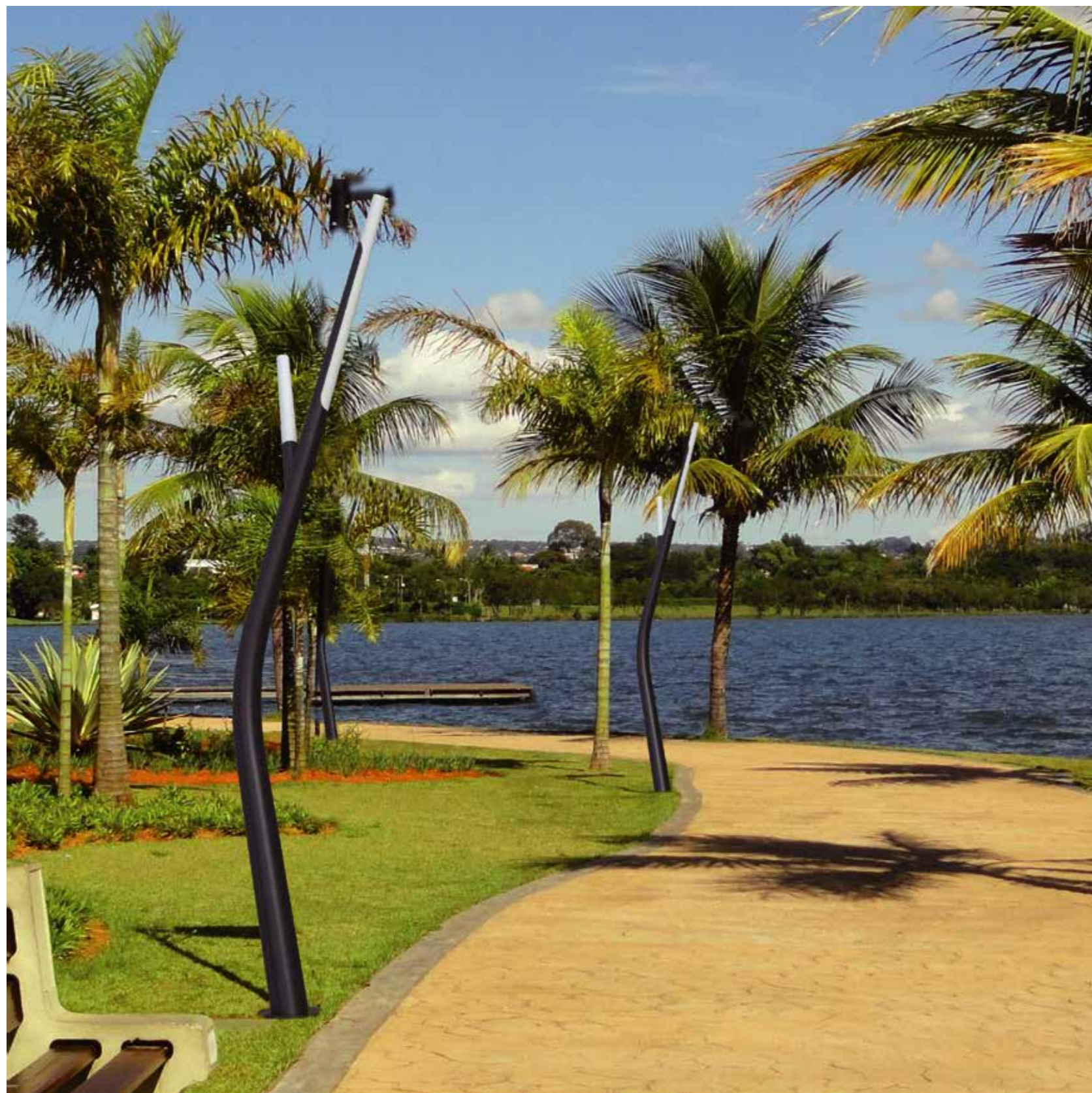
Rod Type Parameters

4m



- Pole specifications

Pole height(m)	4
Luminous body height(m)	1/0.5
Flange size(mm)	φ300





R.4020 POSEIDON

Luminaire features:

· R.4020 series is a kind of lighting quality and installation method for the city to provide more convenient and more extensive applications, not only used in urban streets, scenic walking paths, bicycle paths, but also used in the city center and square, parking lot.

- Die-cast aluminum alloy lamp body, tempered glass or optically grade PC light protection surface.
- Provide intelligent control accessories according to user requirements.
- Adjustable mounting connector.



Dimensions and specifications

- R.4020

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
R.4020A.10.0030	30	≥70	≥0.9	96	3015	3598	4020	4233	T2/T3/T4
	30	≥70	≥0.9	96	2835	3383	3780	3980	T5
R.4020A.10.0050	50	≥70	≥0.9	144	5025	5997	6700	7055	T2/T3/T4
	50	≥70	≥0.9	144	4725	5639	6300	6634	T5
R.4020A.10.0075	75	≥70	≥0.9	144	7403	8834	9870	10393	T2/T3/T4
	75	≥70	≥0.9	144	6960	8306	9280	9772	T5
R.4020B.10.0030	30	≥70	≥0.9	352	2250	2550	2850	3000	110°
R.4020B.10.0050	50	≥70	≥0.9	440	3500	4000	4500	4750	110°

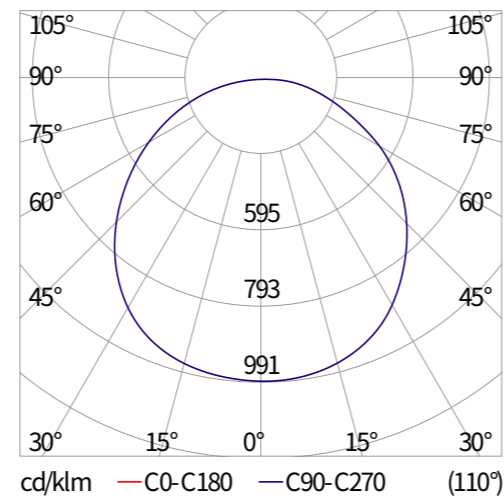
POSEIDON

- Lamp Specification

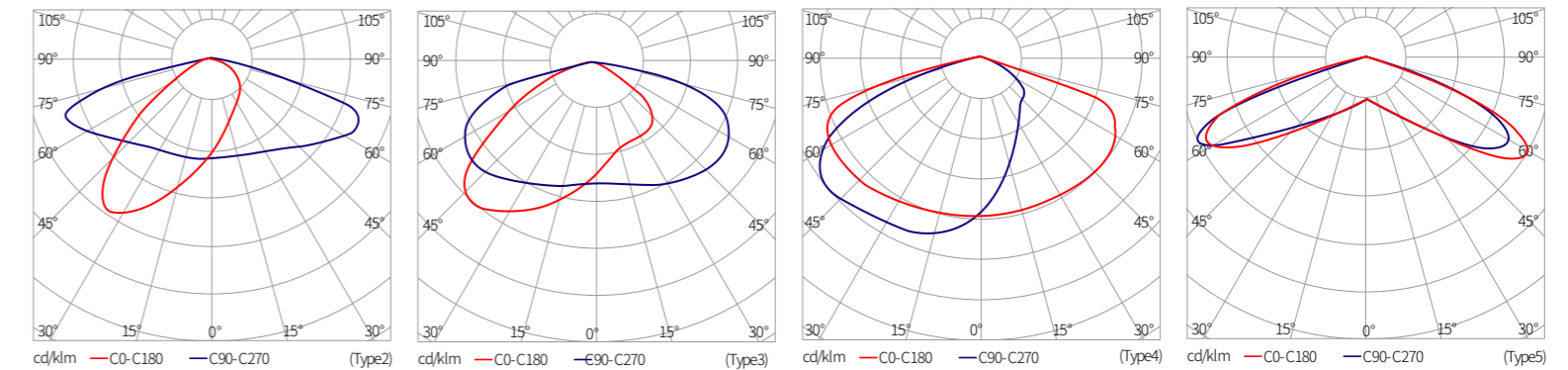
Lamp size	φ480*H70 mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	T2/T3/T4/T5/110°
LED model	3030/2835 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class1
IP	IP66
Vibration level	3G
Anti-collision level	IK10
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- R.4020A

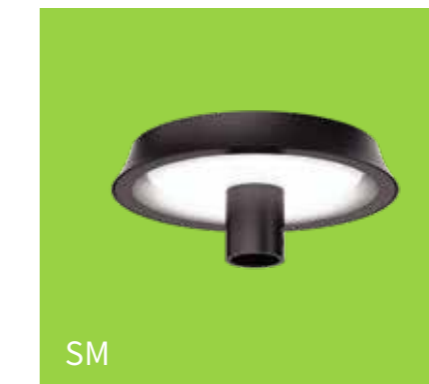
Light distribution curves



- R.4020B Light distribution curves



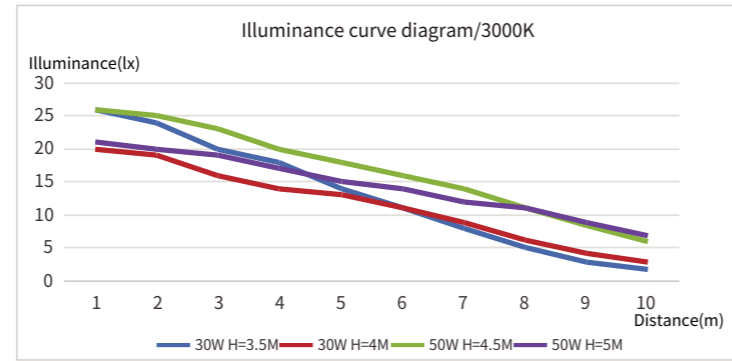
- A variety of lamphead selection



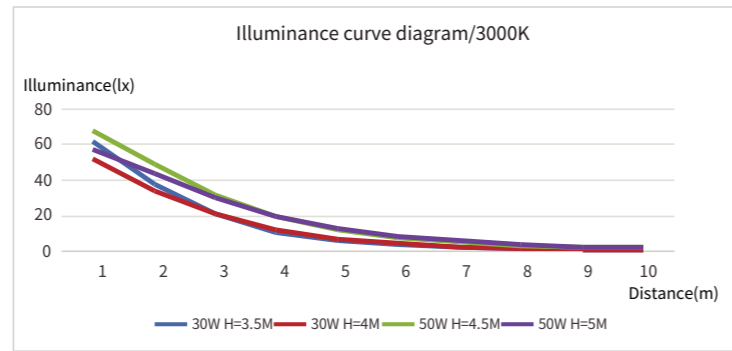
Anti-glare PC cover is optional: GS

- Illuminance reference

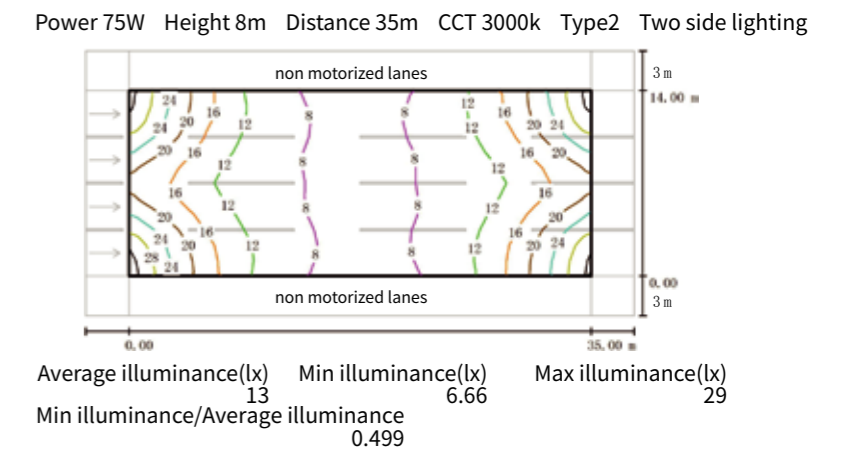
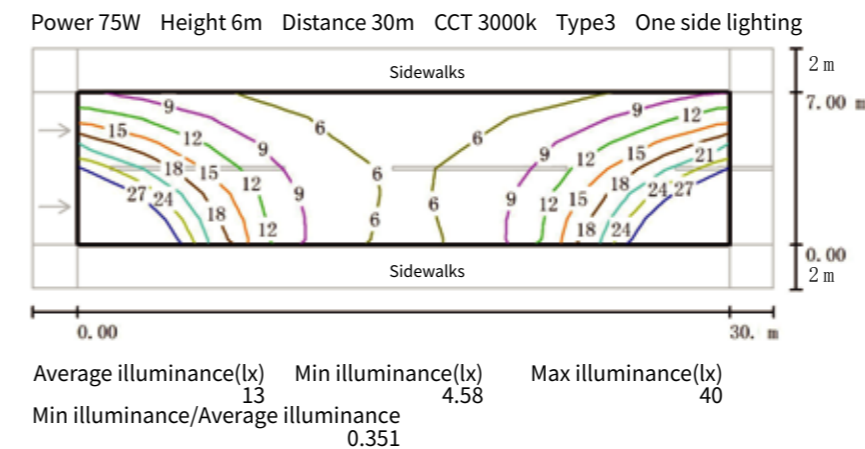
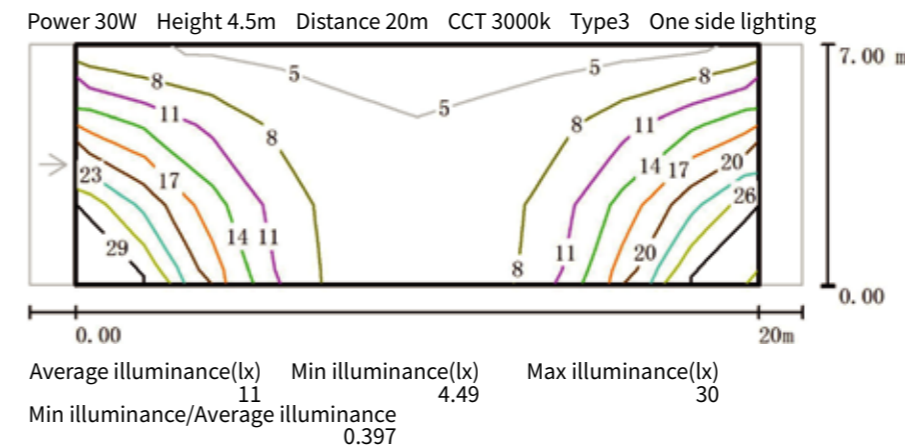
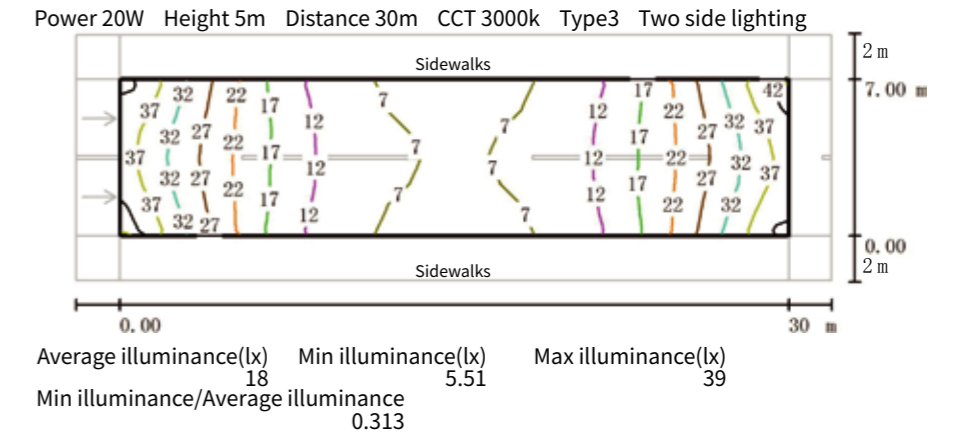
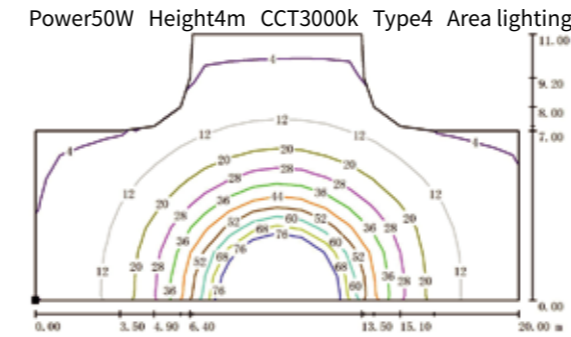
Power	Height	Optics	Distance																	
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m								
30w	3.5m	Type5	26	24	20	18	14	11	8	5	2.8	1.6								
30w	4m	Type5	20	19	16	14	13	11	8.7	6.2	4.1	2.7								
50w	4.5m	Type5	26	25	23	20	18	16	14	11	8.3	6								
50w	5m	Type5	21	20	19	17	15	14	12	11	8.8	6.9								



Power	Height	Optics	Distance																	
			1m	2m	3m	4m	5m	6m	7m	8m	9m	10m								
35w	3.5m	110°	59	37	20	11	6.2	3.6	2.3	1.4	1	0.7								
35w	4m	110°	47	32	19	11	6.6	3.9	2.5	1.6	1.1	0.8								
35w	4.5m	110°	39	29	19	12	7.2	4.5	3	1.9	1.3	1								
35w	5m	110°	33	26	18	12	7.7	5	3.4	2.3	1.6	1.4								



- Scene illumination simulation



A Variety Of Rod Combinations

POSEIDON

3.5-5m

3.5-5m

135

Smart Garden Light | POSEIDON



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole
Pole model-Pole.3605



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole+decoration
Pole model-Pole.3606



- Pole specifications

Material	Q235
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø133
Flange size(mm)	300*300

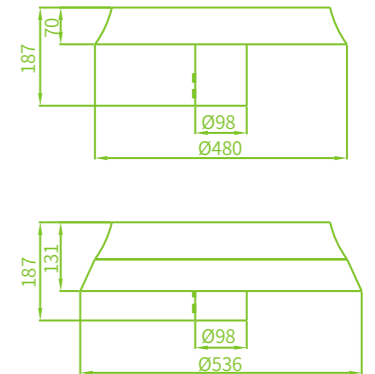
Double-section pole
Pole model-Pole.3616



- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

Chutes pole
Pole model-Pole.3401



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A Variety Of Rod Combinations

POSEIDON

6-8m

3.5-5m

137
Smart Garden Light | POSEIDON



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole
Pole model-Pole.3605



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø85
Bottom size(mm)	Ø127
Flange size(mm)	240*240

Tapered pole+decoration
Pole model-Pole.3606



- Pole specifications

Material	Q235
Thickness(mm)	3
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø133
Flange size(mm)	300*300

Double-section pole
Pole model-Pole.3616



- Pole specifications

Material	Q235
Thickness(mm)	2.5
Height(m)	3.5/4/4.5/5
Top size(mm)	Ø89
Bottom size(mm)	Ø140
Flange size(mm)	300*300

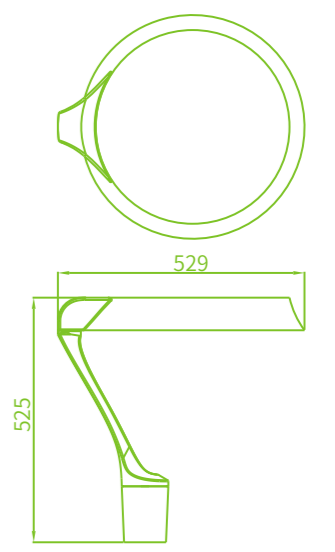
Chutes pole
Pole model-Pole.3401



- Pole specifications

Material	Q235
Thickness(mm)	3
Height(m)	6/8
Top size(mm)	Ø114
Bottom size(mm)	Ø165
Flange size(mm)	300*300

Chutes pole
Pole model-Pole.3402



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Smart Garden Light | POSEIDON

A Variety Of Rod Combinations

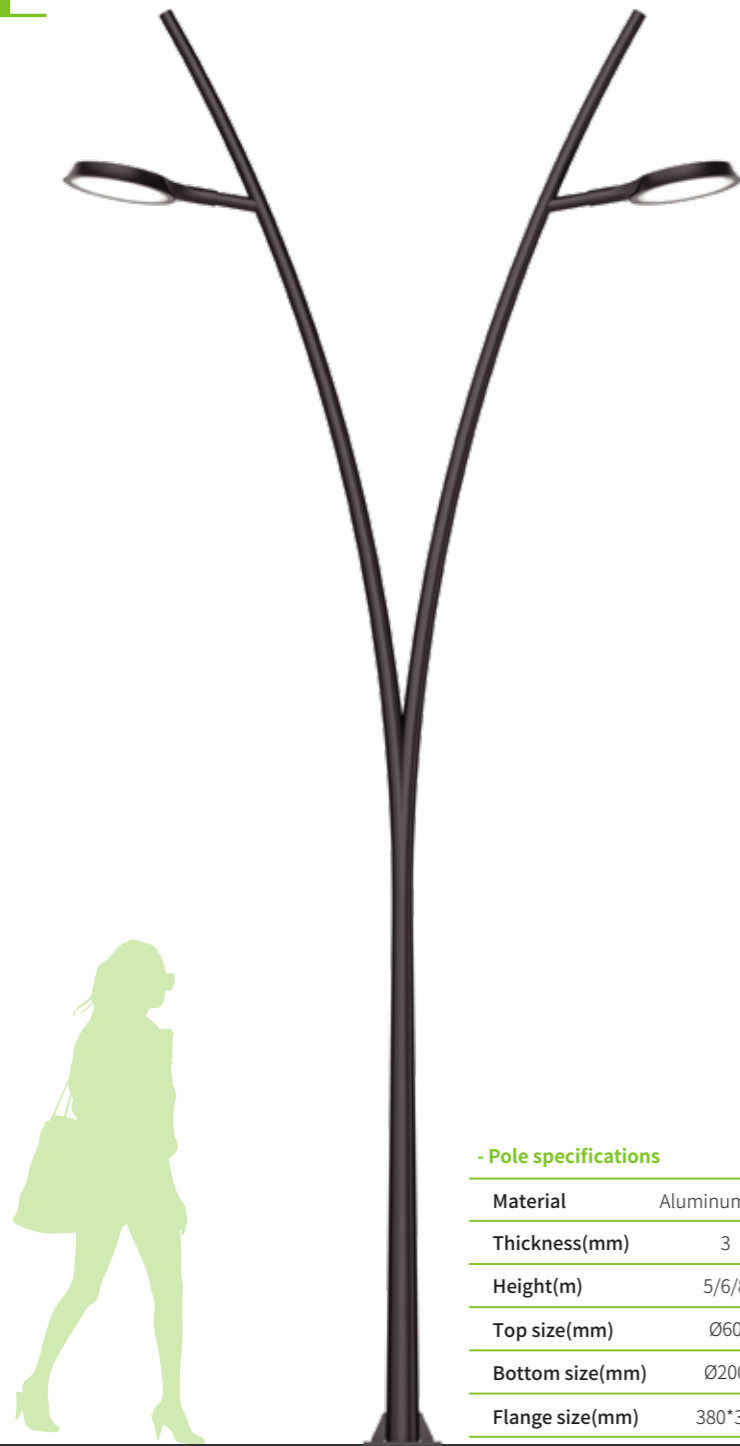
POSEIDON

5-8m

5-8m

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- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	5/6/8
Top size(mm)	Ø60
Bottom size(mm)	Ø200
Flange size(mm)	380*380

Special-shaped rods
Pole model-Pole.3619



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	5/6/8
Top size(mm)	Ø60
Bottom size(mm)	Ø150
Flange size(mm)	300*300

Special-shaped rods
Pole model-Pole.3618



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	5/6/8
Top size(mm)	Ø60
Bottom size(mm)	Ø200
Flange size(mm)	380*380

Special-shaped rods
Pole model-Pole.3620



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	5/6/8
Top size(mm)	Ø60
Bottom size(mm)	Ø150
Flange size(mm)	300*300

Special-shaped rods
Pole model-Pole.3621

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Smart Garden Light | POSEIDON

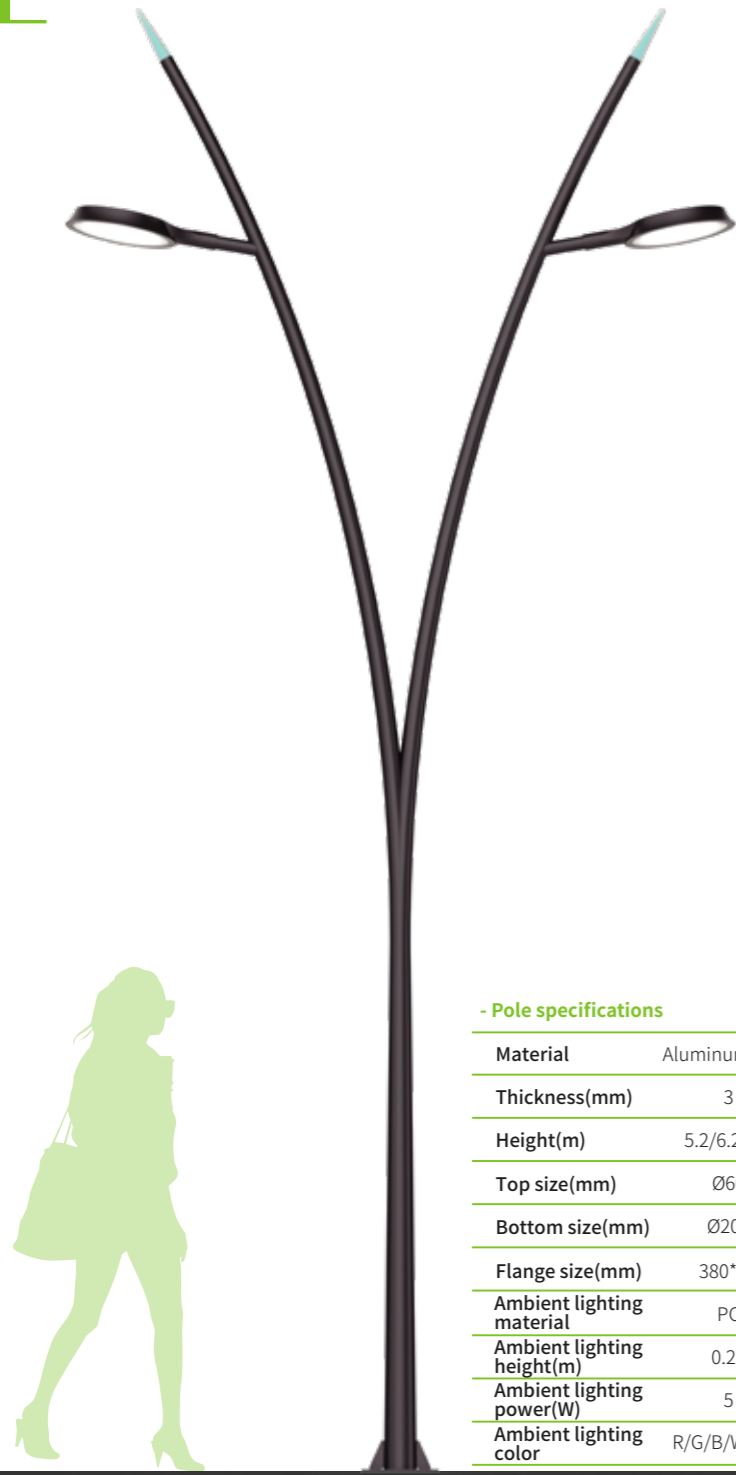
A Variety Of Rod Combinations

POSEIDON

5-8m

141

Smart Garden Light | POSEIDON



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	5.2/6.2/8.2
Top size(mm)	Ø60
Bottom size(mm)	Ø200
Flange size(mm)	380*380
Ambient lighting material	PC
Ambient lighting height(m)	0.25
Ambient lighting power(W)	5
Ambient lighting color	R/G/B/W(5000K)

Special-shaped rods
Pole model-Pole.3619b



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	5.2/6.2/8.2
Top size(mm)	Ø60
Bottom size(mm)	Ø150
Flange size(mm)	300*300
Ambient lighting material	PC
Ambient lighting height(m)	0.25
Ambient lighting power(W)	5
Ambient lighting color	R/G/B/W(5000K)

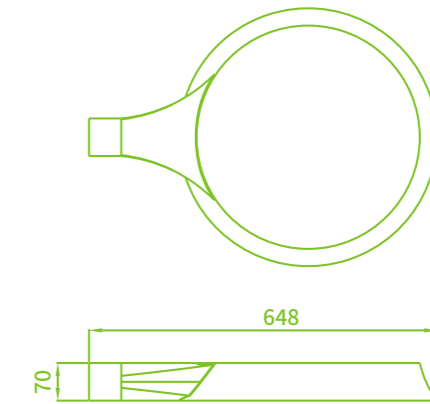
Special-shaped rods
Pole model-Pole.3618b



- Pole specifications

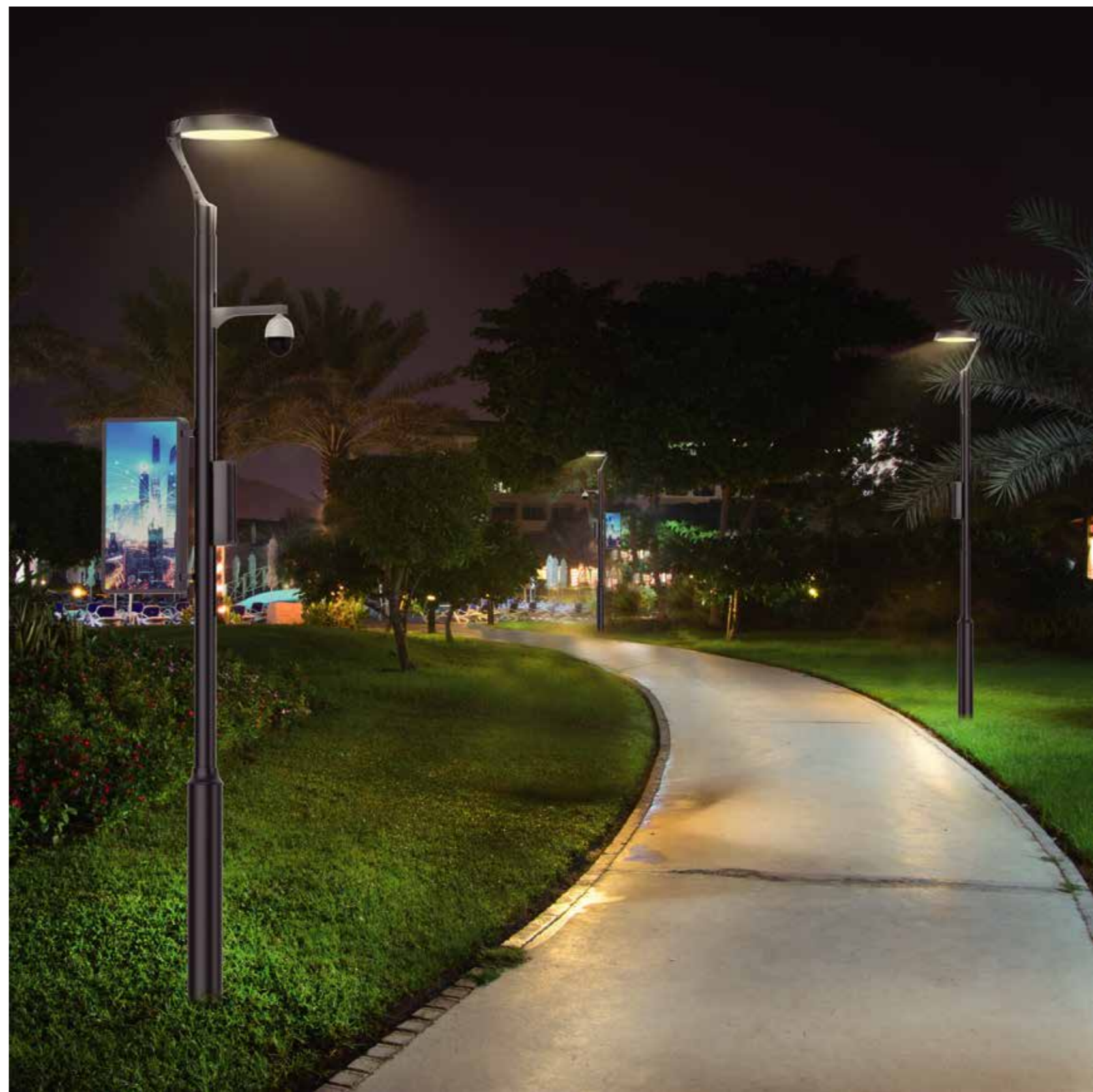
Material	Aluminum alloy
Thickness(mm)	3
Height(m)	5.2/6.2/8.2
Top size(mm)	Ø60
Bottom size(mm)	Ø200
Flange size(mm)	380*380
Ambient lighting material	PC
Ambient lighting height(m)	0.25
Ambient lighting power(W)	5
Ambient lighting color	R/G/B/W(5000K)

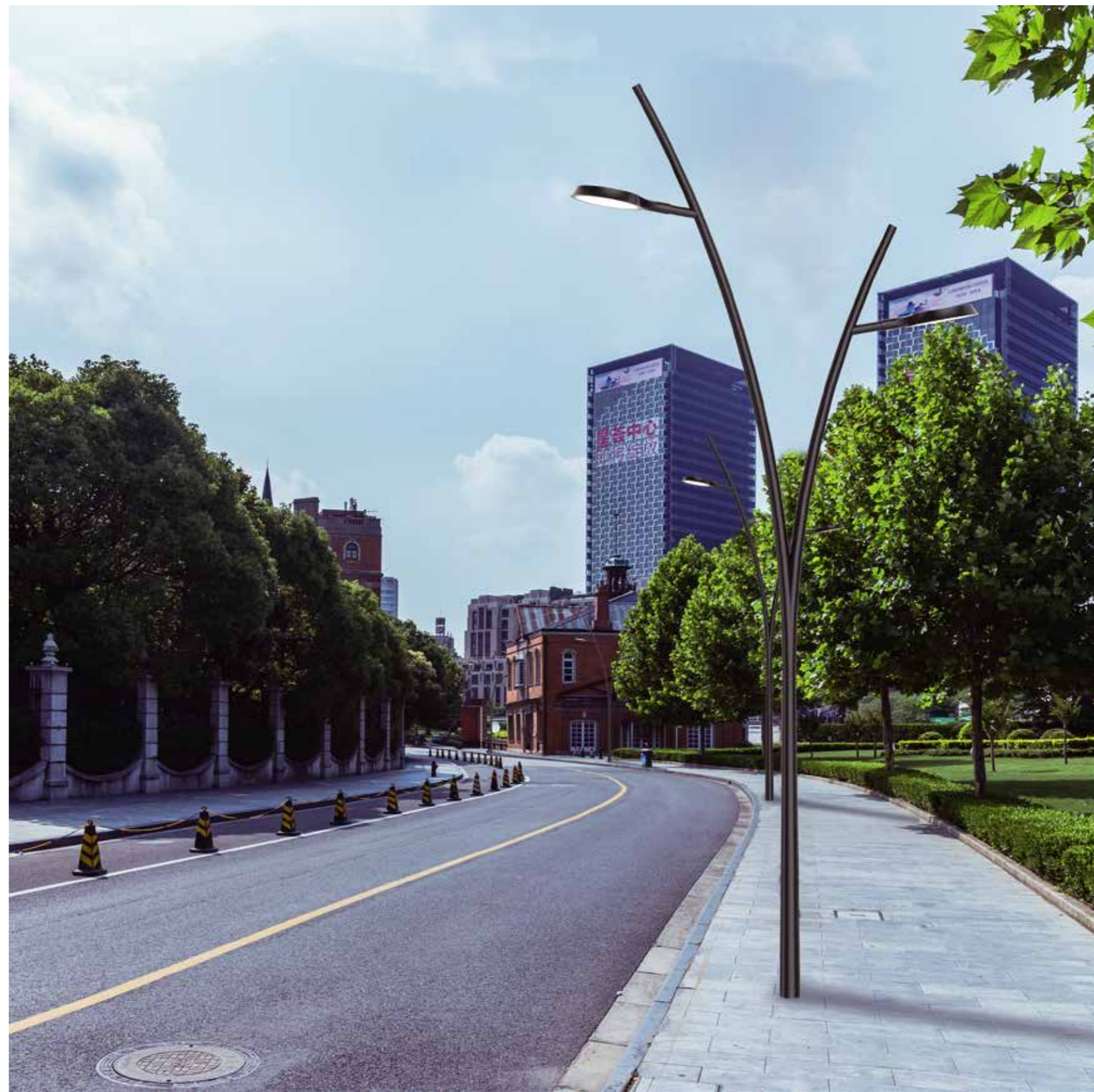
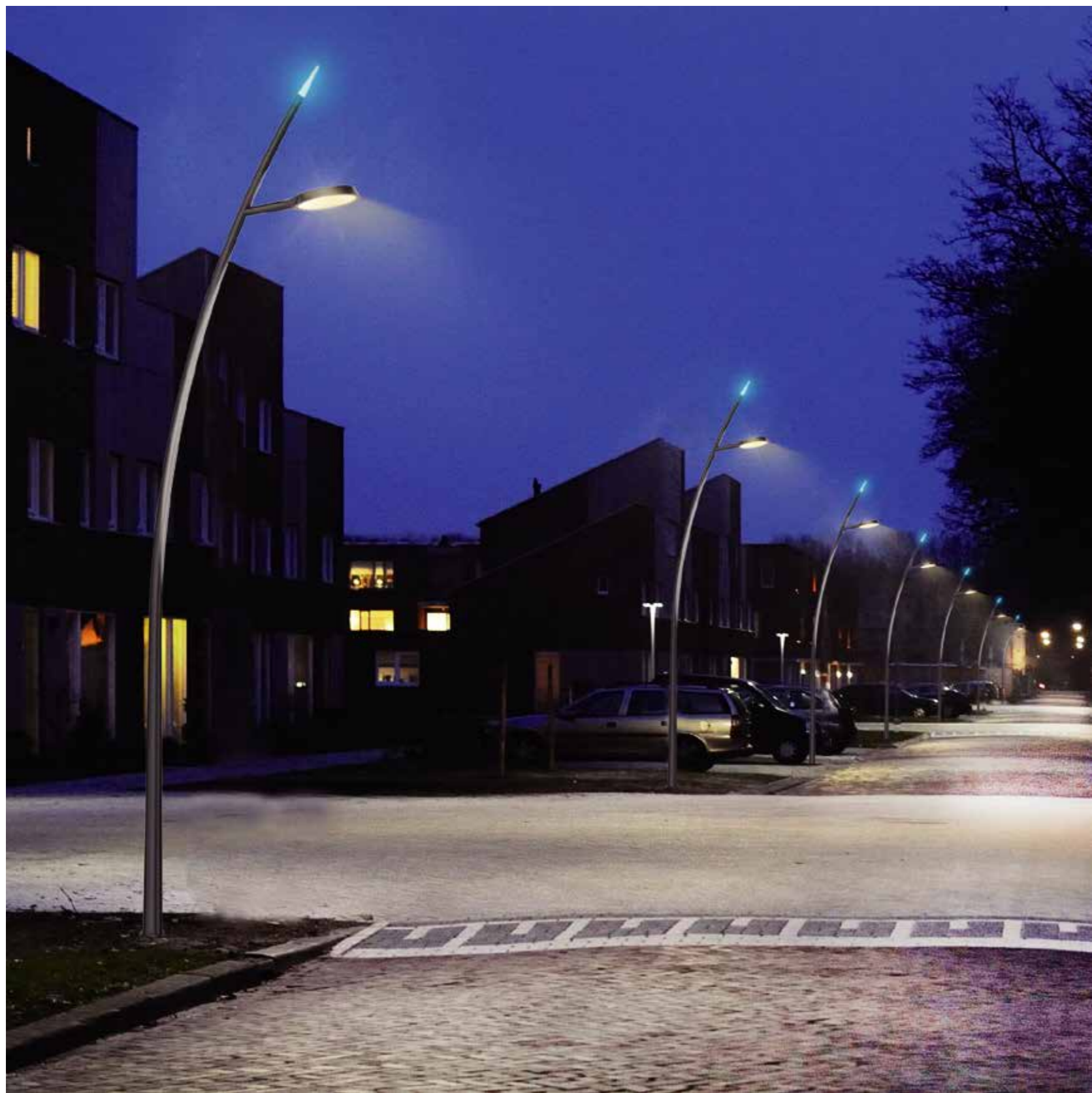
Special-shaped rods
Pole model-Pole.3620b



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Smart Garden Light | POSEIDON





LA.5010 CRIUS

Luminaire features:

- CRIUS LA.5010 is a simple and fashionable lawn lamp, made of 6063 aluminum profile, which is waterproof, rust resistant, and durable.
- The conical design with smooth surface, avoid the gathering of dust, fallen leaves, and rainwater.
- Rainwater can be flow smoothly from any direction.
- The unique design and soft lighting take safety and beauty to the urban green landscape.
- LA.5010 widely used in parks, garden villas, Urban lighting, tourist areas, and other places.



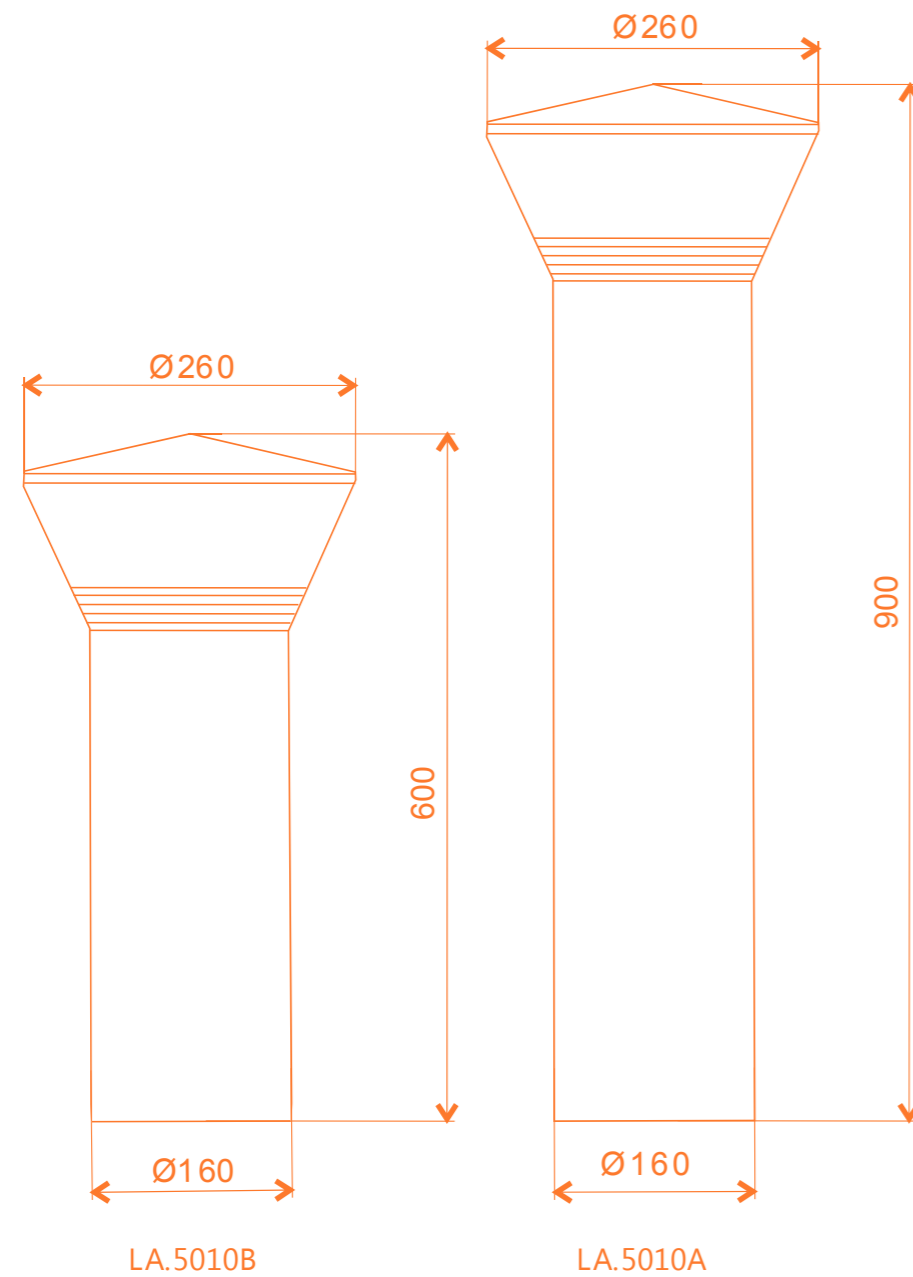
LA.5010B



R.5010A

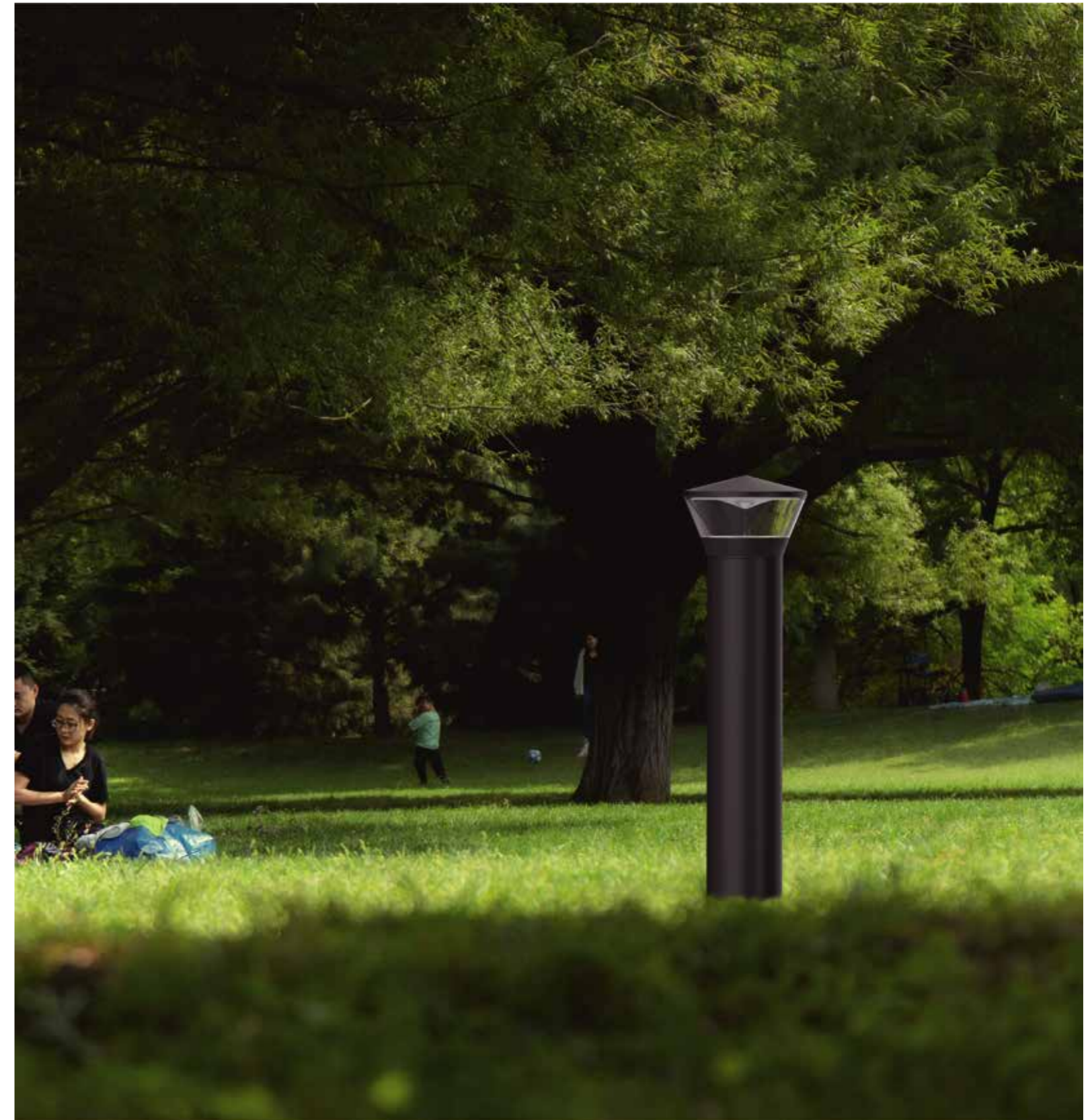
CRIUS

Dimensions and specifications



- Pole specifications

Material	Aluminum alloy
Thickness(mm)	3
Height(m)	0.6/0.9
Top size(mm)	Ø260
Bottom size(mm)	Ø160
Power(w)	18



LA.5011 WARDEN

Luminaire features:

- The design of LA.5011 is simple and modern, with modular design and multiple colors optional, suitable for different applications.

- Aluminum alloy body, spring mounted, it is convenient for on-site operation.
- LA.5011 widely used in parks, garden villas, Urban lighting, tourist areas, and other places.



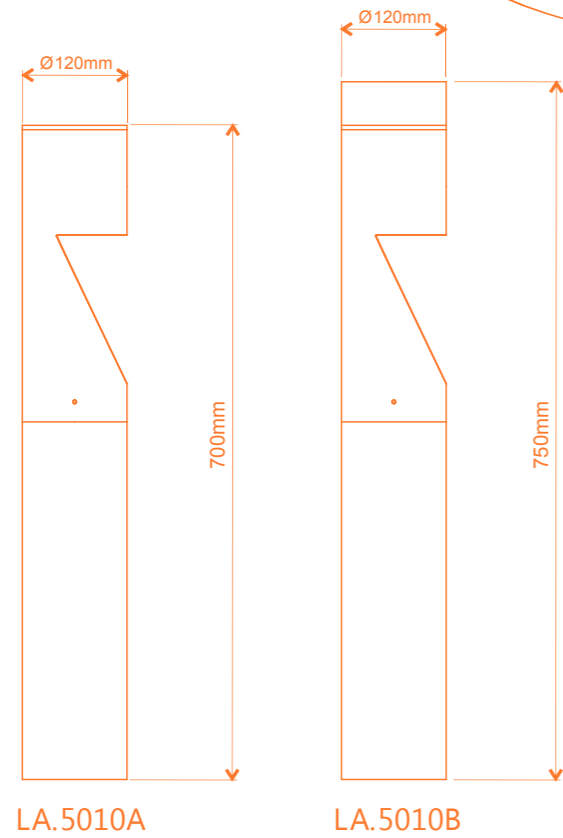
LA.5011A



LA.5011B

WARDEN

Dimensions and specifications



Modular structure design, can be arbitrarily matched according to the needs of different scenes.

The luminous module can be rotated 360°, and the field application is more flexible.

- Specification

Material	Aluminium alloy
Thickness(mm)	3
Height(m)	0.7/0.75
Size(mm)	Ø120
Power(w)	15
Ambient lighting power(w)	5

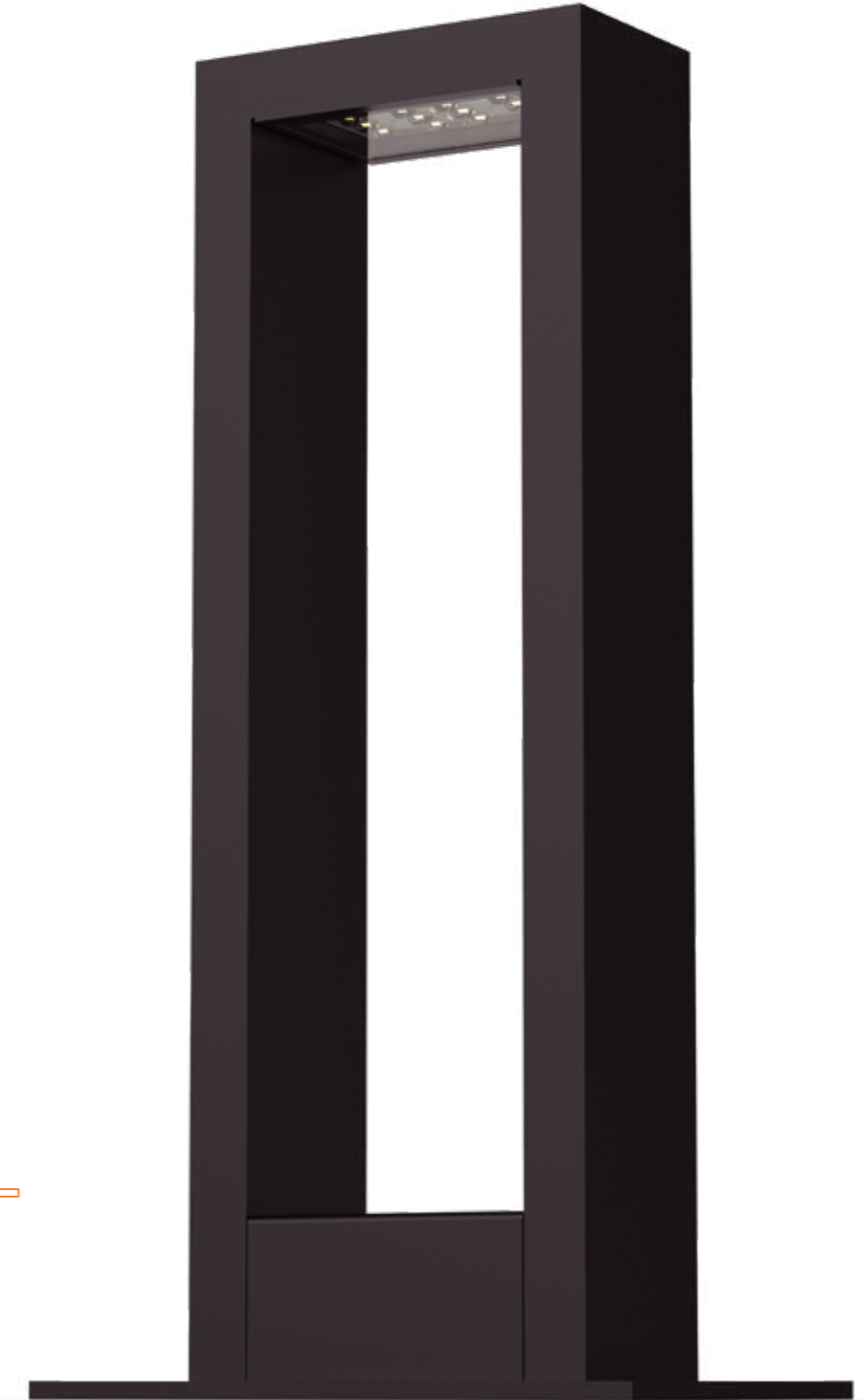
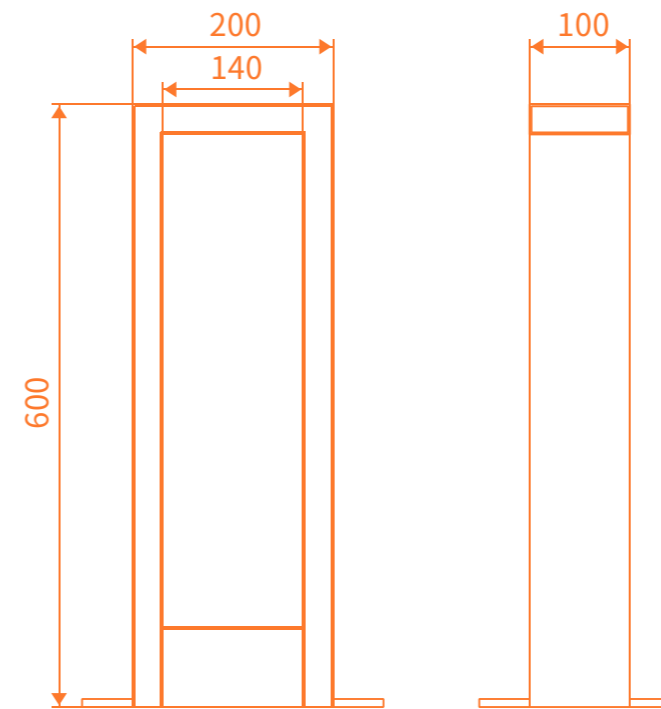
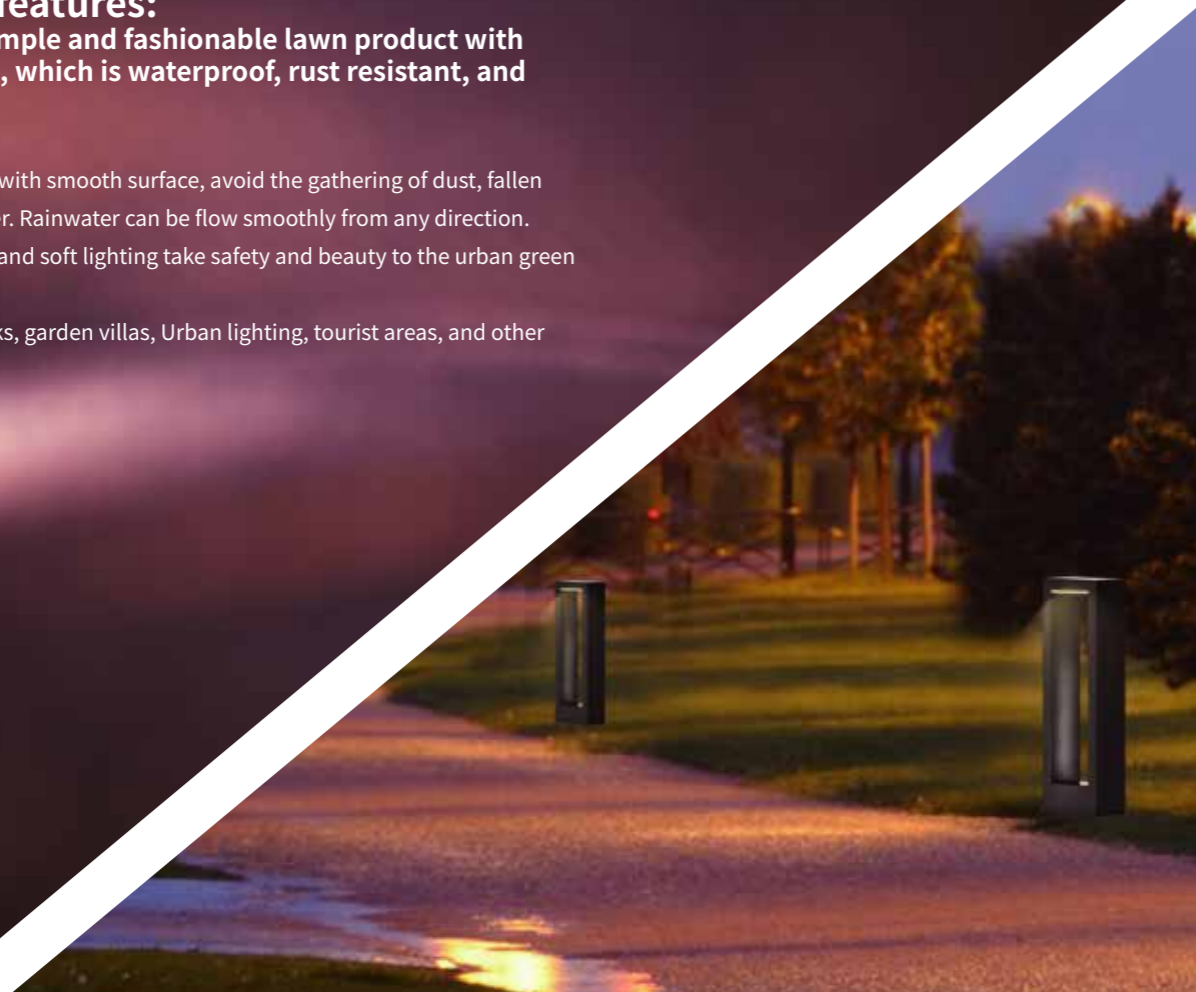


LA.5401 TALOS

Luminaire features:

· LA.5401 is a simple and fashionable lawn product with smooth surface, which is waterproof, rust resistant, and durable.

- The conical design with smooth surface, avoid the gathering of dust, fallen leaves, and rainwater. Rainwater can be flow smoothly from any direction.
- The unique design and soft lighting take safety and beauty to the urban green landscape.
- Widely used in parks, garden villas, Urban lighting, tourist areas, and other places.



LA.5401

Dimensions and specifications

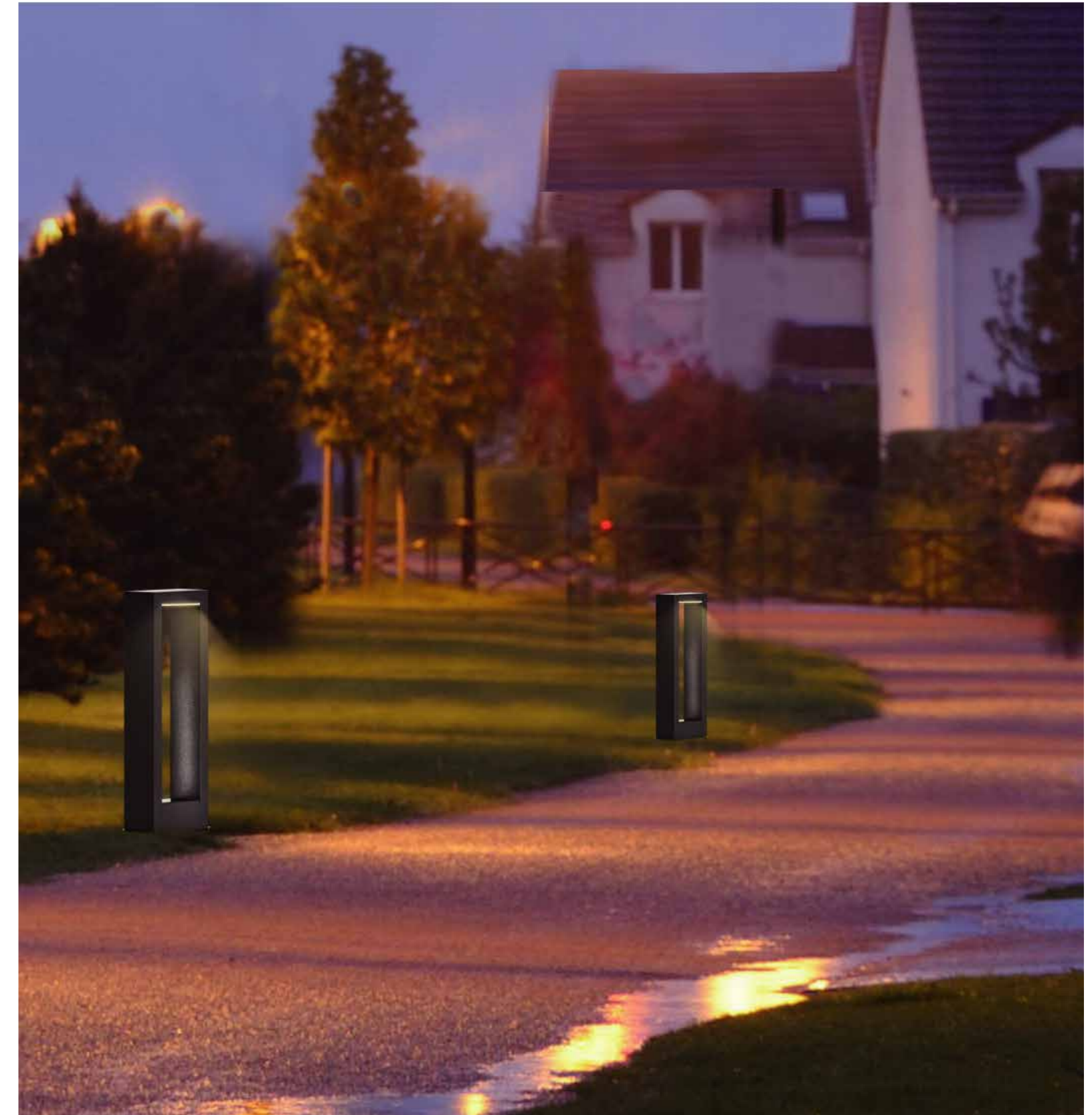
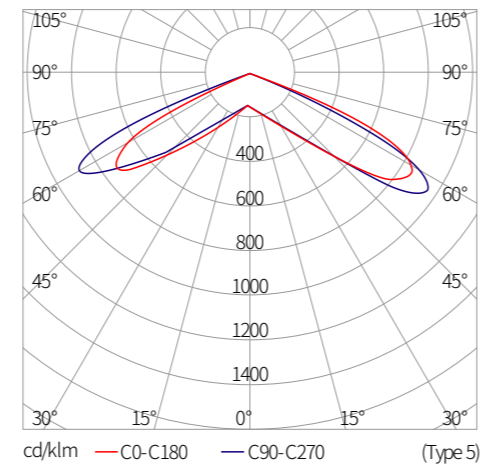
- LA.5401

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
LA.5401A.30.0010	10	≥70	≥0.9	16	945	1128	1260	1327	T5

- Lamp Specification

Pole height	600mm
Pole size	600*200*100mm
Body material	Aluminium alloy
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light or 0-10V dimming
Optics	Type5
LED model	3030 LED
Light source lifespan	50000 hours lifespan L70@Ta 40°C
safety class	Class I
IP	IP65
Vibration level	1.5G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves

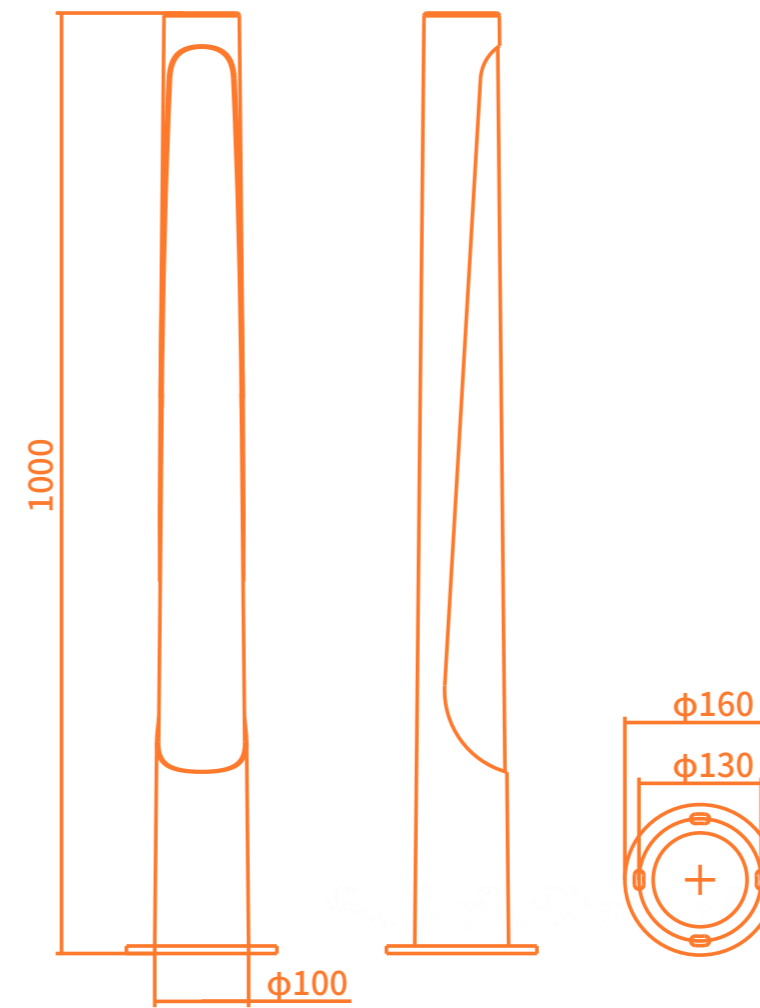


LA.5013 PONTUS

Luminaire features:

· LA.5013 is a simple and fashionable lawn lamp product with smooth surface to avoid the accumulation of dust, fallen leaves and rain.

- Unique design and soft lighting add safety and beauty to the urban green landscape.
- Widely used in parks, garden villas, urban lighting, scenic areas and other places.



LA.5013

Dimensions and specifications

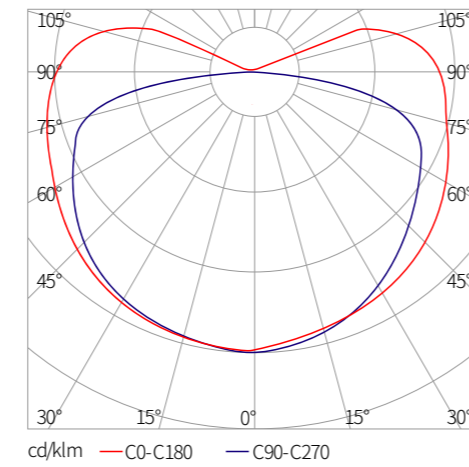
- LA.5013

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
LA.5013A.31.0015	15	≥70	≥0.9	48	1335	1470	1575	1650	160°

- Specification

Pole height	1000mm
Pole size	φ100*φ72mm
Body material	Q235
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light
Optics	160°
LED model	2835 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP65
Vibration level	3G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves

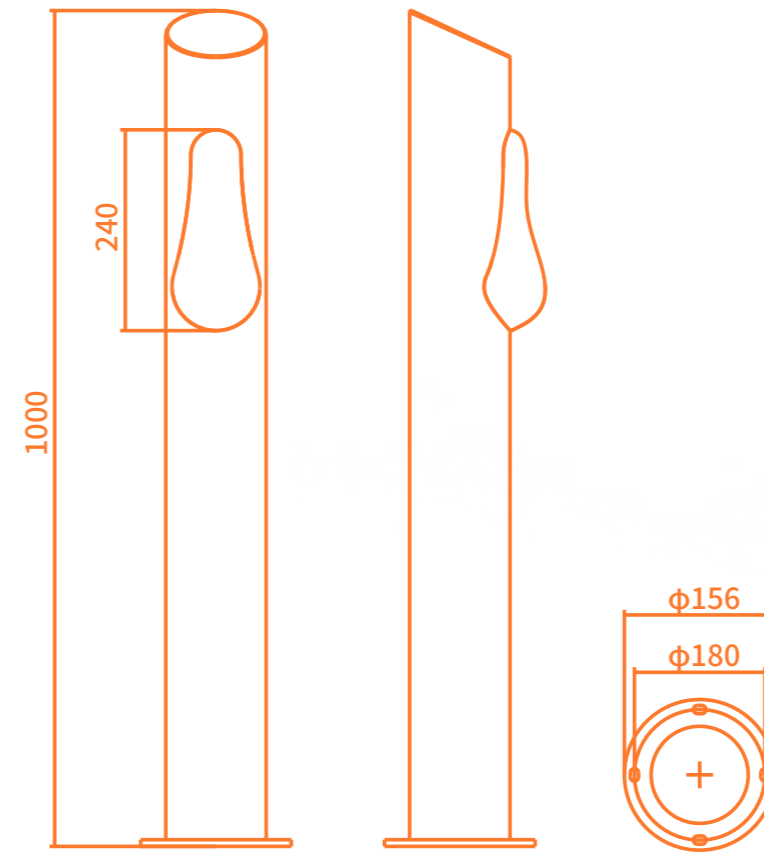


LA.5014 COEUS

Luminaire features:

· LA.5014 is a simple and fashionable lawn lamp product with smooth surface to avoid the accumulation of dust, fallen leaves and rain.

- Unique design and soft lighting add safety and beauty to the urban green landscape.
- Widely used in parks, garden villas, urban lighting, scenic areas and other places.



LA.5014

Dimensions and specifications

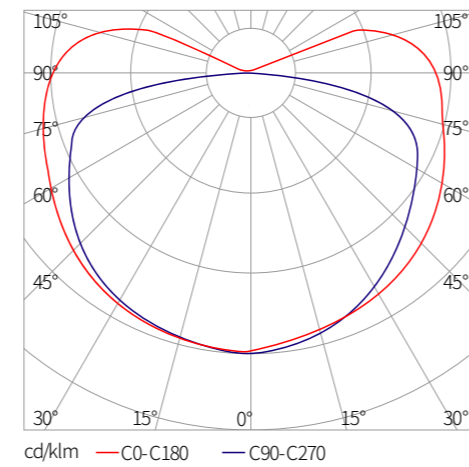
- LA.5013

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
LA.5014A.31.0010	10	≥70	≥0.9	32	890	980	1050	110	160°

- Specification

Pole height	1000mm
Pole size	φ120mm
Body material	Q235
Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light
Optics	160°
LED model	2835 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	Class I
IP	IP66
Vibration level	3G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%~90%RH

- Light distribution curves



LA.5015&LA.5016

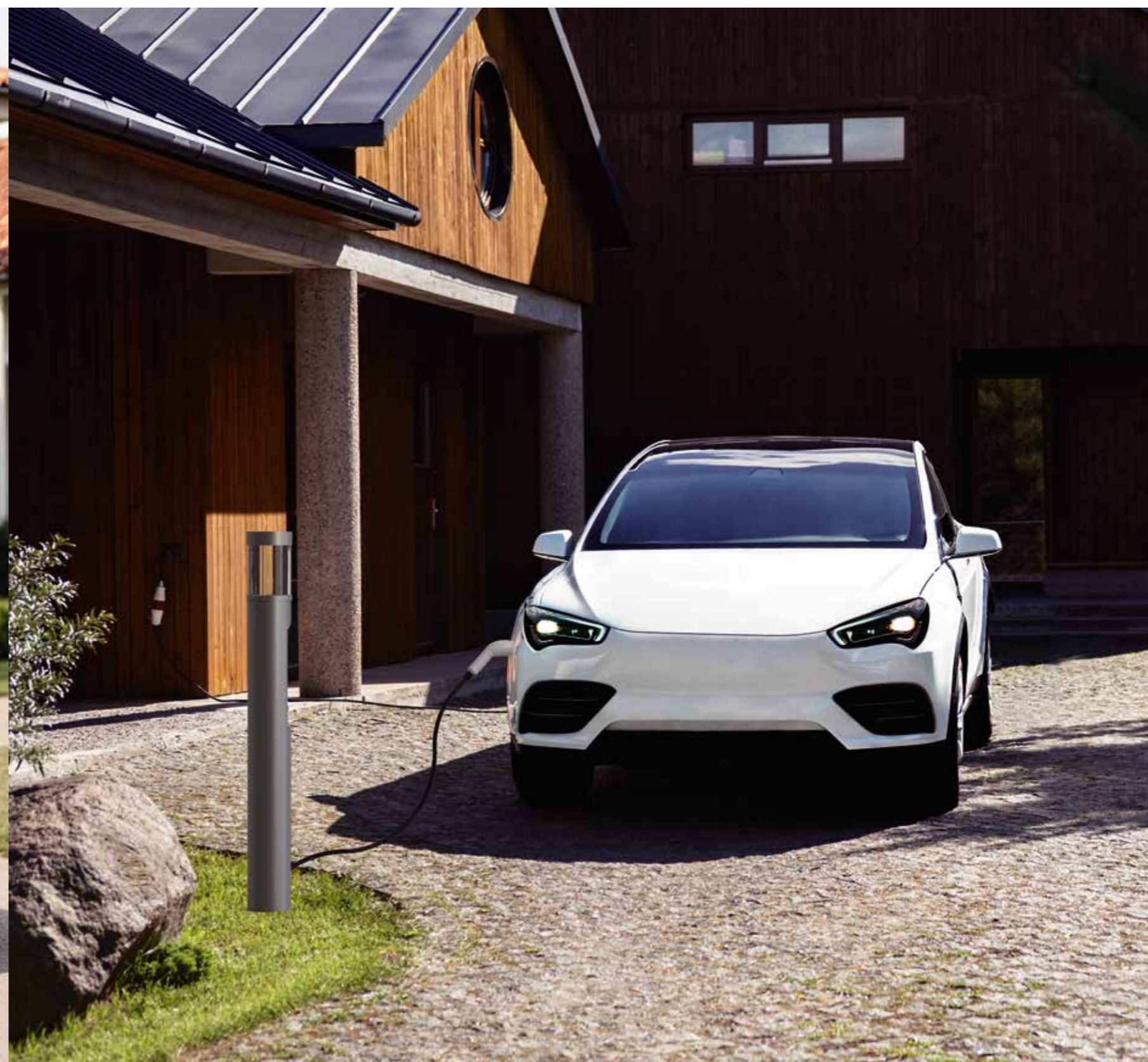
Lawn lamp + Charging pile

167

Lawn Light | ATLES



GREEN®



168

Lawn Light | KRONUS

GREEN®

LA.5015 ATLES

Luminaire features:

- The product combines lighting, decoration, charging in one of the lawn lamps, mainly for household use.
- It can also be disassembled according to actual needs and used as a single charging station.



LA.5015B

LA.5015A

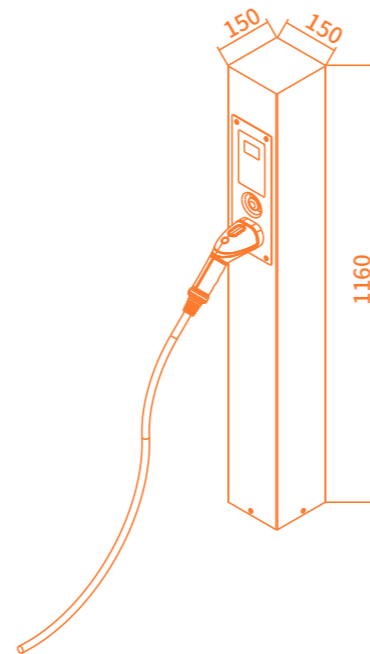
Dimensions and specifications

- LA.5015

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
LA.5015A.31.0010	10	≥70	≥0.9	24	1150	1200	1250	1280	Type5

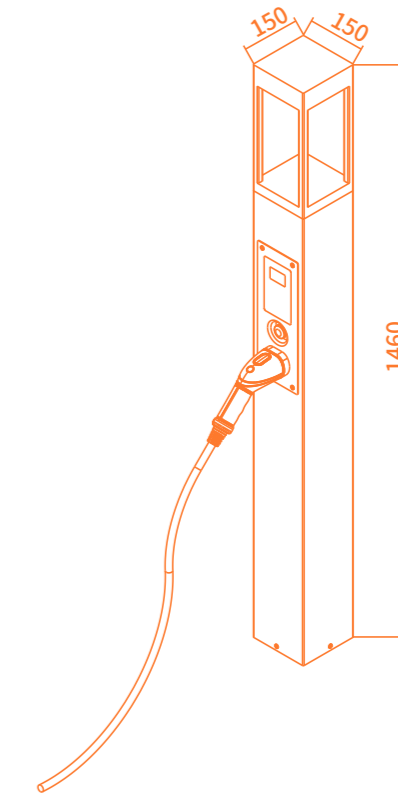
- LA.5015B charger parameters

Pole height	1160mm
Body size	150*150mm
Body material	Q235
Rated current	16A 32A
Rated power	3.5KW 7KW
Operating voltage	AC 220~240V
Contact resistance	0.5mΩ Max
Insulation resistance	>500MΩ (DC500V)
Withstand Voltage	1500V
Operation temperature	-30°C~+50°C
Leakage protection	√
Overvoltage and undervoltage protection	√
Overload protection	√
Grounding protection	√
Over temperature protection	√



- LA.5015A charger parameters

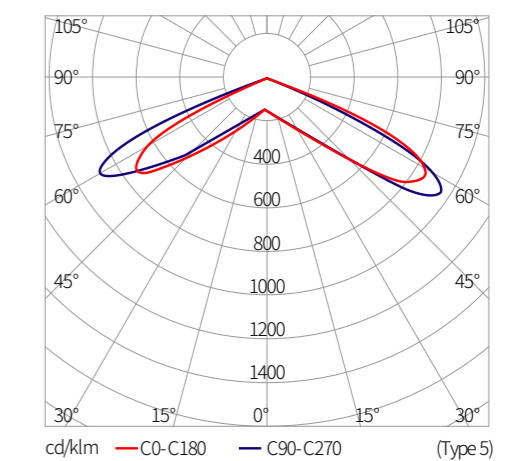
Pole height	1460mm
Body size	150*150mm
Body material	Q235
Rated current	16A 32A
Rated power	3.5KW 7KW
Operating voltage	AC 220~240V
Contact resistance	0.5mΩ Max
Insulation resistance	>500MΩ (DC500V)
Withstand Voltage	1500V
Operation temperature	-30°C~+50°C
Leakage protection	√
Overvoltage and undervoltage protection	√
Overload protection	√
Grounding protection	√
Over temperature protection	√



- Specification

Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light
Optics	Type5
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	ClassI
IP	IP66
Vibration level	3G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%-90%RH

- Light distribution curves



LA.5016 KRONUS

Luminaire features:

- The product combines lighting, decoration, charging in one of the lawn lamps, mainly for household use.
- It can also be disassembled according to actual needs and used as a single charging station.



LA.5016B

LA.5016A

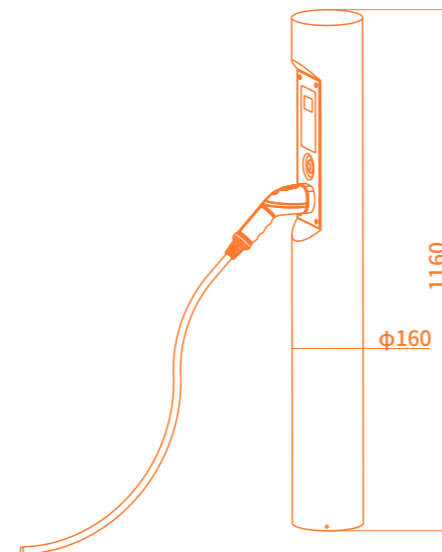
Dimensions and specifications

- LA.5016

Lamp model	Power(w)	CRI	Power Factor	LED QTY	Luminous flux (lm)-2200K	Luminous flux (lm)-2700K	Luminous flux (lm)-3000K	Luminous flux (lm)-4000K/5000K	Optics
LA.5016A.31.0010	10	≥70	≥0.9	24	1150	1200	1250	1280	Type5

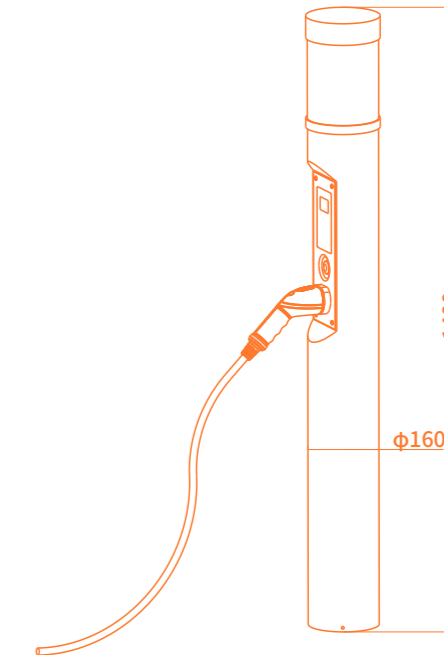
- LA.5016B charger parameters

Pole height	1160mm
Body size	150*150mm
Body material	Q235
Rated current	16A 32A
Rated power	3.5KW 7KW
Operating voltage	AC 220~240V
Contact resistance	0.5mΩ Max
Insulation resistance	>500MΩ (DC500V)
Withstand Voltage	1500V
Operation temperature	-30°C~+50°C
Leakage protection	√
Overvoltage and undervoltage protection	√
Overload protection	√
Grounding protection	√
Over temperature protection	√



- LA.5016A charger parameters

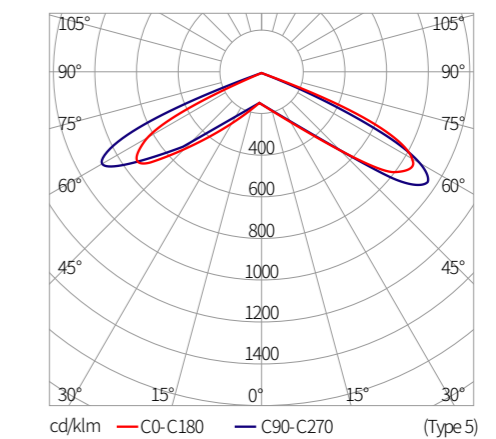
Pole height	1400mm
Body size	φ160mm
Body material	Q235
Rated current	16A 32A
Rated power	3.5KW 7KW
Operating voltage	AC 220~240V
Contact resistance	0.5mΩ Max
Insulation resistance	>500MΩ (DC500V)
Withstand Voltage	1500V
Operation temperature	-30°C~+50°C
Leakage protection	√
Overvoltage and undervoltage protection	√
Overload protection	√
Grounding protection	√
Over temperature protection	√



- Specification

Rated power	AC90V~305V 50/60Hz
Control solution	Monochrome always light
Optics	Type5
LED model	3030 LED
Light source lifespan	50000 hours lifespan L90 @ Ta 40°C
safety class	ClassI
IP	IP66
Vibration level	3G
Anti-collision level	IK09
Corrosion protection level	WF2
Ambient temperature	Ta -45°C~+40°C
Ambient humidity	10%-90%RH

- Light distribution curves

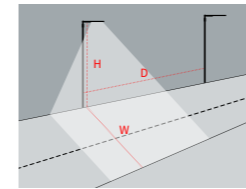
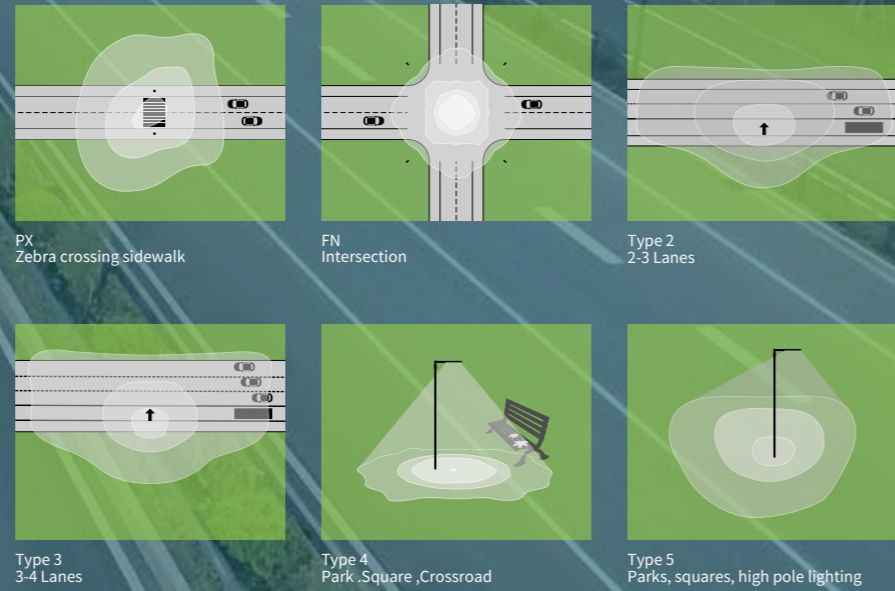


Street light



The Comparison Table for Motor Vehicle Traffic Roadway Lighting Standard Value EN and "Standard"

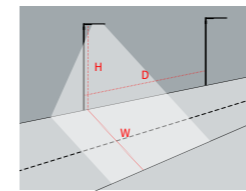
Standard Level	Brightness of Road Surface			Glare Limit Threshold Increment TI[%] Maximum Initial Value	Surround Ratio Minimum Value
	Average Brightness Lav(cd/m ²) Maintenance Value	Overall Uniformity U0 Minimum Value	Longitudinal Uniformity U1 Minimum Value		
High Value [Express Way ,Major Road]	2.0	0.4	0.7	10	0.5
ME1	2.0	0.4	0.7	10	0.5
Low Value [Express Way ,Major Road]	1.5	0.4	0.7	10	0.5
ME2	1.5	0.4	0.7	10	0.5
High Value [Collector Road]	1.0	0.4	0.5	15	0.5
ME3c	1.0	0.4	0.5	15	0.5
Low Value [Collector Road]	0.75	0.4	0.5	15	0.5
ME4b	0.75	0.4	0.5	15	0.5
High Value [Local Road]	0.75	0.4	/	15	/
ME4b	0.75	0.4	0.5	15	0.5
Low Value [Local Road]	0.5	0.4	/	15	/
ME5	0.5	0.35	0.4	15	0.5



H=Light pole vertical height
W=Light area Road width
D=Distance between two pole

TYPE 2 lumileds 3030(16h1)

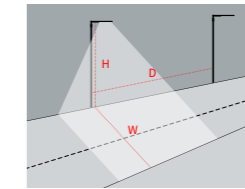
Power (w)	Dip angle	H (m)	W (m)	D (m)	Lav (cd/m ²)	U0	U1	TI	SR	Eav (lx)	Lpd (W/m ²)	Light installation method
20	10°-15°	6	7	20	0.57	0.45	0.84	13	0.56	8	0.17	Unilateral
30	10°-15°	7	7	25	0.52	0.43	0.72	6	0.62	9	0.2	Unilateral
50	10°-15°	8	7	35	0.55	0.43	0.45	7	0.62	10	0.223	Unilateral
75	10°-15°	9	14	40	0.94	0.4	0.54	10	0.54	17	0.15	Bilateral Symmetry
100	10°-15°	9	14	40	1.25	0.4	0.59	9	0.56	22	0.2	Bilateral Symmetry
125	10°-15°	9	14	40	1.59	0.4	0.59	10	0.56	28	0.25	Bilateral Symmetry
150	10°-15°	11	22	45	1.11	0.41	0.61	9	0.63	20	0.3	Bilateral Symmetry
180	10°-15°	11	22	45	1.27	0.43	0.6	9	0.65	23	0.189	Bilateral Symmetry
200	10°-15°	11	22	45	1.45	0.43	0.6	9	0.65	26	0.216	Bilateral Symmetry
225	10°-15°	11	22	45	1.66	0.42	0.61	10	0.64	30	0.3	Bilateral Symmetry
250	10°-15°	11	22	40	2.18	0.44	0.7	10	0.59	39	0.312	Bilateral Symmetry
275	10°-15°	11	22	40	2.39	0.45	0.7	10	0.59	43	0.343	Bilateral Symmetry
300	10°-15°	12	30	40	1.97	0.48	0.76	9	0.63	35	0.268	Bilateral Symmetry
325	10°-15°	12	30	40	2.13	0.48	0.76	10	0.63	38	0.29	Bilateral Symmetry



H=Light pole vertical height
W=Light area Road width
D=Distance between two pole

TYPE 3 lumileds 3030(16h1)

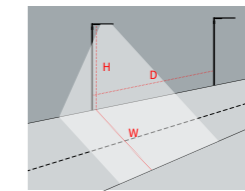
Power (w)	Dip angle	H (m)	W (m)	D (m)	Lav (cd/m ²)	U0	U1	TI	SR	Eav (lx)	Lpd (W/m ²)	Light installation method
20	0°-5°	6	7	20	0.5	0.49	0.86	12	0.6	7	0.167	Unilateral
30	0°-5°	6	7	25	0.5	0.46	0.66	10	0.6	8	0.21	Unilateral
50	0°-5°	6	7	33	0.57	0.41	0.53	11	0.66	8	0.266	Unilateral
75	0°-5°	9	14	47	0.78	0.41	0.5	10	0.6	12	0.133	Bilateral Symmetry
100	0°-5°	9	14	45	1.05	0.46	0.54	10	0.62	16	0.178	Bilateral Symmetry
125	0°-5°	9	14	45	1.31	0.49	0.58	10	0.65	21	0.222	Bilateral Symmetry
150	0°-5°	9	14	45	1.53	0.51	0.58	10	0.67	25	0.256	Bilateral Symmetry
180	0°-5°	10	22	50	1.17	0.43	0.56	10	0.69	19	0.17	Bilateral Symmetry
200	0°-5°	10	22	50	1.34	0.43	0.56	10	0.69	22	0.195	Bilateral Symmetry
225	0°-5°	11	22	50	1.5	0.46	0.61	10	0.7	25	0.219	Bilateral Symmetry
250	0°-5°	11	22	45	1.85	0.5	0.72	9	0.7	30	0.271	Bilateral Symmetry
275	0°-5°	11	22	45	2.02	0.5	0.72	10	0.7	34	0.298	Bilateral Symmetry
300	0°-5°	12	30	45	1.68	0.53	0.76	10	0.74	28	0.233	Bilateral Symmetry
325	0°-5°	12	30	45	2	0.51	0.76	10	0.72	33	0.258	Bilateral Symmetry



H=Light pole vertical height
W=Light area Road width
D=Distance between two pole

TYPE 2 lumileds 3030(12h1)

Power (w)	Dip angle	H (m)	W (m)	D (m)	Lav (cd/m ²)	U0	U1	TI	SR	Eav (lx)	Lpd (W/m ²)	Light installation method
20	0°-5°	6	7	20	0.53	0.42	0.75	10	0.65	8	0.17	Unilateral
30	0°-5°	7	7	25	0.50	0.41	0.62	8	0.46	9	0.2	Unilateral
50	0°-5°	8	7	30	0.67	0.41	0.62	8	0.53	11	0.277	Unilateral
75	0°-5°	9	14	40	0.85	0.44	0.5	7	0.52	16	0.115	Bilateral Symmetry
100	0°-5°	9	14	40	1.12	0.47	0.5	8	0.55	20	0.186	Bilateral Symmetry
125	0°-5°	9	14	40	1.43	0.47	0.5	8	0.55	26	0.233	Bilateral Symmetry
150	0°-5°	10	22	40	1.19	0.45	0.54	10	0.58	21	0.175	Bilateral Symmetry
180	0°-5°	10	22	40	1.47	0.44	0.53	10	0.51	26	0.21	Bilateral Symmetry
200	0°-5°	10	22	40	1.66	0.46	0.59	10	0.53	30	0.24	Bilateral Symmetry
225	0°-5°	11	22	40	1.79	0.55	0.71	8	0.61	32	0.274	Bilateral Symmetry
250	0°-5°	11	22	40	1.98	0.55	0.71	8	0.61	36	0.304	Bilateral Symmetry
275	0°-5°	11	22	40	2.18	0.55	0.71	8	0.61	40	0.335	Bilateral Symmetry
300	0°-5°	12	30	40	1.77	0.43	0.71	9	0.65	32	0.263	Bilateral Symmetry
325	0°-5°	12	30	40	1.91	0.43	0.71	9	0.65	35	0.285	Bilateral Symmetry



H=Light pole vertical height
W=Light area Road width
D=Distance between two pole

TYPE 3 lumileds 3030(12h1)

Power (w)	Dip angle	H (m)	W (m)	D (m)	Lav (cd/m ²)	U0	U1	TI	SR	Eav (lx)	Lpd (W/m ²)	Light installation method
20	0°-5°	6	7	20	0.5	0.45	0.8	12	0.7	8	0.17	Unilateral
30	0°-5°	6	7	25	0.5	0.41	0.53	10	0.44	9	0.2	Unilateral
50	0°-5°	7	7	30	0.59	0.4	0.47	9	0.5	10	0.277	Unilateral
75	0°-5°	9	14	40	0.81	0.43	0.47	8	0.43	15	0.15	Bilateral Symmetry
100	0°-5°	9	14	40	1.01	0.52	0.51	8	0.5	19	0.186	Bilateral Symmetry
125	0°-5°	9	14	40	1.29	0.52	0.51	8	0.5	24	0.233	Bilateral Symmetry
150	0°-5°	9	14	40	1.52	0.52	0.51	9	0.5	28	0.279	Bilateral Symmetry
180	0°-5°	10	22	45	1.17	0.43	0.51	8	0.52	21	0.182	Bilateral Symmetry
200	0°-5°	10	22	45	1.33	0.43	0.51	8	0.52	24	0.207	Bilateral Symmetry
225	0°-5°	10	22	45	1.51	0.43	0.51	9	0.52	28	0.233	Bilateral Symmetry
250	0°-5°	13	22	40	1.71	0.56	0.7	7	0.6	32	0.292	Bilateral Symmetry
275	0°-5°	13	22	40	1.88	0.56	0.7	7	0.6	35	0.321	Bilateral Symmetry
300	0°-5°	13	30	40	1.77	0.44	0.7	7	0.5	33	0.272	Bilateral Symmetry
325	0°-5°	13	30	40	1.92	0.44	0.72	7	0.5	36	0.295	Bilateral Symmetry

*The following is only the installation diagram. The height and installation method of the light pole can be adjusted according to the site needs.



R.322X Series Smart Street Light

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Smart Street Light | R.322X



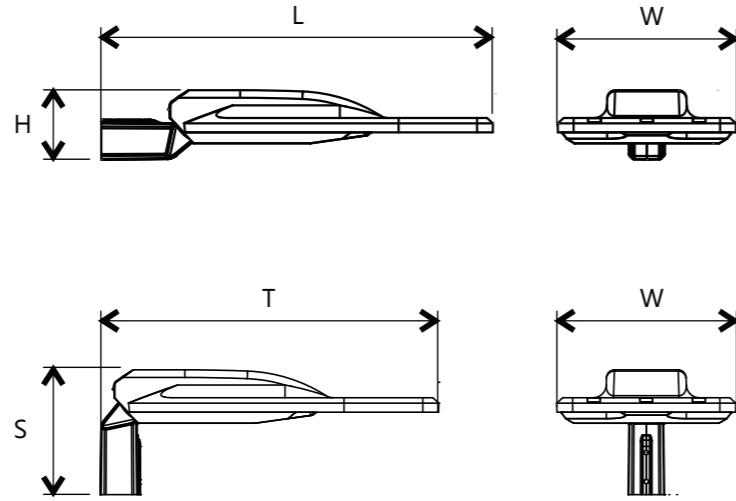
R.324X Features:

R.322 series was developed and designed by Green Lighting independently. The design concept of this lamp is simple shape and screw invisible which makes it extremely concise.

The surface is very smooth with ideal self-cleaning function. The proportion of the light source cavity follows gold ratio, which looks visually harmonious and durable.

With its own breathing device, balance internal and external pressure, and maintain heat dissipation stability.

The lamp can be opened without tools and is equipped with a plug-in switch. Open the lamp will cut off the power immediately, enhancing safety. The electrical part can be taken out as a whole, making it convenient for maintenance and improving work efficiency.



R.3221	Size	L560*W221*H114mm T473*W221*S200mm
	Power	30W~100W
	Efficiency	120lm/w~180lm/w

R.3222	Size	L749*W341*H133mm T644*W341*S238mm
	Power	125W~200W
	Efficiency	120lm/w~180lm/w

R.3223	Size	L863*W392*H134mm T759*W134*S238mm
	Power	225W~300W
	Efficiency	120lm/w~180lm/w



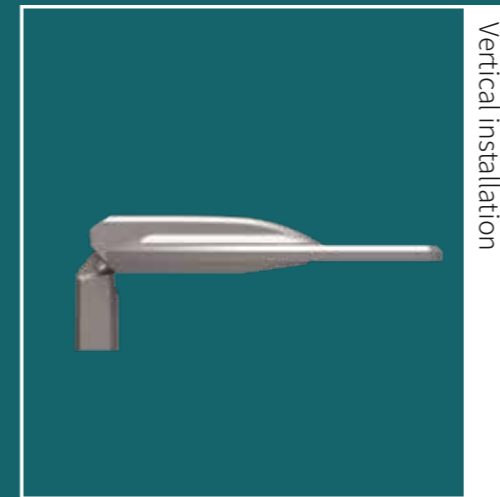
Overall replacement



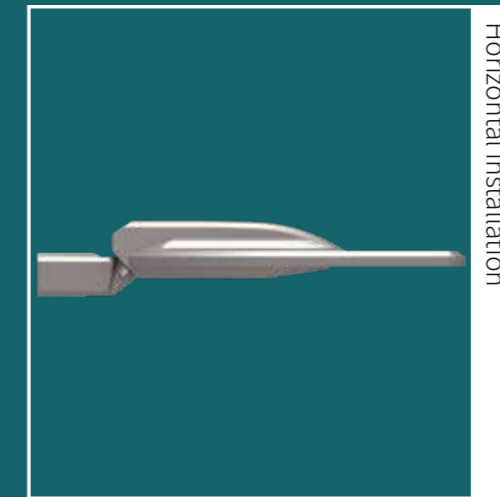
Unaided operation without tools



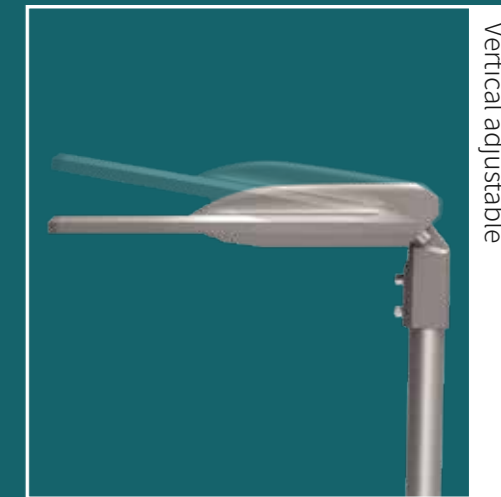
Level adjustment calibrator



Vertical installation



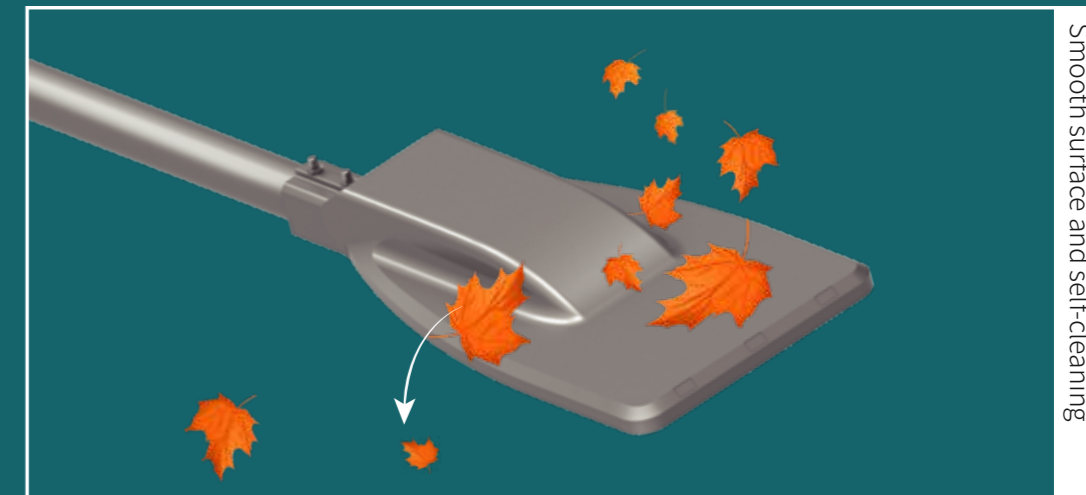
Horizontal installation



Vertical adjustable



Open cover power off switch



Smooth surface and self-cleaning

180

Smart Street Light | R.322X

R.324X Series Smart Street Light

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Smart Street Light | R.324X

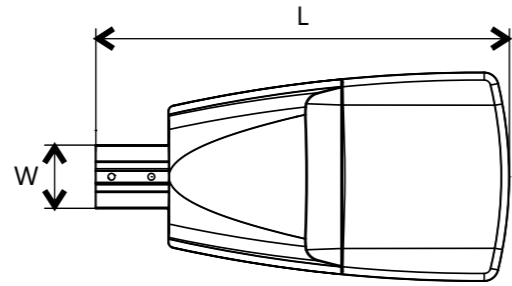


R.324X Features:

series road lamp has R.3240,R.3241,R.3242,R3243 four different sizes. The shape is simple, flexible and smooth, with ideal self-cleaning function such as no water, no snow accumulation ect; Combined with high performance LED and driver technology, which can provide perfect road lighting solutions for urban road planning and design.

Integrated aluminum die-casting technology is reliable and durable. With high speed wind resistance design, making it easy to meet various harsh environment.

Single lights and a variety of system configuration can help you easily and safely to realize road lighting green and environment-friendly intelligent upgrade, which is an excellent new product for outdoor road lighting.



R.3240	Size	L311*W223*H55mm
	Power	20W~40W
	Efficiency	120lm/w~180lm/w

R.3241	Size	L519*W262*H86mm
	Power	50W~100W
	Efficiency	120lm/w~180lm/w

R.3242	Size	L650*W337*H89mm
	Power	125W~200W
	Efficiency	120lm/w~180lm/w

R.3243	Size	L797*W402*H99mm
	Power	225W~325W
	Efficiency	120lm/w~180lm/w



Unaided operation without tools



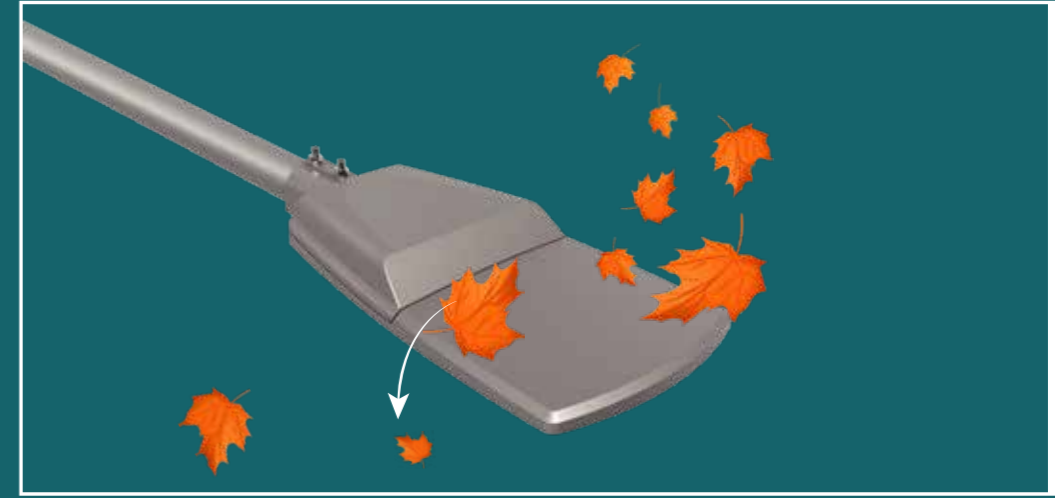
Zhaga interface sensor



Single lamp single control



Upper open cover



Smooth surface and self-cleaning



Open cover power off switch



Tempered glass protective surface

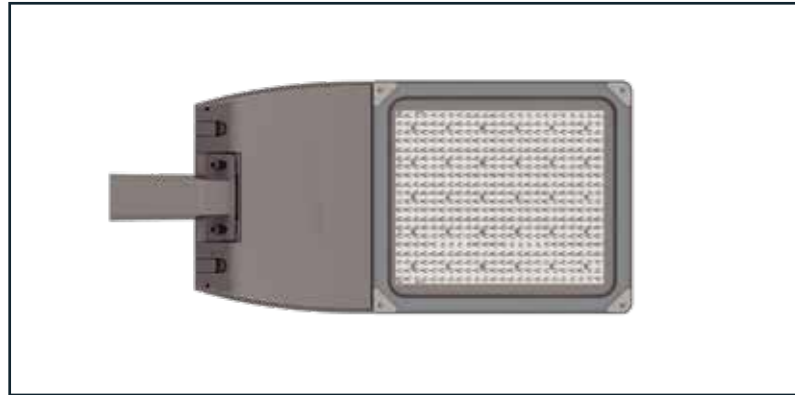
181

Smart Street Light | R.324X

R.327X Series Smart Street Light

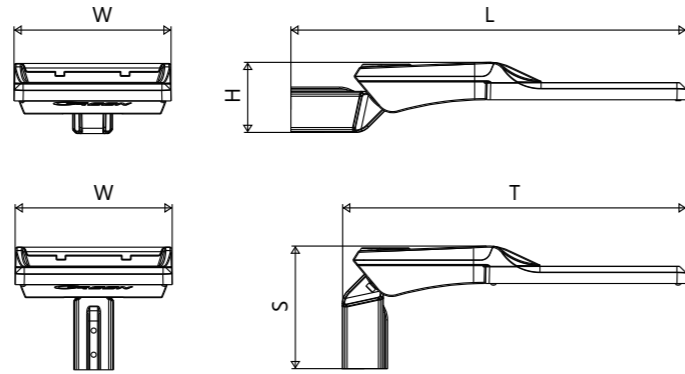
183

Smart Street Light | R.327X



R.327X Features:

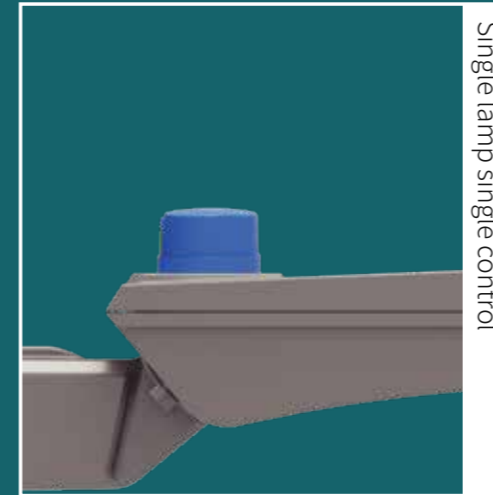
CHIRON R.327 series has R.3271、R.3272、R.3273 three different sizes,The entire lamp body is completed by integrated aluminum die-casting, with light source and power supply dual cavity, reduces the heat formation that overlaps with each other, which causing chip premature failure due to excessive temperature. Tempered glass for smooth surface protection, reducing environmental damage to optical and electronic components, effectively extending product lifespan.



R.3271	Size	L565*W260*H116mm T478*W260*S203mm
	Power	50W~100W
	Efficiency	120lm/w~180lm/w

R.3272	Size	L655*W260*H116mm T570*W260*S203mm
	Power	125W~200W
	Efficiency	120lm/w~180lm/w

R.3273	Size	L763*W340*H119mm T658*W340*S224mm
	Power	225W~320W
	Efficiency	120lm/w~180lm/w



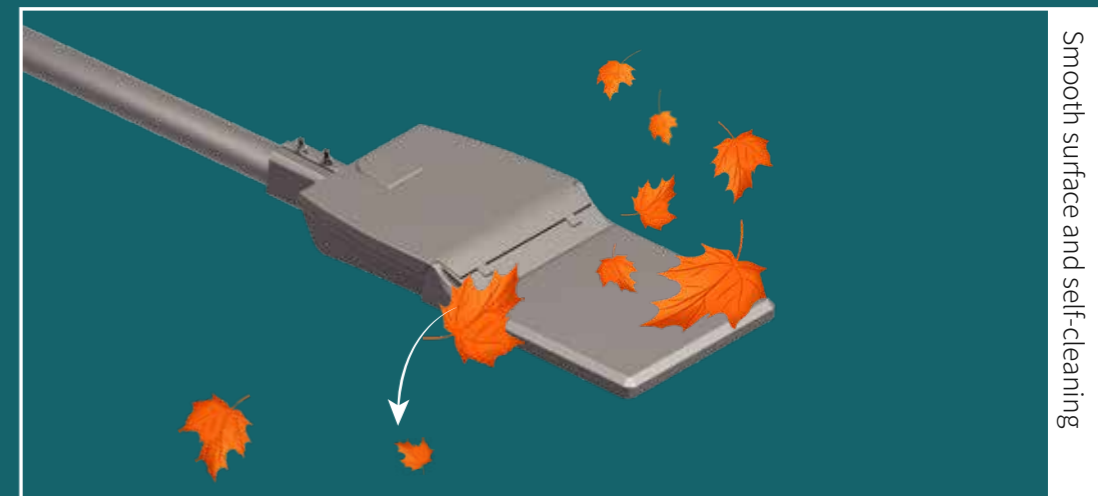
Single lamp single control



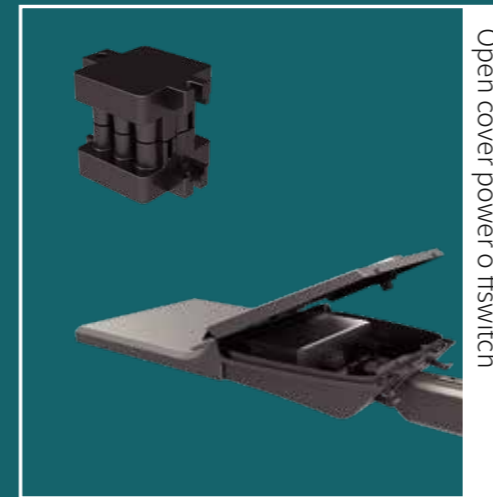
Zhaga interface sensor



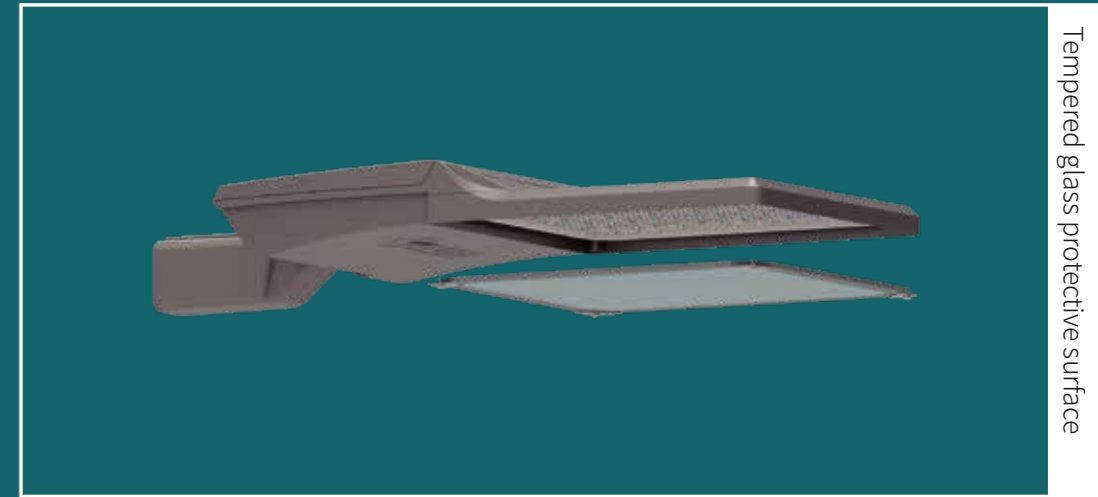
Upper open cover



Smooth surface and self-cleaning



Open cover power off switch



Tempered glass protective surface

184

Smart Street Light | R.327X

R.3251 Series Smart Street Light

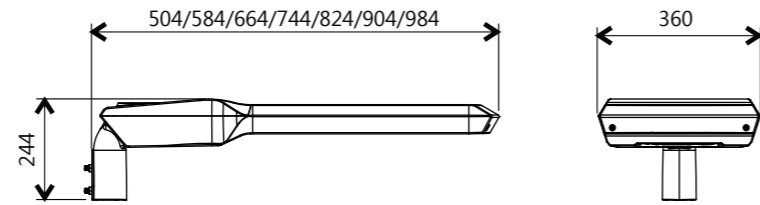
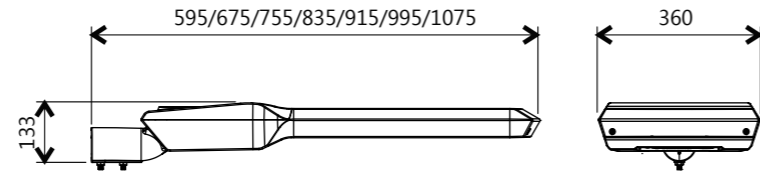
185

Smart Street Light | R.3251



R.3251 Features:

R.3251 is a product with aluminum alloy body and optical modular structure design. standardized structure of the optical module, site maintenance is more convenient and general. can install NEMA and ZHAGA standard interface optional single lamp controller or light controller intelligent control management of lamps. The electrical chamber adopts the opening mode without tool, which is safe and easy to operate. The installation joint can be adjusted, and the anti-fall wire and surge protector are equipped.



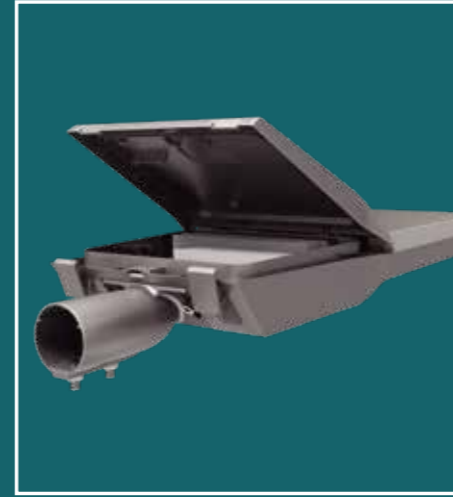
Size	Power	Efficiency
595/504mm	30w~60w	120lm/w~200lm/w
675/584mm	100w~120w	
755/664mm	150w~180w	
835/744mm	200w~240w	
915/824mm	300w	
995/904mm	360w	
1075/984mm	420w	

186

Smart Street Light | R.3251



Surge Protective Device



Unaided operation without tools



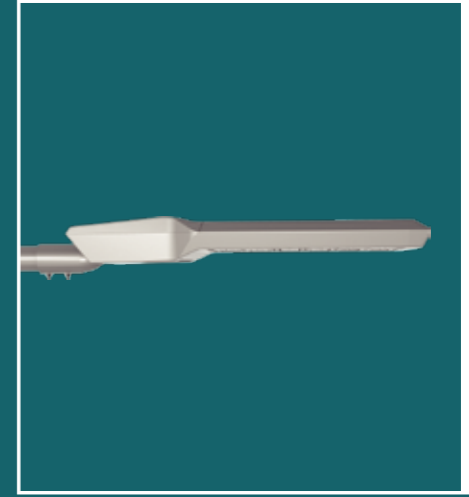
Single lamp single control



Level adjustment calibrator



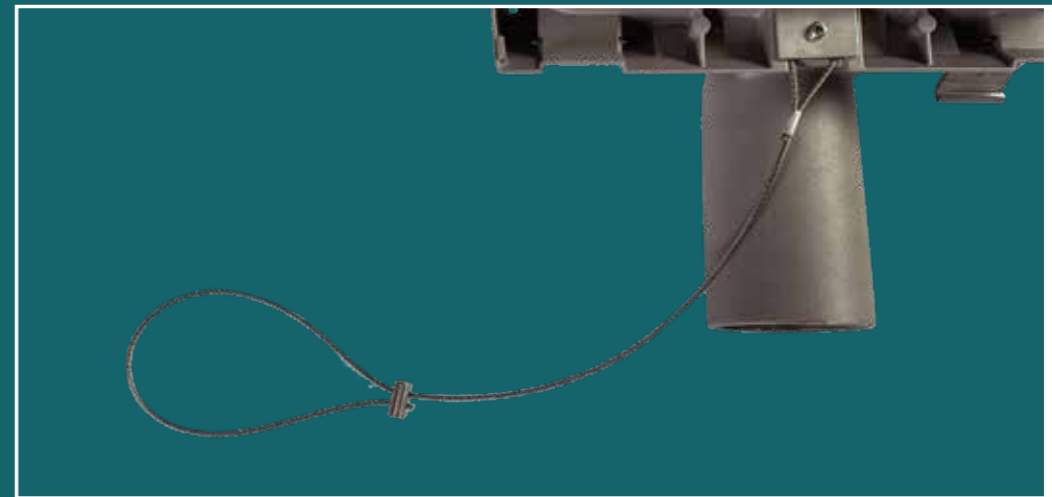
Vertical installation



Horizontal installation



Precise adjustment

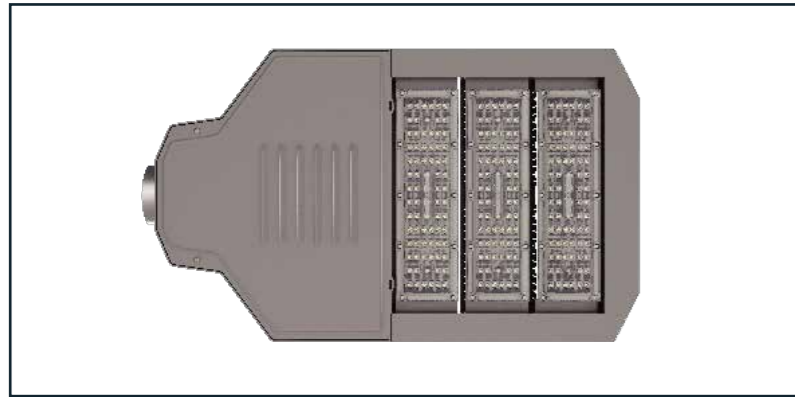
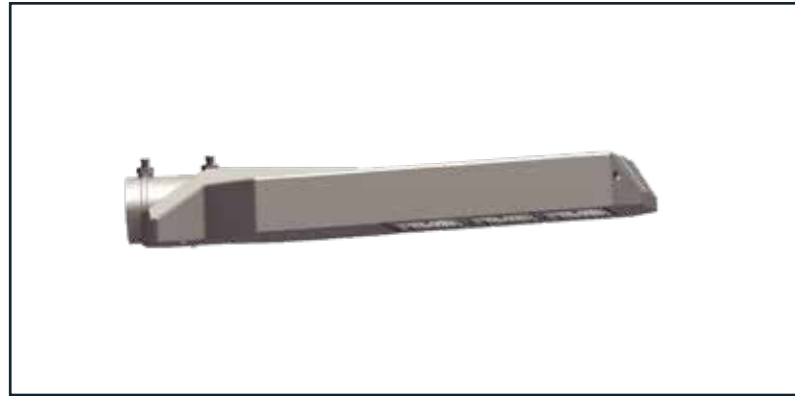


Falling prevention safety rope

R.3252 Series Smart Street Light

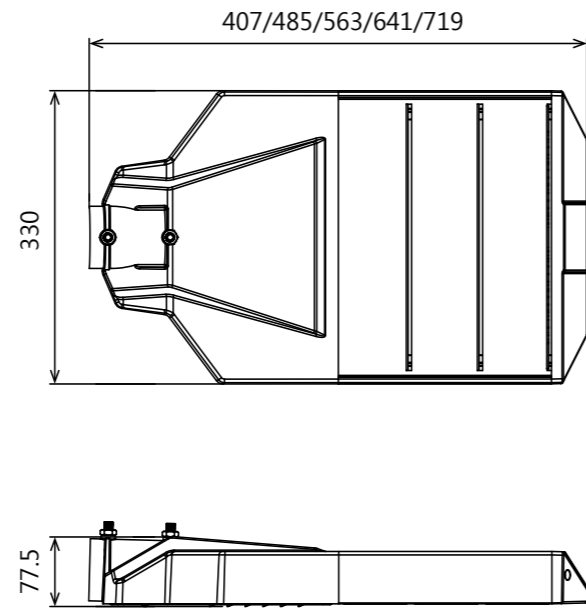
187

Single lamp controller | R.3252



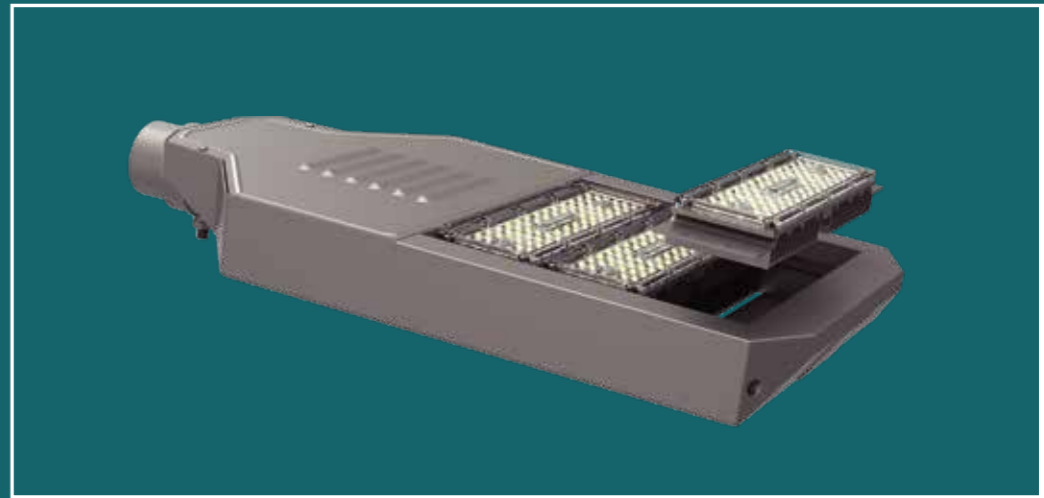
R.3252 Features:

R.3252 is a product with aluminum alloy body and optical modular structure design. standardized structure of the optical module, site maintenance is more convenient and general. can install NEMA and ZHAGA standard interface, optional single lamp controller or light controller intelligent control management of lamps. can be configured with anti-fall wire and surge protection



Size	Power	Efficiency
407mm	30w~60w	120lm/w~200lm/w
485mm	100w~120w	
563mm	150w~180w	
641mm	200w~240w	
719mm	300w	

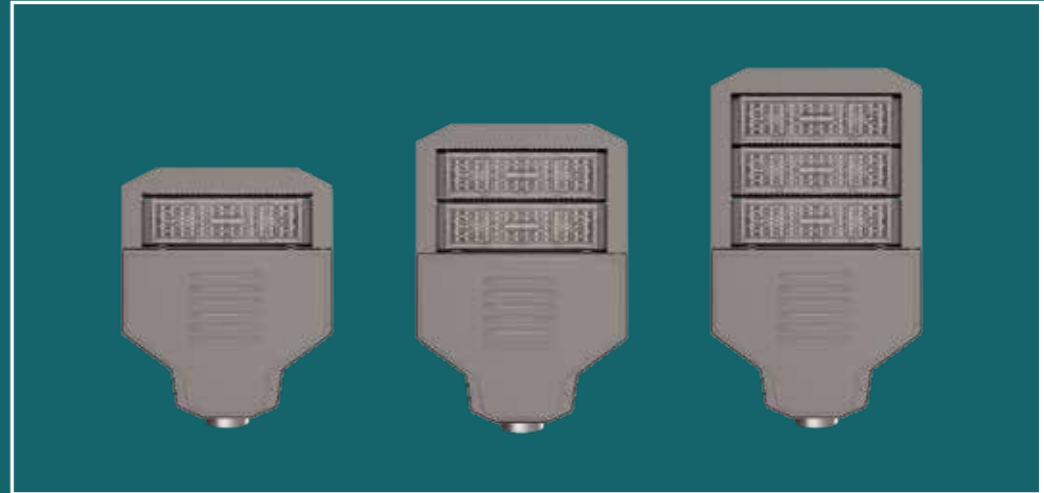
Modular design



188

Smart Street Light | R.3252

Multiple modules



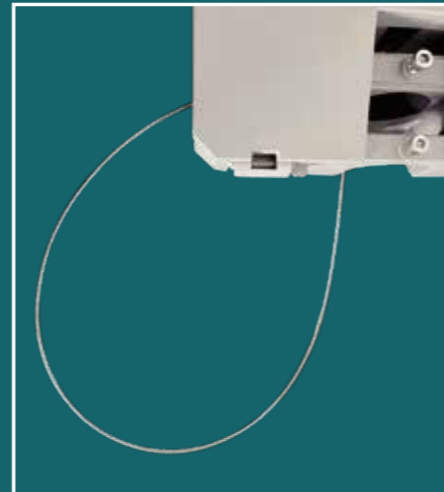
Quick plug



Surge Protective Device



Falling prevention safety rope



Cost performance



R.3254 Series Smart Street Light

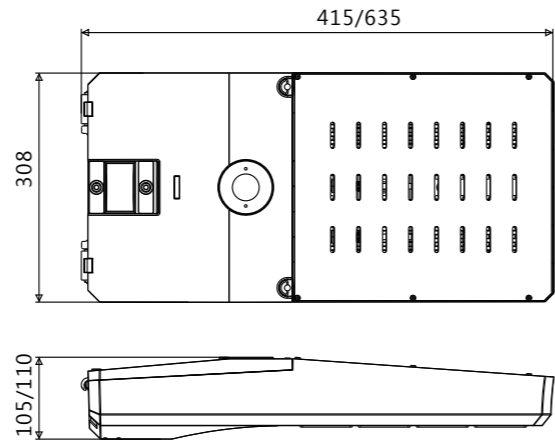
189

Single lamp controller | R.3254



R.3254 Features:

R.3254 is a product with aluminum alloy body and optical modular structure design, standardized structure of the optical module, site maintenance is more convenient and general, can install NEMA and ZHAGA standard interface, optional single lamp controller or light controller intelligent control management of lamps, can be configured with anti-fall wire and surge protection.



Size	Power	Efficiency
415*308*105mm	80w~150w	120lm/w~200lm/w
635*308*110mm	200w~240w	



Quick plug



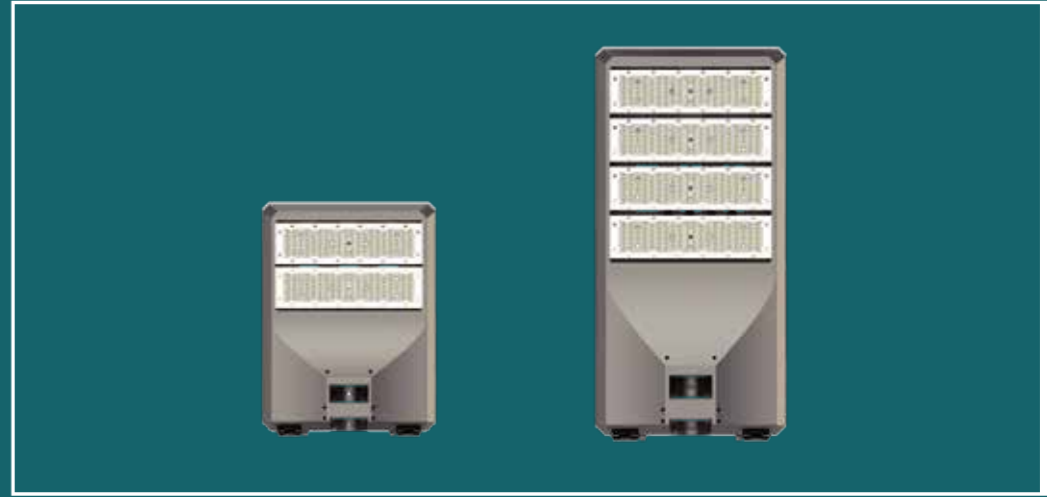
Rear open cover mode



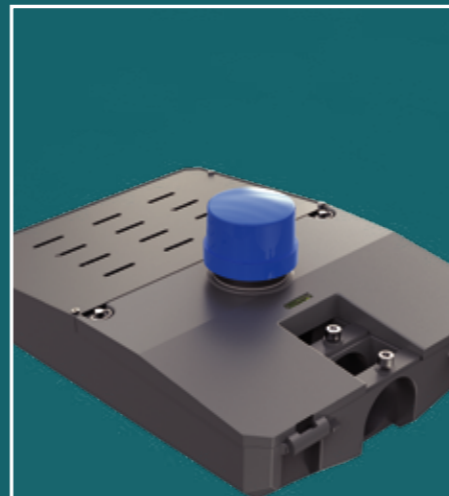
Modular design



Surge Protective Device



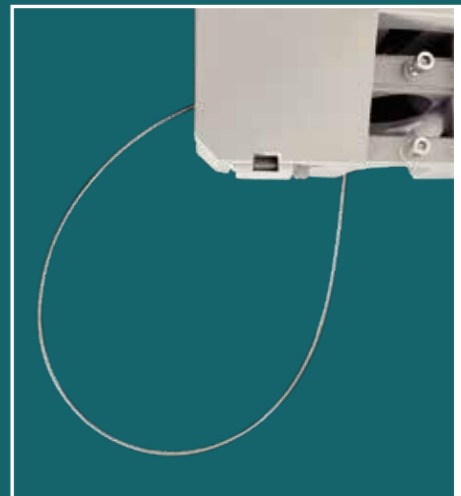
Multiple modules



Single lamp single control



Level adjustment calibrator



Falling prevention safety rope

190

Smart Street Light | R.3252

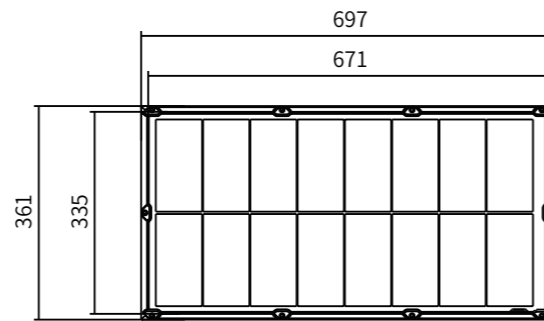
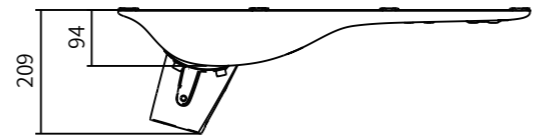
R.3001

Integrated solar street lamp



R.3001 integrated solar street lamp features:

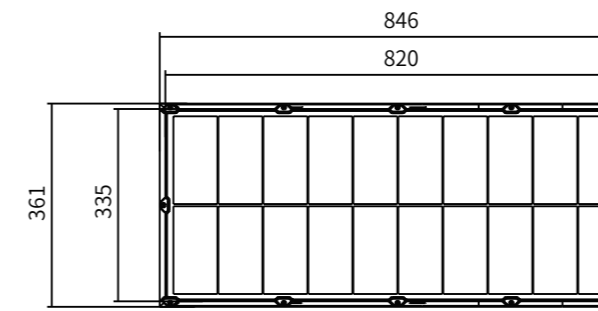
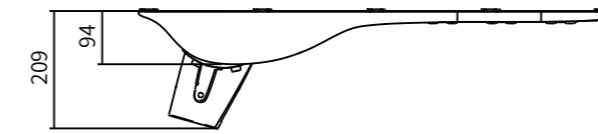
The design of integrated solar street lights has a simple structure, convenient installation, and is safe and practical.
 High light efficiency light source configuration, with the entire light output reaching the lighting level of a fast lane.
 Intelligent management can be carried out according to local specific conditions and customer requirements.
 Can continuously light up for 3-5 rainy days.
 Aluminum alloy die-casting lamp body, adjustable installation connector Suitable for roads, parking lots, squares etc.



Size	Power	Efficiency
697*361*209mm	40W	150lm/w~200lm/w

R.3002 integrated solar street lamp features:

The design of integrated solar street lights has a simple structure, convenient installation, and is safe and practical.
 High light efficiency light source configuration, with the entire light output reaching the lighting level of a fast lane.
 Intelligent management can be carried out according to local specific conditions and customer requirements.
 Can continuously light up for 3-5 rainy days.
 Aluminum alloy die-casting lamp body, adjustable installation connector Suitable for roads, parking lots, squares etc.



Size	Power	Efficiency
846*361*209mm	60W	150lm/w~200lm/w

R.3002

Integrated solar street lamp



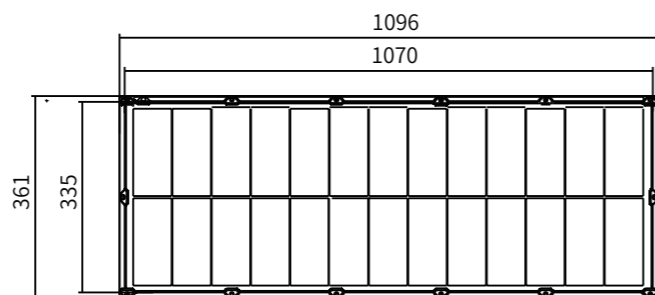
R.3003

Integrated solar street lamp



R.3003 integrated solar street lamp features:

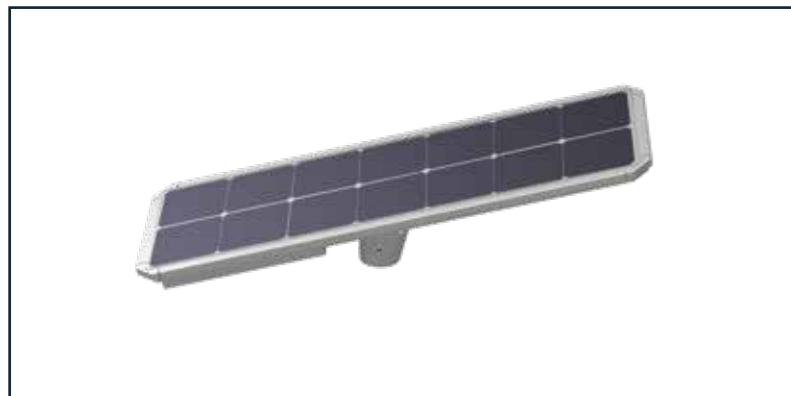
The design of integrated solar street lights has a simple structure, convenient installation, and is safe and practical.
 High light efficiency light source configuration, with the entire light output reaching the lighting level of a fast lane.
 Intelligent management can be carried out according to local specific conditions and customer requirements.
 Can continuously light up for 3-5 rainy days.
 Aluminum alloy die-casting lamp body, adjustable installation connector Suitable for roads, parking lots, squares etc.



Size	Power	Efficiency
1096*361*209mm	80W	150lm/w~200lm/w

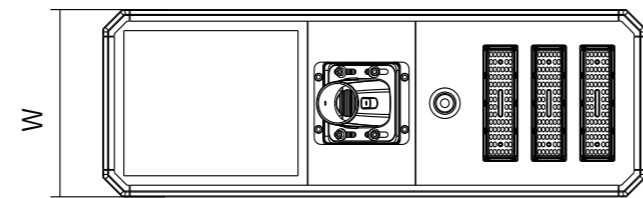
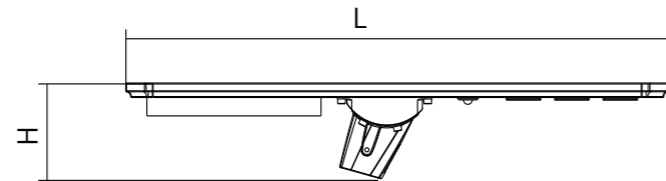


R.3004 Integrated solar street lamp

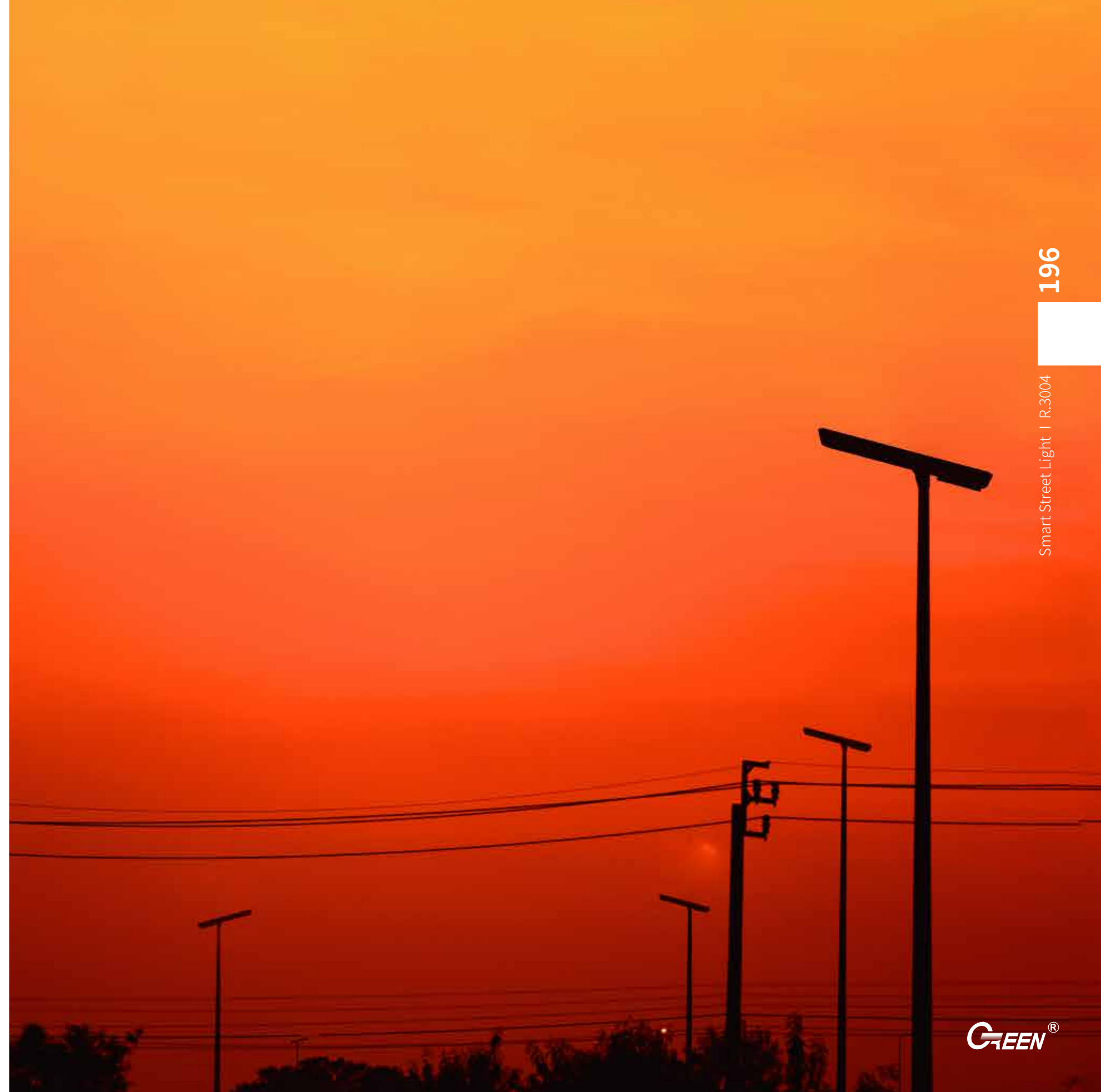


R.3004 integrated solar street lamp features:

The design of integrated solar street lights has a simple structure, convenient installation, and is safe and practical.
High light efficiency light source configuration, with the entire light output reaching the lighting level of a fast lane.
Intelligent management can be carried out according to local specific conditions and customer requirements.
Can continuously light up for 3-5 rainy days.
Aluminum extruded body, adjustable installation connector.
Suitable for roads, parking lots, squares etc.



Size	Power	Efficiency
872*387*198mm	40W	150lm/w~200lm/w
1122*387*198mm	60W	
1352*387*198mm	80W	



R.3005 Integrated solar street lamp

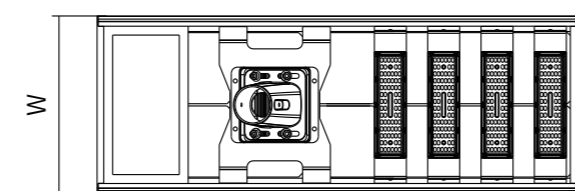
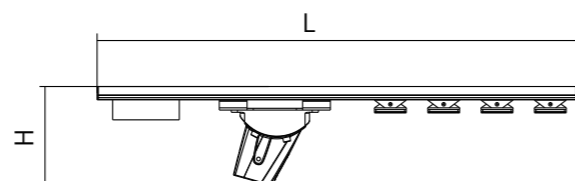
197

Smart Street Light | R.3005



R.3005 integrated solar street lamp features:

The design of integrated solar street lights has a simple structure, convenient installation, and is safe and practical.
 Double sided solar panels can increase power generation by 15% to 20%.
 High light efficiency light source configuration, with the entire light output reaching the lighting level of a fast lane.
 Intelligent management can be carried out according to local specific conditions and customer requirements.
 Can continuously light up for 3-5 rainy days.
 Aluminum extruded body, adjustable installation connector.
 Suitable for roads, parking lots, squares etc.



Size	Power	Efficiency
830*400*223mm	40W	150lm/w~200lm/w
1080*400*223mm	60W	
1310*400*223mm	80W	

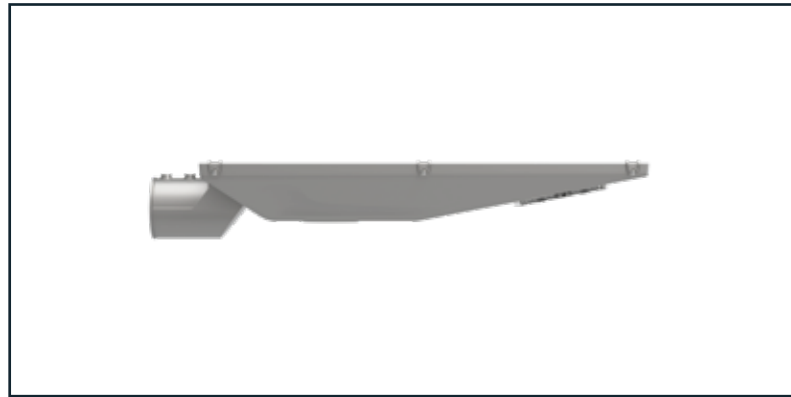
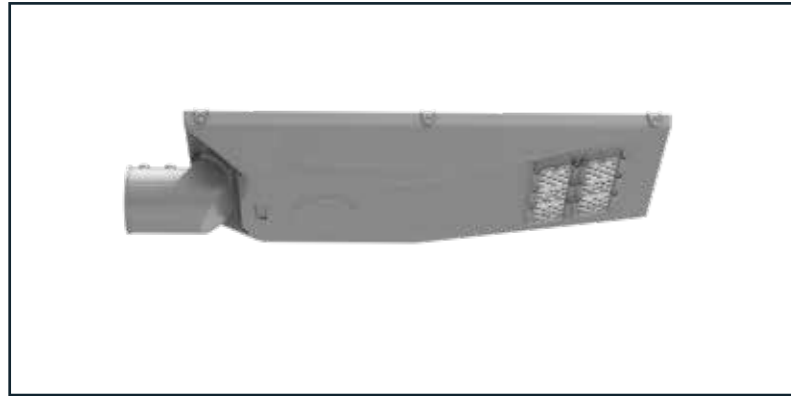
198

Smart Street Light | R.3005



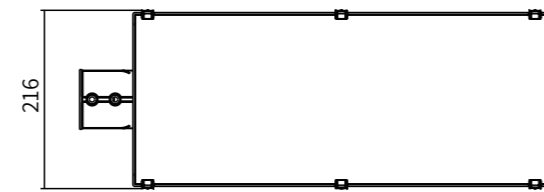
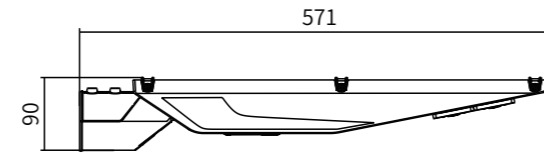
R.3006

Integrated solar street lamp



R.3006 integrated solar street lamp features:

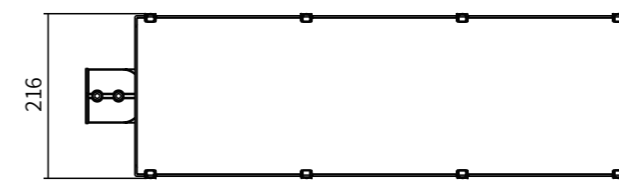
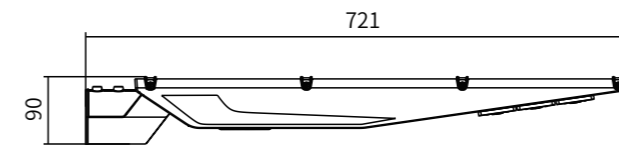
The design of integrated solar street lights has a simple structure, convenient installation, and is safe and practical. Intelligent management can be carried out according to local specific conditions and customer requirements. Can continuously light up for 3-5 rainy days. Aluminum alloy die-casting lamp body, adjustable installation connector. Suitable for villas, alleys etc.



Size	Power	Efficiency
571*216*90mm	20W	150lm/w~200lm/w

R.3007 integrated solar street lamp features:

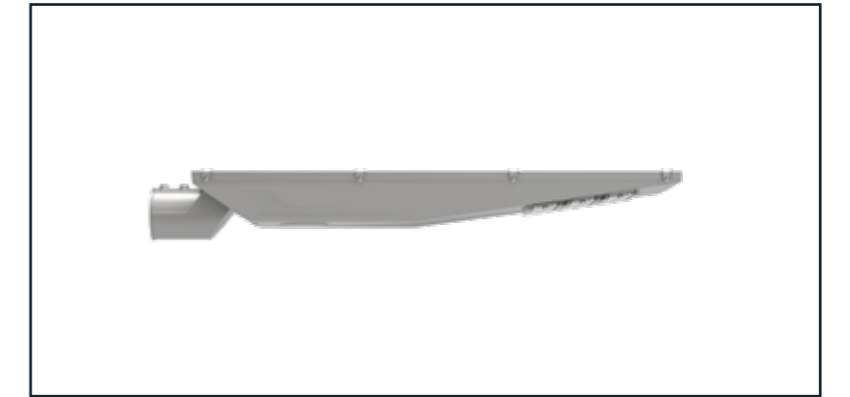
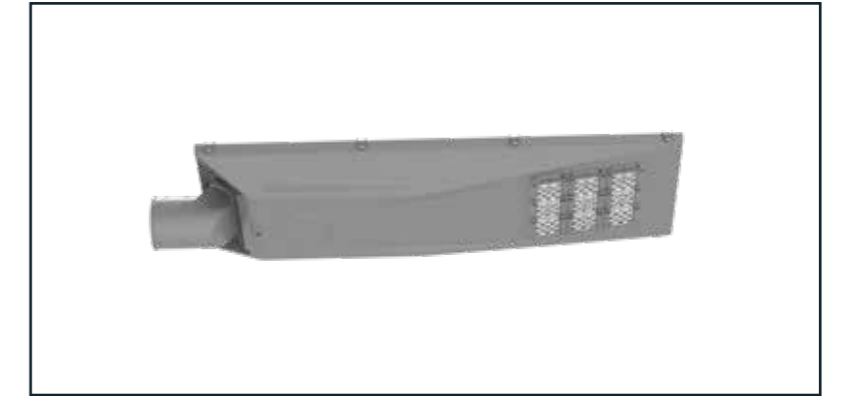
The design of integrated solar street lights has a simple structure, convenient installation, and is safe and practical. Intelligent management can be carried out according to local specific conditions and customer requirements. Can continuously light up for 3-5 rainy days. Aluminum alloy die-casting lamp body, adjustable installation connector. Suitable for villas, alleys etc.



Size	Power	Efficiency
721*216*90mm	30W	150lm/w~200lm/w

R.3007

Integrated solar street lamp



A total solution for tunnels

Green Lighting is your trusted partner

From brightness studies, commissioning and compliance testing, to design and configuration of luminaires and control systems, our technical team can provide you with a complete solution to your tunnel lighting challenges.

Green Lighting provides tunnel lighting solutions that ensure the safety of the area, optimize the project's operating costs, and provide efficient lighting performance.

Green Lighting can provide customers with integrated solutions including entrance and exit segments, transition segments and intermediate segments.

All fixed parts of LED lamps have anti-corrosion, impact resistance and other characteristics, can cope with the harsh environment in the tunnel.



SECURE

Efficient lighting provides the right amount of light at the right time and place for people to avoid obstacles, see each other or be seen by each other, which can prevent accidents and ease traffic for emergency services.



COMFORT

In the entrance section, the lighting brightness is adjusted according to the ambient light outside the tunnel, bringing visual comfort to the driver, and shortening the visual adaptation time required for the human eye to enter the artificial light area from the daylight area.

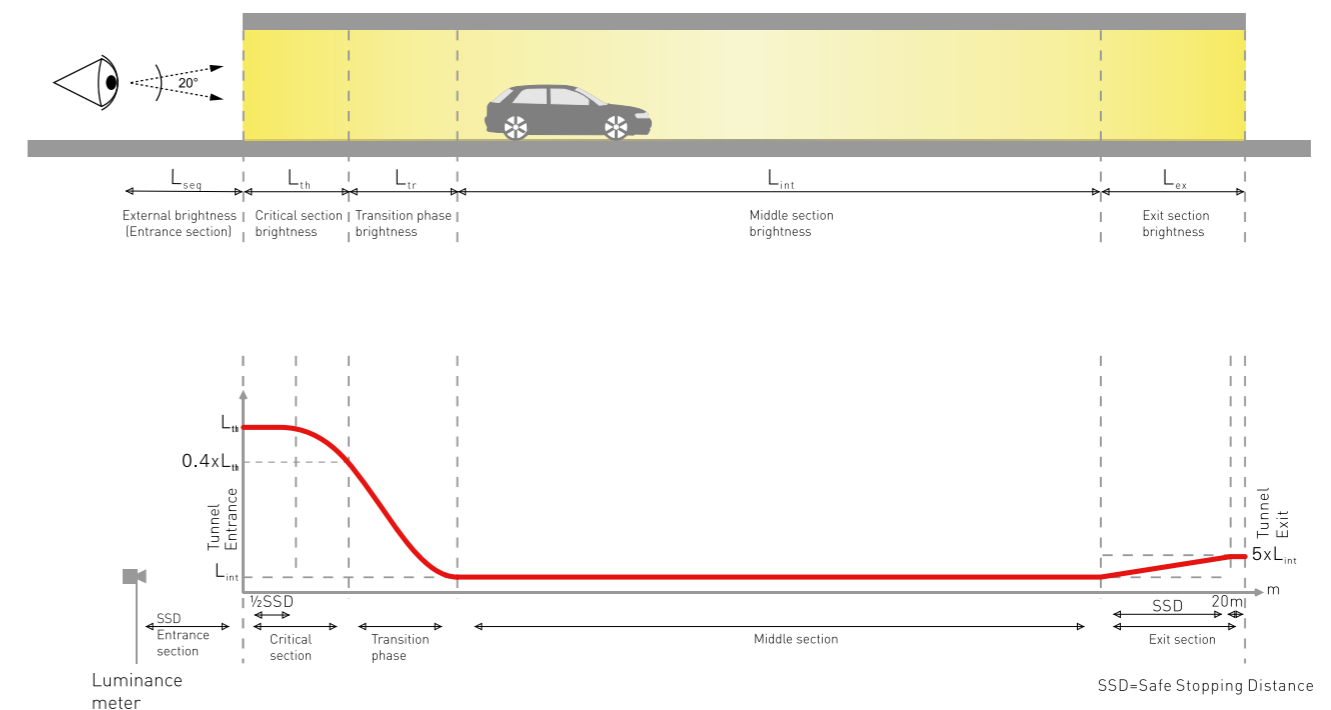


ENERGY SAVING AND ENVIRONMENTAL PROTECTION

The high-quality LED lamps and control system can dim the lights when the tunnel stops operating, the energy saving effect is very significant, and the CO₂ emission reduction effect is also very considerable.

A safe tunnel, first and foremost is a well lighting tunnel. Tunnel lighting, day and night, must ensure driver's visual perception by avoiding sudden changes in brightness when they enter and leave the tunnel.

At night, the brightness level in the tunnel should be constant and must equal to the brightness level on the road before entering the tunnel. During the daytime, due to the brightness level in external environment is high, the brightness level of tunnel entrance "Critical Section" must be increased to avoid reduction of visual perception caused by the black hole effect. After the "Critical Section" here is transition phase, the brightness level drops gradually. At the end of transition phase the brightness level reduces to the brightness value selected in middle section of the tunnel; in the exit section of the tunnel the brightness level must be increased to prevent the drivers from glare effect which caused by the external light.



Because of the efficient lighting in critical section of the tunnel, drivers can see the obstacles in the tunnel from outside. The transition phase follows the entrance section the brightness level gradually decrease in certain distance length determined by allowable speed limit. The principle obeys acceptable curve that the human eyes get used to gradual decreasing brightness and thus control the adaptation and time. Once here comes the transition phase, the adaptation phase problem will disappear. At the end of transition phase, the brightness will drop to the brightness value selected for the middle section in the tunnel. The exit section is not so critical to visual perception, so the brightness of exit section could let all drivers make preparations for entering external brightness range and seeing obstacles in exit section as well.

T.613&T.614 LED Tunnel Led

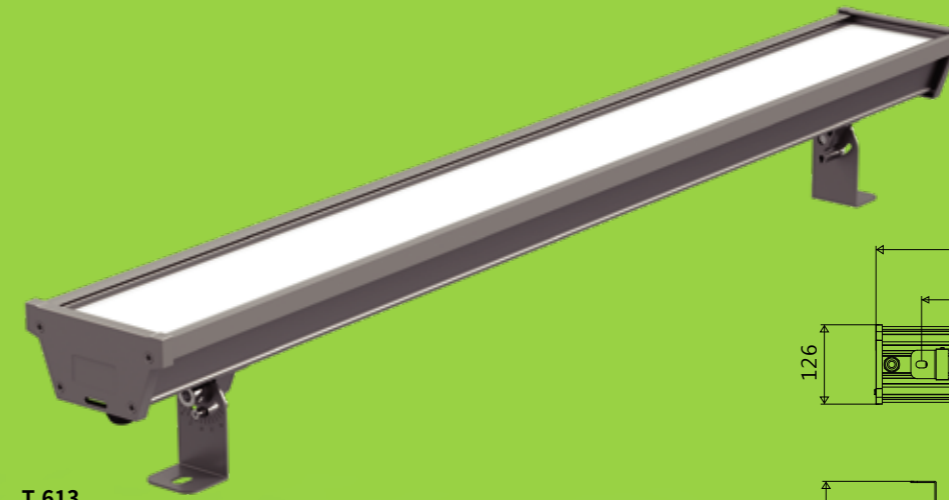
BOREAS T.61 series tunnel light has a linear appearance, simple and fashionable, and a beautiful shape. With different sizes, the output power could be from 25W to 240W; The main lamp body is made of high-strength aluminum profiles, with strong structure and impact resistance; Ultra white tempered glass transparent cover can effectively resist corrosion application environment caused by the automobile exhaust, and extend the lifespan of lamp; Brand LED chips and tunnel specific lenses can meet the lighting requirements of different tunnels. Professional designed heat dissipation components can ensure the lamp operate in an environment of max 50°C , greatly reducing the occurrence of early light decay; Professional designed optical components, high efficiency PET reflective, high-efficiency optical distribution board, ensuring efficient and high-quality light output effect; The continuous installation design creates a seamless, comfortable, brighter, and flicker free visual effect, making it the best option for both new tunnels and the one that needing replacement.



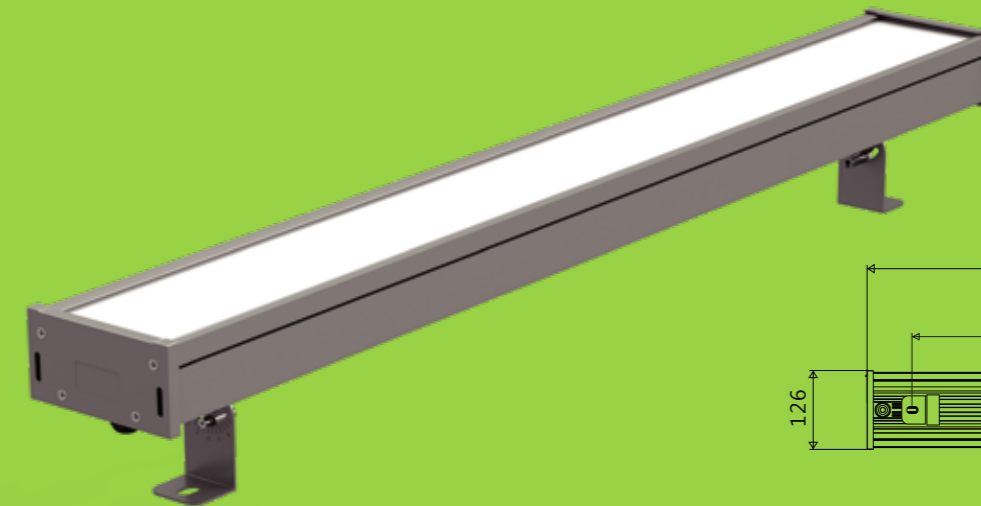
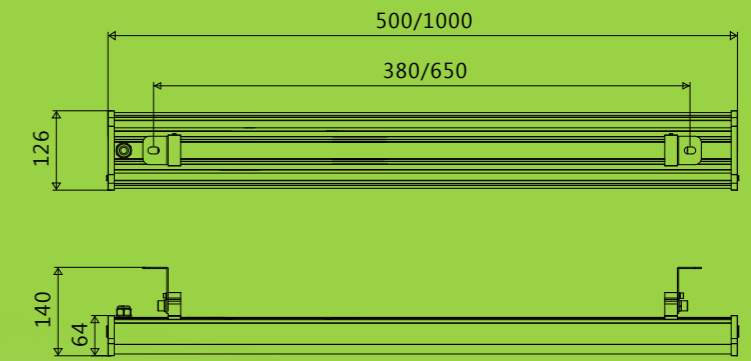
T.614



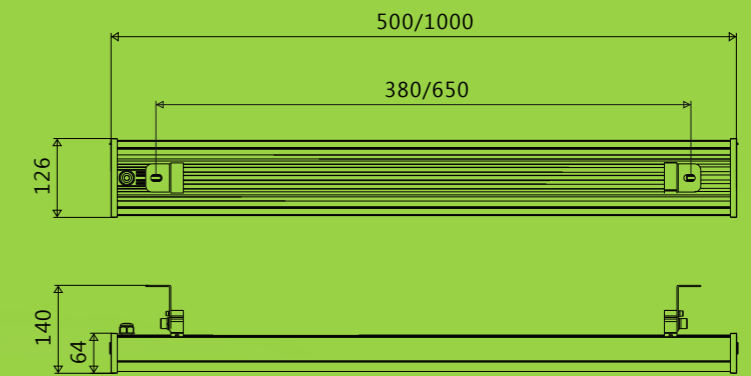
T.613



T.613
Power:20W~120W
Efficiency:100lm/w~135lm/w



T.614
Power:150W~240W
Efficiency:118lm/w~125lm/w



T.613 & T.614

Optical system

Special designed optical distribution board for tunnel lamps, with efficient transmittance, no glare, and uniform light output; The high transmittance ultra white tempered glass protective cover has a transmittance up to 92%, can effectively resist corrosion application environment caused by the automobile exhaust, and extend the lifespan of lamp.

Structural waterproof

The closed body structure can achieve IP66 without adding glue. Ensure that there is no IP failure caused by adhesive aging in the outdoor environment, effectively avoid the internal electronic components short circuits and other failure faults caused by water leakage.

Adjustable spacing

Butterfly shaped screws can adjust the installation spacing, flexible and convenient, suitable for installation in various environments.

Angle adjustment

After finished installation, there is no need to disassemble the lamp. Adjust the bracket can adjust the installation angle, which can rotate $\pm 60^\circ$. components short circuits and other failure faults caused by water leakage.

Cable gland

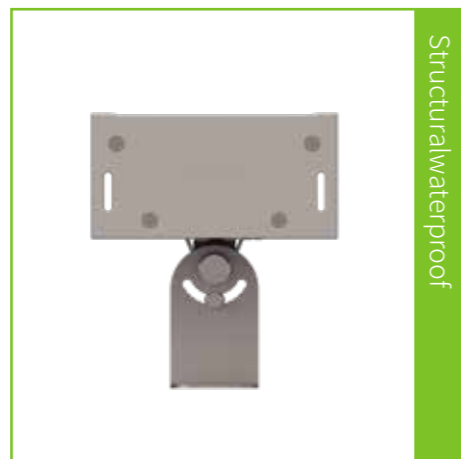
Cable gland effectively protects the sealing at the outlet of the lamp, prevents the IP failure caused by aging, effectively avoids the internal electronic components short circuit and other failure faults caused by water leakage.

Convenient maintenance

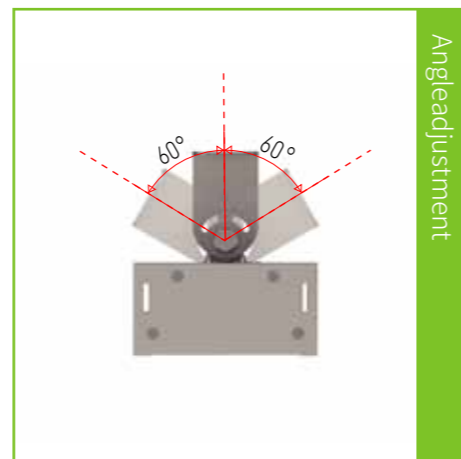
External IP66 waterproof driver, easy to maintain and can greatly reduce maintenance costs. components short circuits and other failure faults caused by water leakage.



Optical system



Structural waterproof



Angle adjustment



Adjustable spacing



Cable gland

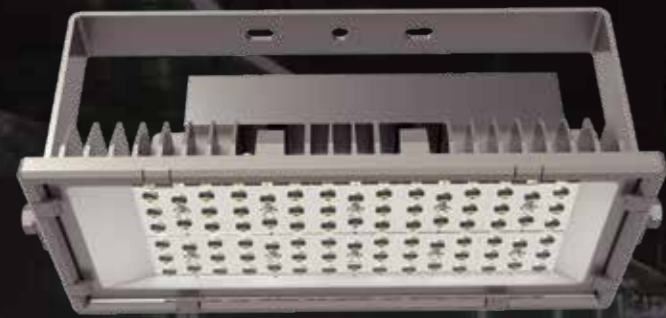


Convenient maintenance

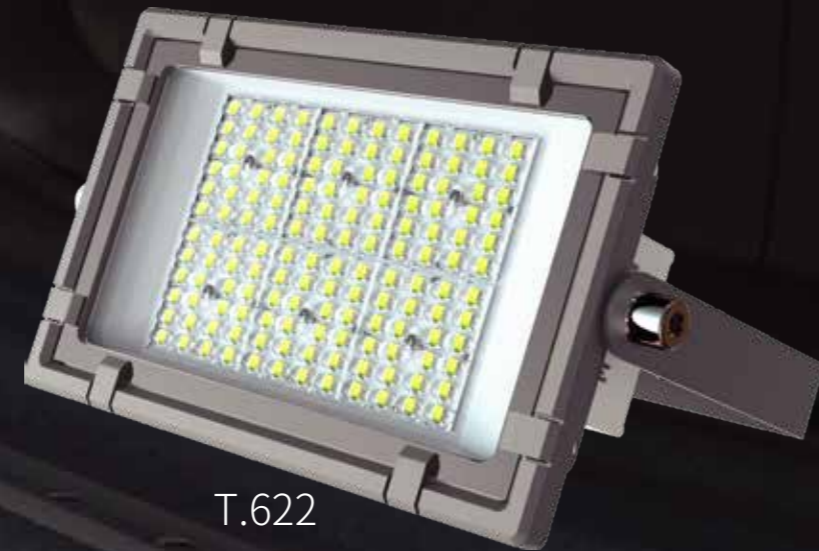
T.62X Series

LED Tunnel Led

T.62 series has four different sizes can choose. The entire lamp body is completed by integrated aluminum die-casting, with light source and power supply dual cavity, reduce the heat formation that overlaps with each other, which causing chip premature failure due to excessive temperature. Tempered glass for smooth surface protection, reducing environmental damage to optical and electronic components, effectively extending product lifespan. Waterproof level can reach IP66.



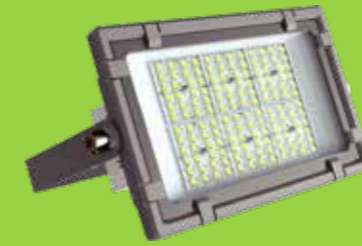
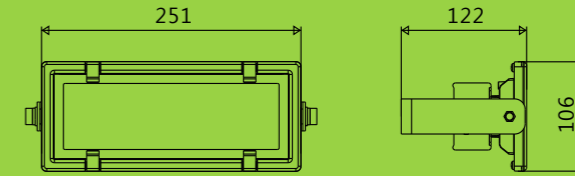
T.623



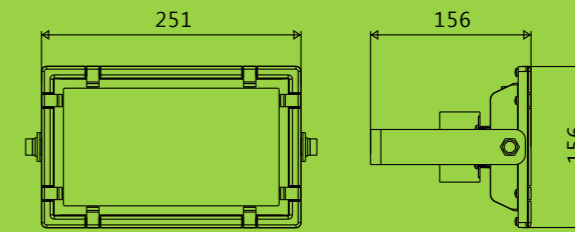
T.622



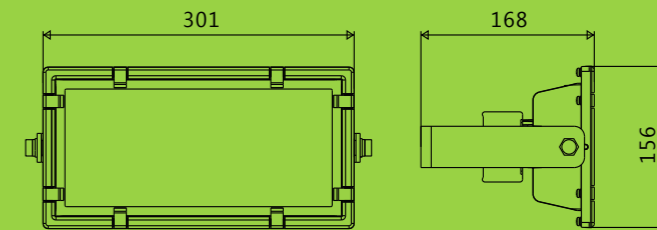
T.621
Power:20W~60W
Efficiency:120lm/w~180lm/w



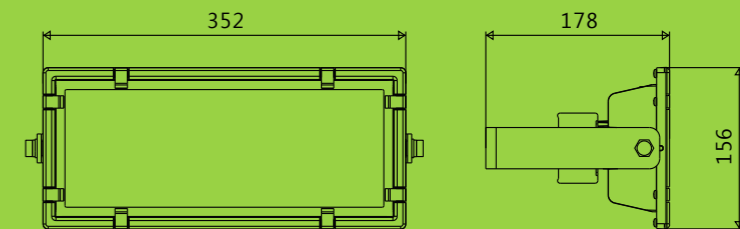
T.622
Power:75W~120W
Efficiency:120lm/w~180lm/w



T.623
Power:100W~150W
Efficiency:120lm/w~180lm/w



T.624
Power:180W~240W
Efficiency:120lm/w~180lm/w



T.62X Series

Reliable performance

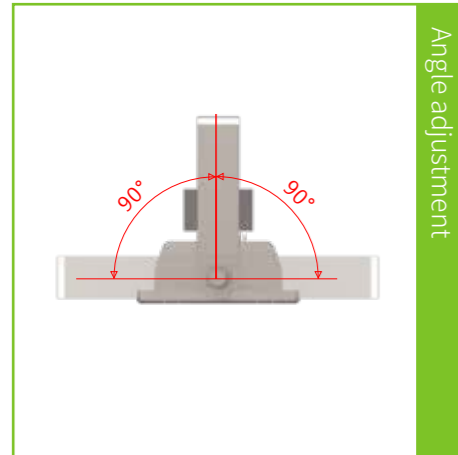
The integrated die-casting body structure, the overall sealing design, the whole body IP66 is conducive to the protection of optical devices and light sources, to avoid the harm caused by moisture. The tempered glass protection surface avoids the pollution of optical devices by automobiles and prolongs the service life of chips and lenses.

Combined construction

According to the power requirements of the use of the occasion, it can be freely and flexibly combined, and the shape is consistent.

More energy efficient

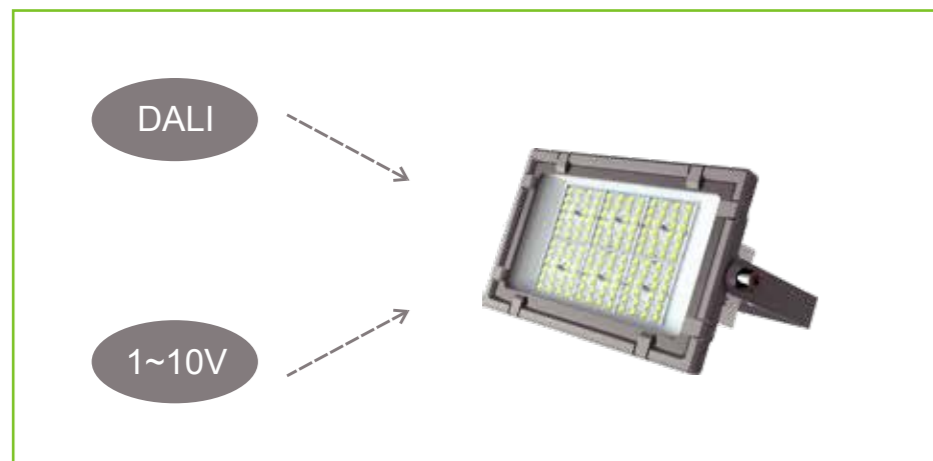
The polymer reflective film material is added in the optical cavity, which can reuse the light that partially escapes from the light source and increase the light output by 2-3%



Angle adjustment



Reliable performance



Multi-function selection

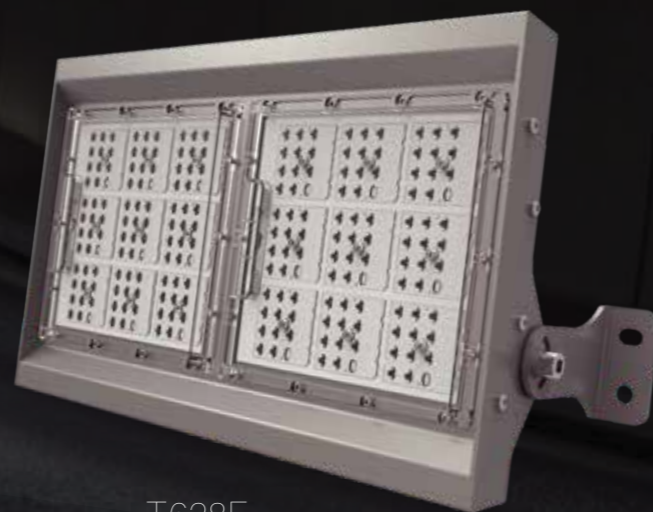


T.628 LED Tunnel Light

- T.628 is high cost performance tunnel lighting product, suitable for freeway tunnels and urban tunnels lighting products.
- Aluminum alloy body, PC high-performance optical surface protection, the whole body waterproof level IP66, can effectively resist the tunnel due to the absorption of automobile exhaust in the optical device caused by corrosion and reduce the impact of light output, easy to wash.
- Optional dimming controller, DC power supply PLC dimming system, convenient tunnel lighting can only be monitored and managed

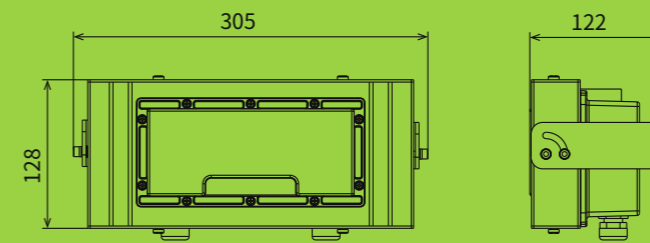


T.628F

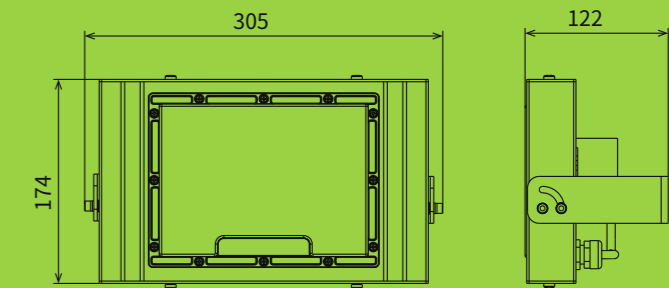


T.628F

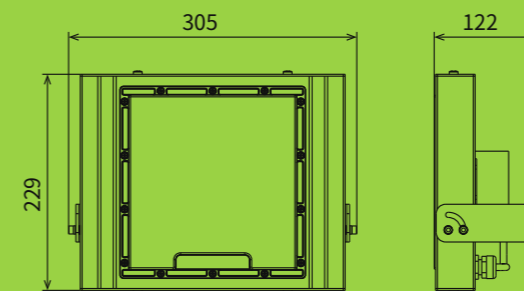
T.628A
Power: 20W-40W
Efficiency: 120lm/w~180lm/w



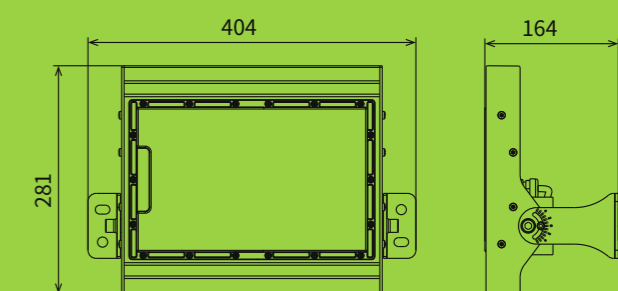
T.628B
Power: 50W-70W
Efficiency: 120lm/w~180lm/w



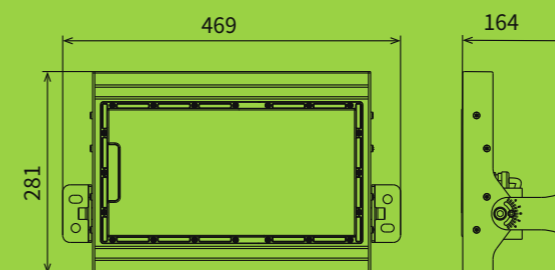
T.628C
Power: 80W-100W
Efficiency: 120lm/w~180lm/w



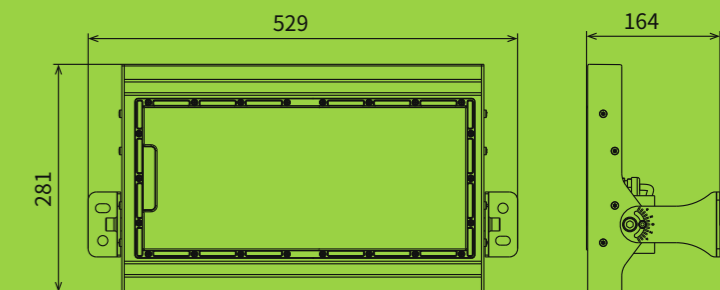
T.628D
Power: 125W-140W
Efficiency: 120lm/w~180lm/w



T.628E
Power: 150W-170W
Efficiency: 120lm/w~180lm/w



T.628F
Power: 180W-240W
Efficiency: 120lm/w~180lm/w



单位:mm

F.39X series/F.36X series LED Flood Light

- F.39X series Flood Light, which adopts new concept design and hidden screw design.
- Surface is concise, clean and simple that brings new visual impact to users;
- Integrated dual-cavity design for both power supply and light source components are not only for easy to replace but also the heat inside will not interfere each other, meanwhile, so the sealing performance is, which can prolong the lifespan;
- The wide open thermal structure design has significant heat dissipation effect and the fish-fin design framework will prevent the dust, leaves and rainwater accumulating, furthermore, the rainwater can be drained from any direction smoothly;



F.391

F.394
+Half circle hood

HEBE

GREEN®

- NIREUS F.36X series floodlight has three specifications: F.365, F.366, F.367, maximum power up to 420W, Flood Light adopts integrated die-casting structure design, which can effectively protect both optical and electrical components, prolong the lamp lifetime and improve the waterproof performance;
- The back streamline design is conducive to air convection, reduce wind resistance, and facilitate heat dissipation
- The special spraying process on the surface of the lamp body can effectively resist ultraviolet light and harsh environment corrosion, and is an excellent outdoor lighting product



F.367

NIREUS

GREEN®

LED Flood Light

215

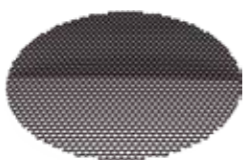
Flood Light | F.39X



HEBE



Optional accessories



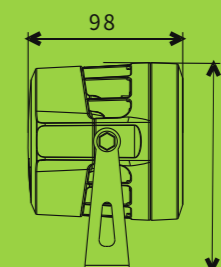
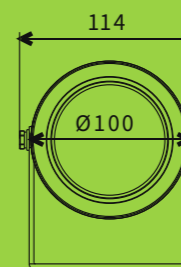
Honeycomb hood



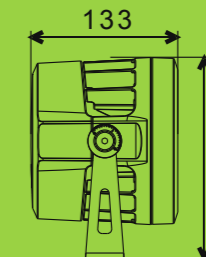
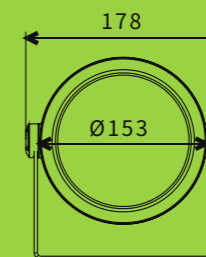
Half circle hood



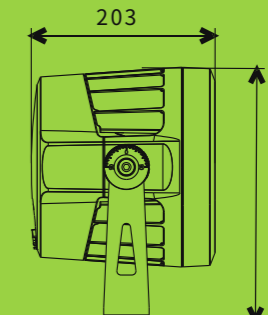
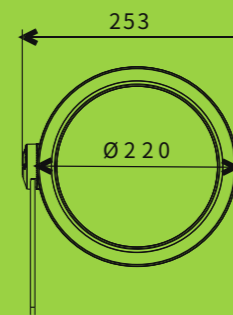
F.391
Power:12W~24W
Efficiency:90lm/w~130lm/w



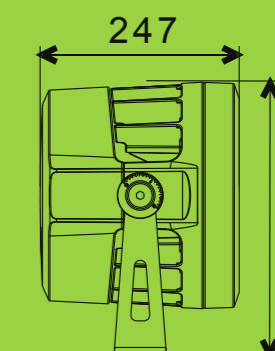
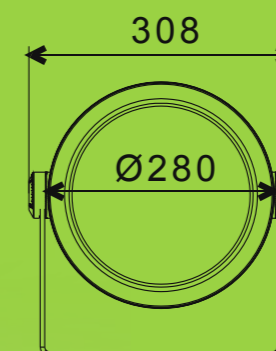
F.392
Power:15W~48W
Efficiency:90lm/w~130lm/w



F.393
Power:40W~80W
Efficiency:90lm/w~130lm/w



F.394
Power:68W~180W
Efficiency:90lm/w~130lm/w



※Optional configuration:

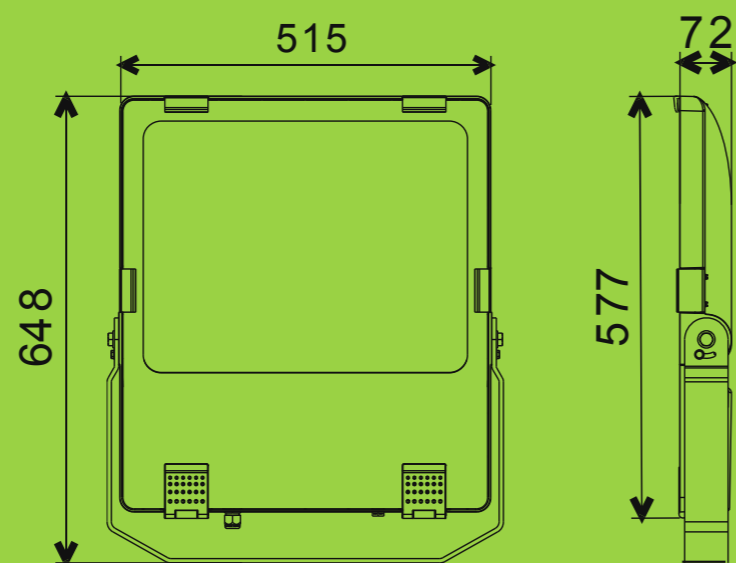
single color no dimming single color dimming RGBW dimming Beam Angle3.5°/6.5°/15°/25°/40°/60°
Anti-glare honeycomb Anti-glare cover

216

投光灯 | Flood Light | F.39X



F.367
Power: 220W~420W
Efficiency: 90lm/w~180lm/w



※Optional configuration:
single color no dimming single color dimming RGBW dimming General lighting: spot/flood
Special lighting: Low glare light distribution for intersection



F.37X LED Flood Light

F.378, F.379, the entire lamp body is completed by integrated aluminum die-casting, with light source and power supply dual cavity, reduces the heat formation that overlaps with each other, which causing chip premature failure due to excessive temperature. Tempered glass for smooth surface protection, reducing environmental damage to optical and electronic components, effectively extending product lifespan. Body surface is smooth and clean, no protruding heat ribs or columns and concave structures, with self-cleaning function to avoid long term use of leaf stacking and other conditions which cause poor heat dissipation of lamp, resulting in product failure.



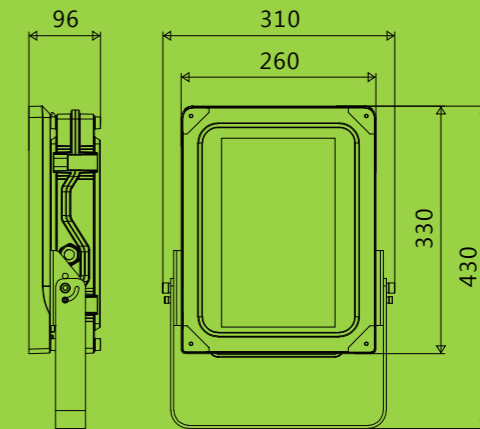
F.378



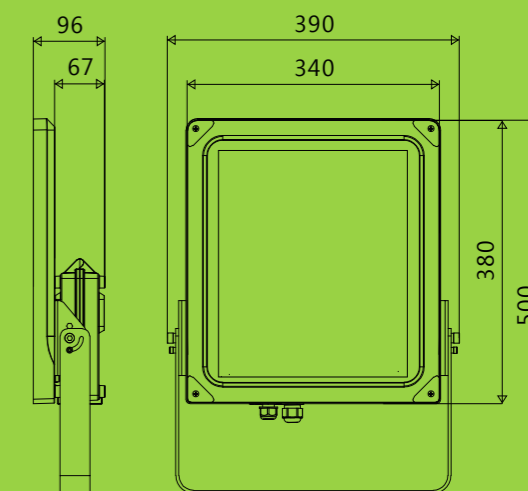
F.379



F.378
Power:90W~160W
Efficiency:120lm/w~180lm/w



F.379
Power:180W~300W
Efficiency:120lm/w~180lm/w



F.378、F.379 LED Flood Light

Reliable performance

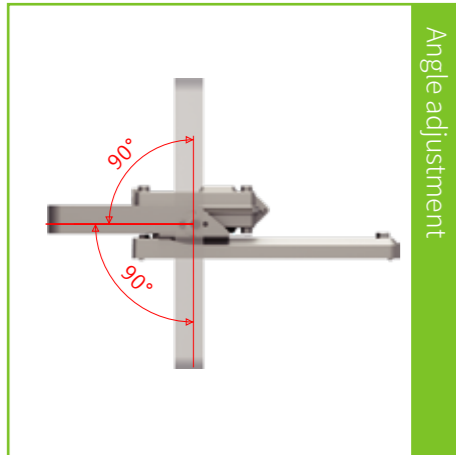
The integrated die-casting body structure, the overall sealing design, the whole body IP66 is conducive to the protection of optical devices and light sources, to avoid the harm caused by moisture. The tempered glass protection surface avoids the pollution of optical devices by automobiles and prolongs the service life of chips and lenses.

Combined construction

According to the power requirements of the use of the occasion, it can be freely and flexibly combined, and the shape is consistent.

More energy efficient

The polymer reflective film material is added in the optical cavity, which can reuse the light that partially escapes from the light source and increase the light output by 2-3%.



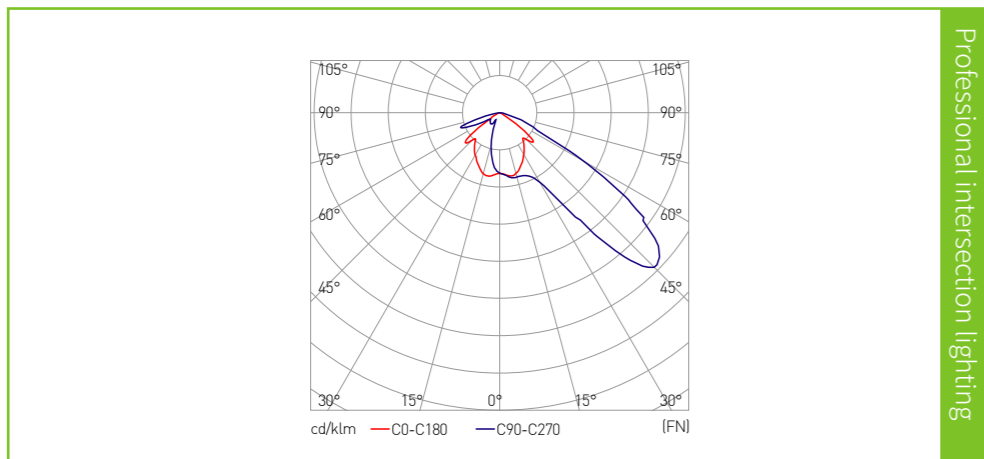
Angle adjustment



Reliable performance



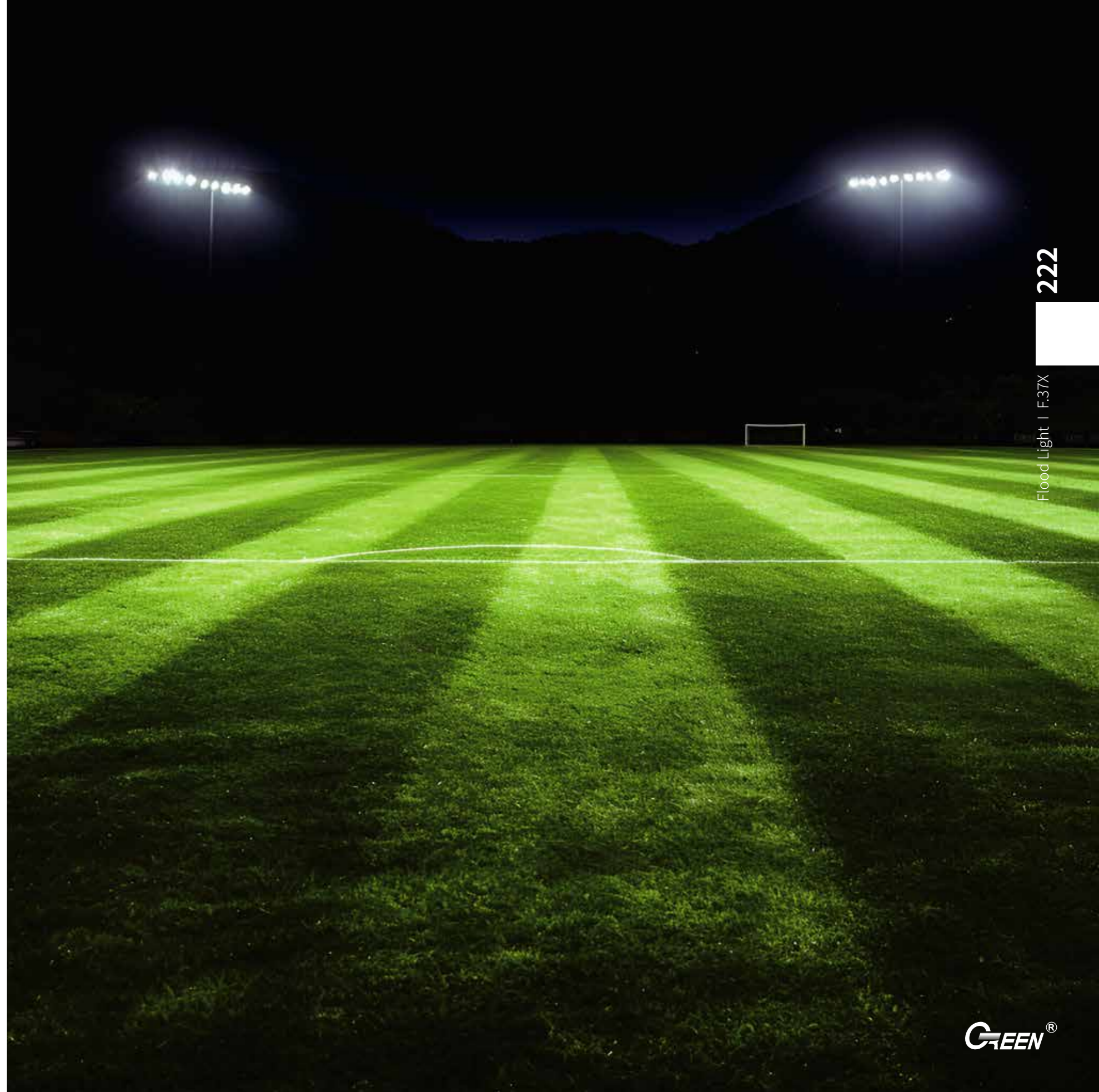
Unaided operation without tools



Professional intersection lighting



Falling prevention safety rope



F.38X LED Flood Light

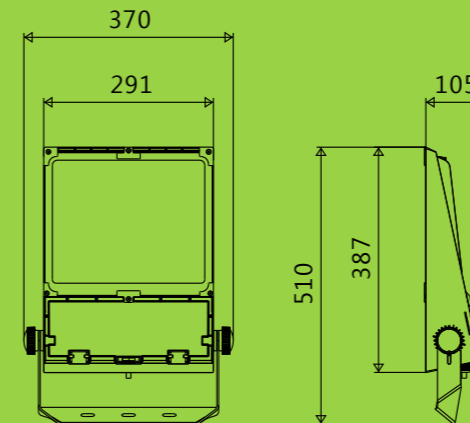
F.38 series, the entire lamp body is completed by integrated aluminum die-casting, with light source and power supply dual cavity, reduces the heat formation that overlaps with each other, which causing chip premature failure due to excessive temperature. Tempered glass for smooth surface protection, reducing environmental damage to optical and electronic components, effectively extending product lifespan.



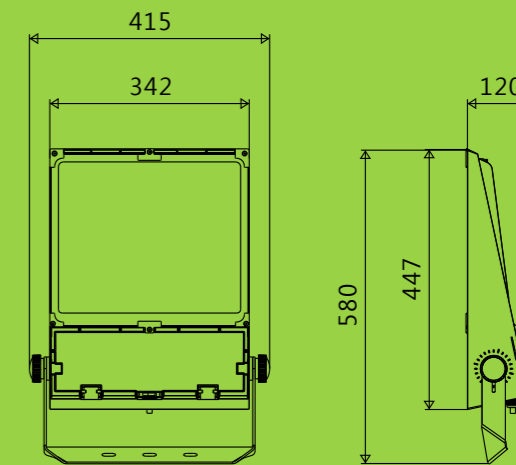
F.384



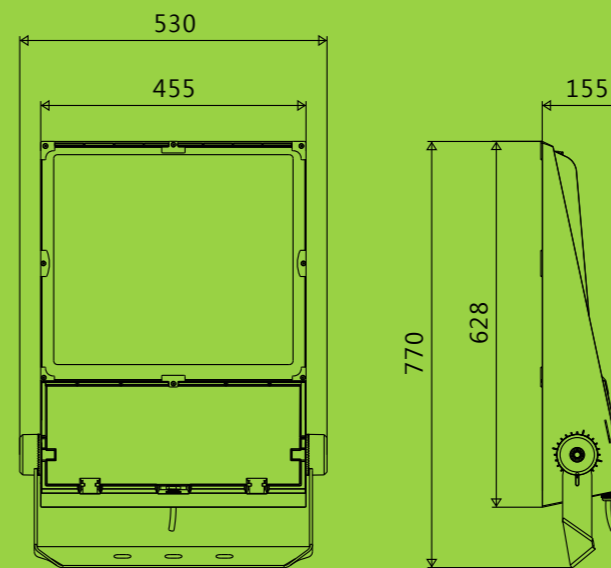
F.386



F.384
Power:150W~250W
Efficiency:120lm/w~180lm/w



F.385
Power:250W~300W
Efficiency:120lm/w~180lm/w



F.386
Power:325W~500W
Efficiency:120lm/w~180lm/w

F.38 Series LED Flood Light



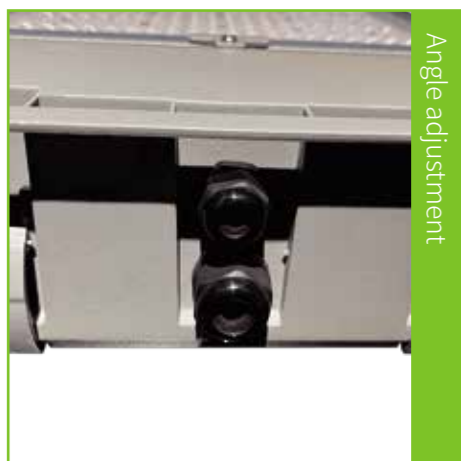
Precise Angle adjustment



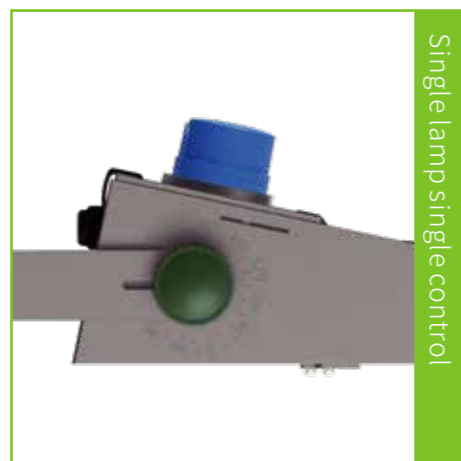
Tempered glass surface protection



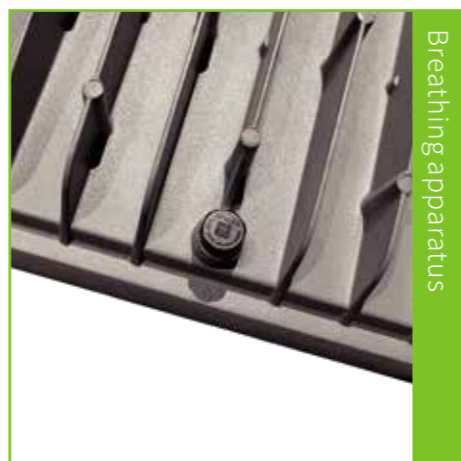
Unaided operation without tools



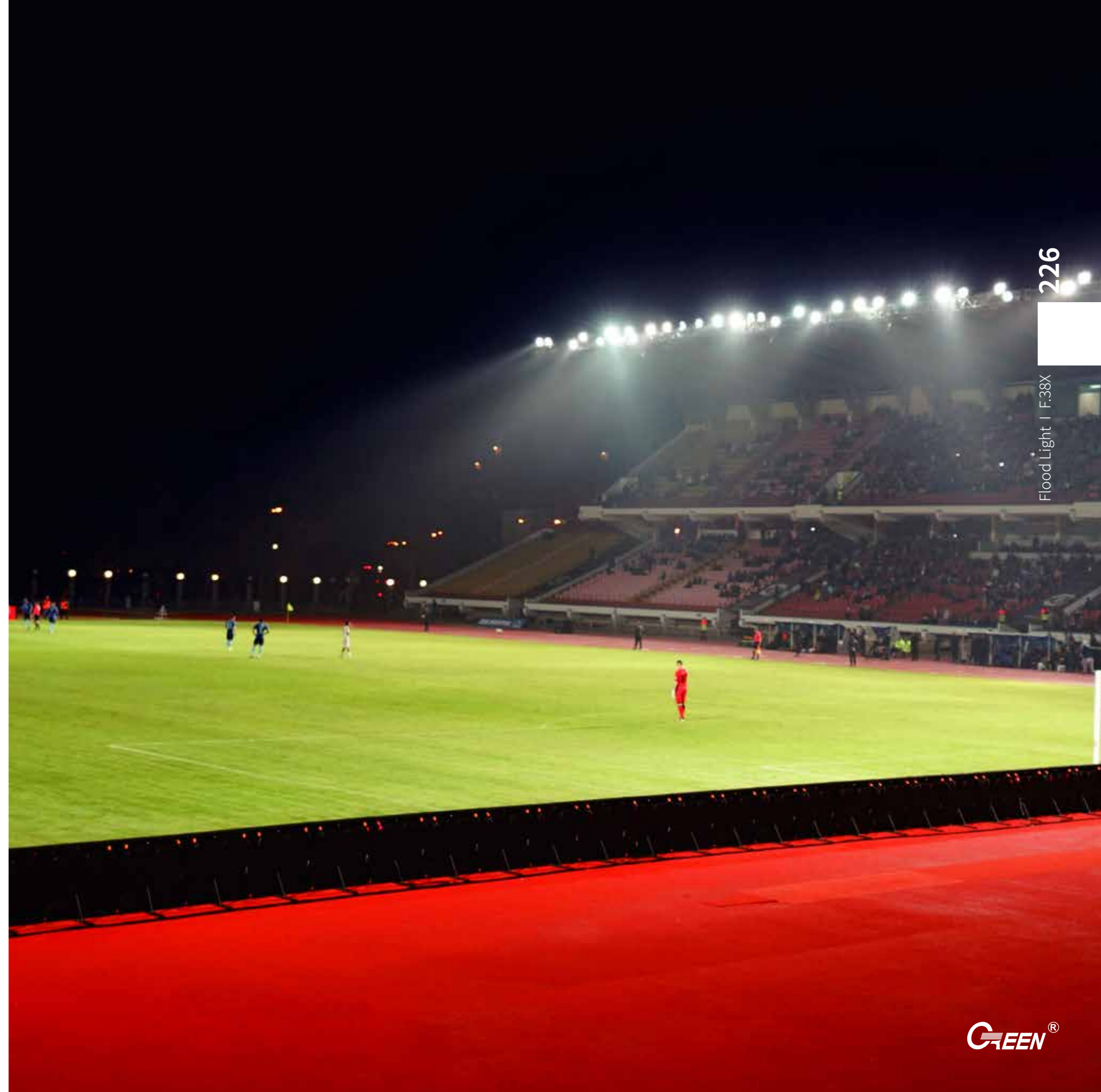
Angle adjustment



Single lamp single control



Breathing apparatus



I.89Series/I.821/I.218/I.901 LED Underground Lamp

- RHEA I.89 and other series of underground lamps, simple appearance, fashion, widely used in green belt, parks, lawns, courtyards, squares and other landscape lighting places.
- Hidden screw design, the whole surface is clean.
- The integrated double cavity sealing structure makes the heat of the source of the power source do not interfere with each other, and the open heat structure has remarkable heat dissipation effect.
- After the installation of the luminaire is completed, there is no need to disassemble the luminaire, and the purpose of rotating the luminaire can be achieved by adjusting the dial of the external support.



I.89 Series

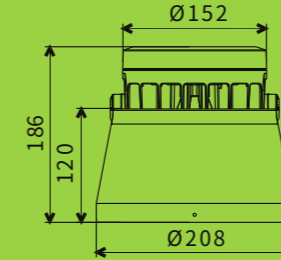


I.901

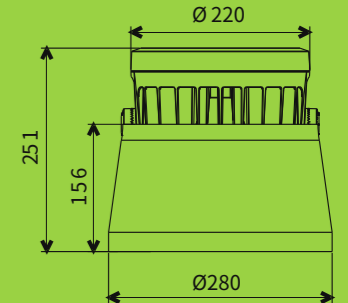
RHEA



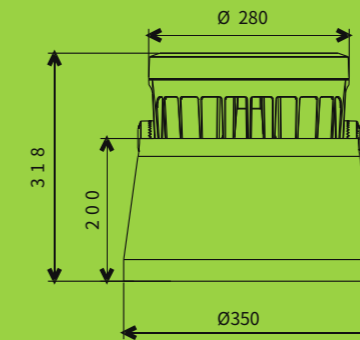
I.892
12W~36W



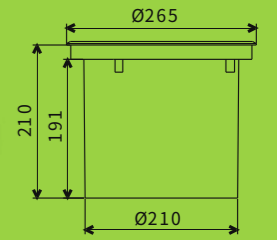
I.893
45W~68W



I.894
68W~120W



I.901
18W~36W



※Optional configuration:
single color no dimming single color dimming RGBW dimming Beam Angle 3.5°/6.5°/15°/25°/40°/60°
Anti-glare honeycomb Anti-glare cover

