KINGSUN

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LED
OUTDOOR LIGHTING

Profile

KINGSUN, established in 1994, publicly listed in 2011 (Stock Code: 002638), a National High-tech, ISO 9001, ISO 14001, ISO 27001 and ISO 45001 certified enterprise, a long-held professional industry-leading LED Lighting researcher, developer and manufacturer. In partnership with world-renowned institutions on basic research, our in-house R&D teams up with the expert talent pools of our post-doctoral station, relying on our KSMART Institute and CNAS Labs, to push boundaries on applied development in the industry leading-edge LED Roadway, Industrial, Sports, Commercial, Intelligent Lighting and Smart City Solutions.

Based on our 300,000 m2 of assembly and testing facility of the manufacturing base in Dongguan, the Capital of Made in China, under our global-advanced fabrication and world-class quality control system. We, in parallel,

offer our trusted KINGSUN-branded, energy efficiency project-based services to Regional ESCOs, Multinational Utilities, and Local Municipalities, together with OEM/ODM Services to the household names of Walmart, Home Depot, Lowe's and more top industry brands throughout the United States, Canada, Mexico, Colombia, Chile and other 100 more countries of over a record 4,000,000 light points so far.

We sincerely hope to work with you on LED Roadway, Industrial, Sports, and Commercial Lighting projects and tailor-made contract manufacturing services to raise more Brighter, Greener and Safer communities and fulfill your commitment to Net-zero earlier.

Let's make it happen.

KING MOMENTS

Milestones

Year	Milestone
2022	Exceeded 3,000,000 units Luminaries Installed Overseas
2017	Became Global Top 10 LED Street Lighting Player
2016	Launched Smart LED Lightings
2015	A Comprehensive LED Lighting Solution Provider
2011	Listed in China Stock Exchange
2007	Mass Production of High Power LED Lighting Products
2004	Developed High Power LED Lightings
1998	Developed Low Power LED Lightings
1994	Company Established

Highlights

19 years experience in high power LED lighting application

25 years experience in LED lighting R&D and exploration

**429** authorized patents, **76** invention patents in particular

Asia biggest SSL lighting R&D and production base with **300,000 Sq.M**

More than **3 Million** LED street lights installed all over the world

Contents

Tunnel Lighting

Sports & Stadium Lighting

Solar Lighting

Street & Area Lighting

Marine Lighting

Warehouse Lighting

Food Processing Lighting

LandScape Lighting

Post-Top Lighting
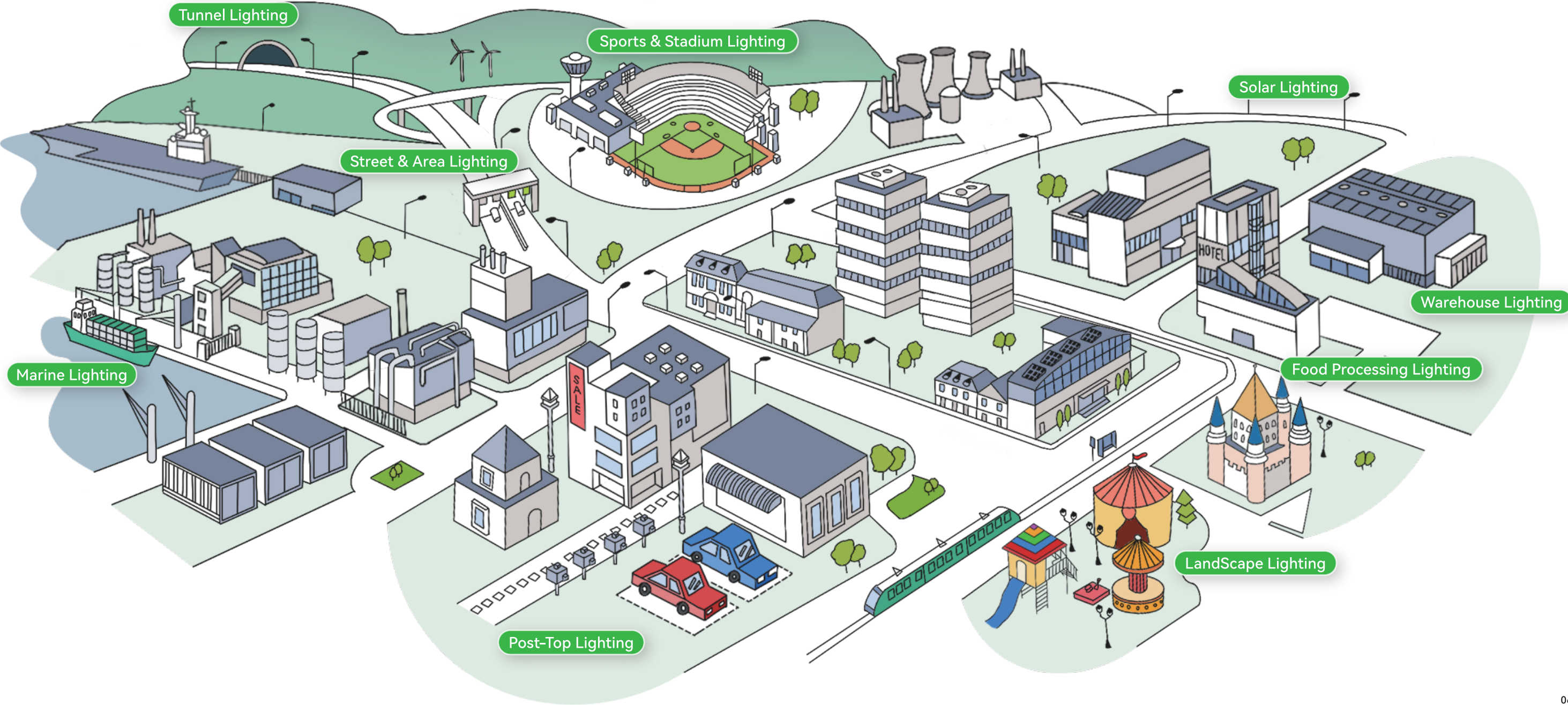
Street & Area Lighting

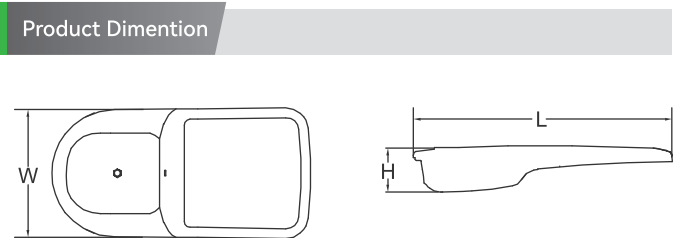# Agola Street Light

▶ Description

AGOLA, applies to an upward tendency, a smooth die-cast aluminum housing, IK09 tempered glass cover, and a tool-less/free accessing driver chamber. Utilizes cutting-edge LED Light sources and matches a wide range of in-house designed optic lenses. In addition, its Post-top/Side-entry, NEMA/ZHAGA Smart City-ready socket options make it suit almost all roadway lighting worldwide.

- Tempered Glass Cover
- NEMA Socket Available
- Tools Free
- Lumen Efficiency>150lm/W
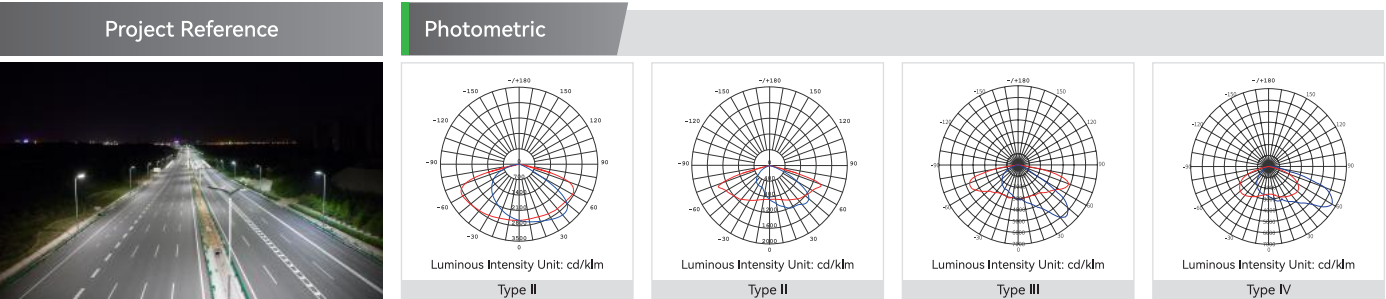- Type II or III or IV light distribution
- Protection IP66/IK09

Optical Specs

LED Light Source	5050 (Lumileds / Cree / Osram / Lightning)
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type II / Type III / Type IV

Electrical Specs

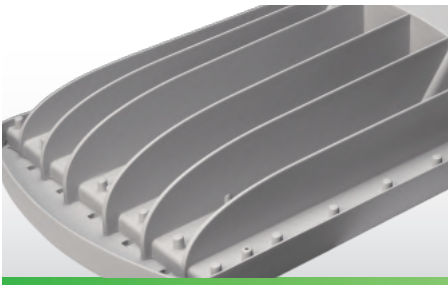|	
Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	10KV (20KV optional)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable / NEMA / ZHAGA
Insulation	Class I / Class II options

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP66 / IK09
Opening Driver Chamber	Tool-free
Safety Feature	Lift-off head, With automatic electrical disconnector
L80 Hours @ 25℃	>93,000 hours
Installation	Side entry or post top with tilt angle -15°~+15° (in steps of 5°)

Product Dimention

CE CB TM-21 LM-79

Product	Model Number	Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Agola S	RL455020	20	18	3,000	4.70	L540 x W210 x H109
	RL455030	30	24	4,500		
	RL455040	40	30	6,000		
	RL455050	50	36	7,500		
	RL455060	60	36	9,000		
Agola M	RL455075	75	48	11,250	6.70	L625 x W286 x H102
	RL455090	90	54	13,500		
	RL455100	100	60	15,000		
Agola L	RL455120	120	72	18,000	7.90	L726 x W286 x H102
	RL455130	130	78	19,500		
	RL455150	150	90	22,500		
	RL455180	180	108	27,000		
	RL455210	210	126	31,500		
Agola XL	RL455240	240	144	36,000	10.50	L871 x W340 x H113
	RL455260	260	156	39,000		
	RL455280	280	168	42,000		

Project Reference

Photometric

Luminous Intensity Unit: cd/klm — Type II

Luminous Intensity Unit: cd/klm — Type II

Luminous Intensity Unit: cd/klm — Type III

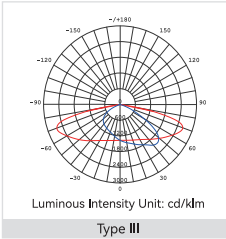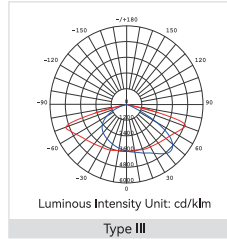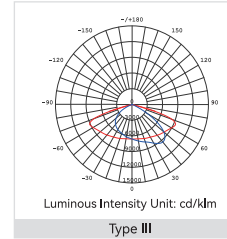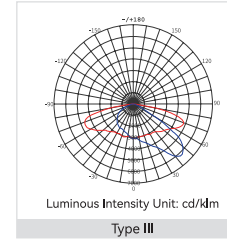Luminous Intensity Unit: cd/klm — Type IV
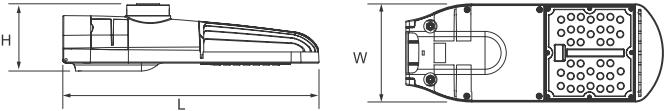
Pallas Street Light

▶ Description

PALLAS, represents our most successful budget street lighting designs. Utilizes an integral die-cast housing, realizes better heat dissipation, lighter weight and lower body cost. As a result, we budgeted the cost but did not cheap the design. Still, the whole PALLAS series, with a smart-ready optional NEMA/ZHAGA receptacle, stands by for future smart city applications like other Kingsun premium ones.

- PC Lens Cover
- NEMA Socket Available
- Tools Free
- Lumen Efficiency>160lm/W
- Type II or III light distribution
- IP/IK Protection IP66/IK09

Optical Specs

LED Light Source	5050 (Lumileds / Osram / Lightning)
LED Color Temperature	4000K (Options: 5000K and 3000K)
Color Rendering Index	Ra>70 (80 Optional)
Light Distribution & LENS Kit	Type II / Type III

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	10KV (20KV optional)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable / NEMA socket / NEMA / ZHAGA
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP66 / IK10
Opening Driver Chamber	Tool-free
L80 Hours @ 25℃	>93,000 hours
Installation	Side entry with tilt angle -5º 0º 5º 10º

Product Dimention

CE CB RoHS NOM TM-21 LM-79

Product	Model Number	Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Pallas 1	RL031020	20	16	3,200	3.20	L391 x W147 x H84
	RL031030	30	20	4,800		
	RL031040	40	20	6,400		
	RL031050	50	20	8,000		
	RL031060	60	28	9,600		
Pallas 1S	RL041060	60	28	9,600	3.80	L470 x W210 x H115
	RL041070	70	36	11,200		
	RL041080	80	36	12,800		
	RL041090	90	40	14,400		
	RL041100	100	52	16,000		
	RL041110	110	52	17,600		
	RL041120	120	52	19,200		
	RL041130	130	52	20,800		
Pallas 2	RL051130	130	56	20,800	4.70	L530 x W210 x H112
	RL051140	140	56	22,400		
	RL051150	150	64	24,000		
Pallas 3	RL071150	150	64	24,000	6.50	L640 x W290 x H120
	RL071080	180	80	28,800		
	RL071210	210	88	33,600		
	RL071240	240	104	38,400		

Project Reference

Photometric

Luminous Intensity Unit: cd/klm
Type III

Luminous Intensity Unit: cd/klm
Type III

Luminous Intensity Unit: cd/klm
Type III

Luminous Intensity Unit: cd/klm
Type III

Athena Street Light

Description

ATHENA, a multi-functional series, features with and without tempered glass options and suits diversified project requirements. Available in 3 sizes, which cover from 20W to 200W, with up from 150lm/W (Tempered Glass version) to 160lm/W efficacy, helping you to save significant power with less wattage consumption. Plus, a reserved 5/7-pin NEMA socket for a future smart city to help you save even more.
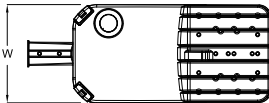
Tempered Glass or PC Lens Cover

NEMA Socket Available

Tools Free

Lumen Efficiency>160lm/W

Type II or III light distribution

IP/IK — Protection IP66/IK09

Optical Specs

LED Light Source	5050 (Lumileds / Osram / Lightning)
LED Color Temperature	4000K (Options: 5000K and 3000K)
Color Rendering Index	Ra>70 (80 Optional)
Light Distribution & LENS Kit	Type II / Type III

Electrical Specs

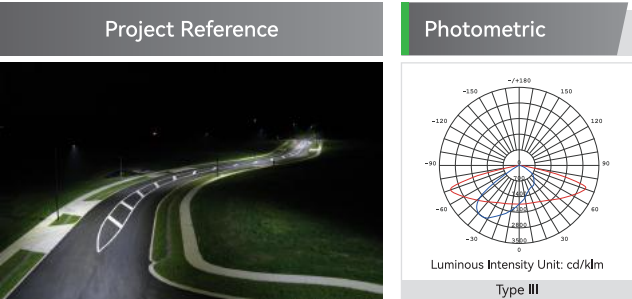|	
Input	100-220-240-365V 50/60Hz
Power Factor	>0.95
Surge Protection	10KV (20KV optional)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1-10V / DALI / Programmable / NEMA socket / NEMA / ZHAGA
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP66 / IK09
Opening Driver Chamber	Tool-free
Safety Feature	Lift-off head, With automatic electrical disconnector
L80 Hours @ 25℃	>93,000 hours
Installation	Side entry or post top with tilt angle -15º~+15º (in steps of 5º)

Product Dimention

CE CB RoHS TM-21 LM-79

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Athena PC Lens Cover	RL1510261	60	26	9,600	4.40	L610 x W248 x H105
	RL151036	75	36	12,000		
	RL151040	95	40	15,200		
	RL151052	120	52	19,200		
Athena Tempered Glass Cover	RL151024B	60	24	9,000	5.20	L610 x W248 x H105
	RL151032B	75	32	11,250		
	RL151040B	95	40	14,250		
	RL151052B	120	52	18,000		

Project Reference

Photometric

Luminous Intensity Unit: cd/klm
Type III

Apollo Street Light

Optical Specs

LED Light Source	5050 (Lumileds / Osram / Lightning)
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type I / Type II / Type III

Electrical Specs

Input	100–220–240–365V 50/60Hz
Power Factor	>0.95
Surge Protection	10KV (20KV optional)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1–10V / DALI / Programmable / NEMA socket / NEMA / ZHAGA
Insulation	Class I

Other Specs

Operating Temperature & Humidity	–40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP66 / IK10
Opening Driver Chamber	Tool–free
L80 Hours @ 25℃	>93,000 hours
Installation	Side entry or post top with tilt angle –15º～+30º (in steps of 5º) or 90º

Product Dimention

W

L

H

CE CB ROHS RoHS UL LISTED DLC TM-21 LM-79

| Product	Model Number	Nominal Power (W)	# of Modules	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Apollo Premium 16 pcs LEDs per module	RL2R3001	35	1	5,250	7.10	L502 x W346 x H102
	RL2R3002	70	2	10,500	8.10	L564 x W 346 x H102
	RL2R3003	105	3	15,750	8.70	L626 x W346 x H102
	RL2R3004	140	4	21,000	9.50	L688 x W346 x H102
	RL2R3005	175	5	26,250	10.10	L750 x W346 x H102
	RL2R3006	210	6	31,500	11.80	L812 x W346 x H102
	RL2R3007	245	7	36,750	12.60	L874 x W346 x H102
	RL2R3008	280	8	42,000	13.20	L936 x W346 x H102

▶ Description

As one of the earliest modular-design, bar-shaped modularized LED Street Lights, KINGSUN APOLLO is a real innovative pioneer in the industry. The single series has a record sale of one million points accumulated. And we never stopped upgrading with the latest Light Sources, the most needed Lenses, and the best effective Drivers to ensure it always has the edge to stay in the industry's frontier.
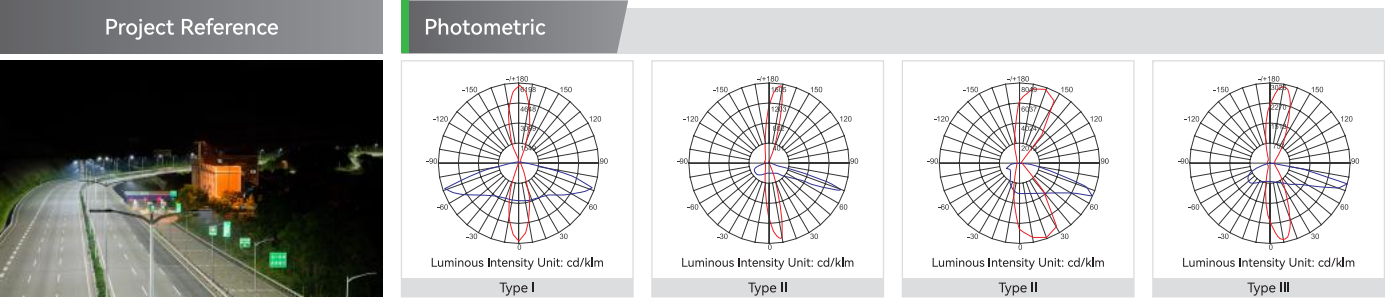
Modular Design

NEMA Socket Available

Tools Free

Lumen Efficiency>150lm/W

Type II or III or IV light distribution

IP/IK Protection IP66/IK10

Project Reference

Photometric

Luminous Intensity Unit: cd/klm — Type I

Luminous Intensity Unit: cd/klm — Type II

Luminous Intensity Unit: cd/klm — Type II

Luminous Intensity Unit: cd/klm — Type III

Apollo II Street Light

Optical Specs

LED Light Source	5050 (Lumileds / Osram / Lightning)
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type II / Type III

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	10KV (20KV optional)
LED Driver	MOSO Driver(Inventronics options)
Dimming	W/O; 1~10V / DALI / Programmable / NEMA socket / NEMA / ZHAGA
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP66 / IK10
L80 Hours @ 25℃	>93,000 hours
Installation	Side entry

Product Dimention

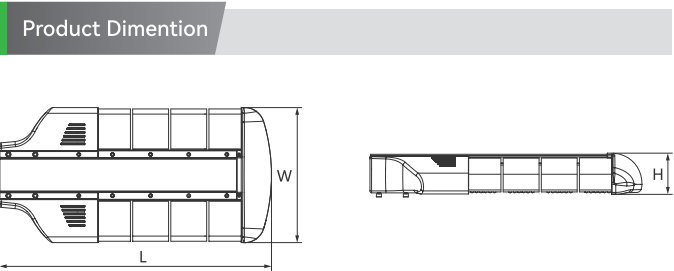CE   25 TÜV   RoHS Product   TM-21   LM-79

Description

With APOLLO's unparalleled performance and unprecedented success, the market highly requests the same functionalities but cheaper ones. So comes the APOLLO II. We retained the modularized concept but simplified the module design, the driver chamber, and the mounting bracket of Φ40 to φ 60mm to save cost and make it available for less budgeted projects in more developing markets.

- Modular Design
- NEMA Socket Available
- Tools Free
- Lumen Efficiency>150lm/W
- Type II or Type III light distribution
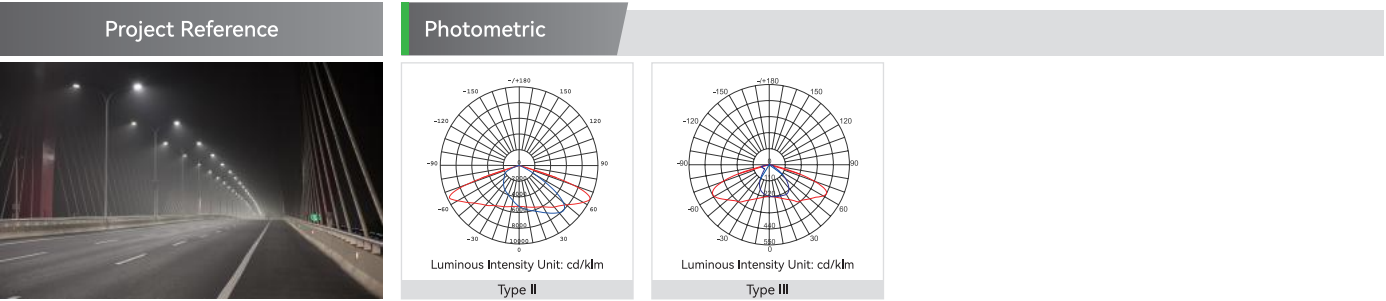- IP/IK Protection IP66/IK10

Product	Model Number	Nominal Power (W)	# of Modules	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Apollo II Premium 16 pcs LEDs per module	RL183001	40	1	6,000	4.80	L411 x W301 x H100
	RL183002	80	2	12,000	5.30	L494 x W301 x H100
	RL183003	120	3	18,000	6.80	L577 x W301 x H100
	RL183004	160	4	24,000	7.40	L660 x W301 x H100
	RL183005	200	5	30,000	8.60	L743 x W301 x H100
	RL183006	240	6	36,000	9.40	L826 x W301 x H100

Project Reference

Photometric

Luminous Intensity Unit: cd/klm
Type II

Luminous Intensity Unit: cd/klm
Type III

Tunnel Lighting

Stirrup Tunnel Light

Description

STIRRUP shares the modular concept, utilizes the advantage of incremental wattage design, and transfers to a versatile version of Tunnel Lighting. It changes a side-entry pole mounting to the Y-shape bracket on top of it and makes it available with an adjustable -60 ° to +60 ° for side-mounting or ceiling-mounting of the tunnel to match most tunnel lighting applications.
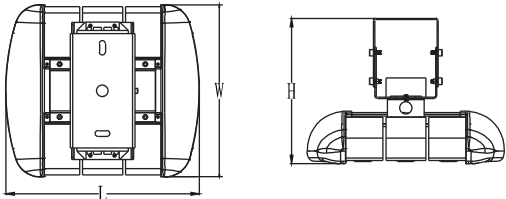
- Modular Design
- Multiple Installation
- Installation Angle Adjustable
- Lumen Efficiency>150lm/W
- Beam Angle 30° to 120°
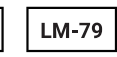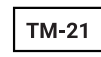- Protection IP66/IK10

Optical Specs

LED Light Source	3030(Standard) / 5050(Premium)
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type I / Type II / Type V

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	6KV (options 10KV & 20KV)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP66 / IK09 on Aluminum Housing or IK07 on PC housing
Housing	PC or Aluminum End Cap + Aluminum Module
L80 Hours @ 25℃	>93,000 hours
IK Rating	IK09 on Aluminum Housing or IK07 on PC housing

Product Dimention

CE | RoHS | UL LISTED | DLC | TM-21 | LM-79

Product	Model Number	Nominal Power (W)	# of Modules	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Stirrup Premium 16 pcs LEDs per module	TL2K3001	40	1	6,000	3.8	L411 x W301 x H100
	TL2K3002	80	2	12,000	4.3	L494 x W301 x H100
	TL2K3003	120	3	18,000	5.8	L577 x W301 x H100
	TL2K3004	160	4	24,000	6.4	L660 x W301 x H100
	TL2K3005	200	5	30,000	7.6	L743 x W301 x H100
	TL2K3006	240	6	36,000	8.4	L826 x W301 x H100

Project Reference

Photometric

Luminous Intensity Unit: cd/klm

Type II

Artemis Tunnel Light

▶ Description

ARTEMIS Tunnel Light combines with a die-cast aluminum housing and extruded aluminum modular, making the body bolder but lighter. Plus, a PC lens makes this luminaire IK 10 impact available. And an I-Shape bracket could help the light to pendent-mount in areas with no lamp poles or do not want any columns to change the traditional esthetics in the historic preservation areas.

- Modular Design
- Multiple Installation
- Installation Angle Adjustable
- Lumen Efficiency>150lm/W
- Beam Angle 30° to 120°
- IP/IK Protection IP66/IK10

Optical Specs

LED Light Source	5050 LUMILEDS/CREE/LIGHTNING
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type I / Type II / Type V

Electrical Specs

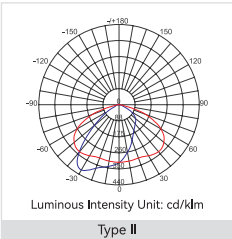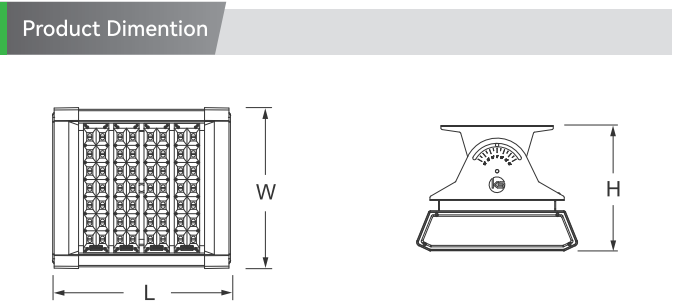|	
Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	10KV (options 20KV)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable
Insulation	Class I / Class II options

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP66 / IK10
Housing	Die-cast Aluminum Housing + Modules
L80 Hours @ 25℃	>93,000 hours

Product Dimention

CE CB RoHS UL LISTED DLC TM-21 LM-79

Product	Model Number	Nominal Power (W)	# of Modules	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
	TL2R3001	35	1	5,250	7.10	L221 x W330 x H137
	TL2R3002	70	2	10,500	8.10	L253 x W330 x H137
	TL2R3003	105	3	15,750	8.70	L315 x W330 x H137
Artemis Tunnel Premium 16 pcs LEDs per module	TL2R3004	140	4	21,000	9.50	L377 x W330 x H137
	TL2R3005	175	5	26,250	10.10	L439 x W330 x H137
	TL2R3006	210	6	31,500	11.80	L501 x W330 x H137
	TL2R3007	245	7	36,750	12.60	L563 x W330 x H137
	TL2R3008	280	8	42,000	13.20	L625 x W330 x H137

Project Reference

Photometric

Luminous Intensity Unit: cd/klm
Type I

Luminous Intensity Unit: cd/klm
Type II

Luminous Intensity Unit: cd/klm
Type II

Galaxy Tunnel Light

Model A

Model B

Description

GALAXY utilizes the industry's creative forward-shooting asymmetric lighting design, ensuring luminance uniformity and substantially reducing visual glare levels in the driving direction of motorists. In addition, the front high-strength tempered glass protects internal optical devices making the requirement of high-pressure water cleaning available, saving more operation and maintenance costs.

Reflector Type or Lens Type

Multiple Installation

Installation Angle Adjustable

Lumen Efficiency>120lm/W

Beam Angle 30° to 120°

Protection IP66/IK07

Optical Specs
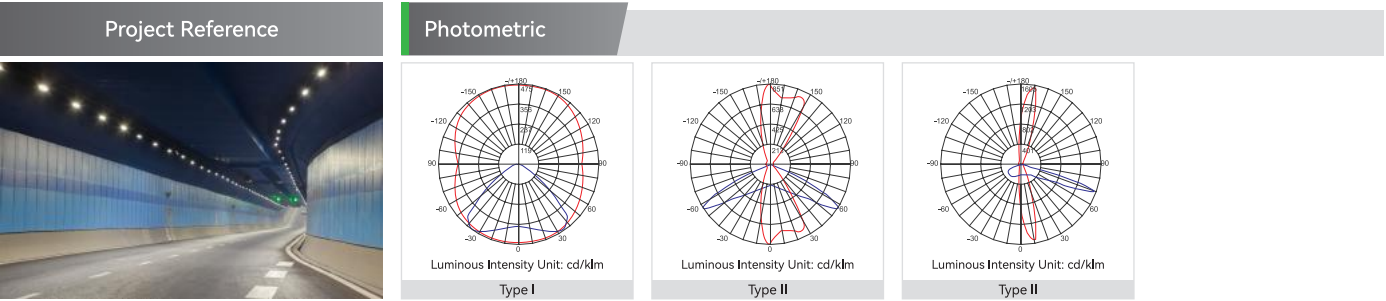
LED Light Source	5050/3030
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type I / Type II

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	10KV (options 20KV)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP66 / IK08
Housing	Extruded Aluminum + Tempered Glass
L80 Hours @ 25℃	>93,000 hours

Product Dimension

CE RoHS TM-21 LM-79
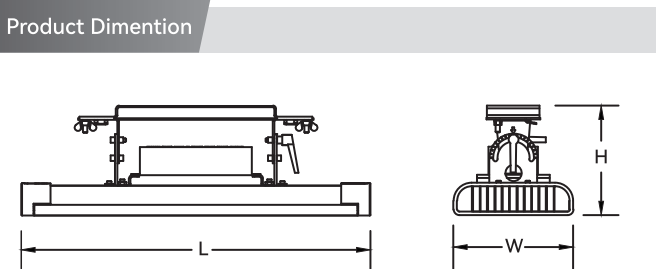
Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
3030 LED Version	TL1F-S030F024	30	24	3,600	8.70	L340 x W165 x H160
	TL1F-S045F036	45	36	5,400	8.70	L340 x W165 x H160
	TL1F-S060F048	60	48	7,200	8.70	L340 x W165 x H160
	TL1F-S075F060	75	60	9,000	11.80	L480 x W165 x H160
	TL1F-S090F072	90	72	10,800	11.80	L480 x W165 x H160
	TL1F-S120F096	120	96	14,400	11.80	L480 x W165 x H160
5050 LED Version	TL1F-S030F012	30	12	3,900	8.70	L340 x W165 x H160
	TL1F-S040F016	40	16	5,200	8.70	L340 x W165 x H160
	TL1F-S055F024	55	24	7,150	8.70	L340 x W165 x H160
	TL1F-S070F030	70	30	9,100	11.80	L480 x W165 x H160
	TL1F-S085F036	85	36	11,050	11.80	L480 x W165 x H160
	TL1F-S110F048	110	48	14,300	11.80	L480 x W165 x H160

Project Reference

Photometric

Luminous Intensity Unit: cd/klm
Type II

Luminous Intensity Unit: cd/klm
Type I
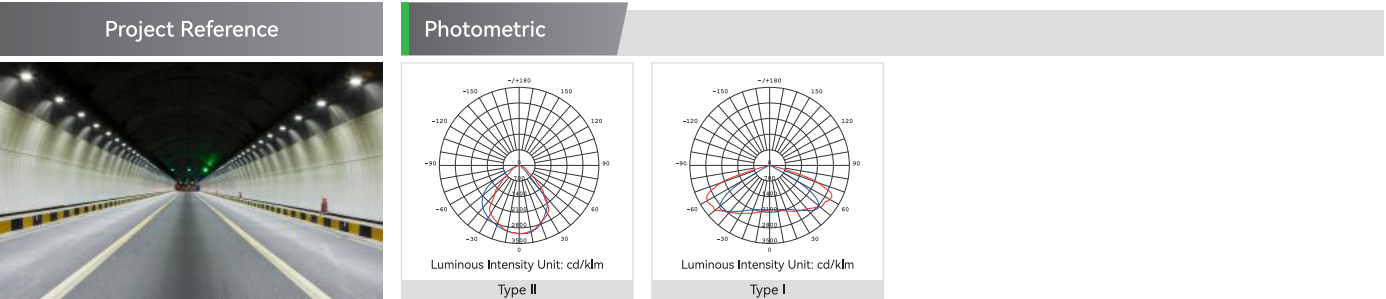
Sports & Stadium Lighting

Coliseum Sports/Flood Light

Optical Specs	
LED Light Source	5050 (Lumileds)
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type V

Electrical Specs	
Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	10KV (options 20KV)
LED Driver	MOSO Driver (Inventronics options)
Dimming	W/O; 1~10V / DALI / Programmable
Insulation	Class I

Other Specs	
Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP66 / IK10
Housing	Stainless Steel + Die cast Aluminum
L80 Hours @ 25℃	>93,000 hours
Installation	High Mast

Product Dimention

CE · RoHS · UL LISTED · DLC · TM-21 · LM-79

▶ Description

COLISEUM is a tailor-designed, extensible modular high mast light, ideal for the stadium and more large-space lighting. The dedicated-designed, glare-free lens effectively protects the audience's vision and ensures TV broadcasting. In addition, the 360° adjustable mounting U-bracket is flexible for versatile installations with varying angle adjustments.

- Modular Design
- Multiple Installation Method
- Installation Angle Adjustable
- Lumen Efficiency>110lm/W
- Beam Angle 15° to 90°
- RA>70 (RA>80 Optional)

Product	Model Number	Nominal Power (W)	# of Modules	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Coliseum 18 pcs LEDs per module	FL342806	300	6	33,000	16.00	L278 x W680 x H160
	FL342808	400	8	44,000	17.00	L505 x W680 x H160
	FL342812	600	12	66,000	23.00	L645 x W680 x H160
	FL342816	800	16	88,000	27.00	L785 x W680 x H160
	FL342820	1000	20	110,000	32.00	L925 x W680 x H160

Project Reference

Photometric

Luminous Intensity Unit: cd/klm
Type II
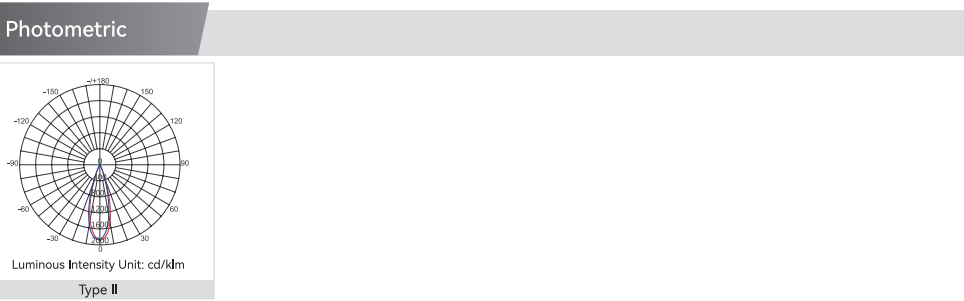
Artemis Series Sports/Flood Light
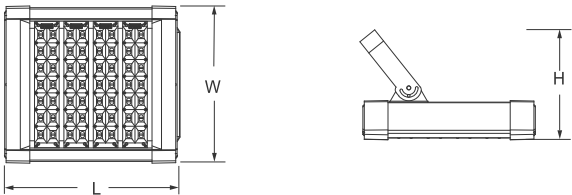
▶ Description

ARTEMIS SPORTS/FLOOD Light, designs with flexible and adjustable mounting, caters to light up the necessary area for different installation requirements, including pole mounting, arm mounting, and surface mounting. Furthermore, it provides lumen output from 5,250lm to 42,000lm, which can satisfy most modern facilities' flood lighting scenarios.

- Modular Design
- Multiple Installation Method
- Installation Angle Adjustable
- Lumen Efficiency>150lm/W
- Beam Angle 15° to 150°
- RA>70 (RA>80 Optional)

Optical Specs

LED Light Source	5050 (LUMILEDS/CREE/LIGHTNING)
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type I / Type III / Type IV

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	6KV (options 10KV & 20KV)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable / PIR Sensor
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP66 / IK10
Housing	Die-cast Aluminum Housing + Modules
L80 Hours @ 25℃	>93,000 hours

Product Dimention

CE CB TÜV RoHS UL LISTED DLC TM-21 LM-79

Product	Model Number	Nominal Power (W)	# of Modules	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Artemis Flood Premium 16 pcs LEDs per module	FL2F3001	35	1	5,250	7.10	L229 x W330 x H259
	FL2F3002	70	2	10,500	8.10	L253 x W330 x H259
	FL2F3003	105	3	15,750	8.70	L315 x W330 x H259
	FL2F3004	140	4	21,000	9.50	L337 x W330 x H259
	FL2F3005	175	5	26,250	10.10	L439 x W330 x H259
	FL2F3006	210	6	31,500	11.80	L501 x W330 x H259
	FL2F3007	245	7	36,750	12.60	L563 x W330 x H259
	FL2F3008	280	8	42,000	13.20	L625 x W330 x H259

Project Reference

Photometric

Luminous Intensity Unit: cd/klm — Type I

Luminous Intensity Unit: cd/klm — Type VII

Polaris Sports/Flood Light

POLARIS SPORTS Light is a compact design of lightweight, low wind resistance. Together with a unique optical design that virtually eliminates glare with minimal impact on performance. It is ideal for outdoor, open-space sports facilities for training, lively watching and broadcasting.

It powers from 200W to 1,200W and shoots the beam angle from 5 ° to 30 ° . As a result, Polaris Sports light meets most project requirements.

- Reflector Shield Available
- Multiple Installation Method
- Installation Angle Adjustable
- Lumen Efficiency>140lm/W
- Beam Angle 5° to 30°
- RA>70 (RA>80 Optional)

Optical Specs

LED Light Source	High Lumen Efficiency 3030 LEDs or 3535 LEDs
LED Color Temperature	4,000K (3,000K, 5,000K and 6,000K optional)
Color Rendering Index	Ra>70 (Ra>80 optional)
Light Distribution & LENS Kit	5° / 10° / 15° / 20° / 30°

Electrical Specs

Input	100-220-240-365V 50/60Hz
Power Factor	>0.95
LED Driver	MOSO LED Driver (Inventronics optional)
Dimming	W/O; 1-10V / DALI / Programmable
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP66 / IK10
L80 Hours @ 25℃	>93,000 hours
Installation	Ground mount, Wall mount, Highmast

Product Dimention

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Dimensions (mm)	Warranty
Polaris 3030 Version	KSJR03-200	200	312	28,000	φ400 x 85mm	5 Years
	KSJR03-250	250	312	35,000	φ400 x 85mm	5 Years
	KSJR03-300	300	476	42,000	φ400 x 85mm	5 Years
	KSJR03-350	350	476	49,000	φ400 x 85mm	5 Years
	KSJR03-400	400	736	56,000	φ480 x 95mm	5 Years
	KSJR03-500	500	736	70,000	φ480 x 95mm	5 Years
	KSJR03-600	600	924	84,000	φ565 x 102mm	5 Years
	KSJR03-700	700	924	98,000	φ565 x 102mm	5 Years
Polaris 3535 Version	KSJR03-800	800	588	112,000	φ640 x 126mm	5 Years
	KSJR03-900	900	588	126,000	φ640 x 126mm	5 Years
	KSJR03-1000	1000	588	140,000	φ640 x 126mm	5 Years
	KSJR03-1200	1200	588	168,000	φ640 x 126mm	5 Years

Halo Sports/Flood Light
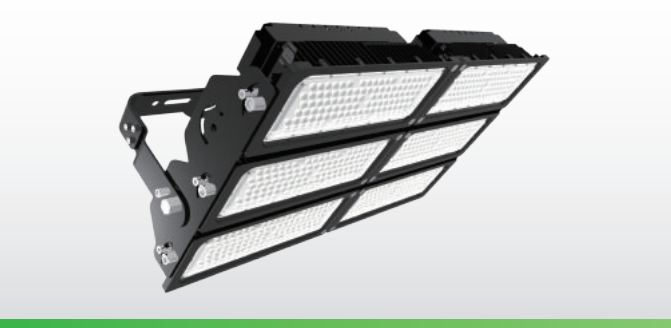
HALO STADIUM FLOOD Light commonly uses for large space illuminations. It utilizes a modularized design, extends the wattage from 200W to 1,400W, and works for high mast, flood and spot lighting applications.

The multiple lenses cooperate with the 360 ° adjustable mounting U-bracket, keeping it flexible for various installations and angle adjustment to supply the best lighting effects.
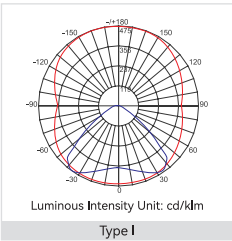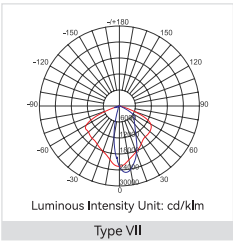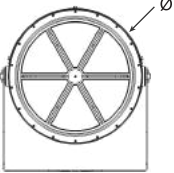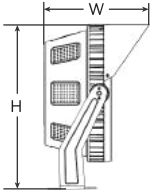
- Modular Design
- Multiple Installation Method
- Installation Angle Adjustable
- Lumen Efficiency>140lm/W
- Beam Angle 15° to 30°
- RA>70 (RA>80 Optional)
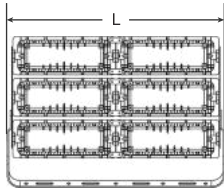
Optical Specs

LED Light Source	High Lumen Efficiency 3535 LEDs or 5050 LEDs
LED Color Temperature	4,000K (3,000K, 5,000K and 6,000K optional)
Color Rendering Index	Ra>70 (Ra>80 optional)
Light Distribution & LENS Kit	15° / 30°

Electrical Specs

|	
Input	100-220-240-365V 50/60Hz
Power Factor	>0.95
LED Driver	MOSO LED Driver (Inventronics optional)
Dimming	W/O; 1-10V / DALI / Programmable
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP66 / IK10
L80 Hours @ 25℃	>93,000 hours
Installation	Ground mount, Wall mount, Highmast

Product Dimention

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Dimensions (mm)	Warranty
One Module 3535	KSJR04-200	200	112	30,000	L491 x W300 x H143	5 Years
	KSJR04-250	250		37,500		
Two Modules 3535	KSJR04-300	300	224	45,000	L491 x W472 x H160	5 Years
	KSJR04-400	400		60,000		
	KSJR04-500	500		75,000		
Three Modules 3535	KSJR04-600	600	336	90,000	L574 x W489 x H160	5 Years
	KSJR04-700	700		105,000		
Four Modules 3535	KSJR04-800	800	448	120,000	L832 x W491 x H160	5 Years
	KSJR04-900	900		135,000		
	KSJR04-1000	1000		150,000		
One Module 5050	KSJR04B-200	200	112	30,000	L491 x W300 x H143	5 Years
	KSJR04B-250	250		37,500		
Two Modules 5050	KSJR04B-300	300	224	45,000	L491 x W472 x H160	5 Years
	KSJR04B-400	400		60,000		
	KSJR04B-500	500		75,000		
Three Modules 5050	KSJR04B-600	600	336	90,000	L574 x W489 x H160	5 Years
	KSJR04B-700	700		105,000		
Four Modules 5050	KSJR04-800	800	448	120,000	L832 x W491 x H160	5 Years
	KSJR04-900	900		135,000		
	KSJR04-1000	1000		150,000		

Warehouse & General Lighting

Artemis Hibay Light

Description
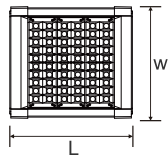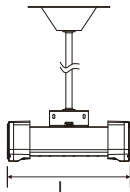
ARTEMIS HIBAY Light inherits the families of Artemis tunnel light and utilizes the modular design concept and its frames. The electrostatic spray-painted housing makes it perfect for regular and harsh environments. Uses together with its matched brackets, which actualizes the versatile surface and pendant mounting applications.

- Modular Design
- Surface or Pedant Mount
- PIR Sensor Available
- Lumen Efficiency>150lm/W
- Beam Angle 30° to 150°
- RA>70 (RA>80 Optional)

Optical Specs

LED Light Source	5050 LUMILEDS/CREE/LIGHTNING
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type I / Type V

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	6KV (options 10KV & 20KV)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable / PIR Sensor
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP66 / IK10
Housing	Die-cast Aluminum Housing + Modules
L80 Hours @ 25℃	>93,000 hours

Product Dimention

CE CB RoHS UL LISTED DLC TM-21 LM-79

Product	Model Number	Nominal Power (W)	# of Modules	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Artemis Hibay Premium 16 pcs LEDs per module	BY2G3001	35	1	5,250	7.10	L221 x W330 x H137
	BY2G3002	70	2	10,500	8.10	L253 x W330 x H137
	BY2G3003	105	3	15,750	8.70	L315 x W330 x H137
	BY2G3004	140	4	21,000	9.50	L377 x W330 x H137
	BY2G3005	175	5	26,250	10.10	L439 x W330 x H137
	BY2G3006	210	6	31,500	11.80	L501 x W330 x H137
	BY2G3007	245	7	36,750	12.60	L563 x W330 x H137
	BY2G3008	280	8	42,000	13.20	L625 x W330 x H137

Project Reference

Photometric

Luminous Intensity Unit: cd/klm — Type I
Luminous Intensity Unit: cd/klm — Type I
Luminous Intensity Unit: cd/klm — Type V
Luminous Intensity Unit: cd/klm — Type V

Artemis Canopy Light

▶ Description
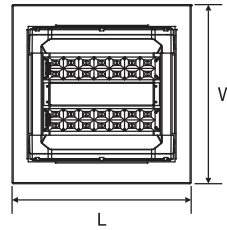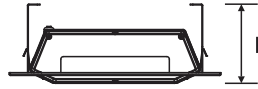
ARTEMIS CANOPY Light (Recessed Mount) utilizes the Kingsun family-adopted scalable modular design with the latest LED technology, delivering the best light efficacy of the luminaires. Succeeds from the conventional frame design, this canopy light can easily embed in the ceiling of the service stations to save time and cost without drilling holes in the shelters.

- Modular Design
- Recessed Mount
- PIR Sensor Available
- Lumen Efficiency>150lm/W
- Beam Angle 30° to 150°
- RA>70 (RA>80 Optional)

Optical Specs

LED Light Source	5050 LUMILEDS/CREE/LIGHTNING
LED Color Temperature	4,000K (5,000K and 3,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	Type I / Type V

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
Surge Protection	6KV (options 10KV & 20KV)
LED Driver	Philips LED Driver (Inventronics / MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable / PIR Sensor
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP66 / IK10
Housing	Die-cast Aluminum Housing + Modules
L80 Hours @ 25℃	>93,000 hours

Product Dimention

Product	Model Number	Nominal Power (W)	# of Modules	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
	BY2G3001	35	1	5,250	7.10	L410 x W410 x H154
	BY2G3001	70	2	10,500	8.10	L410 x W410 x H154
	BY2G3001	105	3	15,750	8.70	L410 x W410 x H154
Artemis Canopy Premium 16 pcs LEDs per module	BY2G3001	140	4	21,000	9.50	L472 x W410 x H154
	BY2G3001	175	5	26,250	10.10	L534 x W410 x H154
	BY2G3001	210	6	31,500	11.80	L596 x W410 x H154
	BY2G3001	245	7	36,750	12.60	L658 x W410 x H154

Project Reference

Photometric

Luminous Intensity Unit: cd/klm — Type I

Luminous Intensity Unit: cd/klm — Type I

Luminous Intensity Unit: cd/klm — Type V

Luminous Intensity Unit: cd/klm — Type V
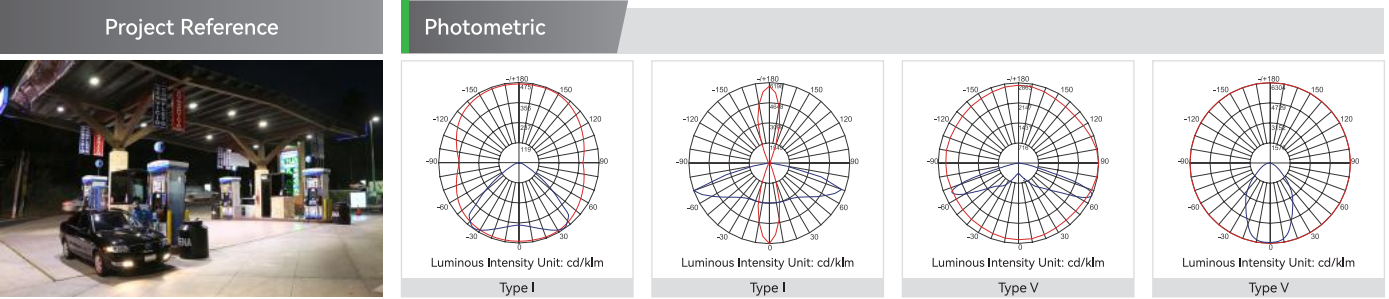
Jupiter Hibay Light

JUPITER HIBAY Light offers a high performance of 140lm/w to a super high 180lm/w output with its associated optic solutions.

In addition, its anti-glare cover controls the light to illuminate in the dedicated area and collaborates with the PIR sensor to achieve dual energy saving, making energy and cost saving even more effortless.

Reflector Shield Available | **Multiple Installation Method** | **PIR Sensor Available** | **Lumen Efficiency>140lm/W** | **Beam Angle 60° to 120°** | **Protection IP65/IK08**

Optical Specs

LED Light Source	High Lumen Efficiency 3030 LEDs
LED Color Temperature	4,000K (3,000K, 5,000K and 6,000K optional)
Color Rendering Index	Ra>70 (Ra>80 optional)
Light Distribution & LENS Kit	60° / 90° / 120°

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
LED Driver	MOSO LED Driver (Inventronics optional)
Dimming	W/O; 1~10V / DALI / Programmable
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP65 / IK08
L80 Hours @ 25℃	>93,000 hours
Installation	Pendant mount or Chain mount

Product Dimention

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Dimensions (mm)	Warranty
	KSAT-07-50	50	120	7,000		
Jupiter S	KSAT-07-80	80	120	11,200	266 x 266 x 164mm	5 Years
	KSAT-07-100	100	120	14,000		
Jupiter M	KSAT-07-120	120	200	16,800	300 x 300 x 166mm	5 Years
	KSAT-07-150	150	200	21,000		
Jupiter L	KSAT-07-200	200	240	28,000	340 x 340 x 169mm	5 Years

Pluto Hibay Light

PLUTO HIBAY Light comes with a one-off robust die-casted housing. Its ideal ventilation construction design realises the best heat dissipation effects and ensures this luminaire's long lifespan.

Meanwhile, mounts with different cabochon cover better keep their traditional HID and HPS High Bay light looks and harmonise with the conventional environment.

Reflector Shield Available | **Multiple Installation Method** | **PIR Sensor Available** | **Lumen Efficiency>140lm/W** | **Beam Angle 60 to 120°** | **Protection IP65/IK08**

Optical Specs

LED Light Source	High Lumen Efficiency 3030 LEDs
LED Color Temperature	4,000K (3,000K, 5,000K and 6,000K optional)
Color Rendering Index	Ra>70 (Ra>80 optional)
Light Distribution & LENS Kit	60° / 90° / 120°

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
LED Driver	MOSO LED Driver (Inventronics optional)
Dimming	W/O; 1~10V / DALI / Programmable
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP65 / IK08
L80 Hours @ 25℃	>93,000 hours
Installation	Pendant mount or Chain mount

Product Dimention

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Dimensions (mm)	Warranty
	KSJR-07-50	50	140	7,000		
Pluto S	KSJR-07-80	80	140	11,200	262 x 262 x 180mm	5 Years
	KSJR-07-100	100	140	14,000		
Pluto M	KSJR-07-120	120	210	16,800	305 x 305 x 190mm	5 Years
	KSJR-07-150	150	210	21,000		
Pluto L	KSJR-07-200	200	280	28,000	345 x 345 x 190mm	5 Years

Post-Top Lighting

Garden Post-Top Light

GARDEN POST-TOP Light keeps the traditional outlook but has built-in highly efficient LEDs, which suit most outdoor landscapes or streetscapes. In addition, it significantly improves visibility and safety by providing better uniformity of ambient light to residents and communities.

In addition, it customizes 3, 5 and 7-pin NEMA sockets to help the lights to work in the proper schedule and save more power.

- NEMA Socket Available
- Lumen Efficiency>140lm/W
- Beam Angle 30° to 150°
- Protection IP65/IK08
- RA>70 (RA>80 Optional)
- Operating -40° to 50°

Optical Specs

LED Light Source	High Lumen Efficiency 3030 LEDs
LED Color Temperature	4,000K (3,000K, 5,000K and 6,000K optional)
Color Rendering Index	Ra>70 (Ra>80 optional)
Light Distribution & LENS Kit	Type I

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
LED Driver	Inventronics LED Driver (MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable / Photocell
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP65 / IK08
L80 Hours @ 25℃	>93,000 hours
Installation	Ø60mm spigot (Ø38mm spigot optional)

Product Dimention

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Dimensions (mm)	Dimensions (mm)
	KSAT-07-50	60	210	8,400		
Garden Post-Top Light	KSAT-07-80	100	210	14,000	9.50	Ø400 x H609
	KSAT-07-100	150	210	21,000		

Jupiter Post-Top Light

VILLA POST-TOP Light follows its literal name of Villa. Dedicated to Gardens, Courtyards, and more residential areas lighting demands

Its traditional outlook and aesthetic but requires a modern feel. So we kept the original construction but built the latest LED technology inside. With the latest light engines and best LED divers, the old Villa has a long-last second life to revive the backyard of our after-work times.

- NEMA Socket Available
- Lumen Efficiency>140lm/W
- Beam Angle 30° to 150°
- Protection IP65/IK08
- RA>70 (RA>80 Optional)
- Operating -40° to 50°

Optical Specs

LED Light Source	High Lumen Efficiency 3030 LEDs
LED Color Temperature	4,000K (3,000K, 5,000K and 6,000K optional)
Color Rendering Index	Ra>70 (Ra>80 optional)
Light Distribution & LENS Kit	Type I

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
LED Driver	Inventronics LED Driver (MOSO optional)
Dimming	W/O; 1~10V / DALI / Programmable / Photocell
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP65 / IK08
L80 Hours @ 25℃	>93,000 hours
Installation	Ø60mm spigot (Ø38mm spigot optional)

Product Dimention

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Dimensions (mm)	Dimensions (mm)
Villa Post-Top Light	KSAT-07-50	60	140	8,400	7.20	400 x 450 x 690
	KSAT-07-80	100	140	14,000		

Patio Post-Top Light

PATIO POST-TOP Light, olive-shaped design for outdoor landscape and functional lighting with highly efficient LED technology. It provides wide converge light distributions for area lighting with fast, convenient post-top installations.

It can also be solar-powered and used for more off-grid areas such as gardens, parks, courtyards, parking lot, etc.

- Traditional Design
- Lumen Efficiency>100lm/W
- Beam Angle 30° to 150°
- Protection IP65/IK08
- RA>70 (RA>80 Optional)
- Operating -40° to 50°

Optical Specs

LED Light Source	3535 (CREE or equivalent)
LED Color Temperature	4,000K (Options: 5,000K and 3,000K)
Color Rendering Index	Ra>70 (Ra>80 optional)
Light Distribution & LENS Kit	Type I

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
LED Driver	Inventronics LED Driver (Philips/MOSO options)
Dimming	W/O; 1~10V / DALI / Programmable / Photocell
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP65 / IK08
L80 Hours @ 25℃	>93,000 hours
LED Distribution	Line / Round arrangement
Installation	Ø76mm pole

Product Dimention
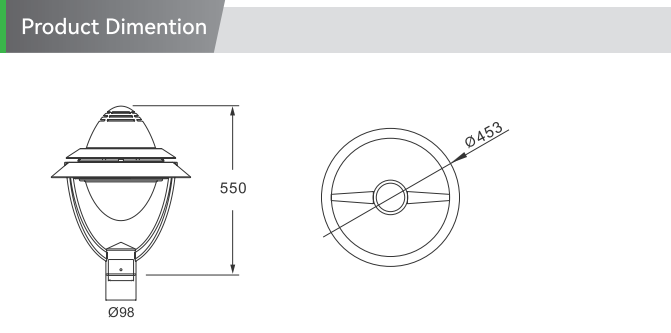
Ø453
550
Ø98

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight (KG)	Dimensions (mm)
Patio Post-Top Light	PL1A1012	15	12	1,500		
	PL1A1024	30	24	3,000		
	PL1A1036	45	36	4,500	8.70	Ø453 x H550
	PL1A1048	60	48	6,000		
	PL1A1060	75	75	7,500		

Chalet Post-Top Light

CHALET POST-TOOP Light, a Bowler hat-shaped design mainly for the Europe market.

It offers both parallel pattern and sunflower pattern appearance, with different light distribution pattern solutions - suits for varied installation requirements of courtyards, gardens, residential area villas and small public squares.

- Traditional Design
- Lumen Efficiency>100lm/W
- Beam Angle 30° to 150°
- Protection IP65/IK08
- RA>70 (RA>80 Optional)
- Operating -40° to 50°

Optical Specs

LED Light Source	3535 (CREE or equivalent)
LED Color Temperature	4,000K (Options: 5,000K and 3,000K)
Color Rendering Index	Ra>70 (Ra>80 optional)
Light Distribution & LENS Kit	Type I

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
LED Driver	Inventronics LED Driver (Philips/MOSO options)
Dimming	W/O; 1~10V / DALI / Programmable / Photocell
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP65 / IK08
L80 Hours @ 25℃	>93,000 hours
LED Distribution	Line / Round arrangement
Installation	Ø38mm spigot

Product Dimention

300
Ø500
10
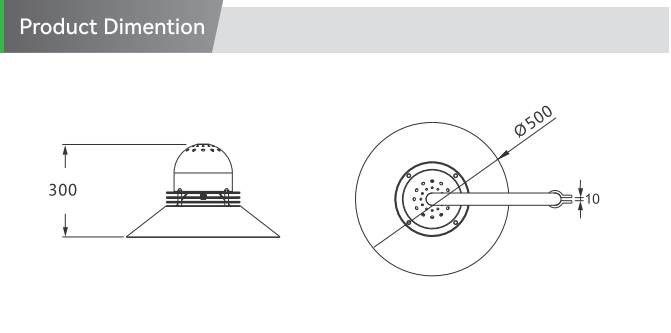
Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight (KG)	Dimensions (mm)
Chalet Post-Top Light	PL1F1012	15	12	1,500		
	PL1F1024	30	24	3,000		
	PL1F1036	45	36	4,500	7.20	Ø500 x H377
	PL1F1048	60	48	6,000		
	PL1F1060	75	75	7,500		

Solar Lighting

KSL AIO Solar Light

Battery gets charged through solar panel and solar charger controller in sunny daytime.
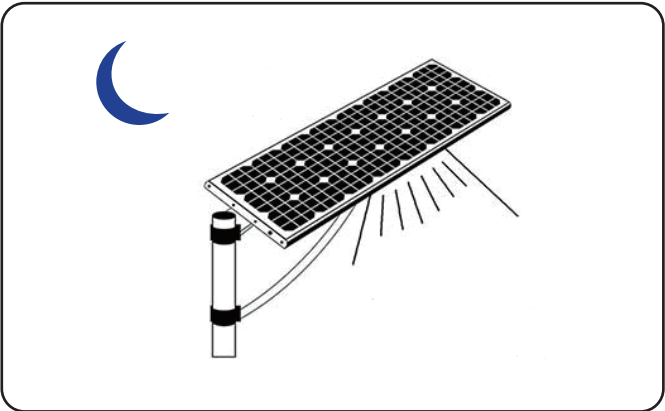
Solar light works at nights with power supply stored in the battery during daytime.
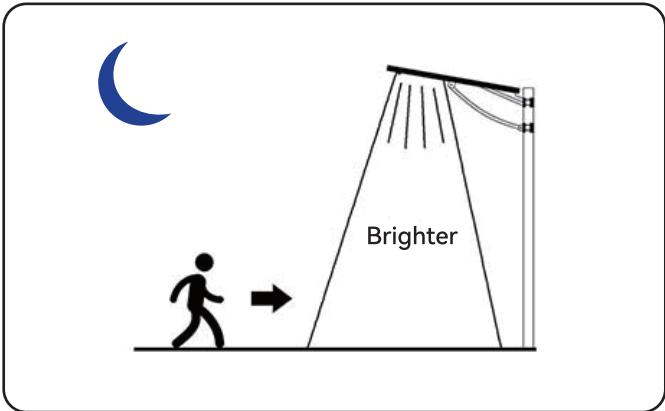
Brighter

Dimmed

When people or cars come near, the light will be adjusted brighter automatically through the motion sensor incorporated.
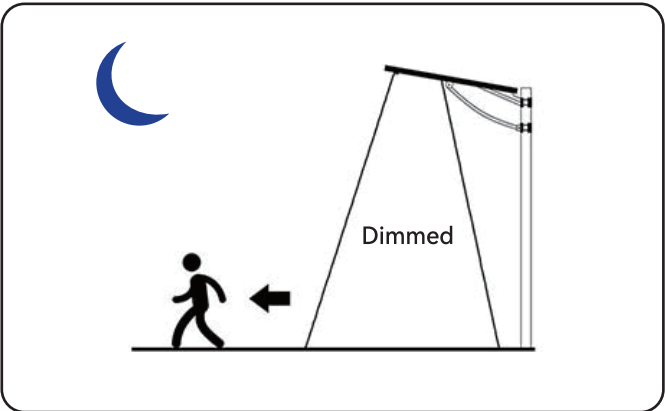
When there are no people or cars around, the light will be dimmed to a lower level to save energy for the solar luminaire.

KS AIO solar-powered LED lighting solutions incorporate a self-contained solar power assembly sized to run the specified solar light fixture that provides user-friendly and cost-efficient street and area lighting systems without needing standard utility power.

KS AIO Solar Street Lights equip with three possible controls for intelligent street lighting. The luminaire will work automatically. No manual setting is needed. Daylight control, Time + Dimming control and Motion + Dimming + Time Control.

Daylight control

The solar street light will automatically turn on and off through a charger controller with a built-in dust-to-dawn daylight control function.

Timing + Dimming control

The solar street light can pre-program with three levels of timing and dimming control functions such as 50% at 1 hour, 100% at 3 hours and 30% at 6 hours. You can customize your times and lighting schedules based on your specific requirement.

Motion Sensor + Dimming Control + Optional Timing Control

We also offer the optional motion sensor, which enables the solar Luminaire switch when people come nearby. The brightness will be 100%. After people move away, the brightness will reduce to a lower level, such as 20%, to save more energy. The motion sensor can also work with three levels of timing control function, and you can customize your specific setting based on particular requirements.

- High Efficiency and long life Solar Panel

- IP67 waterproof smart controller

- Auto on and off from dust to dawn

- Deep discharge and water proof batteries

- Dimmable high power LED

- Motion detective sensor
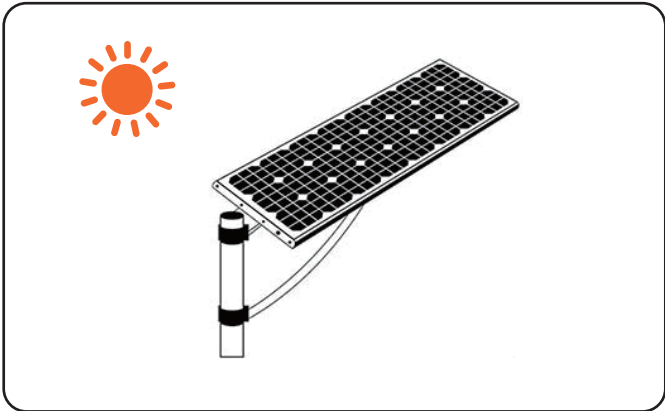
Dimond AIO Solar Light

	Mode	KS-L30	KS-L50	KS-L70	KS-L90
Solar panel	Max power	6V 40W (Monocrystalline silicon)	6V 60W (Monocrystalline silicon)	6V 80W (Monocrystalline silicon)	6V 100W (Monocrystalline silicon)
	Life span	25 years	25 years	25 years	25 years
Battery	Type	3.2V 60AH LiFePO4 lithium battery	3.2V 90AH LiFePO4 lithium battery	3.2V 120AH LiFePO4 lithium battery	3.2V 150AH LiFePO4 lithium battery
	Life span	5-8 years	25 years	25 years	25 years
LED Source	Power	12V 30W	12V 50W	12V 70W	12V 90W
	Chips brand	Bridgelux 3030 led chips	Bridgelux 3030 led chips	Bridgelux 3030 led chips	Bridgelux 3030 led chips
	lumens	120-130lm/W	120-130lm/W	120-130lm/W	120-130lm/W
	Luminous angle	80*150°	80*150°	80*150°	80*150°
Installation		Mounting height: 4-5m Mounting distance: 15-20m	Mounting height: 5-6m Mounting distance: 20-25m	Mounting height: 6-7m Mounting distance: 20-25m	Mounting height: 7-8m Mounting distance: 25-30m
		Install Diamter: 60-80mm	Install Diamter: 60-80mm	Install Diamter: 60-80mm	Install Diamter: 60-80mm
Lamp body material		Aluminium Alloy	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Charging time		6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)
Lighting time		10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days
Working mode		PIR sensor and light control	PIR sensor and light control	PIR sensor and light control	PIR sensor and light control
Installation	Product size	531*366*92.8mm	768*366*92.8mm	1006*366*92.8mm	1244*366*92.8mm
	N.W.	6.4KGS	8.0KGS	9.5KGS	11.5KGS
	Package size	625*415*180mm	860*415*180mm	1100*415*180mm	1340*415*180mm
	G.W.	7.5KGS	9.2KGS	10.8KGS	13.0KGS
	Q'ty/ctn:	1set/ctn	1set/ctn	1set/ctn	1set/ctn

1109.36
1007.00
367.00
94.00

Square AIO Solar Light

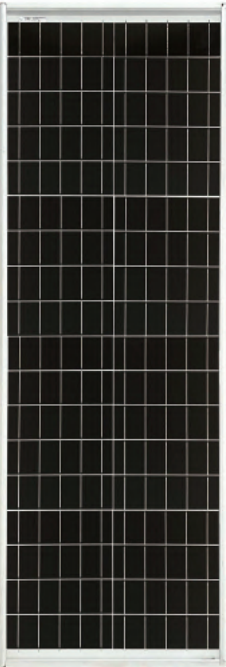|	Mode	KS-T40	KS-T60	KS-T80	KS-T100	KS-T120
Solar panel	Max power	18V 50W (Monocrystalline silicon)	18V 70W (Monocrystalline silicon)	18V 100W (Monocrystalline silicon)	18V 120W (Monocrystalline silicon)	18V 150W (Monocrystalline silicon)
	Life span	25 years	25 years	25 years	25 years	25 years
Battery	Type	12.8V 24AH LiFePO4 lithium battery	12.8V 30AH LiFePO4 lithium battery	12.8V 45AH LiFePO4 lithium battery	12.8V 60AH LiFePO4 lithium battery	12.8V 75AH LiFePO4 lithium battery
	Life span	5-8 years	5-8 years	5-8 years	5-8 years	5-8 years
LED Source	Power	12V 40W	12V 60W	12V 80W	12V 100W	12V 120W
	Chips brand	Bridgelux 3030 led chips	Bridgelux 3030 led chips	Bridgelux 3030 led chips	Bridgelux 3030 led chips	Bridgelux 3030 led chips
	lumens	120-130lm/W	120-130lm/W	120-130lm/W	120-130lm/W	120-130lm/W
	Luminous angle	80*150°	80*150°	80*150°	80*150°	80*150°
Installation		Mounting height: 5-6m Mounting distance: 20-25m	Mounting height: 6-7m Mounting distance: 20-25m	Mounting height: 7-8m Mounting distance: 25-30m	Mounting height: 8-9m Mounting distance: 30-35m	Mounting height: 9-10m Mounting distance: 30-35m
		Install Diamter: 60-105mm	Install Diamter: 60-105mm	Install Diamter: 60-105mm	Install Diamter: 60-105mm	Install Diamter: 60-105mm
Lamp body material		Aluminium Alloy	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Charging time		6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)
Lighting time		10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days
Working mode		PIR sensor and light control	PIR sensor and light control	PIR sensor and light control	PIR sensor and light control	PIR sensor and light control
Installation	Product size	680*360*50mm	830*360*50mm	1056*360*50mm	1136*420*45mm	1469*420*395mm
	N.W.	8.2KGS	9.5KGS	14KGS	17.2KGS	28KGS
	Package size	780*405*200mm	930*405*200mm	1100*405*200mm	1190*490*220mm	1530*130*520mm 710*420*310mm
	G.W.	9.05KGS	11KGS	16KGS	19.2KGS	33KGS
	Q'ty/ctn:	1set/ctn	1set/ctn	1set/ctn	1set/ctn	1set/ctn

1065.41
1008
357.82
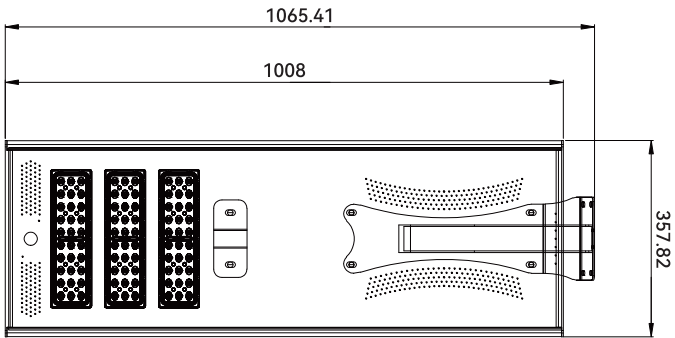
Helianthus AIO Solar Light

	Mode	KS-HJ40	KS-HJ60	KS-HJ80	KS-HJ100	KS-HJ120
Solar panel	Max power	18V 50W (Monocrystalline silicon)	18V 80W (Monocrystalline silicon)	18V 100W (Monocrystalline silicon)	18V 120W (Monocrystalline silicon)	18V 150W (Monocrystalline silicon)
	Life span	25 years	25 years	25 years	25 years	25 years
Battery	Type	12.8V 24AH LiFePO4 lithium battery	12.8V 36AH LiFePO4 lithium battery	12.8V 48AH LiFePO4 lithium battery	12.8V 54AH LiFePO4 lithium battery	12.8V 60AH LiFePO4 lithium battery
	Life span	5-8 years	5-8 years	5-8 years	5-8 years	5-8 years
LED Source	Power	12V 40W	12V 60W	12V 80W	12V 100W	12V 120W
	Chips brand	Bridgelux 3030 led chips	Bridgelux 3030 led chips	Bridgelux 3030 led chips	Bridgelux 3030 led chips	Bridgelux 3030 led chips
	lumens	120-130lm/W	120-130lm/W	120-130lm/W	120-130lm/W	120-130lm/W
	Luminous angle	80*150°	80*150°	80*150°	80*150°	80*150°
Installation		Mounting height: 5-6m Mounting distance: 20-25m	Mounting height: 6-7m Mounting distance: 20-25m	Mounting height: 7-8m Mounting distance: 25-30m	Mounting height: 8-9m Mounting distance: 30-35m	Mounting height: 9-10m Mounting distance: 30-35m
		Install Diamter: 60-105mm	Install Diamter: 60-105mm	Install Diamter: 60-105mm	Install Diamter: 60-105mm	Install Diamter: 60-105mm
Lamp body material		Aluminium Alloy	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Charging time		6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)
Lighting time		10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days	10-12 hours per day 3 rainy days
Working mode		PIR sensor and light control	PIR sensor and light control	PIR sensor and light control	PIR sensor and light control	PIR sensor and light control
Packing Solutioin 1 1 set in 2 cartons	Lamp	970*415*115mm	1150*415*115mm	1470*415*115mm	1620*415*115mm	1780*415*115mm
	Sleeve	210*330*300mm	210*330*300mm	210*330*300mm	360*330*300mm	360*330*300mm
Product Solutioin 2 2 set in 2 cartons	Lamp	970*415*195mm	1150*415*195mm	1470*415*195mm	1620*415*195mm	1780*415*195mm
	Sleeve	250*310*335mm	250*310*335mm	250*310*335mm	400*310*335mm	400*310*335mm

Dimension

1416
362
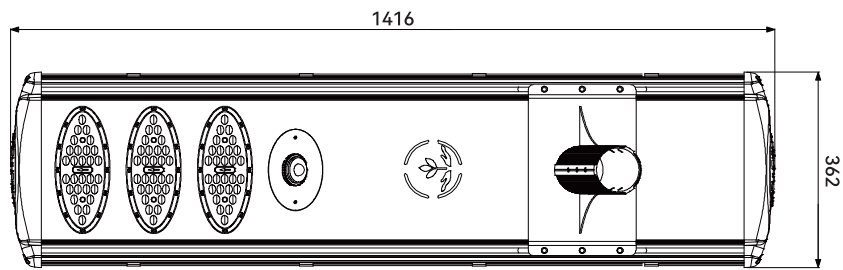
Slim AIO Solar Light
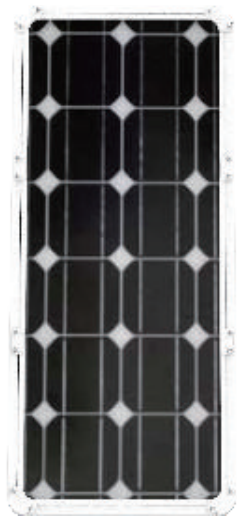
	Mode	KS-BH40	KS-BH60	KS-BH80
Solar panel	Max power	6V 15W (Monocrystalline silicon)	6V 21W (Monocrystalline silicon)	6V 21W (Monocrystalline silicon)
	Life span	25 years	25 years	25 years
Battery	Type	3.2V 12AH LiFePO4 lithium battery	3.2V 15AH LiFePO4 lithium battery	3.2V 18AH LiFePO4 lithium battery
	Life span	5-8 years	5-8 years	5-8 years
LED Source	Power	3.2V 30W	3.2V 60W	3.2V 80W
	Chips brand	Bridgelux 3030 led chips	Bridgelux 3030 led chips	Bridgelux 3030 led chips
	lumens	120-130lm/W	120-130lm/W	120-130lm/W
	Luminous angle	80*150°	80*150°	80*150°
Installation		Mounting height: 2-3m Mounting distance: 10-15m	Mounting height: 3-4m Mounting distance: 10-15m	Mounting height: 4-5m Mounting distance: 15-20m
		Install Diamter: 60-80mm	Install Diamter: 60-80mm	Install Diamter: 60-80mm
Lamp body material		Aluminium Alloy	Aluminium Alloy	Aluminium Alloy
Charging time		6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)	6-7 hours (with enough strong shine)
Lighting time		8-10 hours per day 3 rainy days	8-10 hours per day 3 rainy days	8-10 hours per day 3 rainy days
Working mode		PIR sensor and light control	PIR sensor and light control	PIR sensor and light control
Installation	Product size	537*211*43mm	603*211*43mm	687*211*43mm
	N.W.	12.5KGS	15KGS	17.1KGS
	Package size	625*415*180MM	860*415*180MM	1100*415*180mm
	G.W.	17.5KGS	20.3KGS	22.5KGS
	Q'ty/ctn:	1set/ctn	1set/ctn	1set/ctn

Dimension

6870
2110
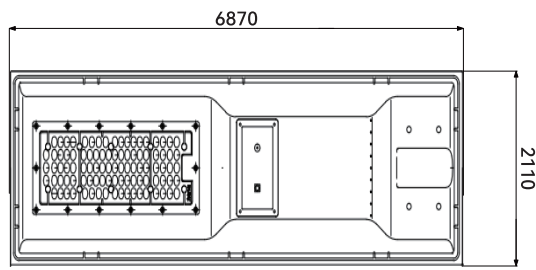
Special Environment Lighting

Harvest Food Processing Light

Harvest, designed with anti-corrosion aluminum bodies, provides comfortable vision and illumination for industrial lighting applications, an ideal replacement for traditional light fixtures.

In addition, it offers a wide range of optical choices that either distribute light evenly across open spaces and work levels or concentrate almost all light on racked aisles and work surfaces to make the use of the light more effectively.

NSF	PIR Sensor	Water Flushing ok	Lumen Efficiency>120 lm/W	Beam Angle 30° to 150°	RA>75 (RA>80 Optional)

Optical Specs

LED Light Source	3030 / 5050 (LUMILEDS)
LED Color Temperature	4,000K (Options: 5,000K and 3,000K)
Color Rendering Index	Ra>70 (Ra>80 optional)
Light Distribution & LENS Kit	Type I / Type V

Electrical Specs

Input	100-220-240-365V 50/60Hz
Power Factor	>0.95
LED Driver	Philips LED Driver (Inventronics/MOSO options)
Dimming	W/O; 1-10V / DALI / Programmable / Motion Sensor
Insulation	Class I / Class II options

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP69K
L80 Hours @ 25℃	>93,000 hours
Certificate	UL, NSF, DLC

Product Dimention
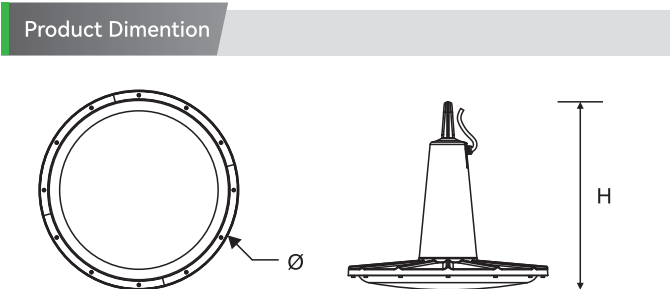
Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight (KG)	Dimming
Harvest Food Processing Light Standard	FD201A	100	96	12,000		0 = No Dim Function
	FD201B	120	112	14,400	9.50	1 = 0-10V Dim
	FD201C	150	136	18,000		2 = Prog. Dim 3 = Dali Control 4 = PIR Sensor
Harvest Food Processing Light Eco	FD201E	100	96	9,349		0 = No Dim Function
	FD201F	120	112	11,218	9.50	1 = 0-10V Dim
	FD201G	150	136	14,023		2 = Prog. Dim 3 = Dali Control 4 = PIR Sensor
Harvest Food Processing Light Pro	FD301A	150	136	18,000		0 = No Dim Function
	FD301B	180	160	21,600	9.50	1 = 0-10V Dim
	FD301C	200	176	24,000		2 = Prog. Dim 3 = Dali Control 4 = PIR Sensor

Guardian Food Processing Light

Guardian matches the need for environmentally highly resistant to corrosive facilities. The streamlined appearance makes it aesthetic, dust-proof, and easy for high-temperature, high-pressure water cleaning. Easy to install, use and maintain, saving electricity and labour costs.

The protection of IP69K, with excellent thermal management, high CRI>80 (CRI>90 optional), and multiple control solutions like the DALI/1- 10V/Motion sensor, makes it ideal for processing facilities.

NSF	PIR Sensor	Water Flushing ok	Lumen Efficiency>150 lm/W	Beam Angle 30° to 150°	RA>75 (RA>80 Optional)

Optical Specs

LED Light Source	High Lumen Efficiency 3030 LEDs
LED Color Temperature	4,000K (3,000K, 5,000K and 6,000K optional)
Color Rendering Index	Ra>80 (Ra>85 optional)
Light Distribution & LENS Kit	Type II / Type III

Electrical Specs

Input	100-220-240-365V 50/60Hz
Power Factor	>0.95
LED Driver	MOSO LED Driver (Inventronics optional)
Dimming	W/O; 1-10V / DALI / Programmable / Motion Sensor
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP69K
L80 Hours @ 25℃	>93,000 hours
Installation	Chain Installation, Pedant Installation

Product Dimention
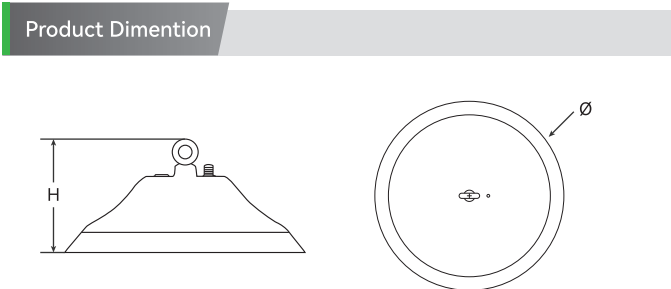
Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Dimensions (mm)	Warranty
Guardian Food Processing Light	KSAT-FP02-50	50	56	7,500		
	KSAT-FP02-100	100	126	15,000	L400 x W186 x H198	5 Years
	KSAT-FP02-150	150	196	22,500		
	KSAT-FP02-200	200	266	30,000		

Saga Marine Light

Description

SAGA makes of high-purity die-cast aluminium alloy. It goes through a chemical treatment to stabilize its metal activity. Also, the top paint uses fluorocarbon paint to extend its corrosion resistance. As a result, the saga Series have a simple and elegant appearance with a firm structure and shock resistance features and is easy to install and maintain.
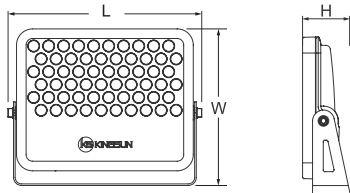
- Corrosion Resistance
- Water Flushing OK
- Installation angle adjustable
- Lumen Efficiency>100lm/W
- Protection IP66/IK09
- RA>70 (RA>80 Optional)

Optical Specs

LED Light Source	3535 / 5050 (CREE or equivalent)
LED Color Temperature	4,000K (3,00K, 5,000K & 6,000K optional)
Color Rendering Index	Ra>70 (80 optional)
Light Distribution & LENS Kit	6º / 15º / 30º / 45º / 60º

Electrical Specs

Input	100~220~240V 50/60Hz / DC24 / DC48V
Power Factor	>0.95
LED Driver	Inventronics / MOSO LED Driver
Dimming	W/O; 1~10V / DALI / Programmable
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
IP Classification	IP66 / IK09
Opening Driver Chamber	Tool-free
Material	Aluminum alloy housing +Tempered glass cover
L80 Hours @ 25℃	>93,000 hours
Installation	Surface mounting

Product Dimention

CE CB RoHS TM-21 LM-79
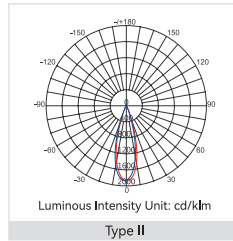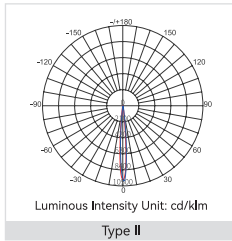
Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
Saga Marine Light with 3535 LEDs	FL1M1048	55	48	5,500	5.70	L361 x W291 x H70
	FL1M1060	75	60	7,500		
	FL1M072	95	72	9,500		
	FL1M084	110	84	11,000		
Saga Marine Light with 5050 LEDs	FL1M035	35	16	5,075	5.70	L361 x W291 x H70
	FL1M070	70	32	10,150		
	FL1M105	105	48	15,225		

Project Reference

Photometric

Luminous Intensity Unit: cd/klm
Type II

Luminous Intensity Unit: cd/klm
Type II

Landscape Lighting

Sphinx Series Projection Light

SPHINX, inspires by the Ancient Egypt Sphinx statue. Integrates with the modern industrial design with an excellent waterproof structure, deep-hidden light source & anti-dazzle optics, and a variety of lampshades to prevent light pollution up to the sky to minimize the light pollution.

AC/DC — DC or AC input

RGB — RGB or Single Color

DMX — DMX Control

IP/IK — Protection IP65/IK09

Beam Angle 5° to 60°

RA>70

Optical Specs

LED Light Source	High Lumen Efficiency 3535 LEDs
LED Color Temperature	1900~6500K (Options: R,G,B,Y and RGB)
Color Rendering Index	Ra>70 (Options: 80)
Light Distribution & LENS Kit	5° / 15° / 25° / 45° / 60° / 10 x 40°

Electrical Specs

Input	100~220~240V 50/60Hz or DC24V
Power Factor	>0.95
LED Driver	Philips LED Driver (Inventronics/MOSO options)
Dimming	W/O; 1~10V / DALI / Programmable / Motion Sensor
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP65 / IK10
L80 Hours @ 25℃	>93,000 hours
Housing	Alloy Aluminum + Tempered Glass

Product Dimention

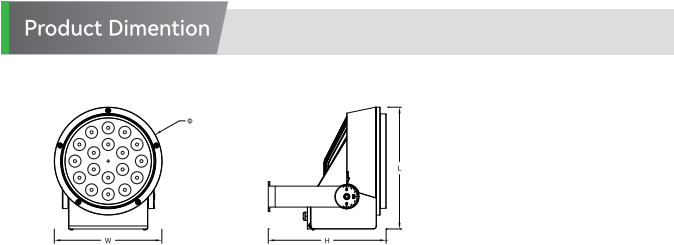| Product	Model Number	Nominal Power (W)	# of LEDs	Dimensions (mm)	CCT	Control System	Beam Angle
Sphinx DC Version	FL1PA009	18	9	L150 x W140 x H157	1,900~6,500K Amber Light R,G,B,Y;RGB;RGBW	Monochrome: Without / RGB RGBW: DMX512	5°/15°/25°/ 45°/60°/10 x 40°
	FL1PA012	27	12	L150 x W140 x H157			
	FL1PA018	36	18	L203 x W180 x H197			
	FL1PA024	54	24	L203 x W180 x H197			
Sphinx AC Version	FL1PA009	18	9	L150 x W140 x H157	1,900~6,500K Amber Light R,G,B,Y;RGB;RGBW	N/A	5°/15°/25°/ 45°/60°/10 x 40°
	FL1PA012	27	12	L150 x W140 x H157			
	FL1PA018	36	16	L203 x W180 x H197			
	FL1PA024	54	24	L203 x W180 x H197			

Drip Series Projection Light

DRIP is a distinctive design inspired by the water-drop, dedicated to landscape lighting. The compact, elegant outlook and the adjustable base make this fixture excellent for different architectures. Moreover, its varying beam angles make this model ideal for individual or grouping applications on various buildings.

AC/DC — DC or AC input
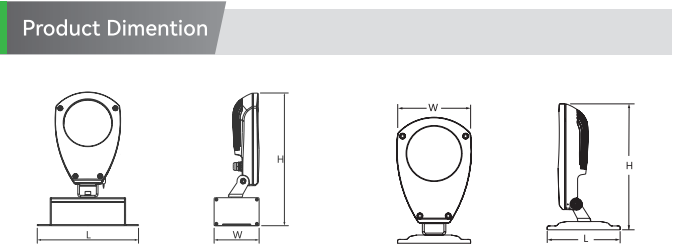
RGB — RGB or Single Color

DMX — DMX Control

IP/IK — Protection IP65/IK09

Beam Angle 6° to 30°

RA>70

Optical Specs

LED Light Source	High Lumen Efficiency 3535 LEDs
LED Color Temperature	1900~6500K (Options: R,G,B,Y and RGB)
Color Rendering Index	Ra>70 (Options: 80)
Light Distribution & LENS Kit	6° / 30°

Electrical Specs

Input	100~220~240V 50/60Hz or DC24V
Power Factor	>0.95
LED Driver	Philips LED Driver(Inventronics/MOSO options)
Dimming	W/O; 1~10V / DALI / Programmable / Motion Sensor
Insulation	Class I

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	50℃
Protection	IP65 / IK10
L80 Hours @ 25℃	>93,000 hours
Housing	Alloy Aluminum + Tempered Glass

Product Dimention

| Product	Model Number	Nominal Power (W)	# of LEDs	Dimensions (mm)	CCT/Color	Control System	Beam Angle
Sphinx A DC Version	FL1KA018	36	18	L103 x W144 x H210	1,900~6,500K	Without / DMX512	6°/30°
	FL1KA018	48	18				
Sphinx B DC Version	FL71A006	9	6	L180 x W80 x H238	1,900~6,500K	Without / DMX512	6°/30°
	FL71A006	12	6				
	FL71A009	18	9				
	FL71A009	24	9				
Sphinx C AC Version	FL1KA018	36	18	L103 x W144 x H210	1,900~6,500K R,G,B,Y; RGB	Without / DMX512	6°/30°
	FL1KA018	48	18				
Sphinx D AC Version	FL71A006	9	6	L113 x W116 x H196	1,900~6,500K R,G,B,Y; RGB	Without / DMX512	6°/30°
	FL71A006	12	6				
	FL71A006	18	9				
	FL71A006	24	9				

Aurora Series Linear & Wall Washer Light

Wall Washer Light

Linear Light
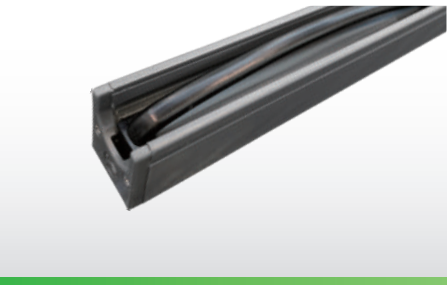
Description

Aurora, a fashionable design that works with most environments harmoniously, uses the high-end extruded 6063 aluminum body. This optimized structure design also ensures better heat radiation, longer LED lifetime and IP level.

In addition, multi-angle and polarized light lens designs meet the demands of various lighting designs and maximize the utilization of the lamp.

AC/DC DC or AC input

RGB RGB or Single Color

DMX DMX Control

IP/IK Protection IP66/IK09

Beam Angle 15° to 120°

RA>70

Optical Specs

|	
LED Light Source	High Lumen Efficiency 3535 or 3030 LEDs
LED Color Temperature	1900~6500K (Options: R,G,B,Y and RGB)
Color Rendering Index	Ra>70 (Options: 80)
Light Distribution & LENS Kit	6° / 15° / 30° / 45° / 60° / 10*60° / 10*45°

Other Specs

Operating Temperature & Humidity	-40℃~50℃ / 10~95RH
Storage Temperature	-20℃~45℃
IP Classification	IP66 / IK08
L80 Hours @ 25℃	>93,000 hours
Material	Aluminum alloy housing +Tempered glass cover

Electrical Specs

Input	100~220~240~365V 50/60Hz
Power Factor	>0.95
LED Driver	Philips LED Driver(Inventronics/MOSO options)
Dimming	W/O; 1~10V / DALI / Programmable / Photocell
Insulation	Class I

Product Dimention
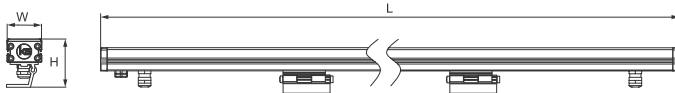
▶ Wall Washer Light

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
DC 24V 1,900~6,500K R.G.B.Y / RGB	WW1K1018	18	18	1,800	1.40	L1000 x W37 x H52
	WW1K1024	24	24	2,400		
	WW1K1036	36	36	3,600		
	WW1KA024	48	24	4,800		
	WW1KA030	54	30	5,400		
DC 24V RGBW	WW1KA032	54	32	–	1.40	
AC 120~240V 1,900~6,500K R.G.B.Y	WW1K1018	18	18	1,800	1.40	L1000 x W37 x H52
	WW1K1024	24	24	2,400		
	WW1K1036	36	36	3,600		
	WW1KA024	48	24	4,800		

▶ Linear Light

Product	Model Number	Nominal Power (W)	# of LEDs	Flux @ 5000K (lm)	Weight(KG)	Dimensions (mm)
DC24V 110° Glass type (Without lens)	WW1L4012	12	36	1,200	1.40	L1000 x W37 x H52
	WW1L4015	15	48	1,500	1.40	
DC 24V Lens type	WW1L4012	12	36	1,200	1.50	L1000 x W37 x H52
	WW1L4012	15	48	1,500	1.50	

Project Reference

Photometric

Luminous Intensity Unit: cd/klm
Type V

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Type V

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Type V

Luminous Intensity Unit: cd/klm
Type V