



TPK OPTOELECTRONIC TECH CO.,LTD

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2025

OUTDOOR

TPK OPTOELECTRONIC TECH CO.,LTD

CONSULTANT

AND ASSISTANT ON PROJECTS,
EXPERT ON OUTDOOR LIGHTING

A company consists of some happy and quite craftman

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LIGHTING SERIES

WELCOME CONSULTATION AND CUSTOMIZATION

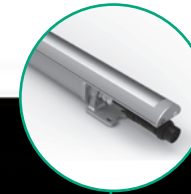
LED SPOT LIGHT



LED SPOT LIGHT



LED LINEAR LIGHT



LED WALL WASHER



LED POOL LIGHT



LED LINEAR LIGHT



LED PIXEL LIGHT



LED WALL WASHER

CORPORATE VALUES

TPK OPTOELECTRONIC TECH CO.,LTD

Toward consumers rigidly

Long-term and resolute fulfillment of the needs and standards Of the niche market's end users.

Perform higher constantly

Continuously hold oneself to higher standards of skill and productivity and strive for improvement.

Keep revolution always

Lifelong learning, continuous innovation, perseverance.



TPK OPTOELECTRONIC TECH CO.,LTD, is located in Dongfeng town, Zhongshan city, Guangdong province, which is in the central position among Guangzhou (Baiyun airport), Shenzhen (Bao'an airport) and Zhuhai (Jinwan airport), close to Guangzhu West Highway (Dongfu Exit) and Guangzhu railway station / Xiaolan station, with very convenient transportation. We have nearly 10,000 square meters of the building area, included office, exhibition hall, workshops and dormitories...etc.

Since the founding of international sales department in 2002 and the establishment of the manufacturing center in 2005, TPK is always devoting to the development, manufacturing and application of LED products, and provides value-added services for the customers. Every year we extract 5% of total annual amount to improve and develop products with much higher quality. At present, we already have kinds of related design patents for our products and have applied ETL CCC, CE, RoHS certificates. Besides, we have adopted ERP system, CRM system, ISO quality system to achieve comprehensive information offices and help to improve the management efficiency in our company, which is enable us to respond quickly and accurately to customers, meet customers' individual needs and promote customer satisfactions. In 2018, we also obtained the enterprise qualification certificate and safety production license in the construction industry.

We own a team of sincere unity, diligent study and hard-working. Meanwhile, we adhere to the philosophy of "altruism, evaluation and inheritance". From research and development to production, from logistics to whole solutions, TPK team is always supporting and helping our customers at any time. In the past twenty years, we have developing steadily and keeping the policy of quality first, provide services to more than 50 countries and regions in the world consistently. Our professional knowledge, prudent attitude and perfection to details earn high praises from our customers. We are proud of the TPK brand and convinced that it will be your trustworthy and reliable partner as well as friend.



LIGHTING CONTROL

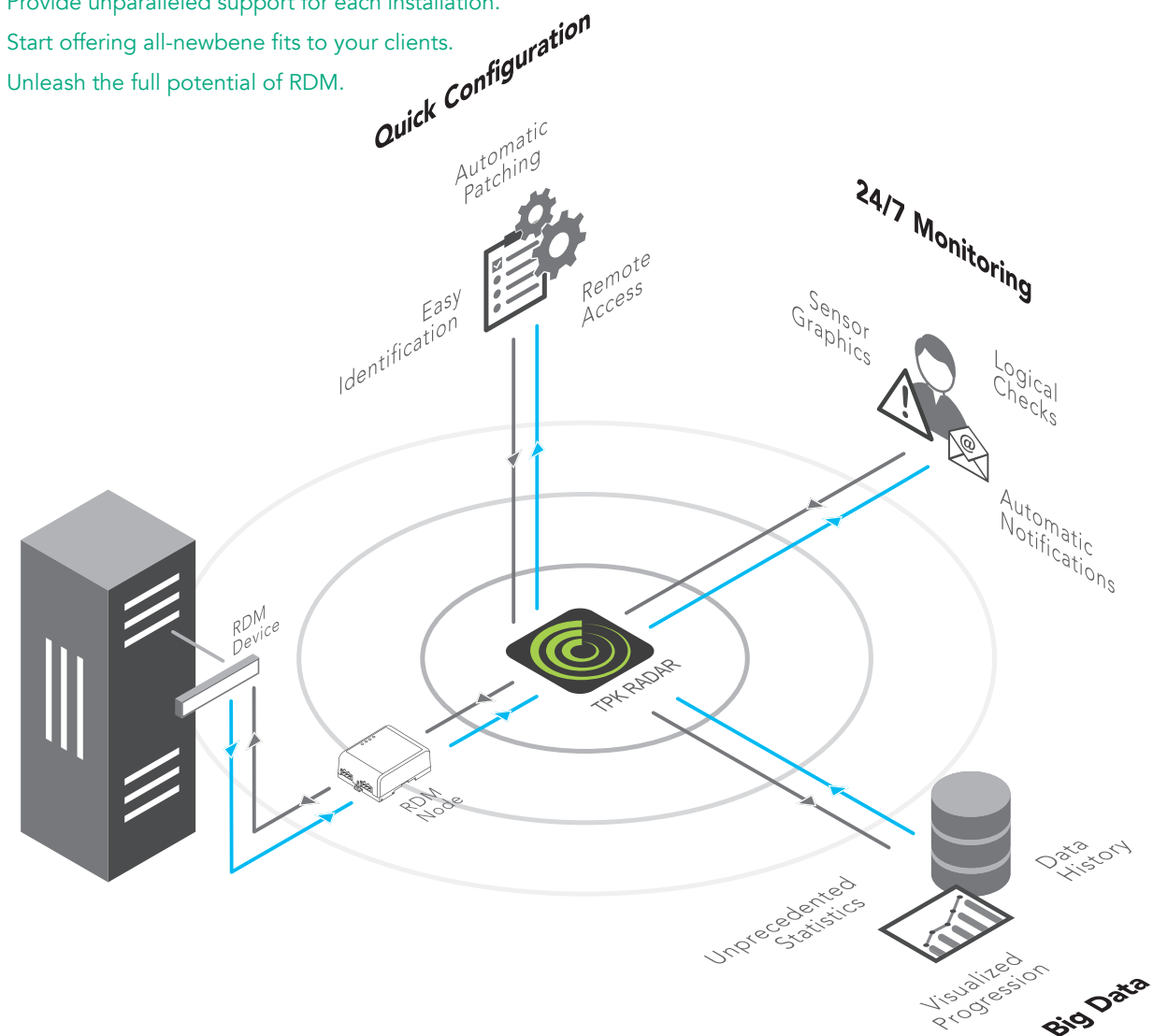
POWERFUL PRODUCTS FOR CREATIVE LED LIGHTING

Overview. Visualize how it works.

Provide unparalleled support for each installation.

Start offering all-new benefits to your clients.

Unleash the full potential of RDM.

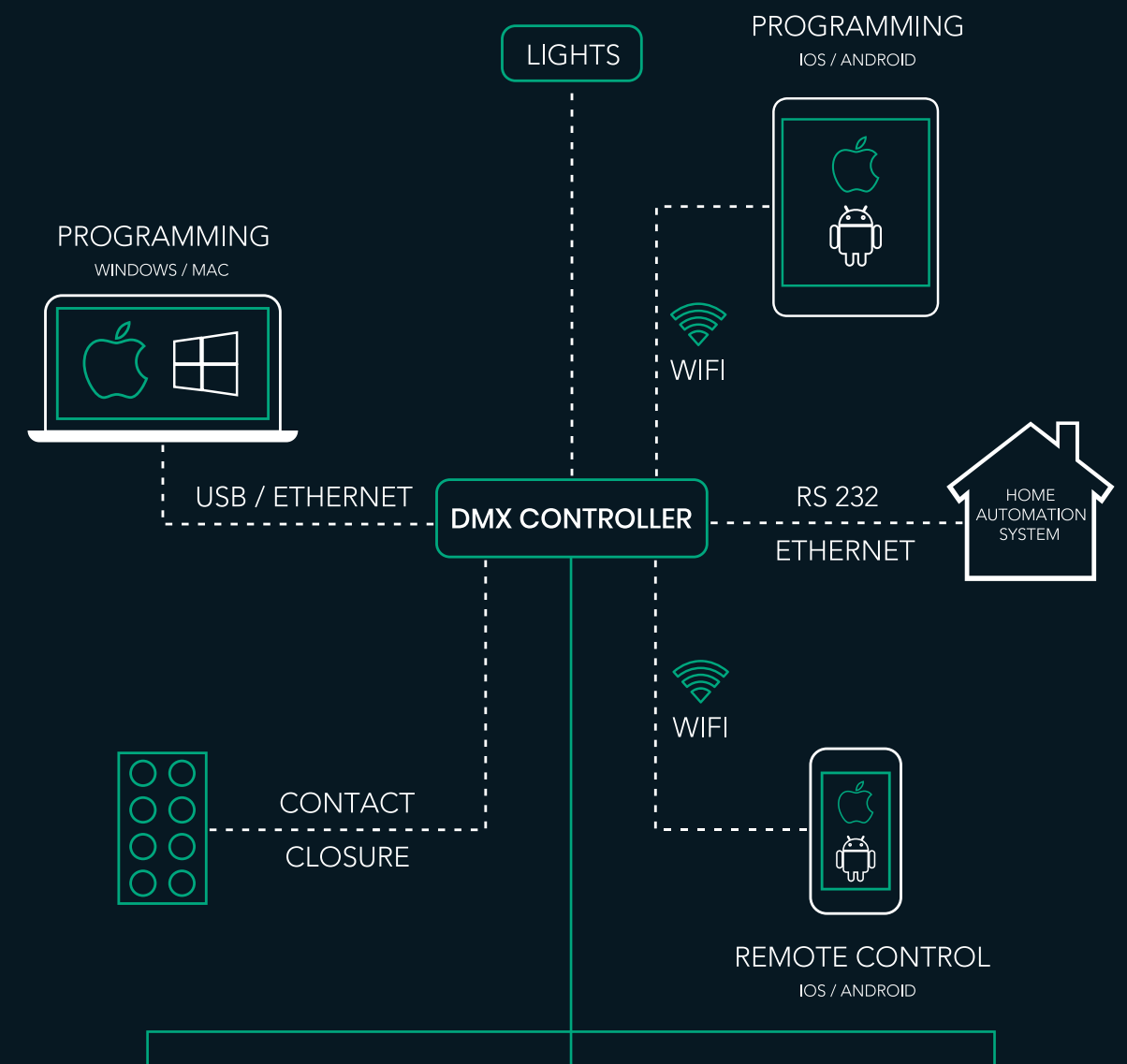


- All of TPK products can compatible with DMX512, RDM, DALI, 0-10V dimming and other control modes, collocate with pixel addressing and constant power technology, can achieve more abundant color changing and higher lumen output.
- Some of products support voice, remote control, APP and other intelligent control modes, increase the

convenience of usage and control.

- Compatible with the main controller system all over the world, high grayscale and high refresh rate, no flicker.
- Independent differential signal processing chip, high quality signal cable with shielded wire, can reach super long distance of signal transmission.

Programming, triggering, integration and more...



DMX control:

DMX offers precise and dynamic lighting control, making it ideal for complex lighting setups like stage performances and architectural displays. It supports individual control of multiple fixtures, enabling synchronized color changes, dimming, and patterns.

VD control:

It supports a large number of LEDs in a single chain, offering flexibility for projects of varying sizes without significant complexity; Compared to other advanced protocols, VD systems are typically simpler in hardware design, reducing overall implementation costs;

0-10V Control:

This method is simple, cost-effective, and highly reliable. It is commonly used for dimming applications, offering smooth and gradual light adjustments without requiring advanced programming or infrastructure.

Maximizing LED Performance

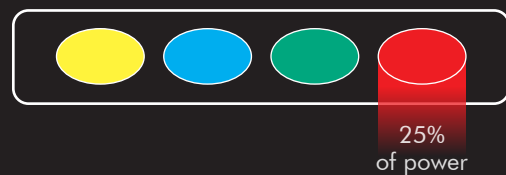
PowerMax is a groundbreaking output optimization technology specifically designed to enhance the performance of multi-channel LED luminaires. By intelligently managing power distribution, PowerMax unlocks the full potential of each luminaire, ensuring significantly higher output while maintaining exceptional light quality.

Key Advantages of PowerMax:

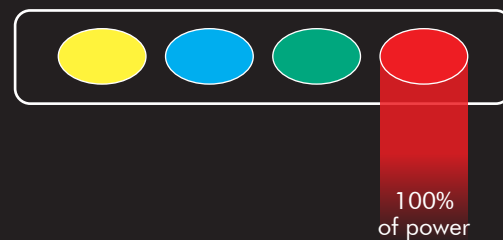
1. Superior Lumen Output: PowerMax optimizes power allocation, allowing for greater light output, perfect for demanding applications such as architectural and facade lighting.
2. Enhanced Color Saturation: PowerMax directs additional power to specific color channels, delivering more vibrant and saturated colors, ideal for dynamic and visually impactful installations.
3. Energy Efficient: This technology maximizes power utilization, reducing the number of luminaires needed to achieve desired effects, leading to lower installation and operational costs.
4. Consistent Quality: Despite the increase in output, PowerMax ensures consistent, high-quality light across all channels, maintaining the integrity of your lighting design.
5. Cost-Effective: Fewer luminaires are needed for the same output, lowering project costs and simplifying installation.

PowerMax continues to push the boundaries of lighting technology, providing innovative solutions for high-end architectural projects worldwide.

Without PowerMax



With PowerMax



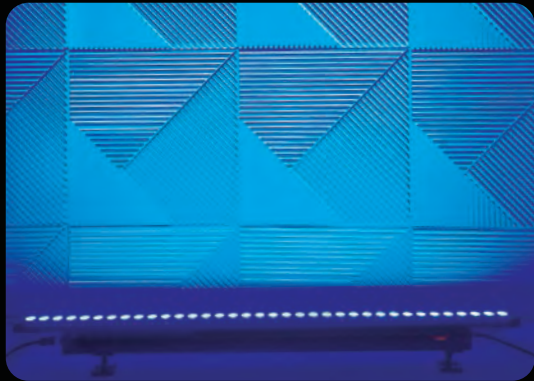
1. Stable Brightness: Monochromatic light can achieve the full lamp power without being affected by power supply fluctuations, with a maximum value of 55 lm/W.
2. Energy Saving and Environmental Protection: The constant power solution can effectively control energy consumption, minimize energy waste, and reduce usage costs.
3. Extended Lifespan: The constant power design reduces current fluctuations in the lighting fixtures, extending the product's service life and enhancing the product's stability and reliability.
4. Optimized Experience: The stable brightness output is conducive to the unification of white balance and the consistency of light color, making it particularly suitable for high-end settings.

Maximizing LED Performance

Unleashing Brilliance

LED WALL WASHER SERIES

- Graduated bracket
- Structural waterproof
- Easy to maintain
- Multiple control mode
- High lumen output
- A variety of anti-glare design



PowerMax lighting effect

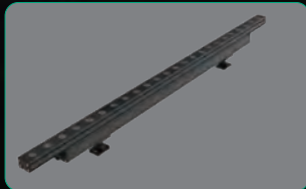


Normal lighting effect

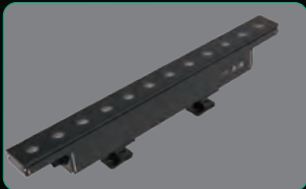
Optional Lamp of maximizing LED performance



LWW-PZT-W38A
(Low voltage version)



LWW-PZT-W38A
(High voltage version)



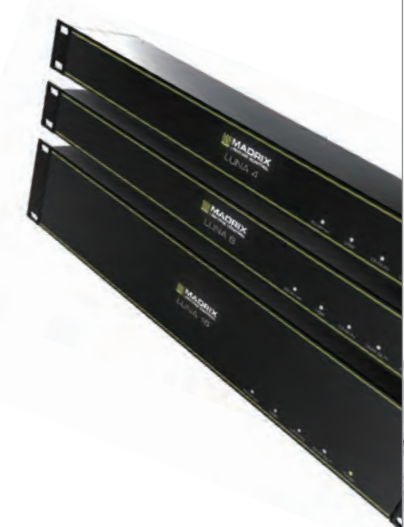
LWW-WZB-W55
(High voltage version)



LWW-WZB-W55-Silver case
(High voltage version)

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LED WALL WASHER

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LWW-PZT-W38



Customizable multi-pixel lighting effects

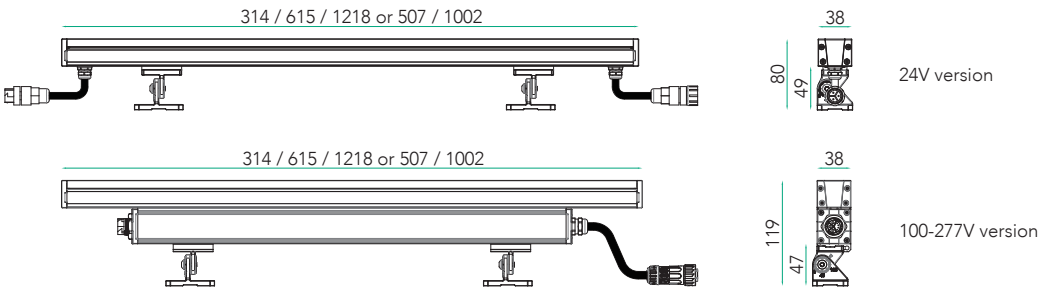


- 1. High power, high luminous efficacy (white color achieve to 130 lm/W, RGBW version achieve to 45 lm/W);
- 2. Integrated structure design is better for heat dissipation;
- 3. Aviation aluminum material, rotatable bracket with scale, rotation angle is more accurate and controllable.
- 4. High voltage input, suitable to different project requirements;
- 5. A variety of control mode optional, DMX/RDM (Constant power, Pixel addressing), Dimming mode (0-10V, DALI), Steady color, etc.;



Dimension

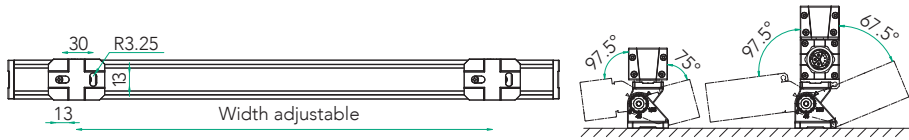
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LWW-PZT-W38A-L3	9W	W RGBW	1080 lm 405 lm	L314×W38×H80/119mm	0.7kg/0.9kg±5% 16Units/Ctn 71.5×31×32.5cm
LWW-PZT-W38A-L5	18W	W RGBW	2160 lm 810 lm	L507×W38×H80/119mm	0.9kg/1.3kg±5% 10 Units/Ctn 54×32×28cm
LWW-PZT-W38A-L6	18W	W RGBW	2160 lm 810 lm	L615×W38×H80/119mm	1.0kg/1.5kg±5% 12Units/Ctn 67×48.5×25.5cm
LWW-PZT-W38A-L10	36W	W RGBW	4320 lm 1620 lm	L1002×W38×H80/119mm	1.5kg/2.3kg±5% 10Units/Ctn 105.5×33×25.5cm
LWW-PZT-W38A-L12	36W	W RGBW	4320 lm 1620 lm	L1218×W38×H80/119mm	1.7kg/2.6kg±5% 8Units/Ctn 127×31×32.5cm

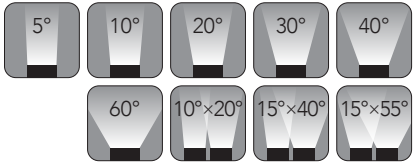
Installation instruction



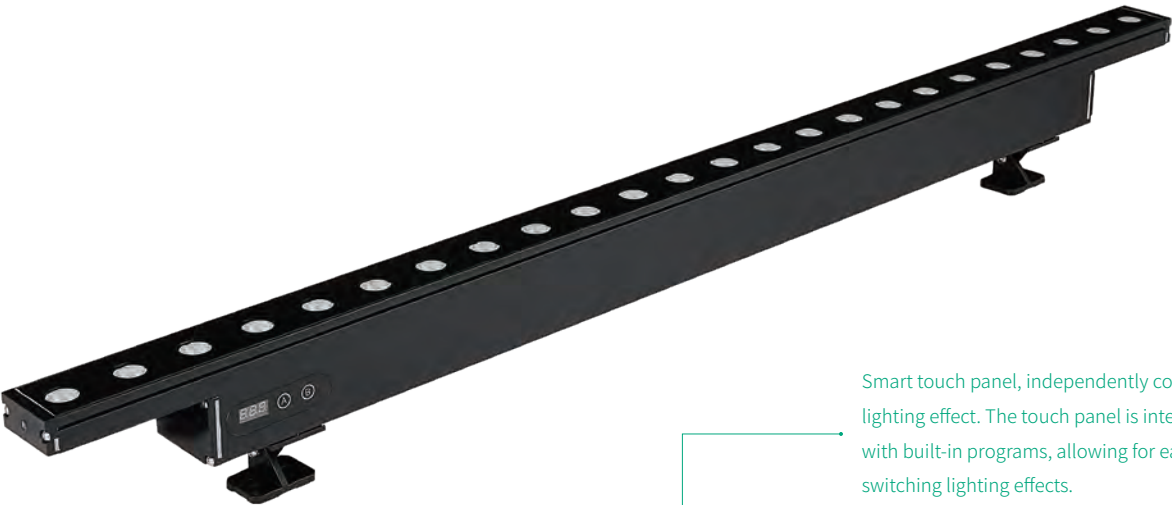
Optional accessories



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



LWW-WZB-W55



Smart touch panel, independently control the lighting effect. The touch panel is integrated with built-in programs, allowing for easy switching lighting effects.

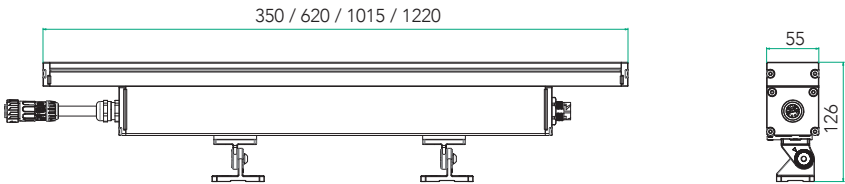
Customizable multi-pixel lighting effects

- 1. High power, high luminous efficacy (white color achieve to 130 lm/W, RGBW version achieve to 50 lm/W);
- 2. Integrated structure design is better for heat dissipation;
- 3. Aviation aluminum material, rotatable bracket with scale, rotation angle is more accurate and controllable.
- 4. Integrated design of touch display board, balanced on artistic and technological sense;
- 5. High voltage input, suitable to different project requirements;
- 6. A variety of control mode optional, DMX/RDM (Constant power, Pixel addressing), Dimming mode (0-10V, DALI), Steady color, etc.;



Dimension

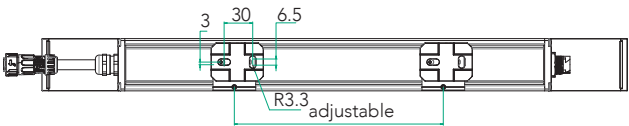
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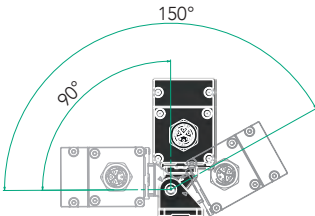
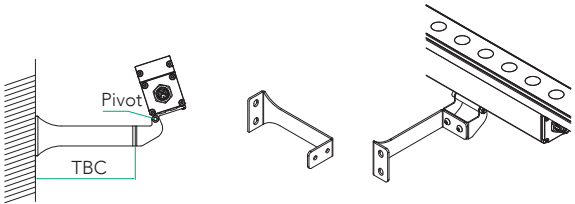
Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LWW-WZB-W55-L3	18W	W RGBW	1660 lm 900 lm	L350×W55×H126mm	1.5±5%Kg 16Units/Ctn 82×44×34.5cm
LWW-WZB-W55-L6	35W	W RGBW	3220 lm 1750 lm	L620×W55×H126mm	2.5±5%Kg 8 Units/Ctn 67.5×43.5×34.5cm
LWW-WZB-W55-L10	55W	W RGBW	5060 lm 2750 lm	L1015×W55×H126mm	4.1±5%Kg 6Units/Ctn 108.5×33.5×34.5cm
LWW-WZB-W55-L12	65W	W RGBW	5980 lm 3250 lm	L1220×W55×H126mm	4.7-±5%Kg 4Units/Ctn 129×23×34.5cm

Installation instruction



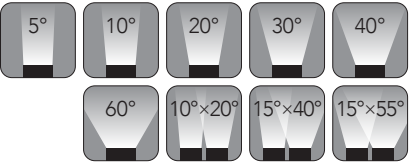
Extended bracket



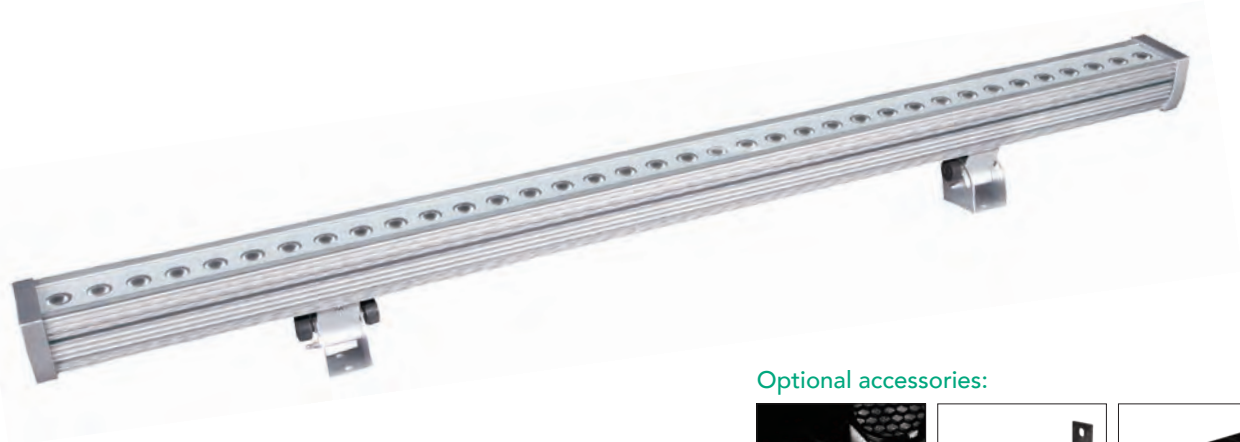
Optional accessories



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



LWW-DMH-W80



Optional accessories:



anti-glare lens



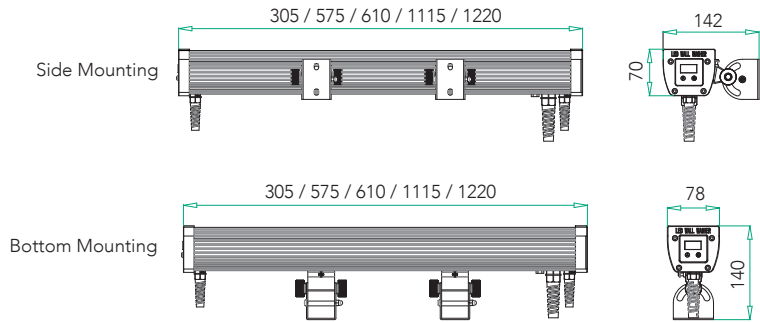
anti-glare grille

- 1. Multi-layer waterproof structure ensures greater stability and reliability for outdoor applications.
- 2. High brightness and low energy consumption meet large-area lighting needs.
- 3. Supports intelligent(Tuya/Voice/RDM) control and dynamic lighting effects, adaptable to various scenes.
- 4. Optional multi-angle lenses with anti-glare design provide uniform light distribution, enhancing architectural aesthetics.
- 5. High-quality aluminum heat dissipation design with excellent corrosion resistance, effectively extending LED lifespan.
- 6. Flexible installation structure with multi-angle adjustments allows precise Lighting of the desired area.
- 7. Equipped with quick connectors, installation process is simplified.



Dimension

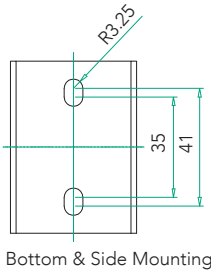
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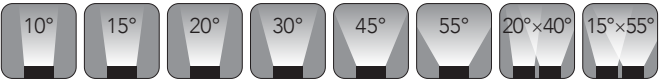
Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LWW-DMH-W80-L3	12W	W	840 lm	L305×W78×H140	2.1±5%Kg
		R+G+B	420 lm		8 Units/Ctn
		RGBW	510 lm		75.5×30.5×37cm
LWW-DMH-W80-L5	20W	W	1400 lm	L575×W78×H140	3.5±5%Kg
		R+G+B	700 lm		4 Units/Ctn
		RGBW	850 lm		65.5×30.5×37cm
LWW-DMH-W80-L6	20W	W	1400 lm	L610×W78×H140	3.6±5%Kg
		R+G+B	700 lm		4 Units/Ctn
		RGBW	850 lm		71.5×30.5×37cm
LWW-DMH-W80-L10	40W	W	2800 lm	L1115×W78×H140	5.3±5%Kg
		R+G+B	1400 lm		4 Units/Ctn
		RGBW	1700 lm		120×30.5×37cm
LWW-DMH-W80-L12	40W	W	2800 lm	L1220×W78×H140	5.6±5%Kg
		R+G+B	1400 lm		4 Units/Ctn
		RGBW	1700 lm		131.5×30.5×37cm

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



LWW-W150

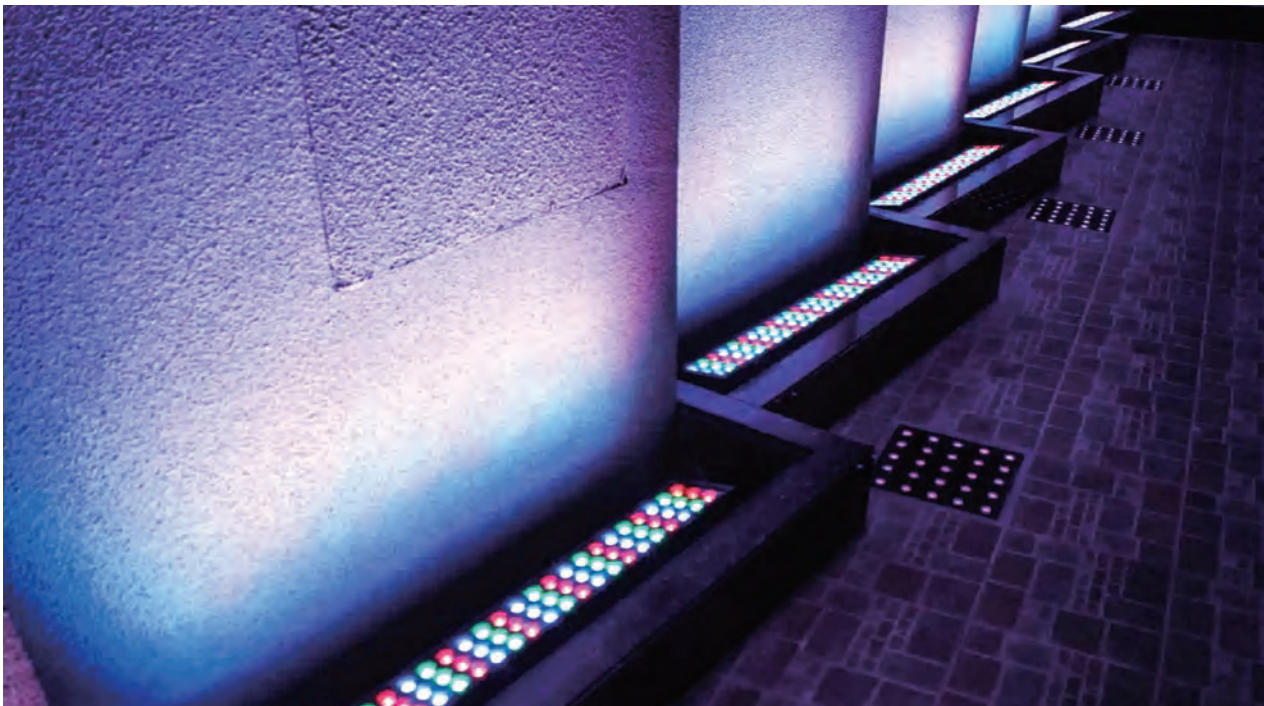


- 1. Multi-layer waterproof structure ensures greater stability and reliability for outdoor applications.
- 2. High brightness and low energy consumption meet large-area lighting needs.
- 3. Supports intelligent(Tuya/Voice/RDM) control and dynamic lighting effects, adaptable to various scenes.
- 4. Flexible installation structure with multi-angle adjustments allows precise Lighting of the desired area.

Optional accessories:

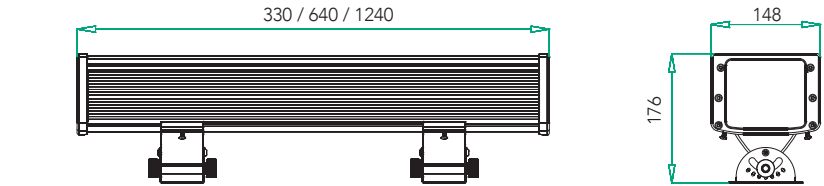


anti-glare lens



Dimension

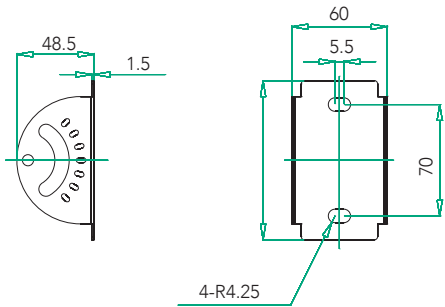
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LWW-W150-L3	40W	RGB	1400 lm	L330×W148×H176mm	3.0kg±5%
		W,WW,NW	2800 lm		4Units/Ctn
		RGBW	1700 lm		81×49×24cm
LWW-W150-L6	70W	RGB	2450 lm	L640×W148×H176mm	6.4kg±5%
		W,WW,NW	4900 lm		2Units/Ctn
		RGBW	2975 lm		71×49×24cm
LWW-W150-L12	140W	RGB	4900 lm	L1240×W148×H176mm	10kg±5%
		W,WW,NW	9800 lm		1Units/Ctn
		RGBW	5950 lm		130×23.5×24cm

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



LWW-OP-D80

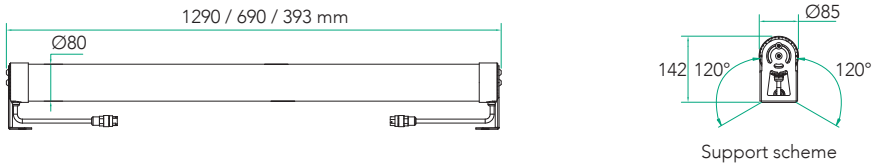


- 1. Anti-UV and Anti-yellowing in 3 years at least;
Dust-resistant and corrosion-resistant design of PC round tube, could be self-cleaning;
- 2. Achieve to IP68, IK09 protection, passed the IP69K test, suitable for underwater lighting.
- 3. Widely used for decorating and highlighting building frames, gardens, underwater, car wash, modern farm and so on.
- 4. Can be operated in both independent mode and DMX mode, generating various color-changing effects, such as flashing, fading, steady color, multi-color jumping, etc.



Dimension

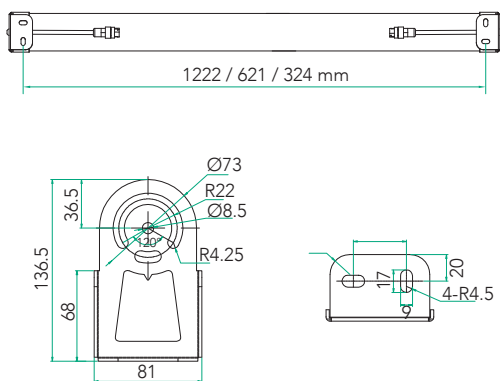
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LWW-OP-D80-L3	9W	W RGBW	800 lm 500 lm	L393×D80mm	1.3±5%kgs 9Units/Ctn 42.5×39×40cm
	15W	W RGBW	1400 lm 1000 lm		
LWW-OP-D80-L6	18W	W RGBW	1674 lm 1044 lm	L690×D80mm	2.5±5%kgs 6Units/Ctn 71.5×39×27.5cm
	30W	W RGBW	2800 lm 2000 lm		
LWW-OP-D80-L12	36W	W RGBW	3348 lm 2088 lm	L1290×D80mm	4.4±5%kgs 4Units/Ctn 132.5×26.5×27.5cm
	60W	W RGBW	3800 lm 5600 lm		

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K





LED LINEAR LIGHT

02

LLS-OP-W20A/B	28
LLS-OP-W30A	30
LLS-OP-W30B	32
LLS-OP-W30C	34
LLS-WZB-W40	36
LLS-OP-D50	38
LLS-COVE-W40	40

LLS-OP-W20A/B

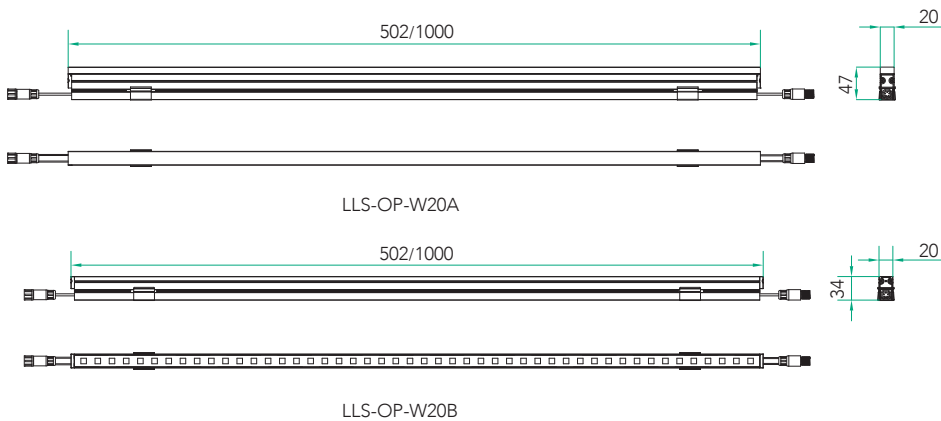


- 1. structure waterproof, IP66/IK10, outdoor to make better reliability;
- 2. seamless splicing design, uniform light, splicing without shadow;
- 3. high quality PMMA diffusion anti UV material, 5 years anti yellowing;
- 4. the lamp body adopts 6063 aluminum, surface oxidation treatment, heat dissipation and anti-corrosion performance is high;
- 5. the control scheme has constant bright and DMX512 protocol, the system is stable and reliable;
- 6. slim size more suitable for narrow slot installation.



Dimension

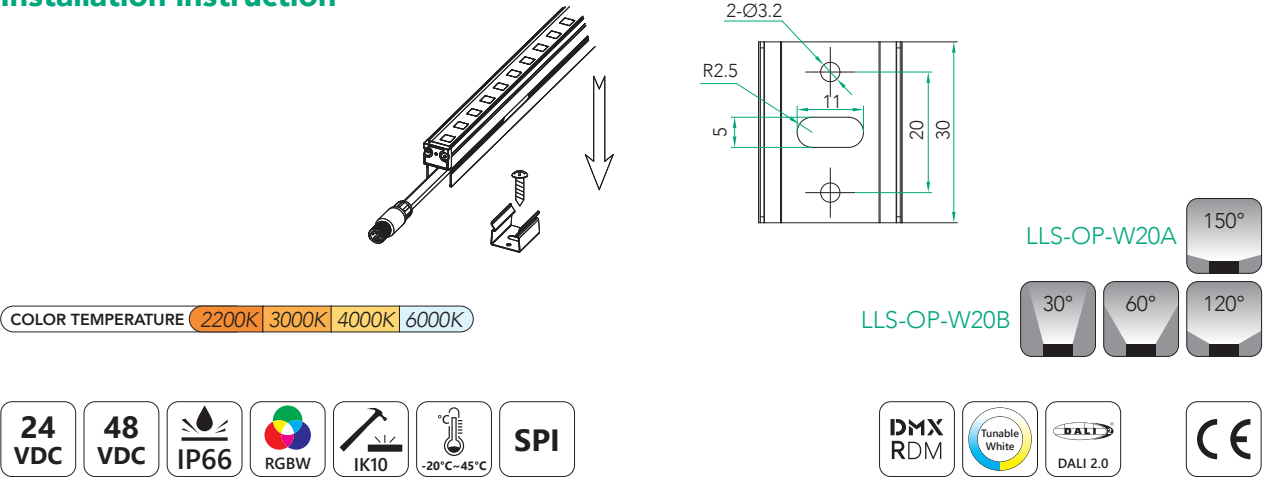
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LLS-OP-W20A-L5	6W	RGB W	105 lm 320 lm	L502×W20×H47mm	0.55kg±5%kg 40Units/ctn 103.5×32×22.5cm
LLS-OP-W20A-L6	8W	RGBW W	135 lm 430 lm	L610×W20×H47mm	0.63kg±5%kg 20Units/ctn 125.5×32×22.5cm
LLS-OP-W20A-L10	12W	RGBW W	205 lm 650 lm	L1000×W20×H47mm	0.93±5%kg 20Units/ctn 103.5×32×22.5cm
LLS-OP-W20A-L12	16W	RGBW W	270 lm 865 lm	L1220×W20×H47mm	1.05kg±5%kg 20Units/ctn 125.5×32×22.5cm
LLS-OP-W20B-L5	6W	RGBW W	115 lm 365 lm	L502×W20×H34mm	0.55kg±5%kg 40Units/ctn 103.5×32×22.5cm
LLS-OP-W20A-L6	8W	RGBW W	150 lm 490 lm	L610×W20×H34mm	0.63kg±5%kg 20Units/ctn 125.5×32×22.5cm
LLS-OP-W20B-L10	12W	RGBW W	230 lm 730 lm	L1000×W20×H34mm	0.93±5%kg 20Units/ctn 103.5×32×22.5cm
LLS-OP-W20B-L12	16W	RGBW W	305 lm 975 lm	L1220×W20×H34mm	1.05kg±5%kg 20Units/ctn 125.5×32×22.5cm

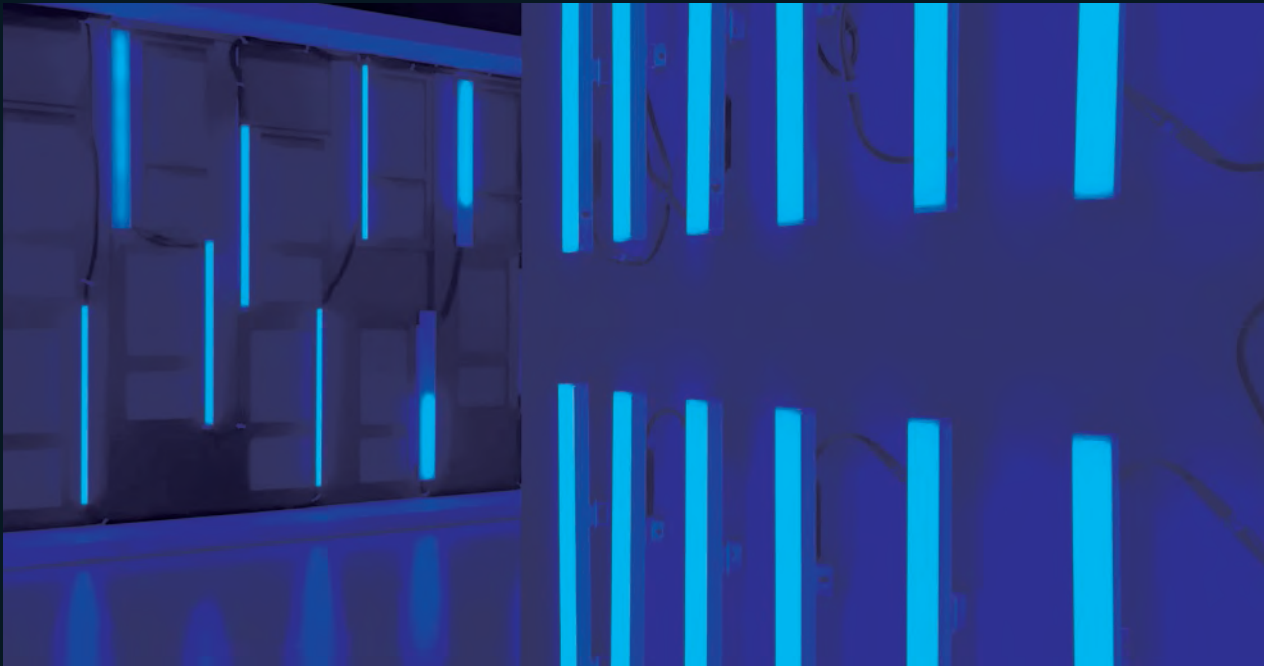
Installation instruction



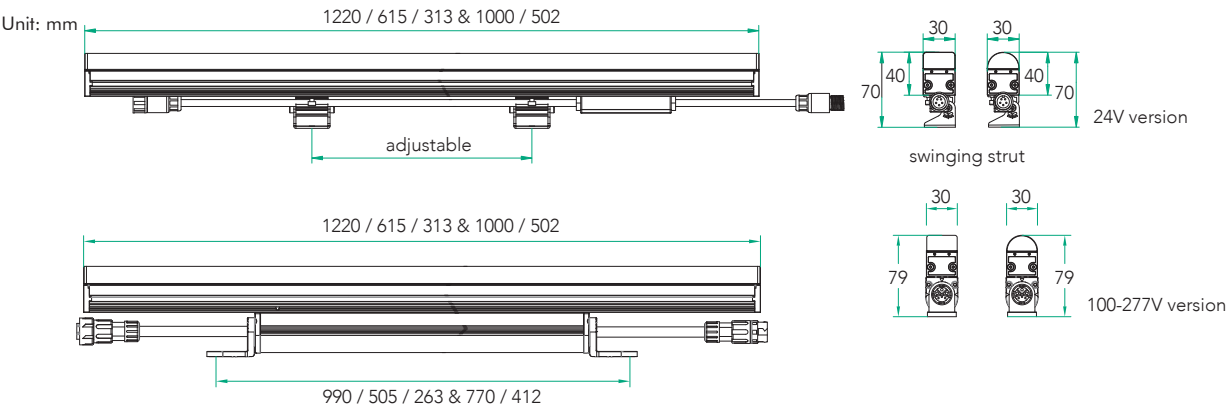
LLS-OP-W30A



- 1. Structural waterproof
Seamless connection, uniform lighting effect
- 2. High quality PC diffusing material, anti-UV and anti-yellowing in 3 years at least;
Even lighting effect, high luminous efficacy (could customize the cover of square shape);
- 3. 6063 aluminum fixture body, surface of oxidation resistance treatment, better heat dissipation and anti-corrosion performance;
- 4. A variety of control mode optional, DMX/RDM (Pixel addressing), Dimming mode (0-10V, DALI), Steady color, etc.;
- 5. The snap-fit installation method suitable to install in narrow or special space.



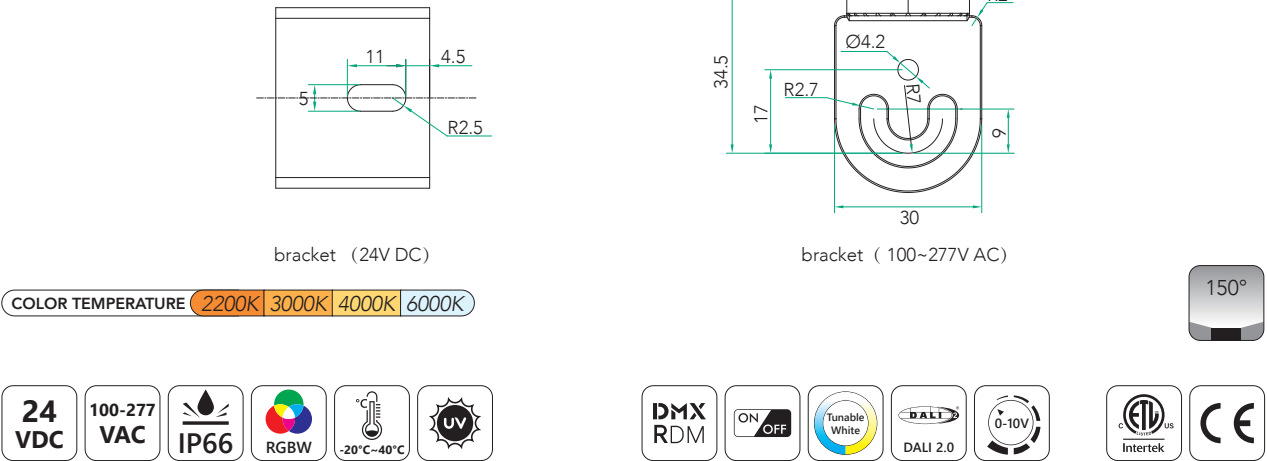
Dimension



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LLS-OP-W30A-L3 (24V DC)	6W	RGBW W	108 lm 150 lm	L313×W30×H70mm	0.29±5%kgs 40Units/Ctn 66×32×22.5cm
LLS-OP-W30A-L6 (24V DC)	12W	RGBW W	216 lm 300 lm	L615×W30×H70mm	0.58±5%kgs 20Units/Ctn 66×32×22.5cm
LLS-OP-W30A-L12 (24V DC)	24W	RGBW W	432 lm 600 lm	1220×W30×H70mm	1.16±5%kgs 20Units/Ctn 125.5×32×22.5cm
LLS-OP-W30A-L3 (100-277V AC)	7W	RGBW W	126 lm 175 lm	L313×W30×H79mm	0.85±5%kgs 24Units/Ctn 66×32×22.5cm
LLS-OP-W30A-L6 (100-277V AC)	14W	RGBW W	252 lm 350 lm	L615×W30×H79mm	1.15±5%kgs 12Units/Ctn 66×32×22.5cm
LLS-OP-W30A-L12 (100-277V AC)	28W	RGBW W	504 lm 700 lm	1220×W30×H79mm	1.75±5%kgs 12Units/Ctn 125.5×32×22.5cm

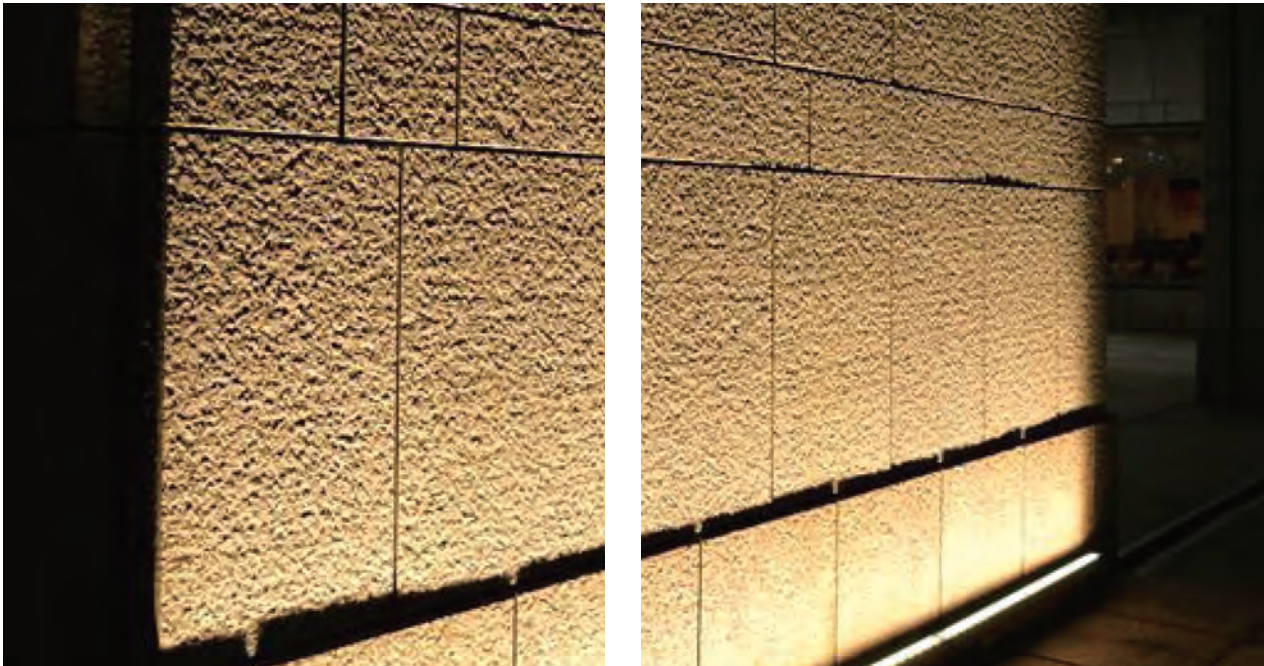
Installation instruction



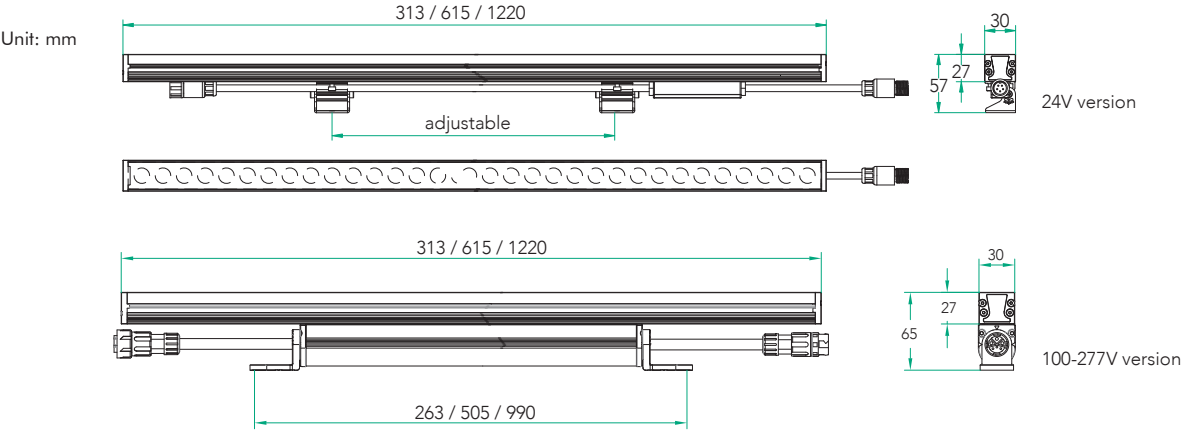
LLS-OP-W30B



- 1. Structural waterproof
- 2. Tempered glass with high luminousness, good performance on impact resistance;
- 3. 6063 aluminum fixture body, surface of oxidation resistance treatment, better heat dissipation and anti-corrosion performance;
- 4. A variety of control mode optional, DMX/RDM (Pixel addressing), Dimming mode (0-10V, DALI), Steady color, etc.;
- 5. Various anti-glare shields can be optional upon request.



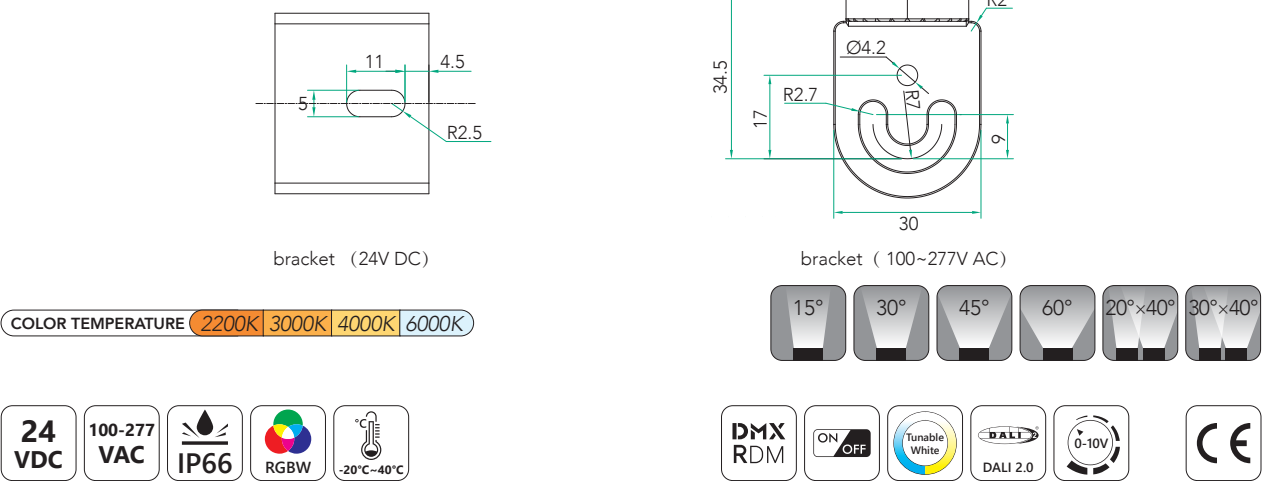
Dimension



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LLS-OP-W30B-L3 (24V DC)	6W	RGBW W	168 lm 270 lm	L313×W30×H57mm	0.32±5%kgs 32Units/Ctn 66×32×22.5cm
LLS-OP-W30B-L6 (24V DC)	11W	RGBW W	308 lm 495 lm	L615×W30×H57mm	0.64±5%kgs 16Units/Ctn 66×32×22.5cm
LLS-OP-W30B-L12 (24V DC)	21W	RGBW W	588 lm 945 lm	1220×W30×H57mm	1.28±5%kgs 16Units/Ctn 125.5×32×22.5cm
LLS-OP-W30B-L3 (100-277V AC)	7W	RGBW W	196 lm 315 lm	L313×W30×H57mm	0.89±5%kgs 24Units/Ctn 66×32×22.5cm
LLS-OP-W30B-L6 (100-277V AC)	12W	RGBW W	336 lm 540 lm	L615×W30×H57mm	1.23±5%kgs 12Units/Ctn 66×32×22.5cm
LLS-OP-W30B-L12 (100-277V AC)	24W	RGBW W	672 lm 1080 lm	1220×W30×H57mm	1.91±5%kgs 12Units/Ctn 125.5×32×22.5cm

Installation instruction



LLS-OP-W30C

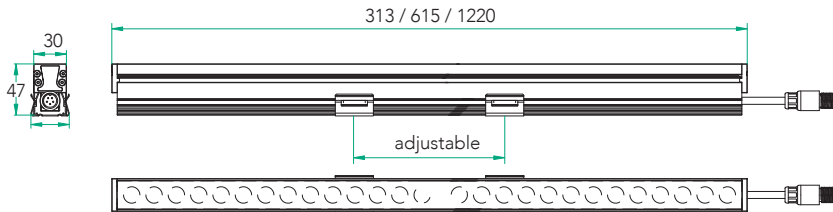


- 1. Structural waterproof
- 2. Tempered glass with high luminousness, good performance on impact resistance;
- 3. 6063 aluminum fixture body, surface of oxidation resistance treatment, better heat dissipation and anti-corrosion performance;
- 4. A variety of control mode optional, DMX/RDM (Pixel addressing), Dimming mode (0-10V, DALI), Steady color, etc.;
- 5. Hiding cable design by the fixture structure, simple appearance;



Dimension

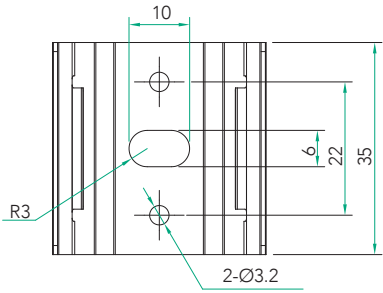
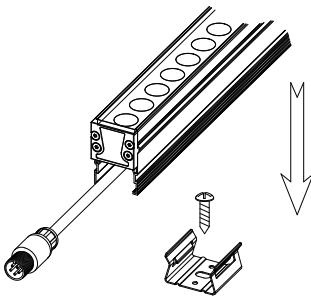
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LLS-OP-W30C-L3 (24V DC)	6W	RGBW W	168 lm 270 lm	L313×W30×H47mm	0.40±5%kgs 32 Units/Ctn 66×32×22.5cm
LLS-OP-W30C-L6 (24V DC)	11W	RGBW W	308 lm 495 lm	L615×W30×H47mm	0.70±5%kgs 16 Units/Ctn 66×32×22.5cm
LLS-OP-W30C-L12 (24V DC)	21W	RGBW W	588 lm 945 lm	1220×W30×H47mm	1.30±5%kgs 16Units/Ctn 125.5×32×22.5cm

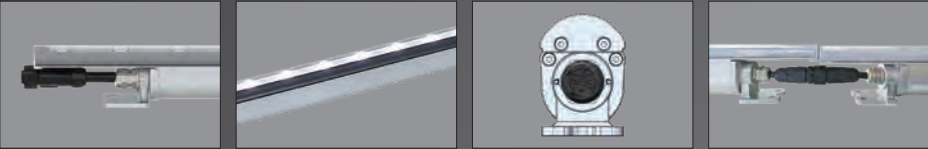
Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



LLS-WZB-W40

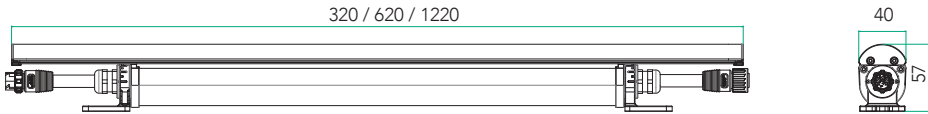


- 1. Compact and stylish high-power integrated waterproof (IP66) heat dissipation structure, simple yet reliable.
- 2. Seamless splicing with a self-locking connector for easier and more convenient installation.
- 3. Integrated loose-free infinite rotation bracket, recessed slot adjustment for greater convenience, and scale indicators for more precise alignment.
- 4. Optical lighting with a choice of multiple angles, and secondary optical design to adapt to various lighting application needs.
- 5. Wide voltage power input, various electronic control methods (RDM/DMX/DIM (0-10V)/Steady) showcase powerful functionality.



Dimension

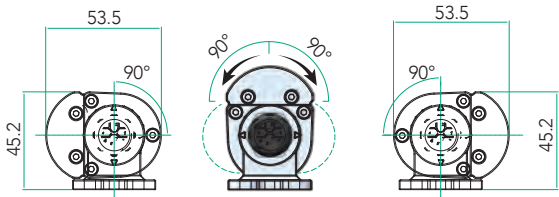
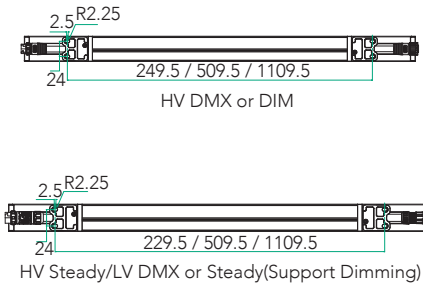
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LLS-WZB-W40-L3	8W	RGBW W	420 lm 700 lm	L320×W40×H57mm	0.55±5%kgs 20Units/Ctn 76×49.5×25cm
LLS-WZB-W40-L6	15W	RGBW W	790 lm 1300 lm	L620×W40×H57mm	0.9±5%kgs 15Units/Ctn 68.5×49.5×36cm
LLS-WZB-W40-L12	30W	RGBW W	1575 lm 2600 lm	L1220×W40×H57mm	1.65±5%kgs 10Units/Ctn 128.5×49.5×25cm

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



LLS-OP-D50

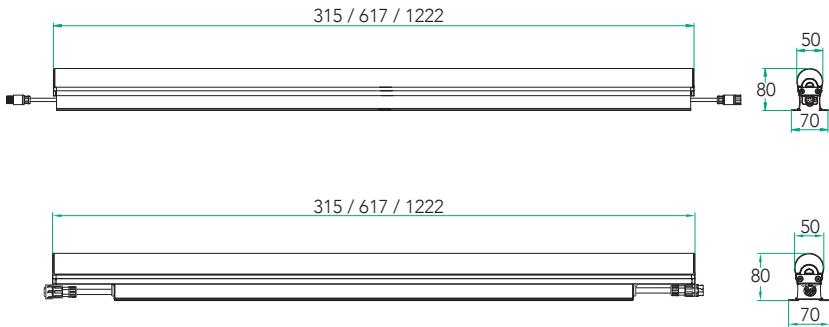


- 1. High quality PC diffusing material, used with the double extruded technology of PC outside+ glass inside, anti-UV and anti-yellowing in 3 years at least;
- 2. Ultra-thin design of end cover, achieve seamless connection;
- 3. Even lighting effect, luminous efficacy up to 60 lm/W Max.
- 4. Achieve to IP66, IK08 protection;
- 5. Support different installation method, such as surface mounting, bracket mounting, Spring clips mounting, etc.;
- 6. High voltage (100~277VAC) and low voltage (24VDC) are available, suitable to different project requirements;
- 7. A variety of control mode optional, DMX/RDM, steady color, etc.



Dimension

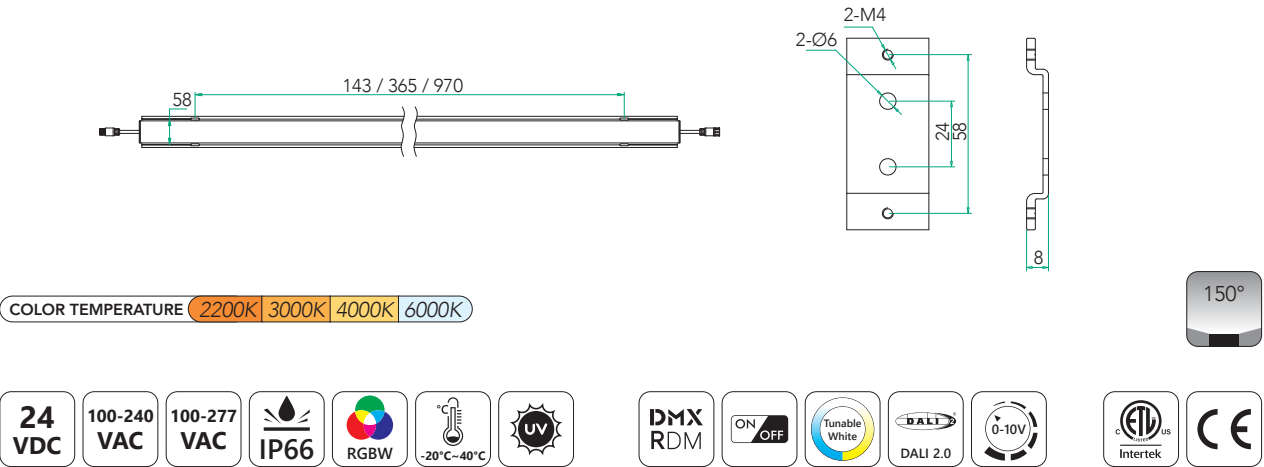
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LLS-OP-D50-L3 (24V DC)	7W 8W	W RGBW	350 lm 285 lm	L315×W50×H80mm	0.55±5%kgs 24Units/Ctn 66×32×33cm
LLS-OP-D50-L6 (24V DC)	14W 16 W	W RGBW	700 lm 560 lm	L617×W50×H80mm	0.95±5%kg 12 Units /ctn 66×32×33cm
LLS-OP-D50-L12 (24V DC)	28W 32W	W RGBW	1400 lm 1120 lm	L1222×W50×H80mm	1.90±5%kg 12Units /ctn 125.5×32×33cm
LLS-OP-D50-L3 (100-277V AC)	8W 9W	W RGBW	400 lm 315 lm	L315×W50×H80mm	0.60±5%kg 24 Units /ctn 66×32×33cm
LLS-OP-D50-L6 (100-277V AC)	16W 18 W	W RGBW	800 lm 630 lm	L617×W50×H80mm	1.10±5%kg 12 Units /ctn 66×32×33cm
LLS-OP-D50-L12 (100-277V AC)	32W 36W	W RGBW	1600 lm 1160 lm	L1222×W50×H80mm	2.10±5%kg 12Units /ctn 125.5×32×33cm

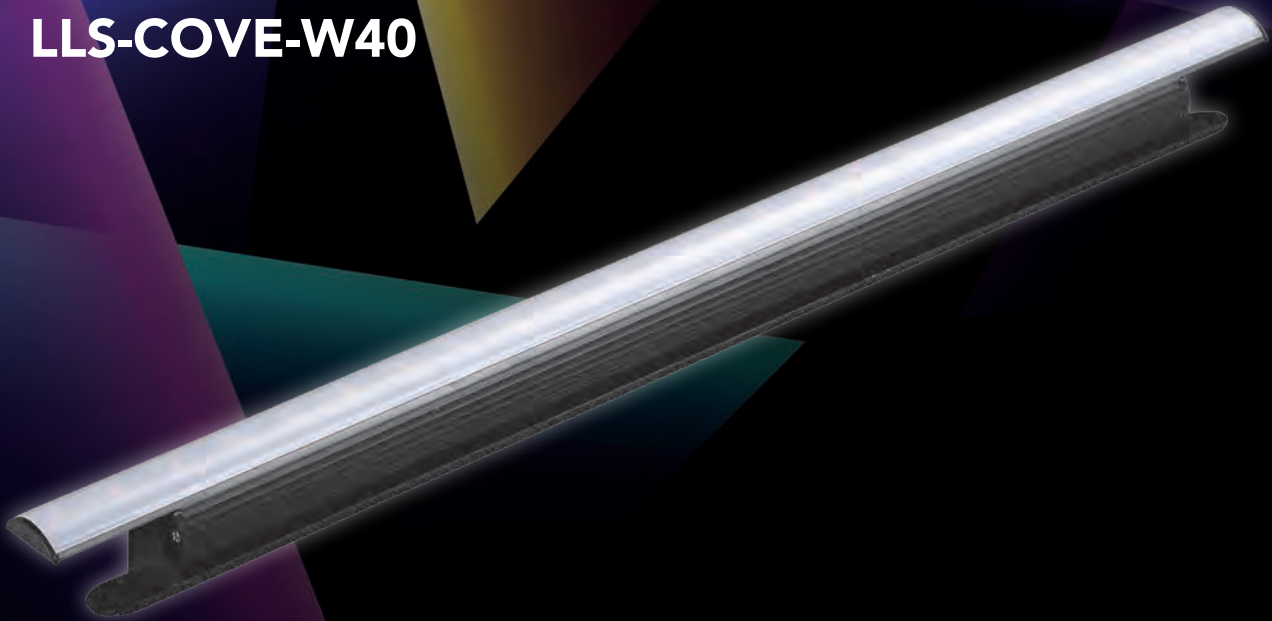
Installation instruction



indoor applications

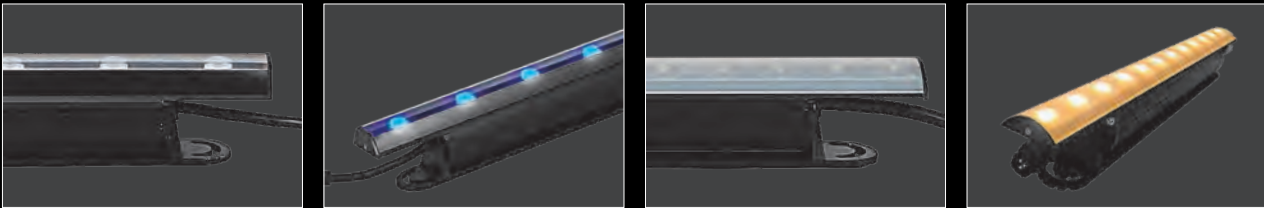
COVE LIGHT

LLS-COVE-W40



- * Mini Size
- * High Luminous Efficiency
- * Dimmable
- * Adjustable Beam Angle
- * Seamless Splicing

- Ceiling recessed installation with a loose-free, infinite rotation bracket for more convenient angle adjustment.
- Flush mounting allows for seamless splicing.
- Optical lighting with a choice of multiple angles to meet various lighting application needs.
- Wide voltage input, various control methods (RDM/DMX/DIM (0-10V)/Steady) highlight powerful functionality.

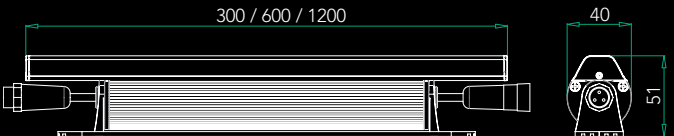


COLOR TEMPERATURE 2200K 3000K 4000K 6000K

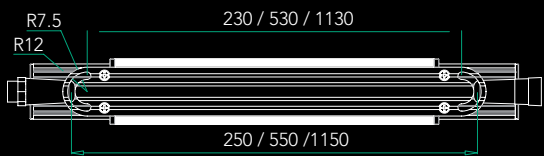


Dimension

Unit: mm



Installation instruction



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LLS-COVE-W40-L3	8W	RGBW W	500 lm 720 lm	L300×W40×H45/51mm	0.35±5%kgs 12Units/Ctn 70×27×22cm
LLS-COVE-W40-L6	15W	RGBW W	1000 lm 1400 lm	L600×W40×H45/51mm	0.75±5%kgs 16Units/Ctn 65.5×42×34.5cm
LLS-COVE-W40-L12	30W	RGBW W	1900 lm 2850 lm	L1200×W40×H45/51mm	1.5±5%kgs 16Units/Ctn 125.5×42×34.5cm



LED SPOT LIGHT

03

SP-EA-R40A/100A/120A 44

SP-PZT-R110/135/170 46

SP-DKP-F170A 48

SP-F310A/B 50

SP-F620A 52

SP-EA-R40A/100A/120A

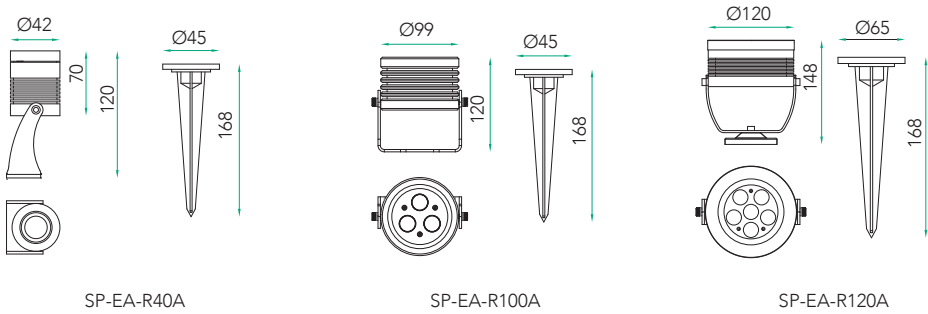


- 1. High brightness and efficacy: Providing sufficient brightness while ensuring energy efficiency.
- 2. Waterproof and dustproof: Typically requires a high level of water and dust resistance (IP65).
- 3. Long lifespan: Reduces the frequency of maintenance and replacement.
- 4. Easy installation: Simple to install and adjust to fit different installation environments.



Dimension

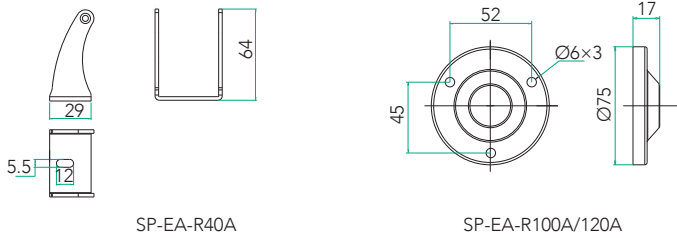
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
SP-R40A-3P	3W	R+G+B	120 lm	Ø42×H120/288mm	0.35±5%kgs 50Units/Ctn 38×38×31cm
SP-R40A-1P	3W	RGBW W	135 lm 240 lm	Ø42×H120/288mm	0.35±5%kgs 50Units/Ctn 38×38×31cm
SP-R100A-9P	9W	R+G+B	360 lm	Ø99×H138/307mm	1.0±5%kgs 18Units/Ctn 40×40×38.5cm
SP-R100A-3P	9W	RGBW W	405 lm 720 lm	Ø99×H138/307mm	1.0±5%kgs 18Units/Ctn 40×40×38.5cm
SP-R120A -18P	18W	R+G+B	720 lm	Ø120×H148/323mm	1.2±5%kgs 18Units/Ctn 40×40×38.5cm
SP-R120A -6P	18W	RGBW W	810 lm 1440 lm	Ø120×H148/323mm	1.2±5%kgs 18Units/Ctn 40×40×38.5cm

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



SP-PZT-R110/135/170

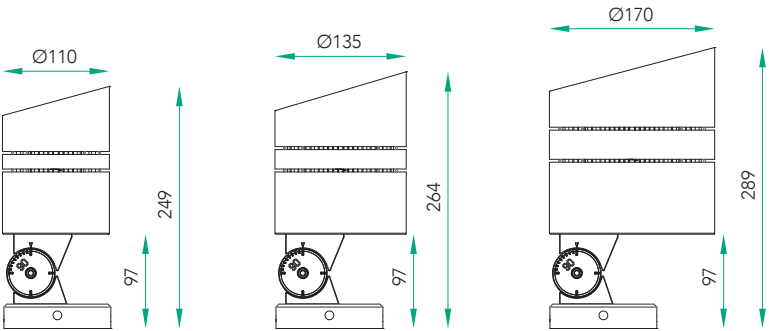


- 1. High brightness and efficacy: Providing sufficient brightness while ensuring energy efficiency.
- 2. Easy installation: Simple to install and adjust to fit different installation environments.
- 3. Aesthetic design: Coordinates with the surrounding environment and can even serve as a decorative element.
- 4. Uniform beam distribution: Provides even lighting to avoid areas that are too bright or too dark.
- 5. Anti-glare design: Reduces direct glare to provide a comfortable visual experience.



Dimension

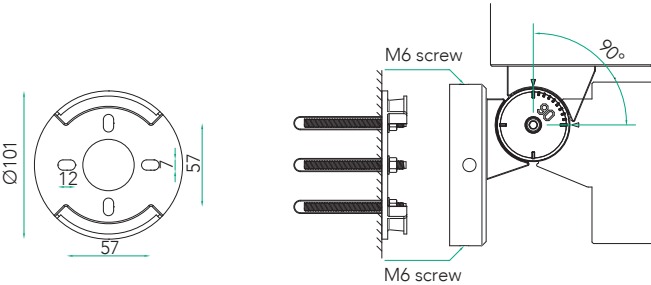
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
SP-PTZ-R110	20W	RGBW	900 lm	Ø110×H249mm	1.8±5%kg 4Units/Ctn 51×51×29cm
SP-PTZ-R135	30W	RGBW	1500 lm	Ø135×H264mm	3.1±5%kg 4Units/Ctn 58.8×30×57.5cm
SP-PTZ-R170	50W	RGBW	2900 lm	Ø170×H289mm	4.5±5%kg 4Units/Ctn 61.5×31.5×60cm

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



SP-DKP-F170A

- 1. Structural waterproof
- 2. Maximum power (48Wx4)
- 3. High voltage input, DMX512/RDM control
- 4. RGBW mode has good mixing effect
- 5. Suitable for ultra-low temperature environment
Color of lamp body can be customized
- 6. It also integrated into the built environment during the day
- 7. Bracket appearance fashion, well structure, scale adjustment and installation is simple



LED SPOT LIGHT

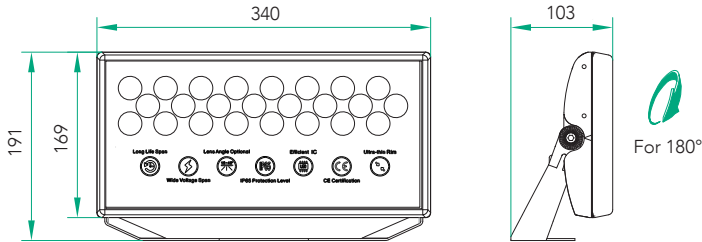


Model Info & Specification

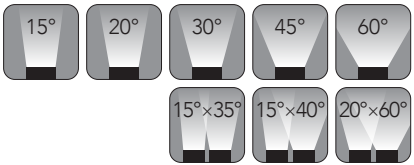
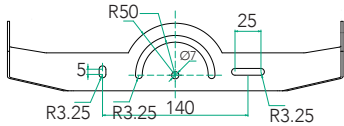
Model	Power	Colors	Lumen	Size	Package
SP-DKP-F170A-24P	48W×4	RGBW	2314 lm	L340×W191×H103mm	3.3±5%kgs 4 Units/ctn 53×44×33cm
SP-DKP-F170A-36P	60W	W	4500 lm	L340×W191×H103mm	4.3±5%kgs 4 Units/ctn 53×44×33cm

Dimension

Unit: mm



Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



SP-F310A/B



SP-F310A-40P



SP-F310A-36P



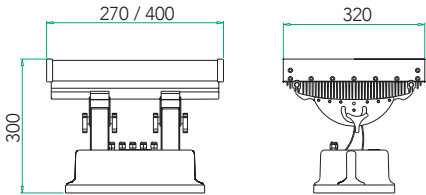
SP-F310B-72P

- 1. IP65; Structure waterproof
- 2. High voltage input, DMX512/RDM control
- 3. Maximum power 150W;
- 4. RGBW mode has good mixing effect;
- 5. Suitable for ultra-low temperature environment



Dimension

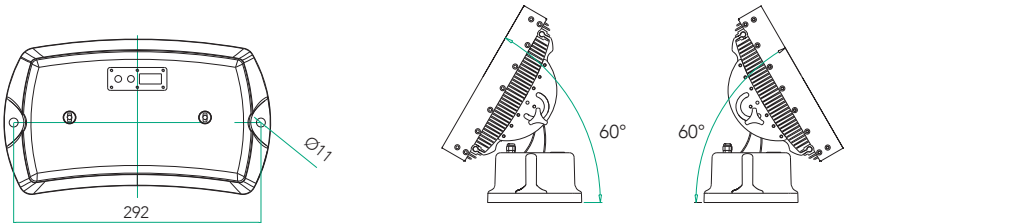
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
SP-F310A-36P	75W	R+G+B W	2409 lm	L270×W320×H290mm	11±5%kgs 1Unit/ctn 40×38×40cm
SP-F310A-72P	150W	R+G+B W	4900 lm	L400×W320×H290mm	14.5±5%kgs 1Unit/ctn 50×45.5×30cm
SP-F310A-40P	150W	RGBW	11000 lm	L400×W320×H290mm	14.5±5%kgs 1Unit/ctn 50×45.5×30cm
SP-F310B-36P	75W	R+G+B W	2409 lm	L270×W320×H300mm	11±5%kgs 1Unit/ctn 40×38×40cm
SP-F310B-72P	150W	R+G+B W	4900 lm	L400×W320×H300mm	14.5±5%kgs 1Unit/ctn 49×40×40cm
SP-F310B-52P	150W	RGBW	11000 lm	L400×W320×H300mm	14.5±5%kgs 1Unit/ctn 49×40×40cm

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



SP-F620A

- 1. IP65; Structure waterproof
- 2. High voltage input, DMX512/RDM control
- 3. Double head and double Angle design can adapt to different building heights
- 4. Detachable bracket for easy installation
- 5. Optimal Optic LENS Small size,good heat dissipation
- 6. Narrow beam angle 3°

LED SPOT LIGHT



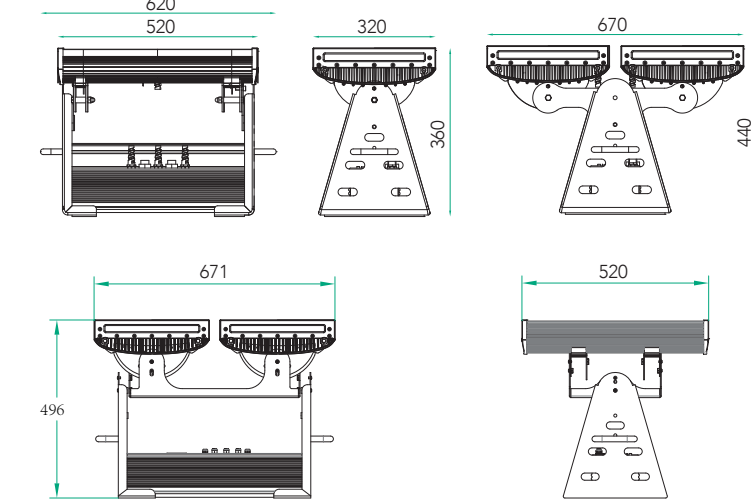
- Multi-Angle Rotation
- Independent Distribution
- Super Power

Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
SP-F620A-72P	250W	RGBW	11000 lm	L320×W620×H360mm	25.5kgs 1 Units/Ctn 62×58×52cm
SP-F620A-144P	500W	RGBW	21000 lm	L670×W620×H440mm	42.5kgs 1 Units/Ctn 73×72×61cm
SP-F620A-108P	250W	W	16500 lm	L320×W620×H360mm	25.5kgs 1 Units/Ctn 62×58×52cm
SP-F620A-216P	500W	W	33000 lm	L670×W620×H440mm	42.5kgs 1 Units/Ctn 73×72×61cm

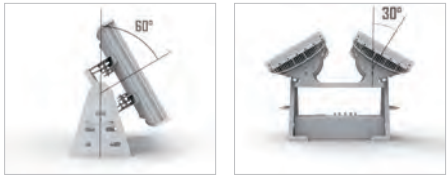
Dimension

Unit: mm



COLOR TEMPERATURE 2200K 3000K 4000K 6000K

Installation instruction





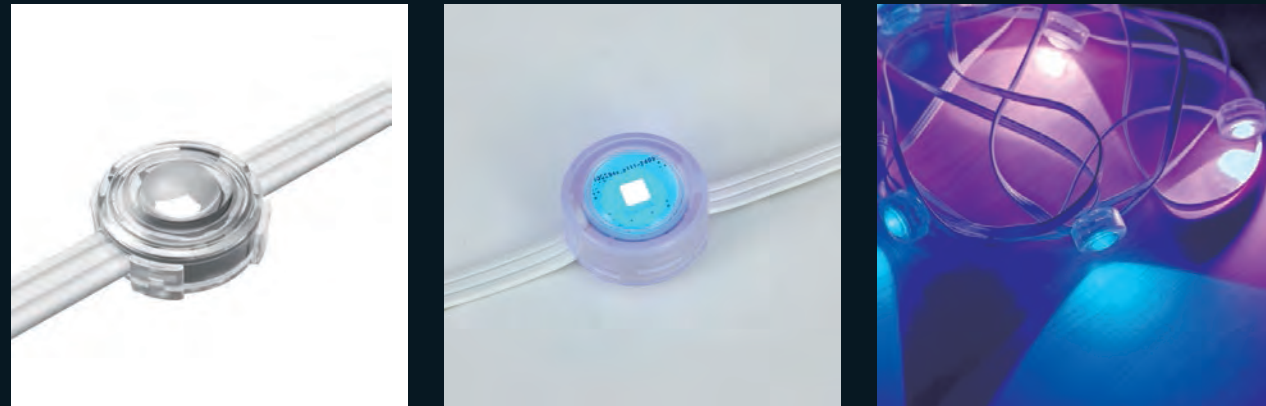
LED PIXEL MODULE

04

LPM-LH-R30
LPM-R30/45/60

56
58

LPM-LH-R30

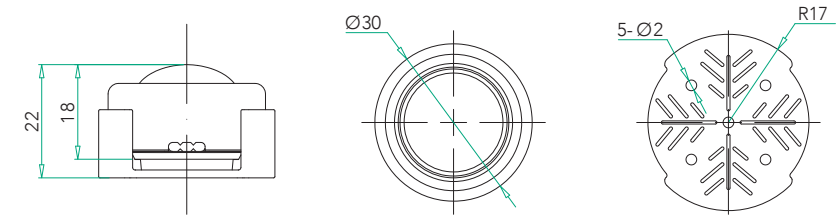


- Exquisite looks but not simple: perfectly integrated with the applications, specially for any eaves , holidays decorations and etc.
- Convenient and funny multiple controlling optional - App control and Rometer
- Longer operating distance: up to 36meter per string



Dimension

Unit: mm



Model Info & Specification

Model	Quantity of lights	Power	Colors	Lumen	Size	Package
LPM-LH-R30-24V DC	60 LEDs	60W	RGB	25lm / per light	Ø 30X H18mm/ per light	1.61±5%Kg 12Unit/ Ctn 32×21×15cm
LPM-LH-R30-24V DC	72 LEDs	72W	RGB	25lm / per light	Ø 30X H18mm/ per light	1.69±5%Kg 12Unit/ Ctn 32×21×15cm
LPM-LH-R30-36V DC	60 LEDs	60W	RGB	35lm / per light	Ø 30X H18mm/ per light	1.61±5%Kg 12Unit/ Ctn 32×21×15cm
LPM-LH-R30-36V DC	72 LEDs	72W	RGB	35lm / per light	Ø 30X H18mm/ per light	1.69±5%Kg 12Unit/ Ctn 32×21×15cm

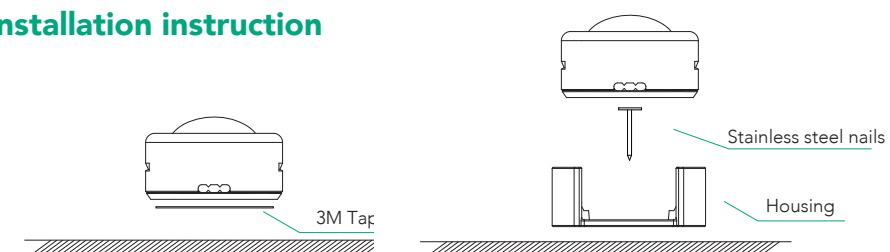
* Power Input(Adapter): 100-240V AC 50 / 60Hz

Smart Controller-Series

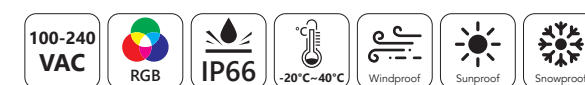
- App and RF Remote control , Voice control is supported(Amazon Alexa and Google Assistant)
- dimming and Multi color adjustment, multiple dynamic effects, and can DIY dynamic effects;
- Playlist mode,play it by combining the sequence of different lighting effects.
- Smear function mode, can independently control each pixel;
- Music and MIC Mode,Support synchronization of lighting with music or microphone



Installation instruction



* The string lights are installed in a modular manner, providing convenience for future replacements.



LPM-R30/45/60



LPM-R30



LPM-R45



LPM-R60

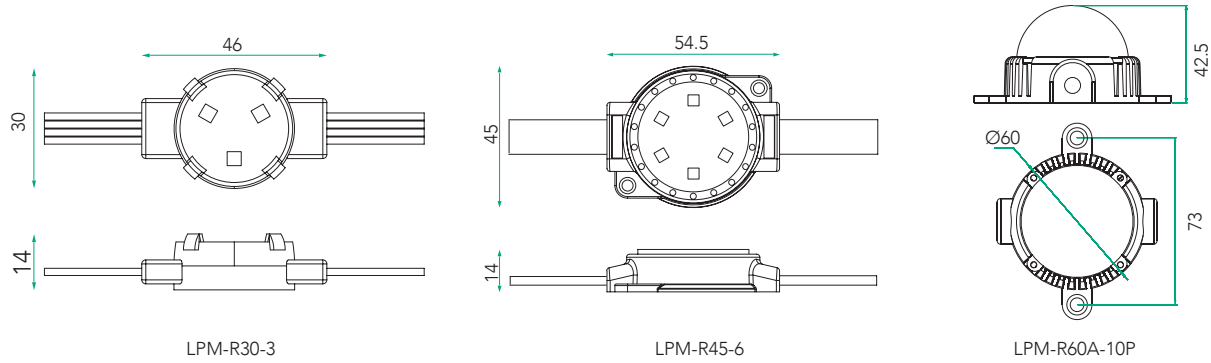
- 1. New generation DMX512 parallel bus technology design
- 2. Integrated buckle connection design
- 3. High -guide thermal glue full irrigation and waterproof design
- 4. The product is flexible, flexible application, and multiple options for installation



LED PIXEL MODULE

Dimension

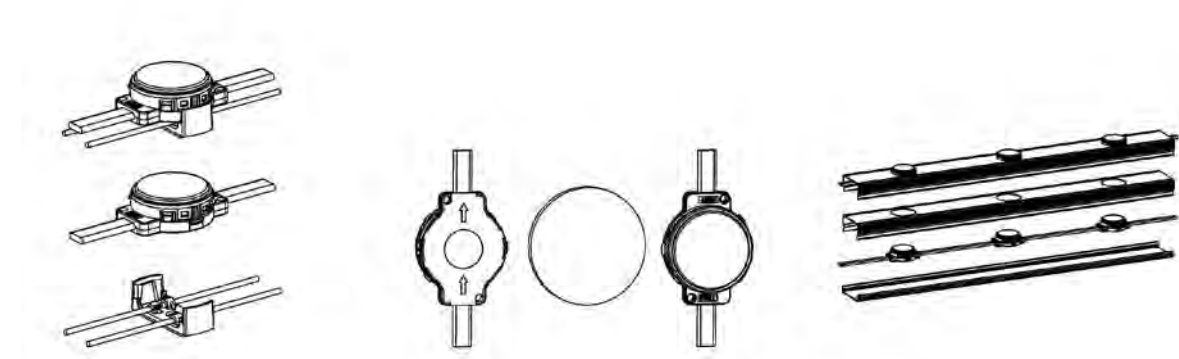
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LPM-R30-3	1W	RGB RGBW	40 lm 55 lm	Ø30×H14mm	0.03±5%Kg 200 Units/Ctn 40×32×28cm
LPM-R45-6	1.5W	RGB RGBW	60 lm	Ø45×H14mm	0.04±5%Kg 200 Units/Ctn 52.5×33×27cm
LPM-R60A-10P	3W	RGB RGB+W RGBW	60 lm	D60×H42.5mm	150g 6Units/Ctn 129×33.5×34.5cm

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



LED POOL LIGHT

05

LPL-PAR56

62

LPL-R255B

64

LPL-R180/210

66

LPL-PAR56

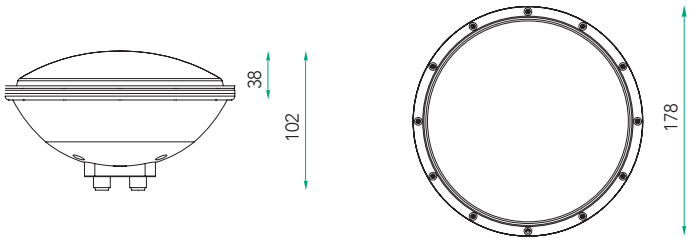


- Structure + pot-sealing double waterproof
- lamp and embedded bucket separation design, easy to replace the traditional carding halogen bulbs
- 24 kinds of built-in functions, provide a variety of color effect options



Dimension

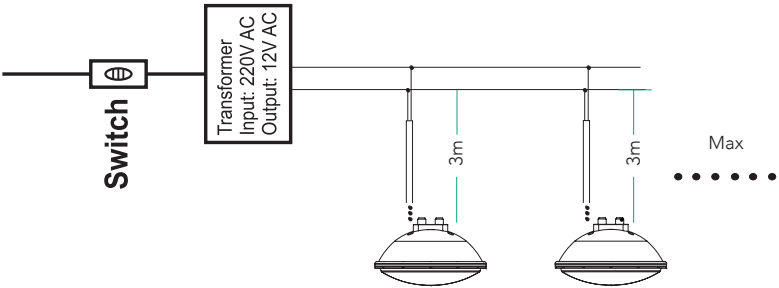
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LPL-PAR56-12P	20W	RGBW	1000 lm	Ø178×H102mm	1.07±5%kgs 6Units/Ctn 108.5×33.5×34.5cm
LPL-PAR56-18P	20W	RGB WW/NW/WW	900 lm 1800 lm	Ø178×H102mm	1.07±5%kgs 6Units/Ctn 129×33.5×34.5cm

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



LPL-R255B

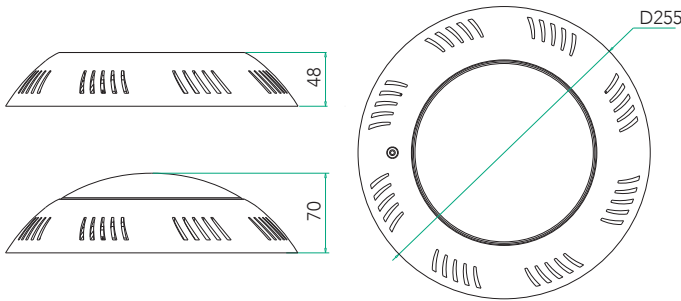


- 1. Special Switch controlling for RGB/ RGBW, with switcher
- 2. IP68 ,suitable for various water environments
- 3. Easy Installation: wall mounted without any embedded parts
- 4. Multiple Cover optional, transparent or diamond



Dimension

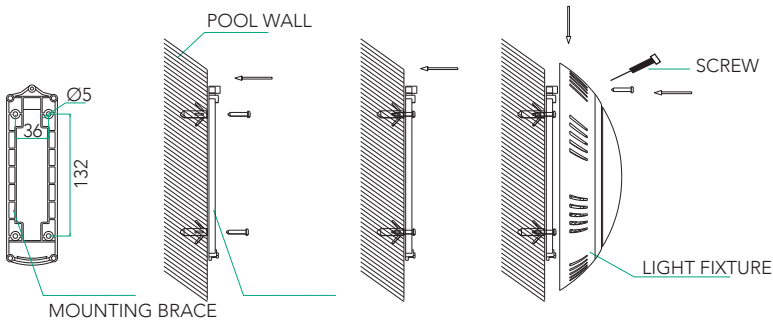
Unit: mm



Model Info & Specification

Model	Power	Colors	Lumen	Size	Package
LPL-R255B-36P-S	18W	W	1000 lm	Ø255×H70mm/48mm	1.07±5%kgs 12Units/Ctn 56.5×56.5×30.5cm
LPL-R255B-36P-SW	18W	RGB	500 lm	Ø255×H70mm/48mm	1.07±5%kgs 12Units/Ctn 56.5×56.5×30.5cm

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K





LPL-R180A/210A



LPL-R180A



LPL-R210A

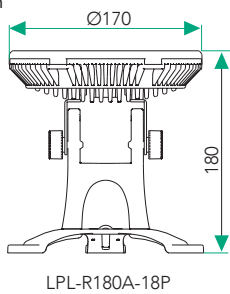
- 1. High brightness and efficacy: Providing sufficient brightness while ensuring energy efficiency.
- 2. IP68 ,suitable for various water environments.
- 3. Long lifespan: Reduces the frequency of maintenance and replacement.
- 4. Easy installation: Simple to install and adjust to fit different installation environments.

Model Info & Specification

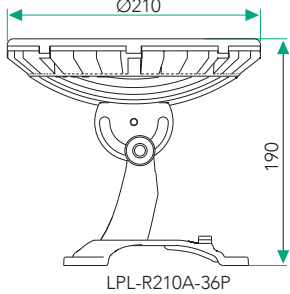
Model	Power	Colors	Lumen	Size	Package
LPL-R180A-18P	23W	R+G+B W	805 lm 1300 lm	Ø170xH180mm	2.6±5%kgs 4 Units/ Ctn 49.5×49.5×26.5cm
LPL-R210A -36P	45W	R+G+B W	1500 lm 2800 lm	Ø210xH190mm	4.4±5%kgs 4 Units/ Ctn 55.5×55.5×26.5cm
LPL-R210A -12P	45W	RGBW	2000 lm	Ø210xH190mm	4.4±5%kgs 4 Units/ Ctn 55.5×55.5×26.5cm

Dimension

Unit: mm

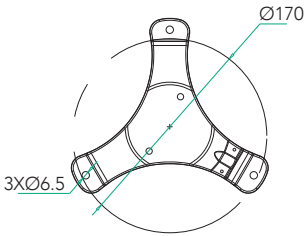


LPL-R180A-18P

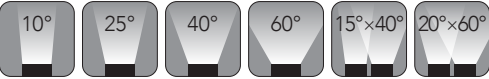


LPL-R210A-36P

Installation instruction



COLOR TEMPERATURE 2200K 3000K 4000K 6000K



CONTROL SYSTEM & ACCESSORIES



CONTROL SYSTEM

DMX Repeater

The Pharos RDM (Remote Device Management) is a 4 port DMX512 Splitter compatible with the RDM standard to provide DMX output to luminaires and other devices.



RDM Features

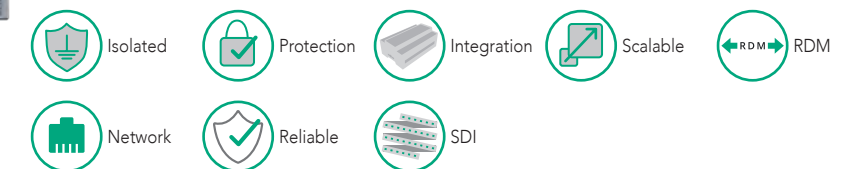


Ethernet Data Node

The Pharos EDN (Ethernet Data Node) is a convenient and scalable solution, providing cost-effective Ethernet distributed DMX ports for large control projects. The EDN is an easily configurable networking node that is specifically designed to add physical DMX ports to Pharos Designer.



EDN Features



Video Lighting Controller

The Pharos VLC (Video Lighting Controller) is an extremely capable but cost effective solution for large LED pixel arrays such as building façades, bridges, and presentation walls. It makes it simple to play video content across your array, either from locally stored HD media files or a DVI-D video input.



VLC Features



Touch Panel Station

The Pharos TPS (Touch Panel Station) is an elegant interface with a customisable, 4.3" capacitive touchscreen, that works with any Pharos Designer Controller.



TPS Features



STICK range

GU2



GA2



CW4



KE2



DE3



General					
Dimension	86 x 86 x 11 mm	86 x 110 x 11 mm	106 x 146 x 10 mm	106 x 146 x 10 mm	106 x 146 x 10 mm
Weight	113g	145g	200g	200g	250g
USB connection	✓	✓	✓	✓	✓
Ethernet connection				✓	✓
WIFI connection			✓		
DMX channels	128	512	1024	1024	1024
Micro SD card				✓	✓
Software					
ESA2 software	PC / Mac	PC / Mac	PC / Mac	PC / Mac	PC / Mac
ESA Pro software				PC	PC
ESA Pro 2 software	PC / Mac	PC / Mac	PC / Mac	PC / Mac	PC / Mac
Remote control apps			iOS / Android	iOS / Android	iOS / Android
Arcolis app			iOS / Android	iOS / Android	iOS / Android
Stand alone					
Number of scenes	24	99	36	200	500
Number of zones	1	1	1	5	10
Standalone memory	12K	76K			
Memory capacity			2729 steps	SD card limit	SD card limit
Memory (20 ch.)	840	3200			
Memory (60 ch.)	310	1200			
Memory (512 ch.)		140			
Power voltage	5-12V DC	5-12V DC	5-15V DC	5-6V DC	5-6V DC
Power connector	Screw terminal	Screw terminal	Screw terminal or RJ45	Screw terminal or RJ45	Screw terminal or RJ45
Triggering					
Live control	Col./Dim.	Col./Dim.	Col./Dim./Sat.	Col./Dim./Speed	Col./Dim./Speed
Touch sensitive buttons	3	4	12 + wheel	10 + wheel	12 + fader
Port triggers	1	8	8	8	8
Clock/calendar triggers			100	40	100
RS232				✓	✓
Internet control			✓		✓
Ethernet integration				✓	✓

DINA range

DR1



DR1 LITE



DR2



DR2 LITE



DR-MICRO



General					
Dimension	160 x 91 x 62 mm	160 x 91 x 62 mm	106 x 91 x 59 mm	160 x 91 x 62 mm	52 x 29 x 24 mm
Weight	317g	317g	180g	180g	16g
USB connection	✓	✓	✓	✓	✓
Ethernet connection	✓	✓	✓	✓	
OUTPUT channels	3072 (Multiple)	1024 (DMX)	1024 (DMX)	512 (DMX)	60 (DMX)
RDM	✓	✓	✓	✓	
LED Pixel	Coming soon	optional			
eDMX	✓	✓			
DALI	✓	optional			
Memory capacity	16 MB	16 MB			8KB
Micro SD card	✓	✓	✓	✓	
Nicolaudie Cloud	✓	✓	✓	optional	
Stand alone					
Number of scenes	2000	2000	99	99	99
Number of zones	20	20	5	5	1
Power voltage	8-15V DC	8-15V DC	8-15V DC	8-15V DC	5-5.5V DC
Power connector	Screw terminal	Screw terminal	Screw terminal	Screw terminal	mini USB
Triggering					
Ports	8	8	8+3	8+3	1
Clock/calendar triggers	✓	✓	✓	✓	
RS232	✓	optional			
Ethernet integration	✓	✓	✓	✓	
Audio	✓	optional			
DALI	✓	optional			
Software					
ESA 2	PC/Mac	PC/Mac	PC/Mac	PC/Mac	PC/Mac
ESA Pro 2	PC/Mac	PC/Mac	PC/Mac	PC/Mac	PC/Mac
Arcolis Remote	IOS/Android	IOS/Android	IOS/Android	IOS/Android	
Arcolis Remote Pro	IOS/Android	IOS/Android	IOS/Android	IOS/Android	
Arcolis Designer	IOS/Android	IOS/Android	IOS/Android	IOS/Android	

MADRIX 5 Software

The award-winning LED lighting controller for ultimate pixel mapping in 2D or 3D.

Ultimate Flexibility From the smallest projects to the biggest ones – get the best out of your LEDs. MADRIX ® 5 can produce a complete LED light show from a normal computer or laptop. Still, it can drive tens of thousands of LEDs without problems. This powerful software will not only allow you to control nearly any 2D LED display in every possible way, but real 3D LED applications as well. This makes it the ideal solution for your LED project.



5



MADRIX ® 5 License Upgrades

You can easily upgrade the license on your MADRIX ® KEY to any higher license at any time in order to increase the available output. MADRIX ® 5 License Upgrades can simply be processed online. Please contact your dealer for more information.

MADRIX LUNA

The easy-to-use and reliable network node.

The MADRIX ® LUNA reliably distributes DMX512 data over long or short distances using Ethernet network or USB. Its sync mode makes sure that lighting effects look their best on the LEDs.



3 versions are available:
LUNA 4 | LUNA 8 | LUNA 16



MADRIX AURA

The advanced lighting-control recorder and stand-alone playback unit.

The MADRIX ® AURA is the central stand-alone controller for simple recording and large-scale pixel mapping. It redefines what is possible in a compact control unit with exceptional performance.



3 versions are available:
AURA 2 | AURA 8 | AURA 32





CTR Series

- Supports off line or online use, control Max.150,000pixels when several controllers used together
- 8*800 pixels for output
- Waterproof design for outdoor use

Model	CTR-MC-U1	CTR-SC-A8	DMX-SA-MINI
Size	L300×W240×H122mm	L290×W210×H80mm	L115×W58×H33mm
Main body	Iron	ABS	ABS
Weight	2.0kgs±5%	1.9kgs±5%	0.5kgs±5%
Input	100~240V	100~240V AC	24VDC
Power	15W	15W	2W
Connection	Ethemet Cable	Ethemet Cable	2 Pin IP68 Connector
Connection	UDP/TCP	DMX	ication of signal

Waterproof Service

MT-TB10



Model name	Embedded cloud master MT-TB10
Communication mode	RJ45, 4G (optional)
Installation method	Mounting the wall in fixed holes
Timing mechanism	GPS/WTS (optional), Network (default network timing)
4G module	Built-in 4G full Netcom network communication module (optional)
Storage type	built-in 16G/64G/128G/256G extended storage
Output interface	2 Gigabit output RJ45 interface: 1. LAN1 port for the lower end of the control system implementation 2. LAN2 port is used for PC control or network signal access 1 USB2.0, which can configure local video, online upgrade 1 USB3.0, high speed communication USB3.0 interface 1 channel HDMI, support HDMI interface video device 1920X1080 pixels
Input voltage	AC110V~240V
Rated power	24W
Cell size	L286mm x W163mm x H46mm
Interface form	AC connector, RJ45 connector, USB connector, HDMI connector

MR-BF12T



Product name	BTS base station syncs video player MR-BF12T
Rated voltage	AC 100V ~ 240V±15% 50/60Hz
Rated power	15W
Communication interface and protocol	RJ45X2CH, standard UDP/TCP protocol
Communication rate	100MB/1000MB adaptive
Fixed hole spacing	268mm×68mm
Size with antenna length	30mm×30mm×260mm, with 3 meters cable
Case material iron	Dusting process

Power Supply
PS-MW Series



Waterproof Service

- Kinds of protection: Short circuit protection, over-voltage protection,over -temperature protection
- Can withstand 300VAC surge input for 5 seconds ;
- Constant current limited circuits,100% full load aging test ;
- Design against rain splash,3 years warranty;

Model	PS-MW-ERPF-400W	PS-RS-350W
Size	L220.4×W130×H48mm	L280×W145×H60mm
Main body	/	Iron
Weight	1.1kg±5%	2.2kg±5%
Input	90~264V AC	115~230V AC
Output	12/24/48V DC	5/12/24V DC
Power Max	400W	350W
Connection	/	Quick connector
Range	ERP-350W	/



- Kinds of protection: Short circuit protection,over-load protection, over-voltage protection,over -temperature protection
- International wide range of AC input, optional dimming function
- PFC function can make efficiency to reach 95%;
- Comply with world lighting equipment safety standards ,and used in variety of harsh environment ;
- 7 years warranty

Model	PS-MW-HLG-100W	PS-MW-HLG-320W	PS-MW-HLG-600W
Size	L220×W68×H39mm	L252×W90×H44mm	L280×W144×H48.5mm
Weight	1.1kgs±5%	1.3kgs±5%	1.55kgs±5%
Output	90~305V AC	90~305V AC	90~305V AC
Input	12/24/36/48/54V DC Optional	12/24/36/48/54V DC Optional	12/24/36/48/54V DC Optional
Power	100W	320W	600W



- Constant Voltage PWM style output withfrequenay1.47KHZ,
- Plastic housing with class II design
- Built-in active PFC function Class 2power unit
- No load power consumption <0.5W .
- Fully encapsulated with IP67 levelFunction :
- 3 in 1 dimming (dim-to-off)Typical lifetime>50000 hours
- 5 years Warranty

Model	PWM-40W	PWM-120W	PWM-200W
Size	L150×W53×H35mm	L191×W63×H37.5mm	L195×W68×H39.5mm
Weight	0.49kgs±5%	0.97kgs±5%	1.03kgs±5%
Output	90~305V AC	90~305V AC	90~305V AC
Input	12/24/36/48V DC	12/24/36/48V DC	12/24/36/48V DC
Power	40W	120W	200W

Power Supply
PS-MW Series



- Kinds of protection: Short circuit protection,
- over-voltage protection, over -temperature protection
- Constant current limited circuits, 100% full load aging test ;
- Design against rain splash, 2 years warranty;

Model	PS-MW-LPV-35W	PS-MW-LPV-60W	PS-MW-LPV-100W
Size	L148×W40×H30mm	L162.5×W42.5×H32mm	L190×W52×H37mm
Weight	0.34Kgs±5%	0.4Kgs±5%	0.63Kgs±5%
Output	90~264V AC	90~264V AC	90~264V AC
Input	12/24/48V DC	12/24/48V DC	12/24/48V DC
Power	35W	60W	100W



- 3 in 1 dimming
- Metal housing with class I design
- No load power consumption <0.5W .
- Fully encapsulated with IP67 levelFunction :
- 3 in 1 dimming (dim-to-off)Typical lifetime>50000
- hours 5 years Warranty

Model	PS-MW-XLG-100W	PS-MW-XLG-200W	PS-MW-XLG-320W
Size	L140×W63×H32mm	L199×W63×H35.5mm	L246×W77×H39.5mm
Weight	0.58kgs±5%	0.85kgs±5%	1.45kgs±5%
Output	12/24 V	12/24 V	12/24 V
Input	100~305V AC	100~305V AC	100~305V AC
Power	100W	200W	320W

Accessories
Waterproof Connector
/box Series



Model	Waterproof Connector-A	Waterproof Connector-B	Waterproof Connector-C	Rainproof Box
Wire Size	D5mm~D12mm	D5mm~D12mm	D5mm~D12mm	L298×W220×H80mm
Main body	Pa66 UL94-V0	Pa66 UL94-V0+PC	Pa66 UL94-V0+PC	Steel
Color	Black	Black	Black and White	Black
Ports	3 Ports	2 Ports	2/3 Ports	/
Certification	EN50262 CE	EN50262 CE	EN50262 CE	/
IP Grade	IP68	IP68	IP65	IP44

For indoor power supply or controllers used, white housing with lock, IP44* Structure waterproof

Connection cables

Input Cable (With Female connector)

IC 01 	IC 02 	IC 03 	IC 04 	IC 05
6Pin (Power+Signal)	3Pin (Power)	2Pin (Power)	5Pin (Power+Signal)	8Pin (STP Signal)
IC 06 	IC 07 	IC 08 		
3Pin (Signal) 6Pin (Power+Signal)	6Pin (Power-T)	5Pin (Power-Y)		

Extension Cable (With Male/Female connector)

EC 01 	EC 02
5Pin (Power+Signal)	5Pin (Power+Signal)

Conversion Cable

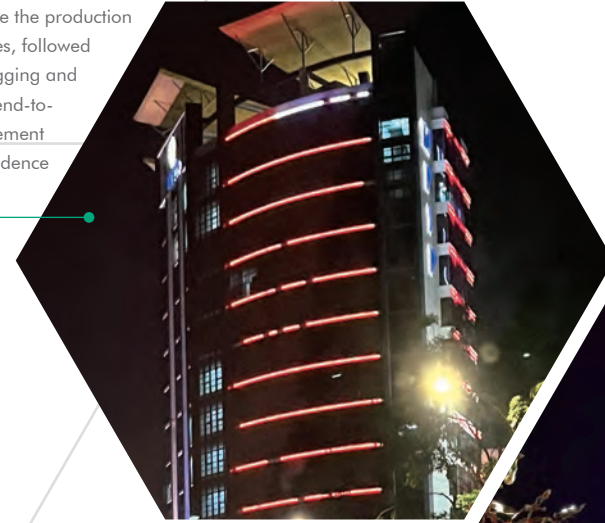
CC 01 	CC 02 	CC 03 	CC 04 	
XLR-3pin(Male) to LLT-6pin(Female) (Signal)	LLT-3pin(Male) to LLT-6pin(Female) (Signal)	XLR-5pin(Male) to LLT-3pin(Female) (Signal)	XLR-3pin(Male) to LLT-3pin(Female) (Signal)	
CC 05 	CC 06 	CC 07 	CC 08 	CC 09 
XLR-3pin(Male) to RJ45 Connector (Signal)	XLR-3pin(Male) to RJ45 Connector (Signal)	RJ45 Connector to LLT-5pin(Female) (Signal)	RJ45 Connector to LLT-3pin(Female) (Signal)	XLR-3pin(Male) to RJ45 Connector (Signal)

Accessories for LED Wall Washer, LED Linear Light, LED Spot Light
IC 07; IC 08; IC01; IC 02; IC 03; IC 04; IC 06; IC 07; IC 08; EC 01; EC 02; CC 01; CC 02

Accessories for LED Pixel Module; LED Pool Light; LED In-ground Light
IC 03; IC 04; IC 08; EC 01

Accessories for Signal & controlling system
IC 05; CC 03; CC 04; CC 05; CC 06; CC 07; CC 08; CC 09

Project design time: 2020
Project completion time: 2021
Project location: Southeast Asian region project
Project application product series: Linear lamp LLS-OP-D50; Wall washing lamp LWW-WZB-W55; Spotlight SP-F620A
Project features: TPK gets involved from the early stages of architectural design, recommending suitable lighting fixtures to designers to achieve the desired design effects. They then handle the production and testing of the fixtures, followed by on-site project debugging and final adjustments. This end-to-end support and involvement enhance customer confidence in the collaboration.



Project Date: November 2022
Project Location: Jinnan District, Tianjin, China
Main Product: LPM-MJ-HEX130 (4,495 units)
Control Mode: DMX512 Protocol
Project Features:
 A unique lighting effect, with dim light in the front and bright light at the back, creates an alternative three-dimensional effect through diffuse reflection. It also incorporates a "light seen but no lamp" design concept, seamlessly integrating the fixture with the building surface.

Project design time: 2023
Project completion time: 2023
Project Location: Southeast Asian Regional Project
Project Name: Malaysia Project
Product Series: Wall Washing Lamp LWW-WZB- W55-L11; Spotlight SP-F170, LPM-R120
Project Feature: A model for small government building projects is equipped with a compact control system and a limited number of custom lighting fixtures. The fixture colors can be customized to match the building's exterior, ensuring that the light is visible without the fixtures themselves being noticeable in outdoor settings, while preserving the architectural aesthetics.



Project design time: 2023
Project completion time: 2023
Project Location: Southeast Asian Regional Project
Project Name: Project Application
Product Series: Wall Washing Lamp LWW-WZB- W55-L11; Spotlight SP-F170, LPM-R120
Project Feature:
 The iconic local church requires lighting effects that distinctly set it apart from the surrounding buildings.

Project design time: 2023
Project completion time: 2024
Project location: Southeast Asia
Project Name: Malaysia Project
Project application product series: Wall washing lamp LZB-W55-L12-RDM-256PCS
Project features: Local landmark building project, adopting the technologically leading RDM cMoentthroold : Ensure that the lamps can achieve the designated effect as required by Party A.



Project Name: Rosen
Time: 2014
Location: USA
Product: LED Spot Light SP-F620A

Project completion time: 2023
Project design time: 2023
Project location: America Area
Product series: Wall washing lamp LLS-OP-W30C
Project features: Hotel building project, small linear



Project design time: 2024
Project completion time: 2024
Project location: Southeast Asia region
Project application product series:
 Linear lamp: LLS-OP-W30A; Wall washing lamp: LWW-WZB-W55; Spotlight: SP-R225 small angle
Project features: Fully demonstrate the different application scenarios of different lamps; Line lamps are used to outline the buildings of Galei; Wall washing lamps are used to brighten the walls of large buildings; Spotlights are used to wash and illuminate the narrow walls of buildings.

GROWING & MARCHING...

2002 ○	2005 ○	2011 ○	2014 ○	2018 ○	2020 ○	2023 ○	2024 ○
TOPKING INTERNATIONAL GROUP LIMITED established in Hong Kong, focus on outdoor lighting, foothold in the global market.	Topking Electronic & Lighting Factory established in Zhongshan city, Guangdong province, specialize in the LED product of manufacturing and R&D. In 2008, the company name changed to Topking Opto-electronic Technology Co., Ltd .	Topking building construction was completed, which is located in Jichang Industrial Zone, Dongfeng town, Zhongshan city, has 8,000 square meters, increasing the investment in product R&D and production scale.	Build customized engineering product system based on customer trust, enhance R&D strength, add IES, IP, IK and other test instrument, improve a full set of materials, assembly lines.	Adopted Amoeba operating model, established of ISO quality management system, introduced CRM customer management software, improved the independent accounting operation capabilities and value chain analysis capabilities of each operating unit.	The company name changed to TPK OPTOELECTRONIC TECH CO.,LTD , registered capital is increasing to 25 million, develop the domestic engineering construction market, and enter the field of photovoltaic power generation and solar lighting products, and obtain bidding and construction qualifications.	Adopted employee shareholding system, each responsible unit solves the customer's engineering difficulties with the greatest passion and provides more valuable sincere service.	Hold on and seek revolution actively!!!

