Snowate

SMARTER WATER FOR A
SMARTER HOME



UNDERWATER LIGHTS

Hengshui Snowate Environmental Technology Co., Ltd. | **Suzhou Snowate Enviro Tech Co., Ltd.**
www.snowate.com

WL-MAG



WL-MAG

WL-MAG series of mixed-type (wall-mounted/embedded) underwater lights prioritize engineering convenience, product safety, and reliability. This underwater light demonstrates excellent engineering adaptability, allowing wall-mounted, embedded, or assembled installation through the conversion of the base. This greatly enhances the universality of underwater light installation, reducing the difficulty for owners to choose. Simultaneously, this underwater light employs a fully sealed process and integrated structural design, isolating electrical components from water and the light body. This significantly improves the waterproof, heat dissipation, and insulation performance of the underwater light, resulting in better safety and a longer lifespan.



Colour Change







Main features:

- Fully resin enclosing the light cable connection, to achieve complete waterproof and moisture proof.
- High efficient, supper bright, big lumen.
- Waterproof standard: IP68.
- Color: cool white, warm white, RGB and single color.
- RGB mode features 19 pre-programmed patterns.
- Installation mode: compatible to housing type with niche and wall-mounted with bracket plate.
- Color temperature: cool white 6000K, warm white: 3000K.

TECHNICAL DATA

Model	Power (W)	Voltage (V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-MAG-LED072TB	6W	12V	72	Resin filled	White color	255	Housing type & wall-mounted type
WL-MAG-LED072TC	6W	12V	72	Resin filled	RGB	90	Housing type & wall-mounted type
WL-MAG-LED252TB	18W	12V	252	Resin filled	White color	731	Housing type & wall-mounted type
WL-MAG-LED252TC	18W	12V	252	Resin filled	RGB	255	Housing type & wall-mounted type
WL-MAG-LED324TB	24W	12V	324	Resin filled	White color	1075	Housing type & wall-mounted type
WL-MAG-LED324TC	24W	12V	324	Resin filled	RGB	355	Housing type & wall-mounted type
WL-MAG-LED126JTB	18W	12-20V	126	Resin filled	White color	1250	Housing type & wall-mounted type
WL-MAG-LED126JTC	18W	12-20V	126	Resin filled	RGB	780	Housing type & wall-mounted type
WL-MAG-LED162JTB	18W	12-20V	162	Resin filled	White color	1370	Housing type & wall-mounted type
WL-MAG-LED162JTC	18W	12-20V	162	Resin filled	RGB	880	Housing type & wall-mounted type
WL-MAG-LED216JTB	24W	12-20V	216	Resin filled	White color	1950	Housing type & wall-mounted type
WL-MAG-LED216JTC	24W	12-20V	216	Resin filled	RGB	1300	Housing type & wall-mounted type

WL-MD



MD series flat light is elegant in design, ultra-thin lamp againsts to the pool wall much more closely. It not only provides super brightness and high efficiency, but also very convenient installation to mount to the pool with bracket plate directly.



- Code 3040930059 bracket for concrete pool (non-niche).
- Code 3040930061 Mounting set for panel pool.
- Code 1219800009 retrofit plate for light with European or American Niche.



3040930059

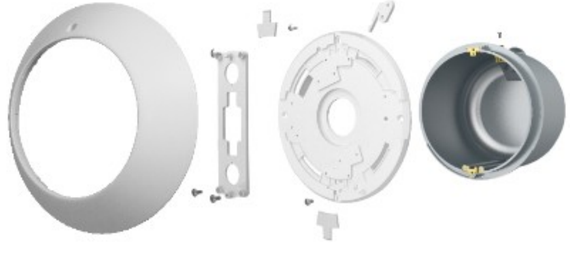


3040930061



1219800009

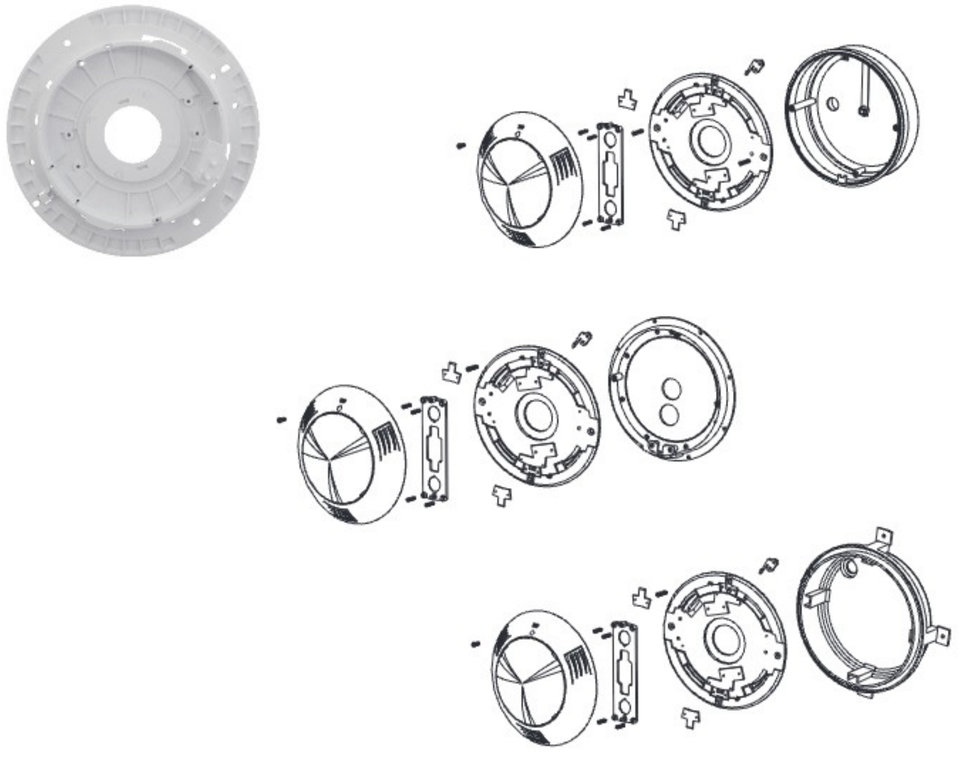
INSTALLATION DRAWING



WL-MD

RETROFIT PLATE

Universal Retrofit Bracker for Niche Lights,fit for most type of niches all over the world.



TECHNICAL DATA

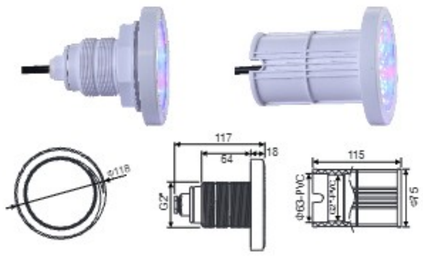
Model	Power (W)	Voltage (V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-MD-LED162JTB	18W	AC 12-20V	162	Wide voltage	White color	1500	Wall mounted type
WL-MD-LED162JTC	18W	AC 12-20V	162	Wide voltage	RGB	970	Wall mounted type
WL-MD-LED216JTB	24W	AC 12-20V	216	Wide voltage	White color	2150	Wall mounted type
WL-MD-LED216JTC	24W	AC 12-20V	216	Wide voltage	RGB	1500	Wall mounted type
WL-MD-LED018JTB	18W	AC 12V	54	SMD LED	White color	1185	Wall mounted type
WL-MD-LED018JTC	18W	AC 12V	54	SMD LED	RGB	245	Wall mounted type
WL-MD-LED16PC	18W	DC12V	16	SMD LED	RGB+cool white+warm white	1380	Wall mounted type
WL-MD-LED24PC	24W	DC12V	16	SMD LED	RGB+cool white+warm white	1650	Wall mounted type
WL-MD-LED024JTB	24W	AC12V	72	SMD LED	White color	----	Wall mounted type
WL-MD-LED024JTC	24W	AC12V	72	SMD LED	RGB	----	Wall mounted type

WL-ME



ME light with 2" thread coupling is compatible to 2" int.thread wall conduit and pvc pipe. This series light is widely used in different kind pool, spa and water features. Its crystal PC lens improves its corrosion resistance and transparency to a new level.

- Code 3040930063 kits for panel pool installation.
- ME light is able to connect to 2" wall conduit directly.
- Code 3040930062 kits for concrete pool with 2" or 63mm pvc pipe.





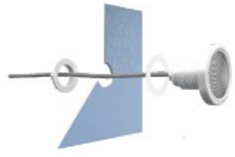
3040930063

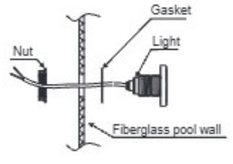


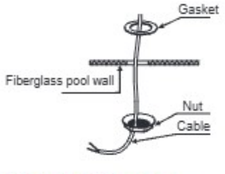


3040930062

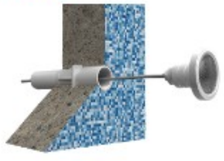
Panel pool installation

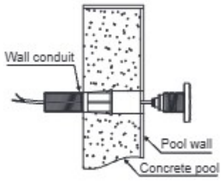


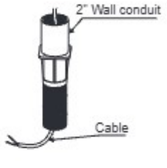




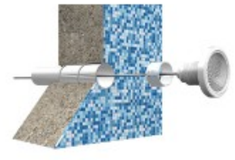
Concrete pool installation with wall conduit:

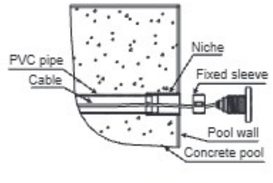


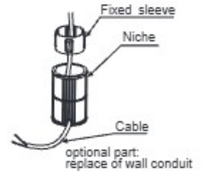




Concrete pool installation to 2"/63mm pipe







TECHNICAL DATA

Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-ME-LED054JTB	6W	12-20V	54	Wide voltage	White color	485	√ for fiberglass pool √ for panel pool √ for concrete pool
WL-ME-LED054JTC	6W	12-20V	54	Wide voltage	RGB	120	
WL-ME-LED081JTB	9W	12-20V	81	Wide voltage	White color	760	
WL-ME-LED081JTC	9W	12-20V	81	Wide voltage	RGB	200	
WL-ME-LED108JTB	12W	12-20V	108	Wide voltage	White color	1000	
WL-ME-LED108JTC	12W	12-20V	108	Wide voltage	RGB	300	

WL-MF

TORCH LED LIGHT

MF series torch led light is with an unique designed and new technology, featuring an innovation, energy efficient and fast cooling. Just need to slip into a standard 1.5" pvc pipe or return fitting, easy and simple operation.



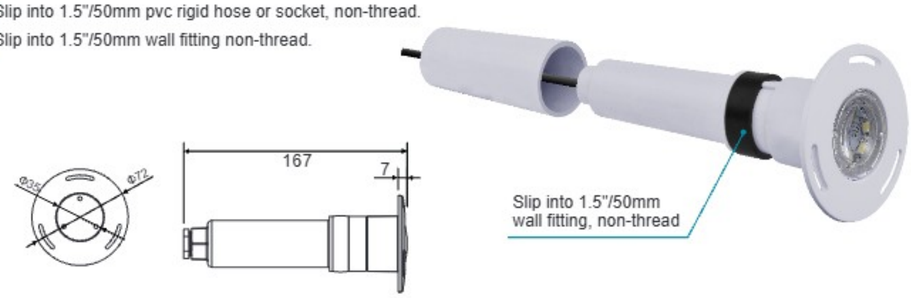
Main features:

- Low wattages but brilliant illumination.
- Low energy consumption.
- Variable voltage range AC12-20V.
- No flicker, high purity, soft light, no glare.
- Multi-color and white color available.
- High brightness (high lumen), strong light transmission.
- IP68 waterproof standard.
- Suitable to small space installation, such as pool step, spa, etc.
- Installation mode: Housing type, slip into 1.5"/50mm wall fitting or pvc pipe.
- Color: cool white, warm white, RGB and single color.



INSTALLATION GUIDANCE

- Slip into 1.5"/50mm pvc rigid hose or socket, non-thread.
- Slip into 1.5"/50mm wall fitting non-thread.



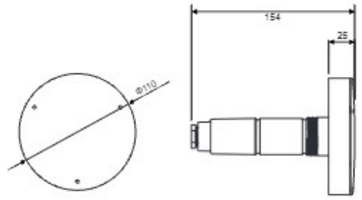
TECHNICAL DATA

Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-MF-LED003PB-C	3W	12-20V	1	Wide voltage	Cool white	180	Directly slip into 1.5" PVC pipe
WL-MF-LED003PB-W	3W	12-20V	1	Wide voltage	Warm white	180	
WL-MF-LED003PC	3W	12-20V	1	Wide voltage	RGB	150	

WL-MG

With distinctive design lens, MG light performances extraordinary and gorgeous lighting effect. Its thread is compatible to connect to 1.5" and 2" int. thread wall fitting or wall conduit, very convenient and widely used in all kinds of pools and spas, especial different liner pools.

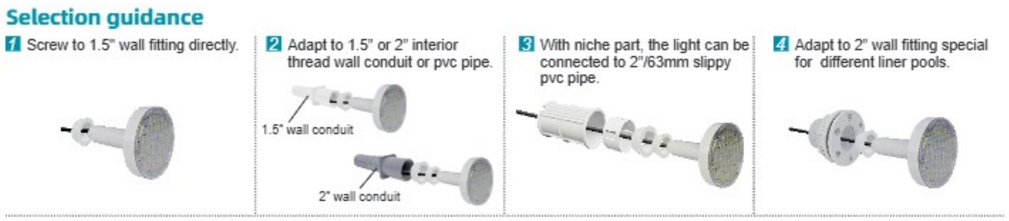




Main features:

- High quality silicon gasket, it's not easy to age, seepage and leak.
- Variable voltage range AC 12-20V.
- No flicker, high purity, soft light, no glare.
- High brightness (high lumen), strong light transmission.
- Low power consumption, low heat while working.
- IP68 waterproof standard.
- Color: cool white, warm white, RGB & single blue.

Selection guidance



Suitable for all kinds of pools



TECHNICAL DATA

Model	Power (W)	Voltage (V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-MG-LED054JTB	6W	12-20V	54	Wide voltage	White color	485	☑ For fiberglass pool ☑ For panel pool+liner ☑ For concrete pool+tile ☑ For concrete pool+liner
WL-MG-LED054JTC	6W	12-20V	54	Wide voltage	RGB	120	
WL-MG-LED108JTB	12W	12-20V	108	Wide voltage	White color	1000	
WL-MG-LED108JTC	12W	12-20V	108	Wide voltage	RGB	300	

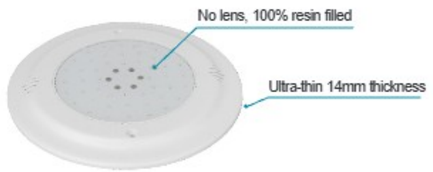
WL-PT

PT Underwater Light – a smart, thin wonder designed to bring intelligence and elegance to your underwater space. With a thin profile of just 14mm, this smart lighting solution exudes elegance. Thanks to the epoxy resin filling process, the internal light not only guarantees high water resistance and efficient heat dissipation, but is also compatible with all types of swimming pool installations.



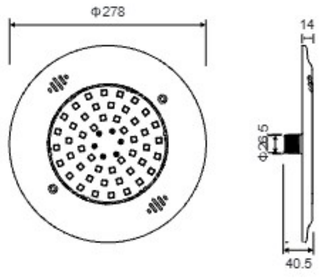
Main features:

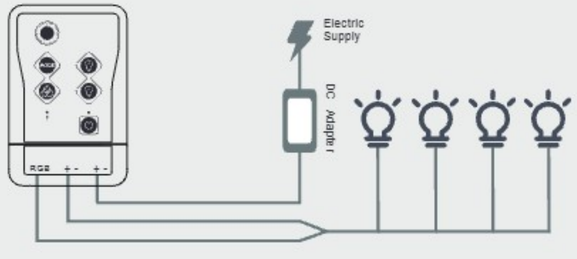
- Wide beam angle up to 130° to avoid glare.
- Constant current driving mode.
- Supports AC12V/DC12-24V safe low-voltage power supply, providing you with stronger selectivity and wider adaptability.
- Lifespan: 50,000 hours.
- Operating temperature: 0-45℃.
- Color rendering index: 80.
- Face ring: ABS/Stainless steel 304.

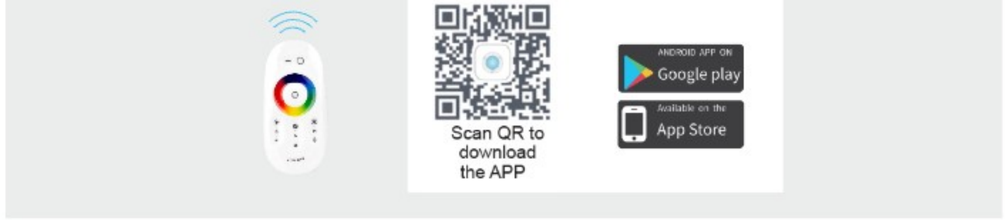


RGB control method

- WL-APLU-DW control system: control panel+remote controller, Wifi 2.4G, 433 MHZ (12V/AC or 12-24V/DC power input).
- WL-APLU-DW-PRO control system: Wifi+App control, you can adjust the brightness, working mode, timing setting, color change through the mobile phone, and the light color changes with the rhythm of the music. (Compatible with Android and iOS systems).
- ON/OFF control: (12V/AC power input).
- WL-YAQ control: with remote controller(12V/AC power input).

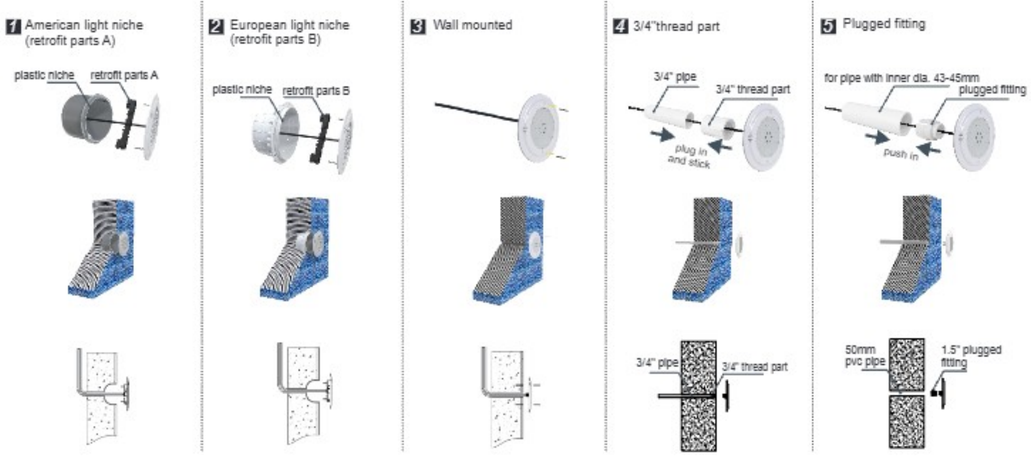






Installation method

- Wall-mounted with kit.
- Retrofit parts for niche light, fit for European or American niche.



TECHNICAL DATA

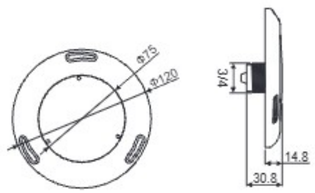
Model	Power(W)	Voltage(V)	LED QTY	Light source	Colour	Lumination flux	Installation type
WL-PT-024JTB	24W	AC12V/DC12-24V	48	SMD LED	Cool/Warm white	1750	√ Wall mounted with kit. √ With retrofit for niche. √ Recessed with kit.
WL-PTS-024JTB (SS face ring)	24W	AC12V/DC12-24V	48	SMD LED	Cool/Warm white	1750	
WL-PT-024JTC	24W	AC12V/DC12-24V	48	SMD LED	RGB	980	
WL-PTS-024JTC (SS face ring)	24W	AC12V/DC12-24V	48	SMD LED	RGB	980	

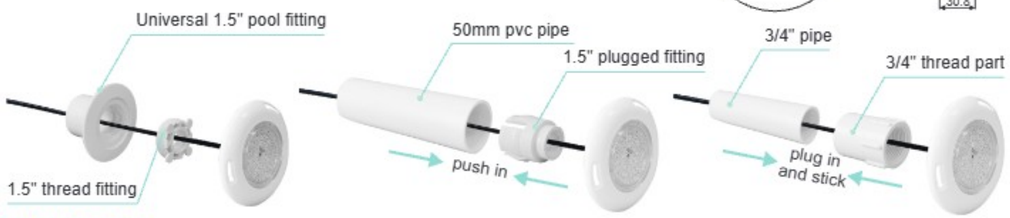
WL-LA



Main features:

- Ultra-thin design, perfectly integrated with the pool wall.
- Very convenient installation, directly insert into 3/4" pipe or 1.5" water inlet.
- Four-core wire stepless dimming remote control technology can achieve hundreds of color changes.
- Suitable for all kinds pools using.



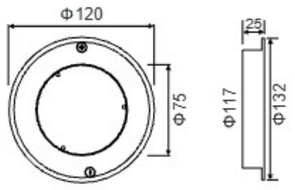


TECHNICAL DATA

Model	Power (W)	Voltage (V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-LA-LED063JTB	6W	AC/DC 12V	63	SMD LED	Cool white	483	Wall mounted & Wall Recessed
WL-LA-LED063JTW	6W	AC/DC 12V	63	SMD LED	Warm white	483	
WL-LA-LED063JTC	6W	AC/DC 12V	63	SMD LED	RGB	155	

WL-LAS





Features:

- Ultra-thin design, perfectly integrated with the pool wall, only 3mm away from pool wall.
- The recessed light housing can be directly embedded into the decorative layer of the pool wall, 25mm only.
- Default 9-color mode: It's available to work with normal switch AC12V, YAQ control system and Applume APLU-DW control system with wifi 2.4G, 433MHz wireless high frequency technology.
- Stainless steel 304 light, corrosion resistant, plastic niche.
- Safety low voltage: AC12V, or DC12V for customized.
- Waterproof standard: IP68.
- 2 meters cable.



TECHNICAL DATA

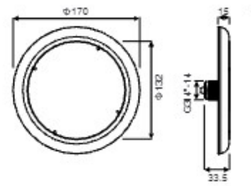
Model	Power (W)	Voltage (V)	LED QTY	Color	Lumination flux
WL-LAS-LED009JTBS	9	AC12V	63	White	980
WL-LAS-LED009JTCS	9	AC12V	63	RGB	270
WL-LAS-LED012JTBS	12	AC12V	63	White	1200
WL-LAS-LED012JTCS	12	AC12V	63	RGB	360
WL-LAS-LED015JTBS	15	AC12V or DC12V	3	White	1300
WL-LAS-LED015JTCS	15	AC12V or DC12V	3	RGB	390

WL-LB/LBS

Features:

- Ultra-thin design, perfectly integrated with the pool wall.
- The 3/4" thread allows you to easily install it into different types of pools.
- Safety low voltage: 12VAC, DC12-24V.
- Color rendering index up to 84, high light efficiency and high light color consistency.
- Default 9-color mode: It's available to work with normal switch 12Vac, YAQ control system and Applume APLU-DW control system with wifi 2.4G, 433MHz wireless high frequency technology.
- Plastic face ring and stainless steel face ring are available.
- Light beam: 120°.
- The average LED life span exceeds 50,000 hours.
- Protection rating: IP68.
- 3 meters cable.
- Operating Temperature: Up to 45°C.







TECHNICAL DATA

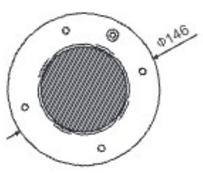
Model	Power (W)	Voltage (V)	LED QTY	Light source	Color	Luminous flux	Installation type
WL-LB-LED009JTB	9W	AC12V / DC12-24V	117	SMD LED	WHITE	973	☒ Wall mounted ☒ wall recessed
WL-LB-LED009JTC	9W	AC12V	117	SMD LED	RGB	500	
WL-LB-LED012JTB	12W	AC12V / DC12-24V	117	SMD LED	WHITE	1182	
WL-LB-LED012JTC	12W	AC12V	117	SMD LED	RGB	600	
WL-LB-LED018JTB	18W	AC12V / DC12-24V	171	SMD LED	WHITE	1729	
WL-LB-LED018JTC	18W	AC12V	171	SMD LED	RGB	900	
WL-LBS-LED009JTB	9W	AC12V / DC12-24V	117	SMD LED	WHITE	973	
WL-LBS-LED009JTC	9W	AC12V	117	SMD LED	RGB	500	
WL-LBS-LED012JTB	12W	AC12V / DC12-24V	117	SMD LED	WHITE	1182	
WL-LBS-LED012JTC	12W	AC12V	117	SMD LED	RGB	600	
WL-LBS-LED018JTB	18W	AC12V / DC12-24V	171	SMD LED	WHITE	1729	
WL-LBS-LED018JTC	18W	AC12V	171	SMD LED	RGB	900	

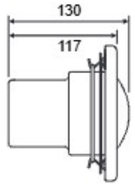
WL-QB

QB series features stainless steel material, non-corrosive and well cooling operation, tempered glass lens increase transparency and compatible to American and European niches. It's very simple to install in concrete pool.

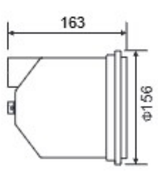
















TECHNICAL DATA

Model	Power (W)	Voltage (V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-QB-LED108JTB	12W	12-20V	108	Wide voltage	White color	2150	Housing type
WL-QB-LED108JTC	12W	12-20V	108	Wide voltage	RGB	1500	Housing type
WL-QBG-LED012PB	12W	12V	12	Resin filled	White color	885	Housing type
WL-QBG-LED012PC	12W	12V	12	Resin filled	RGB	200	Housing type
WL-QBG-LED072TB	6W	12V	72	Resin filled	White color	255	Housing type
WL-QBG-LED072TC	6W	12V	72	Resin filled	RGB	90	Housing type
WL-QBG-LED144TB	12W	12V	144	Resin filled	White color	455	Housing type
WL-QBG-LED144TC	12W	12V	144	Resin filled	RGB	110	Housing type
WL-QB-LED072BB	6W	12V	72	Standard DIP LED	White color	150	Housing type
WL-QB-LED072BC	6W	12V	72	Standard DIP LED	RGB	88	Housing type
WL-QB-LED009PB	9W	12V	9	High power	White color	580	Housing type
WL-QB-LED009PC	9W	12V	9	High power	RGB	130	Housing type
WL-QB-LED012PB	12W	12V	12	High power	White color	885	Housing type
WL-QB-LED012PC	12W	12V	12	High power	RGB	200	Housing type
WL-QBP100	100W	12V	E27 light bulb, tempered glass lens		----	----	Housing type
WL-QBC100	100W	12V	Lamp cup, tempered glass lens		----	----	Housing type

WL-QD

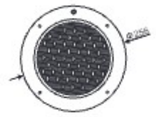


Main features:

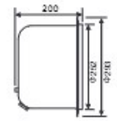
- Material: stainless steel, non-corrosive.
- Tempered glass lens increases transparency.
- High efficient, low heat LED board and control board, low power consumption.
- Compatible to American and European niches.
- Different lamp available: LED lamp and E27 bulb.











TECHNICAL DATA

Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination (lux)	Installation type
WL-QD-LED144BB	12W	AC12V	144	Standard DIP LED	White color	302	Housing type
WL-QD-LED144BC	12W	AC12V	144	Standard DIP LED	RGB	168	Housing type
WL-QD-LED252BB	18W	AC12V	252	Standard DIP LED	White color	530	Housing type
WL-QD-LED252BC	18W	AC12V	252	Standard DIP LED	RGB	257	Housing type
WL-QDP300	300W	AC12V	E27 bulb, toughened glass		----	----	Housing type

WL-QG

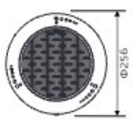


QG series light is a high power series light, and features stainless steel material with good heat dissipation and tempered glass lens to increase transparency and super brightness. There are different lamp sources available: variable voltage LED lamp, DIP LED lamp and SMD led lamp.

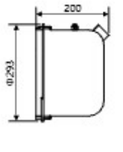
Compatible to American and European niches.







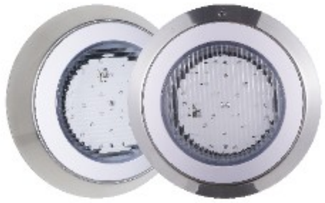


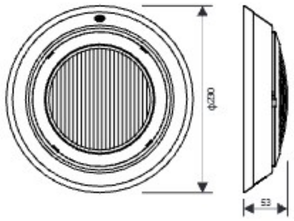


TECHNICAL DATA

Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-QGB-LED216JTB	24W	AC12-20V	216	Wide voltage	White color	1420	Housing type
WL-QGB-LED216JTC	24W	AC12-20V	216	Wide voltage	RGB	522	Housing type
WL-QGB-LED012PB	12W	AC12V	12	High power	White color	885	Housing type
WL-QGB-LED012PC	12W	AC12V	12	High power	RGB	200	Housing type
WL-QGB-LED024PB	24W	AC12V	24	High power	White color	1300	Housing type
WL-QGB-LED024PC	24W	AC12V	24	High power	RGB	352	Housing type
WL-QGB-LED036PB	36W	AC12V	36	High power	White color	1395	Housing type
WL-QGB-LED036PC	36W	AC12V	36	High power	RGB	410	Housing type
WL-QGB-LED024JTB	24W	AC12V	72	SMD LED	White color	1240	Housing type
WL-QGB-LED024JTC	24W	AC12V	72	SMD LED	RGB	375	Housing type

WL-PE-HC / WL-PE-HT





Product Features

- **Classic Wall-Mounted Design:**

  Features a proven and reliable wall-mounted structure. It is easy to install without pre-embedding, offering robust construction, long-term durability, and a clean, elegant appearance.

- **Stainless Steel Body with High-Strength PC Lens:**

  The light body is made of high-quality stainless steel, ensuring sturdiness and corrosion resistance. Paired with a high-strength polycarbonate (PC) lens, it delivers excellent light transmission properties.

- **Renewed Underwater Lighting Visuals:**

  Equipped with new-generation RGB 3-in-1 high-efficiency LED chips for synchronized and uniform illumination.
  Overall brightness is significantly improved, RGB light efficiency increased by 30%, delivering vivid and saturated colors; white light efficiency increased by 60%, ensuring bright and clear underwater illumination.

- **Stable and Outstanding Light Performance:**

  The new light source offers improved stability in luminescence uniformity and color rendition.
  Color appears purer, significantly enhancing the overall quality of underwater illumination.

- **Efficient AC/DC Power Supply for Enhanced Stability (Smart Model):**

  Supports both AC and DC power input and is compatible with a wide voltage range of 12V-24V.
  Adopts a constant-current drive design for higher energy efficiency, lower power loss, and more stable, reliable performance.

- **Upgraded Smart Control with More Stable Signals (Smart Model):**

  Compatible with the Applume Plus-D smart controller, which uses a wired signal connection between the underwater light and the controller for enhanced signal stability. The smart controller supports Wi-Fi connectivity and works with the Tuya App to enable multiple lighting modes and intelligent control experience.

- **Flexible Control Solution with Upgrade Compatibility (Standard Model):**

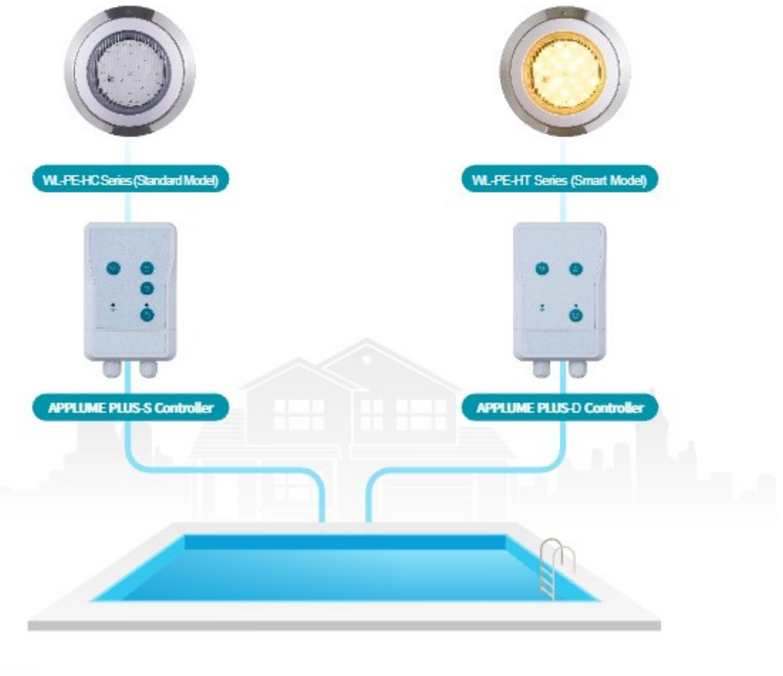
  Operates on 12V AC power with constant-current drive, and is compatible with previous-generation lighting control boxes and the Applume Plus-S. Supports remote control for turning lights on/off and synchronized underwater lighting control.
  When paired with the Applume Plus-S, it enables Wi-Fi connectivity for app and Tuya cloud-based control, timer settings, and scene automation, offering more flexible application and more reliable operation.

- **Versatile Application:**

  Suitable for both basic underwater lighting and smart control scenarios, supports synchronized lighting of multiple lamps, and allows flexible selection based on actual needs.

- **High Protection Rating and Safety Low-Voltage Design:**

  Meets IP68 protection rating and Class **III** electrical safety standards, ensuring safe and reliable operation.



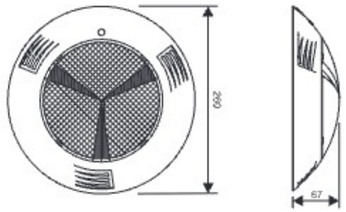
Technical Specifications

Standard Model	Power (W)	Voltage (V)	LED QTY	Color	Color Temperature	Luminous Flux (lm)
WL-PE-HC-0630T	6	AC12V	12	RGB	----	250
WL-PE-HC-0630B6	6		12	Cool White	6500K	700
WL-PE-HC-1230T	12		18	RGB	----	500
WL-PE-HC-1230B6	12		18	Cool White	6500K	1400
WL-PE-HC-1830T	18		24	RGB	----	750
WL-PE-HC-1830B6	18		24	Cool White	6500K	2100

Smart Model	Power (W)	Voltage (V)	LED QTY	Color	Color Temperature	Luminous Flux (lm)
WL-PE-HT-0630T	6	DC12-24V	12	RGB	----	250
WL-PE-HT-0630B6	6		12	Cool White	6500K	700
WL-PE-HT-1230T	12		18	RGB	----	500
WL-PE-HT-1230B6	12		18	Cool White	6500K	1400
WL-PE-HT-1830T	18		24	RGB	----	750
WL-PE-HT-1830B6	18		24	Cool White	6500K	2100

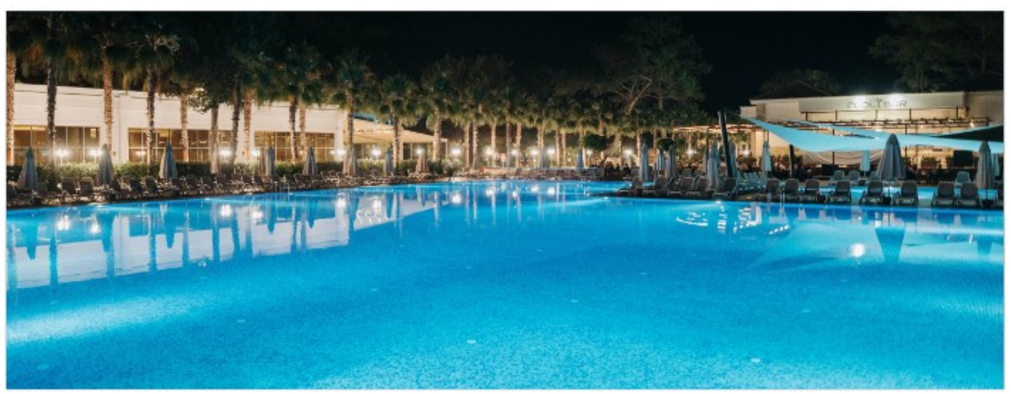
WL-PS-HC / WL-PS-HT

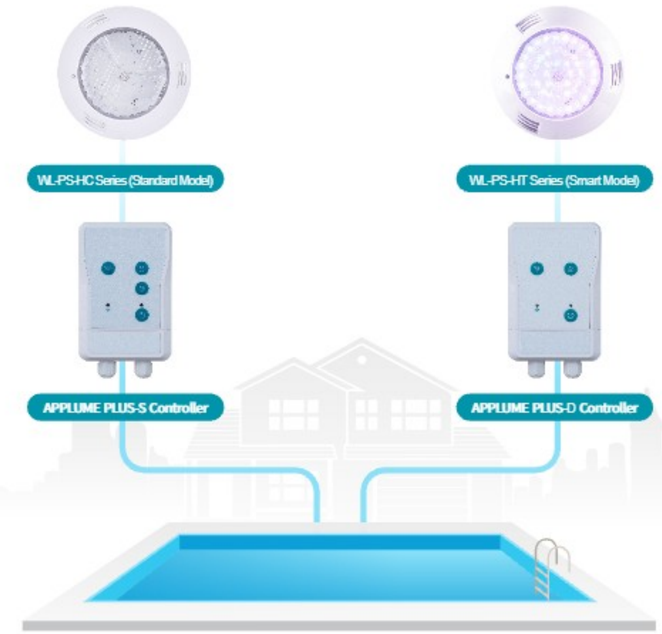




Product Features

- **Plastic Wall-Mounted:**
  easy to install, suitable for various pool applications.
- **Enhanced Underwater Lighting Experience:**
  new-generation RGB 3-in-1 high-efficiency LEDs with uniform light output. Overall brightness greatly improved—RGB effect +30%, white light +60%, delivering vivid colors and clear, bright illumination.
- **Flexible control options, upgrade-friendly (standard version):**
  powered by 12V AC with constant-current drive, compatible with previous-generation lighting control boxes and the Applume Plus-S. Supports remote on/off and synchronized underwater lighting control. When paired with the Applume Plus-S, Wi-Fi connectivity and Tuya Cloud control are available, including timer settings and scene automation for flexible and reliable operation.
- **Efficient AC/DC Power Supply (functional version):**
  supports AC/DC input with a wide 12V–24V range.
- **High-Level Production and Safety Low-Voltage:**
  Complies with IP68 protection rating and Class III electrical safety standards, ensuring safe and reliable operation.
- **Unique Bottom Structure:**
  ample space for wiring, easy for maintenance.
- **Stable and Outstanding Light Performance:**
  the new light source delivers more consistent output and better color rendering, with purer colors and enhanced underwater lighting quality.
- **Upgraded Smart Control with Stable Signals (functional version):**
  compatible with the Applume Plus-D smart controller, which uses a wired signal connection between the underwater light and the controller for stable signal transmission. The controller supports Wi-Fi and works with the Tuya App for multiple lighting modes and smart control.
- **Adaptability to Multiple Scenarios:**
  suitable for both basic underwater lighting and smart control applications, supporting multi-light synchronization and flexible model selection.





Technical Specifications

Standard Model	Power (W)	Voltage (V)	LED QTY	Color	Color Temperature	Luminous Flux (lm)
WL-PS-HC-1230T	12	AC12V	24	RGB	----	500
WL-PS-HC-1230B6	12		24	Cool White	6500K	1400
WL-PS-HC-1830T	18		36	RGB	----	750
WL-PS-HC-1830B6	18		36	Cool White	6500K	2100
WL-PS-HC-2430T	24		48	RGB	----	1000
WL-PS-HC-2430B6	24		48	Cool White	6500K	2800

Smart Model	Power (W)	Voltage (V)	LED QTY	Color	Color Temperature	Luminous Flux (lm)
WL-PS-HT-1230T	12	DC12-24V	24	RGB	----	500
WL-PS-HT-1230B6	12		24	Cool White	6500K	1400
WL-PS-HT-1830T	18		36	RGB	----	750
WL-PS-HT-1830B6	18		36	Cool White	6500K	2100
WL-PS-HT-2430T	24		48	RGB	----	1000
WL-PS-HT-2430B6	24		48	Cool White	6500K	2800

WL-QJ





Built-in remote control system let you to manage your pool more convenient and easily.
(Optional)

Main features:

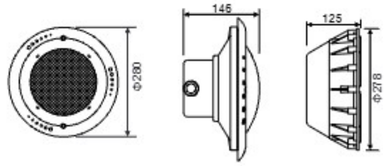
- Standard PAR56 lamp install into standard PAR56 niche of QJ series underwater light, with high brightness and strong luminosity.
- Curved PC lens expands the light refraction, and the crystal lens brings high brightness.
- Different LED lamps in option.
- Compatible with all pools



for liner pool



for concrete pool



TECHNICAL DATA

Model	Power (W)	Voltage (V)	LED QTY	Light source	Color	Lumination flux	Installation type	Optional remote control
WL-QJ-LED018JTB	18W	AC12V	54	SMD LED	White color	1185	√ Housing type for concrete pool with niche √ For fiberglass pool installation √ For different liner pool installation	×
WL-QJ-LED018JTC	18W	AC12V	54	SMD LED	RGB	245		√
WL-QJ-LED024JTB	24W	AC12V	72	SMD LED	White color	1240		×
WL-QJ-LED024JTC	24W	AC12V	72	SMD LED	RGB	375		√
WL-QJ-LED162JTB	18W	AC12-20V	162	Wide voltage	White color	1500		×
WL-QJ-LED162JTC	18W	AC12-20V	162	Wide voltage	RGB	970		×
WL-QJ-LED216JTB	24W	AC12-20V	216	Wide voltage	White color	2150		×
WL-QJ-LED216JTC	24W	AC12-20V	216	Wide voltage	RGB	1500		×
WL-QJ-LED216HTB	35W	AC12-20V	216	Wide voltage	White color	2580		×
WL-QJ-LED216HTC	35W	AC12-20V	216	Wide voltage	RGB	1800		×
WL-QJ-LED16PC	18W	DC12V	16	SMD LED	RGBW	1380		×
WL-QJP300	300W	AC12V	----	PAR56 halogen lamp	----	----		×

Snowate

WL-QJS

Wall Mounted Led Pool Light

Optional abs or stainless steel face plate

corrosion resistance

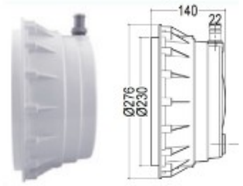
operating voltage:AC12V

working temperature:-20℃~+45℃

lifespan:50000 hours



For concrete pool



For fiberglas & liner pool





18-Buttons Remote Control



APP

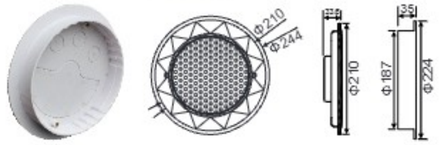
Technical Parameters:

Model	LED chips	Power	Voltage	Color	Installation Type
WL-QJS-LED252JTB	SMD2835 252pcs	18W	AC12V	White	√ Housing type for concrete pool with niche √ for concrete pool √ for fiberglass&liner pool
WL-QJS-LED252JTC	SMD2835 252pcs	18W	AC12V	RGB	
WL-QJS-LED324JTB	SMD2835 324pcs	25W	AC12V	White	
WL-QJS-LED324JTC	SMD2835 324pcs	25W	AC12V	RGB	
WL-QJS-LED432JTB	SMD2835 432pcs	35W	AC12V	White	
WL-QJS-LED432JTC	SMD2835 432pcs	35W	AC12V	RGB	
WL-QJS-LED468JTB	SMD2835 468pcs	42W	AC12V	White	
WL-QJS-LED468JTC	SMD2835 468pcs	42W	AC12V	RGB	
WL-QJ-LED252JTB	SMD2835 252pcs	18W	AC12V	White	
WL-QJ-LED252JTC	SMD2835 252pcs	18W	AC12V	RGB	
WL-QJ-LED324JTB	SMD2835 324pcs	25W	AC12V	White	
WL-QJ-LED324JTC	SMD2835 324pcs	25W	AC12V	RGB	
WL-QJ-LED432JTB	SMD2835 432pcs	35W	AC12V	White	
WL-QJ-LED432JTC	SMD2835 432pcs	35W	AC12V	RGB	
WL-QJ-LED468JTB	SMD2835 468pcs	42W	AC12V	White	
WL-QJ-LED468JTC	SMD2835 468pcs	42W	AC12V	RGB	

WL-QQC

QQC mode light is an ultra-thin series light with niche for concrete pool installation. Its smooth front plate provides simplicity yet elegant.





Main features:

- Material: ABS body+stainless steel base.
- Standard cable: 2.0meters.
- Waterproof: IP68.
- Installation mode: Housing type for concrete pool.
- Color: cool white, warm white, RGB and single blue.
- RGB mode features 19 pre-programmed lighting patterns.
- Color temperature: cool white 6000K, warm white 3000K.

TECHNICAL DATA

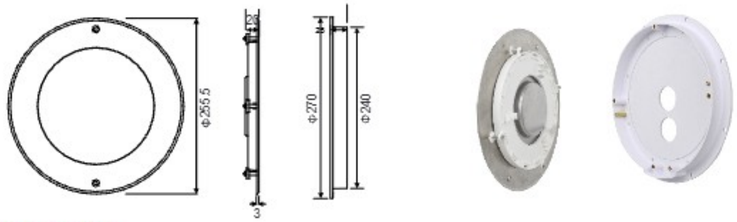
Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-QQC-LED012PB	12W	AC12V	12	High power	White color	885	Housing type
WL-QQC-LED012PC	12W	AC12V	12	High power	RGB	200	Housing type
WL-QQC-LED024PB	24W	AC12V	24	High power	White color	1300	Housing type
WL-QQC-LED024PC	24W	AC12V	24	High power	RGB	352	Housing type
WL-QQC-LED036PB	36W	AC12V	36	High power	White color	1395	Housing type
WL-QQC-LED036PC	36W	AC12V	36	High power	RGB	410	Housing type

WL-QTS



Features:

- Ultra-thin design, perfectly integrated with the pool wall, only 3mm away from pool wall.
- The recessed light housing can be directly embedded into the pool wall, 25mm only.
- Default 9-color mode: It's available to work with normal switch AC12V, YAQ control system and Applume APLU-DW control system with wifi 2.4G, 433MHz wireless high frequency technology.
- Stainless steel 304 light, cooling fast, corrosion resistant, plastic niche.
- Safety low voltage: AC12V
- Waterproof standard: IP68.
- 2 meters cable.



TECHNICAL DATA

Model	Power (W)	Voltage (V)	Number of LEDs	Color	Lumination flux
WL-QTS-LED162JTB	55W	AC12V	162	White	3900
WL-QTS-LED162JTC	55W	AC12V	162	RGB	860

Snowate

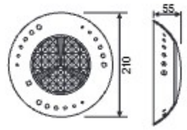
WL-BPB



WL-BPB

Main features:

- Material: anti-UV ABS.
- Safety low voltage: AC12V.
- Installation mode: wall-mounted type.
- Color: cool white, warm white, RGB and single blue.
- Color temperature: cool white 6000K, warm white: 3000K.

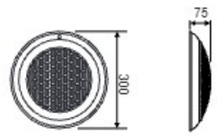


TECHNICAL DATA

Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-BPB-LED072BB	6W	AC12V	72	Standard DIP LED	White color	150	Wall mounted type
WL-BPB-LED072BC	6W	AC12V	72	Standard DIP LED	RGB	88	Wall mounted type
WL-BPB-LED006JTB	6W	AC12V	18	SMD LED	White color	485	Wall mounted type
WL-BPB-LED006JTC	6W	AC12V	18	SMD LED	RGB	85	Wall mounted type
WL-BPB-LED012JTB	12W	AC12V	36	SMD LED	White color	903	Wall mounted type
WL-BPB-LED012JTC	12W	AC12V	36	SMD LED	RGB	215	Wall mounted type

WL-PA

PA series lights features stainless steel material with gliding and elegant design and good heat radiation. Nicheless flat light directly to mount to pool wall with bracket plate, simple and convenient. PC and tempered glass lens are available to select in this series lights.







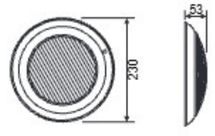
TECHNICAL DATA

Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-PA-LED252BB	18W	AC12V	252	Standard DIP LED	White color	530	Wall mounted type
WL-PA-LED252BC	18W	AC12V	252	Standard DIP LED	RGB	257	Wall mounted type
WL-PA-LED012PB	12W	AC12V	12	High power	White color	885	Wall mounted type
WL-PA-LED012PC	12W	AC12V	12	High power	RGB	200	Wall mounted type
WL-PA-LED024PB	24W	AC12V	24	High power	White color	1300	Wall mounted type
WL-PA-LED024PC	24W	AC12V	24	High power	RGB	352	Wall mounted type
WL-PA-LED036PB	36W	AC12V	36	High power	White color	1395	Wall mounted type
WL-PA-LED036PC	36W	AC12V	36	High power	RGB	410	Wall mounted type
WL-BPA100	100W	AC12V	Lamp bead and toughened glass lens		----	----	Wall mounted type
WL-BPA150	150W	AC12V	Lamp bead and toughened glass lens		----	----	Wall mounted type
WL-BPC150	150W	AC12V	Lamp bead and pc lens		----	----	Wall mounted type

WL-PE

Main features:

- Material: Stainless steel.
- Lens: PC.
- Safety low voltge: AC12V.
- Installation mode: wall-mounted type.
- Color: cool white, warm white, RGB and single blue.
- Cable: 2.0meters.





TECHNICAL DATA

Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-PE-LED072BB	6W	AC12V	72	Standard DIP LED	White color	150	Wall mounted type
WL-PE-LED072BC	6W	AC12V	72	Standard DIP LED	RGB	88	Wall mounted type
WL-PE-LED144BB	12W	AC12V	144	Standard DIP LED	White color	302	Wall mounted type
WL-PE-LED144BC	12W	AC12V	144	Standard DIP LED	RGB	168	Wall mounted type
WL-PE-LED252BB	18W	AC12V	252	Standard DIP LED	White color	500	Wall mounted type
WL-PE-LED252BC	18W	AC12V	252	Standard DIP LED	RGB	245	Wall mounted type
WL-PE-LED006JTB	6W	AC12V	18	SMD LED	White color	485	Wall mounted type
WL-PE-LED006JTC	6W	AC12V	18	SMD LED	RGB	85	Wall mounted type
WL-PE-LED012JTB	12W	AC12V	36	SMD LED	White color	903	Wall mounted type
WL-PE-LED012JTC	12W	AC12V	36	SMD LED	RGB	215	Wall mounted type
WL-BPE075	75W	AC12V	Lamp bead and PC lens		----	----	Wall mounted type
WL-BPE100	100W	AC12V	Lamp bead and PC lens		----	----	Wall mounted type



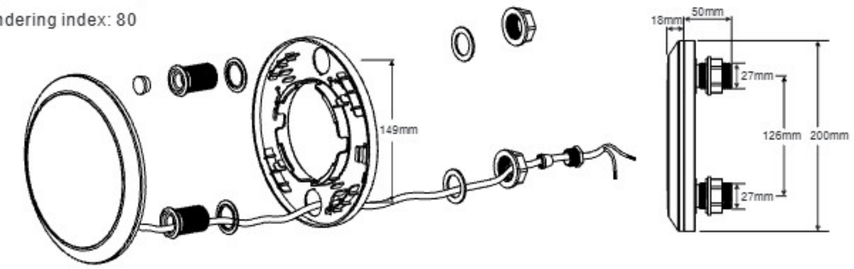
WL-PE20

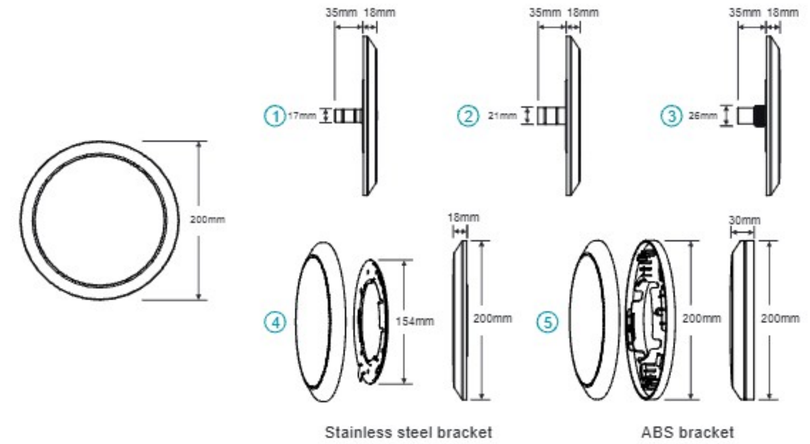
Features:

- Wide beam angle 115°-ultra-wide beam angle eliminates shadows for flawless, uniform pool lighting.
- Elegant design - the narrow face plate and 240-leds ring-shaped light source are perfectly integrated.
- Advanced cooling technology - Keeping the PCB cooler improves efficiency and extends life.
- Smart safety – Overvoltage protection + thermal dimming prevents damage from power surges and overheating.
- Plastic and stainless steel 2-face plate available to give users more freedom to choose.
- RGB lights, free choice of colour, one-click synchronization.
- A variety of white color choice: cold white 6500K, daylight white 4000K, warm white 2700K.
- Easy installation-12VAC with 2-wire cabling, 12-24VDC with 3-wire cabling, unique communication protocol over the power cable.
- With a variety of accessories, it can be used in a variety of different swimming pools
- Easy control-YAQ controller and APPLUME controller are compatible, you can also remotely control your lights through APP, freely control control your pool lights.
- Fixed programs
- Dimming mode & music rhythm
- Color rendering index: 80









Stainless steel bracket ABS bracket

TECHNICAL DATA

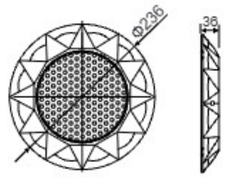
Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination flux	Installation type
WL-PE20-024JTC	24W	AC12V/DC12-24	240	SMD LED	RGB	1125	
WL-PE20-024JTB2	24W	AC12V/DC12-24	240	SMD LED	Warm white	2688	☑Wall-mounted
WL-PE20-024JTB4	24W	AC12V/DC12-24	240	SMD LED	Day white	3192	☑Wall recessed
WL-PE20-024JTB4	24W	AC12V/DC12-24	240	SMD LED	Cool white	2712	

WL-PQ

Main features:

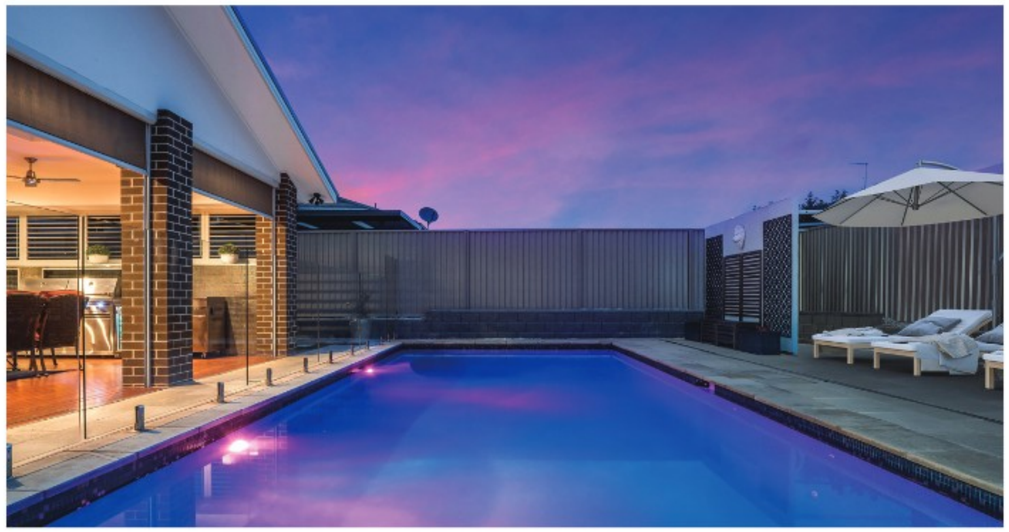
- Material: ABS face ring+stainless steel base.(It's special made of stainless steel base much better heat radiation for high power lamp than other models.)
- Lamp source: big power led lamp.
- Installation mode: wall-mounted type .
- Color: cool white, warm white, RGB and single blue.
- RGB mode features 19 pre-programmed lighting patterns.
- Color temperature: cool white 6000K, warm white: 3000K.





"PQ" SERIES LED FLAT UNDERWATER LIGHTS

Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Lumination lux	Installation type
WL-PQ-LED012PB	12W	AC12V	12	High power	White color	885	Wall mounted type
WL-PQ-LED012PC	12W	AC12V	12	High power	RGB	200	Wall mounted type
WL-PQ-LED024PB	24W	AC12V	24	High power	White color	1300	Wall mounted type
WL-PQ-LED024PC	24W	AC12V	24	High power	RGB	352	Wall mounted type
WL-PQ-LED036PB	36W	AC12V	36	High power	White color	1395	Wall mounted type
WL-PQ-LED036PC	36W	AC12V	36	High power	RGB	410	Wall mounted type



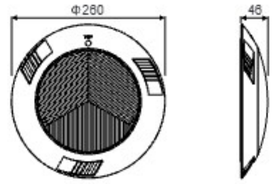
WL-PSE



WL-PSE

Features:

- Wall-mounted, easy to install.
- High brightness, large lumen, strong light transmission.
- Safety low voltage: 12VAC, DC12-24V.
- White LED light color rendering index of up to 84, high light efficiency and high light color consistency.
- Intelligent control: Equipped with Bluetooth wireless connection function, which can be easily used through mobile APP and wireless remote control.
- Light beam: 120°.
- The average LED life span exceeds 50,000 hours.
- Protection rating: Ip68.
- Operating Temperature: Up to 45°C.



TECHNICAL DATA

Model	Power(W)	Voltage(V)	LED QTY	Light source	Color	Luminous flux	Installation type
WL-PSE-LED018JTB	18W	AC12V / DC12-24V	171	SMD LED	WHITE	1890	Wall mounted type
WL-PSE-LED018JTC	18W	AC12V	171	SMD LED	RGB	1040	
WL-PSE-LED018JTCD	18W	AC12V / DC12-24V	171	SMD LED	RGB-Dimming mode	1040	
WL-PSE-LED024JTB	24W	AC12V / DC12-24V	234	SMD LED	WHITE	2760	
WL-PSE-LED024JTC	24W	AC12V	234	SMD LED	RGB	1250	
WL-PSE-LED024JTCD	24W	AC12V / DC12-24V	234	SMD LED	RGB-Dimming mode	1250	

Note:

- Default 9-color mode: It's available to work with normal switch 12Vac, YAQ control system and Applume APLU-DW control system with wifi 2.4G, 433MHz wireless high frequency technology.
- Dimming mode: People can use control LED though remote controller or mobile App to switch LED color, brightness, dimming mode and automatic color synchronization.

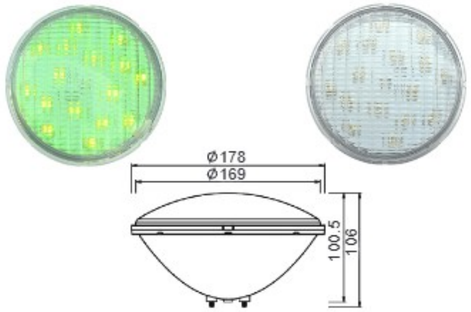
WL-PAR56

Main features:

- Standard PAR56 lamp install into standard PAR56 niche.
- Curved PC lens expands the light refraction, and the crystal lens brings high brightness.
- Different LED lamps in option.
- Monochrome and multicolor are available.



Remote control (optional)



RGB and RGBW

- Common RGB LED bulbs are made by three colours of red, green and blue and create gradients, blinks and blending modes.
- RGBW contains four colors of red, green, blue and white, and expands to milions colours and changing modes to create natural cool white, warm white and infinity other colours

LED PAR56 BULBS

Model	Power (W)	Voltage (V)	LED QTY	Light source	Color	Lumination lux	Optional: remote control
WL-PAR-LED252BB	18W	AC12V	252	Standard DIP LED	White color	530	×
WL-PAR-LED252BC	18W	AC12V	252	Standard DIP LED	RGB	257	√
WL-PAR-LED012PB	12W	AC12V	12	High power LED	White color	885	×
WL-PAR-LED012PC	12W	AC12V	12	High power LED	RGB	200	×
WL-PAR-LED024PB	24W	AC12V	24	High power LED	White color	1300	×
WL-PAR-LED024PC	24W	AC12V	24	High power LED	RGB	352	×
WL-PAR-LED018JTB	18W	AC12V	54	SMD LED	White color	1185	×
WL-PAR-LED018JTC	18W	AC12V	54	SMD LED	RGB	245	√
WL-PAR-LED024JTB	24W	AC12V	72	SMD LED	White color	1240	×
WL-PAR-LED024JTC	24W	AC12V	72	SMD LED	RGB	375	√
WL-PAR-LED162JTB	18W	AC12V-20V	162	Wide voltage	White color	1500	×
WL-PAR-LED162JTC	18W	AC12V-20V	162	Wide voltage	RGB	970	×
WL-PAR-LED216JTB	24W	AC12V-20V	216	Wide voltage	White color	2150	×
WL-PAR-LED216JTC	24W	AC12V-20V	216	Wide voltage	RGB	1500	×
WL-PAR-LED216HTB	35W	AC12V-20V	216	Wide voltage	White color	2580	×
WL-PAR-LED216HTC	35W	AC12V-20V	216	Wide voltage	RGB	1800	×
WL-PAR-LED16PC	18W	DC12V	16	SMD LED	RGBW	1380	×

E27 LED LIGHT BULBS



E27 LED LIGHT BULBS

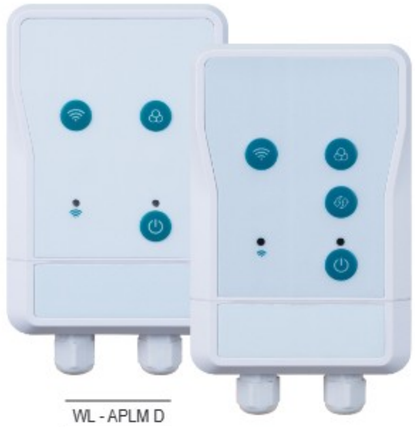
Model	Description	Power (W)	Voltage (V)	Lumination lux	Installation type
WL-LED072	Standard size E27 lamp with 72 leds, able to replace traditional 100W/300W incandescent lamp of light with niche	6W	AC12V	150 (Cool/warm white) 88 (RGB)	Housing type
WL-LED144	Standard size E27 lamp with 144 leds, able to replace traditional 100W/300W incandescent lamp of light with niche	12W	AC12V	302 (Cool/warm white) 168 (RGB)	Housing type
WL-LED252	Standard size E27 lamp with 252 leds, able to replace traditional 100W/300W incandescent lamp of light with niche	18W	AC12V	530 (Cool/warm white) 257 (RGB)	Housing type



UNDERWATER LIGHTS

APPLUME PLUS
UNDERWATER LIGHTING CONTROLLER

The Applume Plus Underwater Lighting Controller is a fully intelligent control hub meticulously crafted for high-end aquatic landscapes. With precise signal transmission at its core, it breaks through the limitations of traditional controllers that merely switch power on/off, delivering a truly personalized and remote lighting control experience.
Whether you are creating a private courtyard landscape, upgrading a premium pool, or constructing a commercial-grade water feature project, this controller seamlessly adapts. It not only supports remote control via a mobile APP, allowing you to manage lighting states with one tap whether at home or away, but also enables comprehensive and precise dimming. From warm ambient light to dynamic colorful displays, from romantic gradients to vibrant flashes, customize your exclusive lighting effects at will.



WL - APLM D

WL - APLM S



Brightness +
Brightness -
Contrast +
Contrast -
Mode Switch
On/Off

Network Pairing
Mode
Sync
Power
Network Pairing Indicator
Power Indicator

WL-APLM D

Product Features

- **Multi-Mode Smart Control for Full-Scenario Coverage:**
  Supports three control methods: local control, remote control, and mobile APP (Tuya Smart). Suitable for centralized management in equipment rooms, on-the-spot adjustment by the poolside, and remote smart control, meeting diverse needs from daily use to intelligent scenarios.

- **Remote Intelligent Control for On-Demand Lighting Management:**
  Enables remote on/off switching, linkage control, and status management via the APP, eliminating the need for manual operation beside the device. Paired with independent control signals for precise light driver, it offers faster response and more stable control, ideal for daily management of both residential and commercial pools.



- **Full-Range Dimming Capability to Unleash Smart Underwater Light Value:**
  When paired with latest smart underwater light series, the APP supports multi-dimensional adjustments including color and brightness. Custom lighting modes can be created, allowing flexible switching from basic illumination to personalized ambiance.

- **Pre-Set Lighting Modes for Efficient One-Tap Activation:**
  Features multiple built-in, ready-to-use lighting modes that take effect immediately upon selection without complex debugging. Enables quick switching between different lighting effects for daily use, enhancing convenience and consistent experience to easily set the atmosphere.



- **AC/DC Wide Voltage Input for Flexible Project Adaptation:**
  Supports both AC and DC power supply, compatible with a wide voltage input range of 12V~24V. Employs a constant-current drive design to improve system stability and project adaptability.

- **Reliable Protection Design for Pool Application Environments:**
  Rated IPX4 for splash resistance, capable of handling moisture and splashing conditions in pool equipment rooms and outdoor environments with basic shelter, ensuring long-term stable system operation.

WL-APLM S

Product Features



- **Three Control Methods Integrated into One for Versatile Scenarios:**
  The Applume Plus-S supports three control method: the local control panel, remote control, and the smart APP(Tuya Smart). It can be flexibly applied to various usage scenarios: centralized control in the equipment room, on-the-spot adjustment by the poolside, and remote management via smartphone. This meets multi-level needs from basic to intelligent control, offering intuitive and user-friendly operation.

- **Multi-Light Synchronization for Unified Lighting Effects:**
  Supports synchronized on/off switching and lighting effect control for multiple underwater lights with a single tap, eliminating the complexity of operating lights individually. This ensures consistent lighting presentation across the entire pool, allowing for quick creation of complete illumination and ambiance.



- **Linked Switch Control for Automatic Operation with Equipment:**
  Upon integration with the Tuya APP, the WL-APLM S supports linked control between underwater lights and other Tuya-compatible devices (such as pumps). This enables synchronized operation where the lights turn on automatically when the linked device starts and turn off when the device stops, providing an intuitive and reliable automated lighting control solution.

- **System-Compatible Design Supporting Smooth Upgrades:**
  As the core lighting control unit, the Applume Plus-S is compatible with standard underwater lights. It allows for integration into existing systems without the need to replace fixtures or modify the original power supply and wiring structure, enabling a smooth upgrade from basic control to centralize, intelligent control.

- **Simple and Quick Installation, Suitable for New and Retrofit Projects:**
  Utilizes a 12V AC or DC 12-24V power supply and a constant-current drive control scheme, eliminating the need for complex circuit modifications. With clear wiring logic, deployment can be completed simply by following the installation instructions. It is suitable for both new pool construction projects and upgrades to existing pool control systems.

- **Stable Protection Design Adapted to Pool Environments:**
  Features an IPX4 splash resistance rating, capable of handling common moisture and splashing conditions found in pool equipment rooms and sheltered outdoor environments, ensuring long-term stable system operation.

App Control Functions

You can also control your underwater lighting through the app for more convenient operation. Please search for "Tuya" on Google Play or the App Store to download the app and enable smart remote control of your underwater lighting.



Lighting Mode Switching/ Brightness Adjustment

You can use the app to achieve stepless adjustment of the light brightness according to your actual needs. Various rich lighting effects, including Color Mode and White Mode, can be easily adjusted via the app.



Timer Settings

You can set the switch-on/off times and duration for the pool lights. Once the set daily schedule is reached, the pool lights will automatically turn on and off.



Dual-Mode Scenes

Custom Scene: Set the light color, brightness, and pulse/breathing rate according to your personal preference to create dynamic underwater lighting effects tailored to you.
Recommended Scene: Directly select from system-preconfigured scene modes. Optimized lighting effects can be activated quickly without manual parameter configuration.



Circadian Rhythm

You can fully configure and control the Circadian Rhythm mode of the underwater lights through the app, simulating the dynamic patterns of natural light changes.

Product Parameters

Controller Type for Underwater Lights	Compatible Underwater Light Types	
WL-APLM D	PE20/PE20C/PE Y25T/PS Y25T	
WL-APLM S	Traditional Pre-Set Mode Underwater Lights	
Parameter Name	WL-APLM D	WL-APLM S
Power Input	12V-24V	12/12-24V
Current Output	Not Limited	10A MAX
Communication Method	UART Signal	Relay Control for Power Switching
Product Dimensions	153x85x29mm	
Remote Control Distance	30 meters (line-of-sight, unobstructed)	
Operating Environment	Temperature: 0°C - 45°C	

Snowate

LIGHT CONTROL BOX

Features:

- All of the AC12V and AC12-20V input LED lights can be controlled by this system.
- If the system is installed out-of-doors, a housing must be provided to prevent rain and sunlight .
- It is also better to keep the system away from electromagnetism radicalization.
- One system can control the LED lights with total power not more than 100W.
- Electrical overload & leakage protection.
- Easy and simple operation with 4 keys.



Remote Control System



WL-LED-YAQ01(With Transformer)



WL-LED-YAQ02(No Transformer)

LIGHT CONTROL BOX

Model	Description	Remote controller	Remote control area
WL-LED-YAQ01	Control box with transformer 100W, input 110-220V, output AC12V	With	100 meters
WL-LED-YAQ02	Control box without transformer, input AC12V, output AC12V	With	100 meters

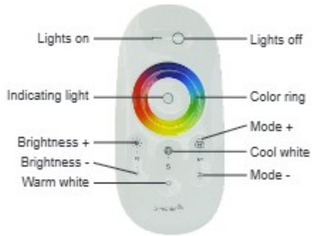


RGBW TOUCH CONTROLLER

This control system uses the advanced microcomputer technology to easily control the LED underwater lights, with thousands colors and 12 automatic change modes to choose from. With 2.4G wireless high frequency remote control technology, it has the characteristics of lower power consumption, long distance transmission, and strong anti-interference capability, high speed telecommunication, etc. All buttons are with sensitive touch function to achieve color changing and brightness dimming.

- Model: WL-LED-YAQ06.
- Input power: AC100-230V/47-63Hz/1200mA.
- Output power: DC12V/5A/60W.
- Effective control of distance : 30 meters.
- Programs: 12 modes.





TRANSFORMER



Water-proof Transformer For Pool Lights

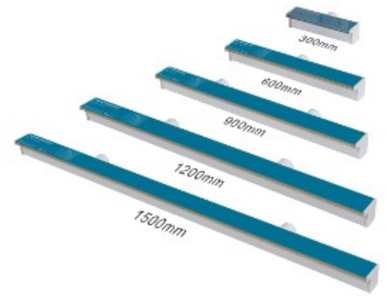
Model	Description	Power (W)	Waterproof standard
WL-FSBY50	Transformer 50W, input AC110V/220V, output AC12V	50W	IP44/IP68
WL-FSBY100	Transformer 100W, input AC110V/220V, output AC12V	100W	IP44/IP68
WL-FSBY150	Transformer 150W, input AC110V/220V, output AC12V	150W	IP44/IP68
WL-FSBY200	Transformer 200W, input AC110V/220V, output AC12V	200W	IP44/IP68
WL-FSBY250	Transformer 250W, input AC110V/220V, output AC12V	250W	IP44/IP68
WL-FSBY300	Transformer 300W, input AC110V/220V, output AC12V	300W	IP44/IP68
WL-FSBY400	Transformer 400W, input AC110V/220V, output AC12V	400W	IP44/IP68
WL-FSBY600	Transformer 600W, input AC110V/220V, output AC12V	600W	IP44/IP68

WATER DESCENT

WL-WDA

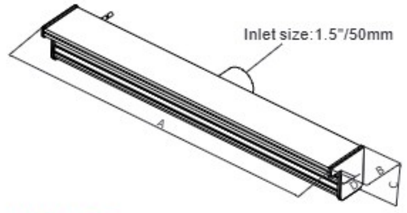


The water descent are suitable for installation on finished walls and new construction walls.
Product design unique, novel, beautiful; with the optional RGB LED strip, the unit provides you colourful waterfall, which will bring elegance and visual interest to your life; Efficient to hide outlet, to a beautiful linear effect the water.



Features:

- The water descent can be widely used in swimming pool, parks or gardens.
- Different lengths available: 300mm, 600mm, 900mm, 1200mm, 1500mm.
- Free choice: with or without led strip.
- Safety power DC12V output is more reliable and security.
- Multiple color is available to switch by remote controller.
- The LED lights can be operated through remote control,18 light modes are available.
- Lip:25mm.





Technical Data

Model	A (mm)	B (mm)	C (mm)	D (mm)	LED	Type Of Wall Installation
WDA300-25	300	138	79	25	----	Existing wall
WDA600-25	600	138	79	25	----	Existing wall
WDA900-25	900	138	79	25	----	Existing wall
WDA1200-25	1200	138	79	25	----	Existing wall
WDA1500-25	1500	138	79	25	----	Existing wall
WDA300-25L	300	138	79	25	DC 12V/4W	Existing wall
WDA600-25L	600	138	79	25	DC 12V/8W	Existing wall
WDA900-25L	900	138	79	25	DC 12V/12W	Existing wall
WDA1200-25L	1200	138	79	25	DC 12V/17W	Existing wall
WDA1500-25L	1500	138	79	25	DC 12V/22W	Existing wall



Control system with transformer



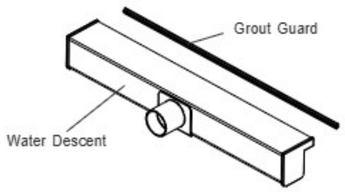
Transformer

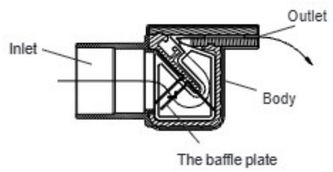


Control board+controller

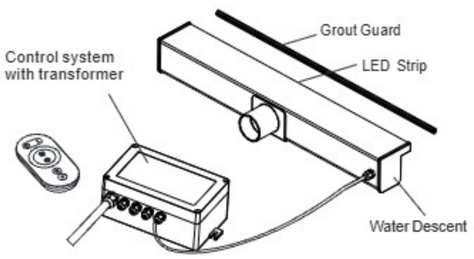
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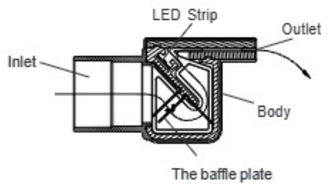
- Water descent



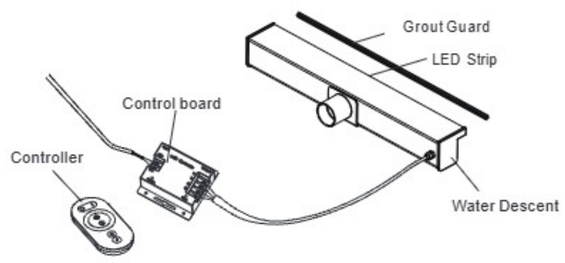


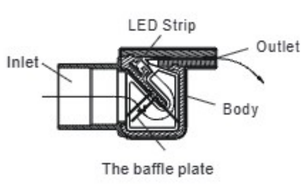
- Water descent with control system & transformer





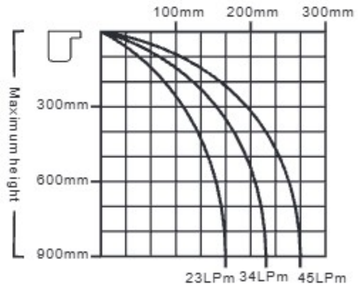
- Water descent with control board+controller



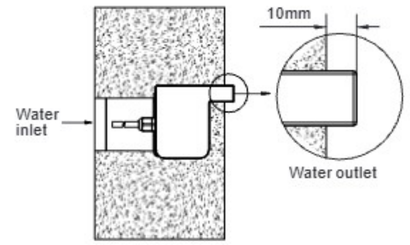


Note: Must be mounted in a waterproof enclosure.

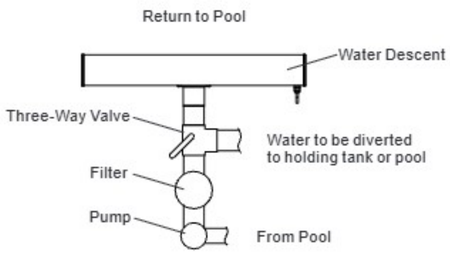
Approximate projection of sheet of water per 300mm of waterfall length

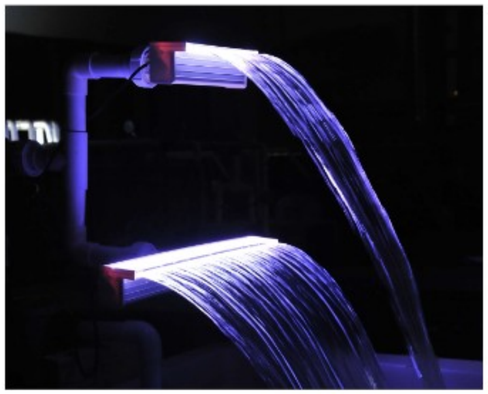


Waterfall installation icon applies to existing wall styles

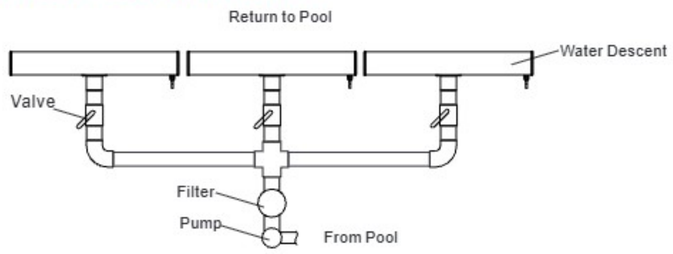


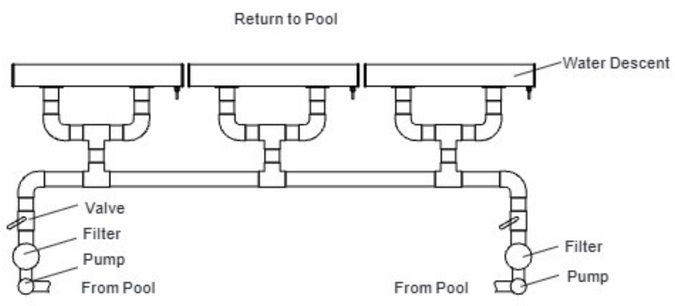
Installation for piping single unit with ball valve



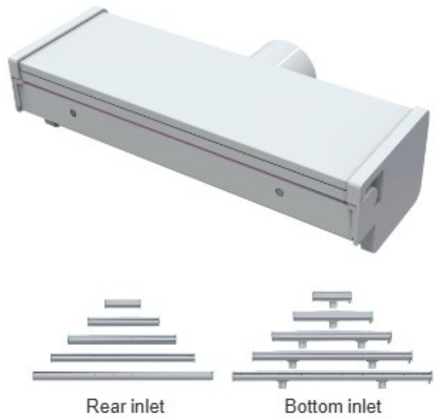


Multiple units ball valve. (It is best to valve each unit)





WGL WATER DESCENT



Waterfall Glow, Defining Luxury Water Aesthetics
WaveGlow provides you colourful waterfall, which will bring elegance and visual interest to your life, efficient to hide outlet, creating a beautiful linear effect the water.

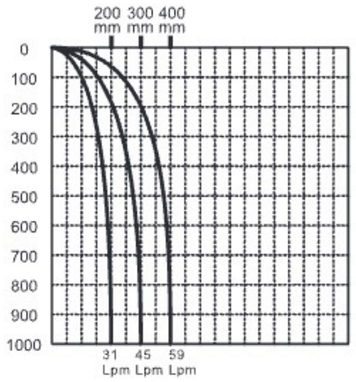
Main features:

- With 13 preset light modes, the waterfall descent can be controlled via a 2.4G remote, and you can also customize the colors to suit your preference.
- Light strip detachable design,easy maintenance.
- It can self-network to achieve synchronized lighting effects throughout the entire pool.
- Available with bottom or rear inlet, meet different installation requirement.
- Different lengths are available : 300mm, 600mm, 900mm, 1200mm, 1500mm.

Products parameters

Model	Power (W)	Voltage	Material	Length (mm)	LED QTY. (pcs)	Cable Length (m)	Colour	Remark
WGL300-25D	3	DC24V	UPVC	300	28	3	RGB	Bottom inlet
WGL300-25B	3	DC24V	UPVC	300	28	3	RGB	Rear inlet
WGL600-25D	6	DC24V	UPVC	600	56	3	RGB	Bottom inlet
WGL600-25B	6	DC24V	UPVC	600	56	3	RGB	Rear inlet
WGL900-25D	9	DC24V	UPVC	900	84	3	RGB	Bottom inlet
WGL900-25B	9	DC24V	UPVC	900	84	3	RGB	Rear inlet
WGL1200-25D	12	DC24V	UPVC	1200	112	3	RGB	Bottom inlet
WGL1200-25B	12	DC24V	UPVC	1200	112	3	RGB	Rear inlet
WGL1500-25D	15	DC24V	UPVC	1500	140	3	RGB	Bottom inlet
WGL1500-25B	15	DC24V	UPVC	1500	140	3	RGB	Rear inlet

Flow rate chart & parameter table

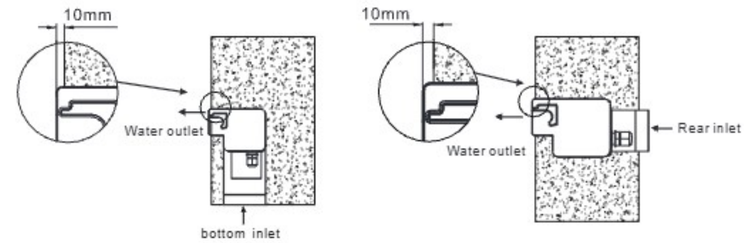


Model	200mm	300mm	400mm
WGL300-25D/25B	31Lpm	45Lpm	59Lpm
WGL600-25D/25B	73Lpm	100Lpm	133Lpm
WGL900-25D/25B	95Lpm	127Lpm	168Lpm
WGL1200-25D/25B	118Lpm	153Lpm	202Lpm
WGL1500-25D/25B	140Lpm	179Lpm	236Lpm

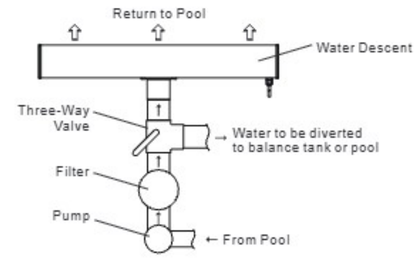
Installation diagram

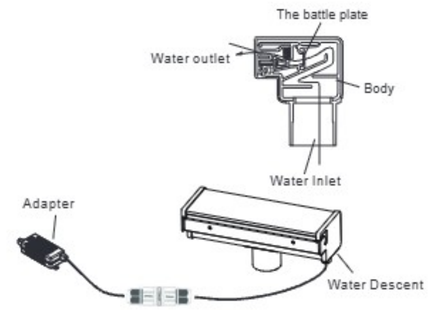
- Waterfall installation icon applies to existing wall styles

Bottom inlet: WGL300-25D/WGL600-25D/WGL900-25D/WGL1200-25D/WGL1500-25D
Rear inlet: WGL300-25B/WGL600-25B/WGL900-25B/WGL1200-25B/WGL1500-25B

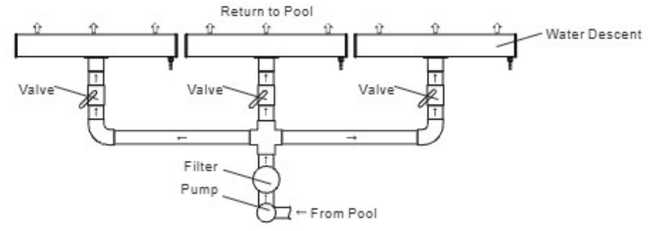


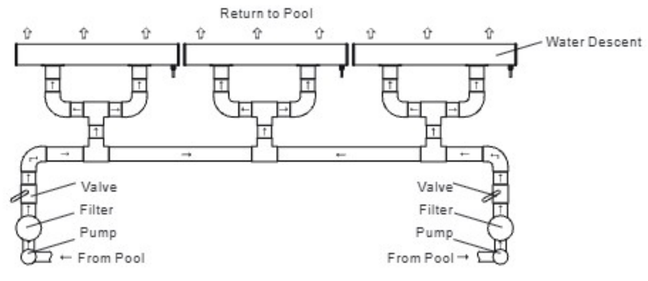
- Installation for piping single unit with ball valve





- Multiple units ball valve. (It is best to valve each unit)

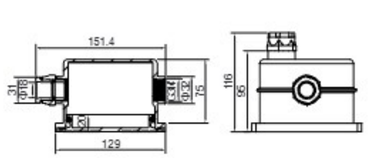




JUNCTION BOX & FLEXIBLE HOSE



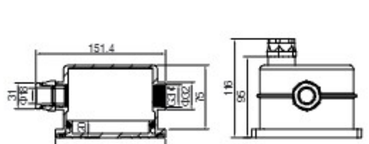
PA15861



Products	Junction Box
Model	PA15861
Colour	White color
Material	ABS



PA30825



Products	Junction Box
Model	PA30825
Colour	White color
Material	ABS





Niche light installation



Flat light installation

Products	Flexible hose
Model	PA00394
Colour	Gray
Material	ABS
Length	1meter
Connection	3/4" ext. thread

WATERPROOF WIRE CONNECTORS

- Model: LS-M20-10
- Description: 2-ways 3-pole wire connector, Cage spring type.
- Cable size: Ø6-10mm, including live wire, neutral wire and earth wire.
- Rated voltage: 300V.
- Rated current: 10A.
- Overvoltage category: III.
- Insulation resistance: ≥ 100MΩ.
- Operating temperature: -40℃-125℃.
- IP degree protection: IP67/IP68.

Wide Usability: Suitable for fast connection to the outdoor lighting, underwater lighting, underfloor heating, etc. Can be used to repair and extend power cables.







WATERPROOF WIRE CONNECTORS

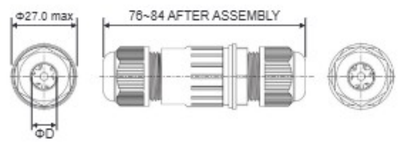




- Model: LS-M20S-11
- Description: 2-ways 3-pole wire connector, Screw type.
- Cable size: Ø7-10.5mm, including live wire, neutral wire and earth wire.
- Rated voltage: 400V.
- Rated current: 10A.
- Overvoltage category: III.
- Insulation resistance: ≥ 100MΩ.
- Operating temperature: -40℃-125℃.
- IP degree protection: IP67/IP68.

Wide Usability: Suitable for fast connection to the outdoor lighting, underwater lighting, underfloor heating, etc. Can be used to repair and extend power cables.





WATERPROOF WIRE CONNECTORS



- Model: LS-YN1200WN-P.
- Description: 2-ways 2-pin wire connector, plug and play.
- Cable size: Ø3.5-5.5mm, including live wire, neutral wire and earth wire.
- Rated voltage: 230V/AC/DC.
- Rated current: 13A.
- IP degree protection: IP67.

Wide Usability: Suitable for fast connection to the outdoor lighting, underwater lighting, underfloor heating, etc. Can be used to repair and extend power cables.





