

WARMPOOL



2019-2020
Professional Underwater Lighting Manufacturer
for Swimming Pool / Hot Spring / Spa / Fountain / Pond

WARMPOOL



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WIFI Control Box



WP0001(WIFI Control Box)



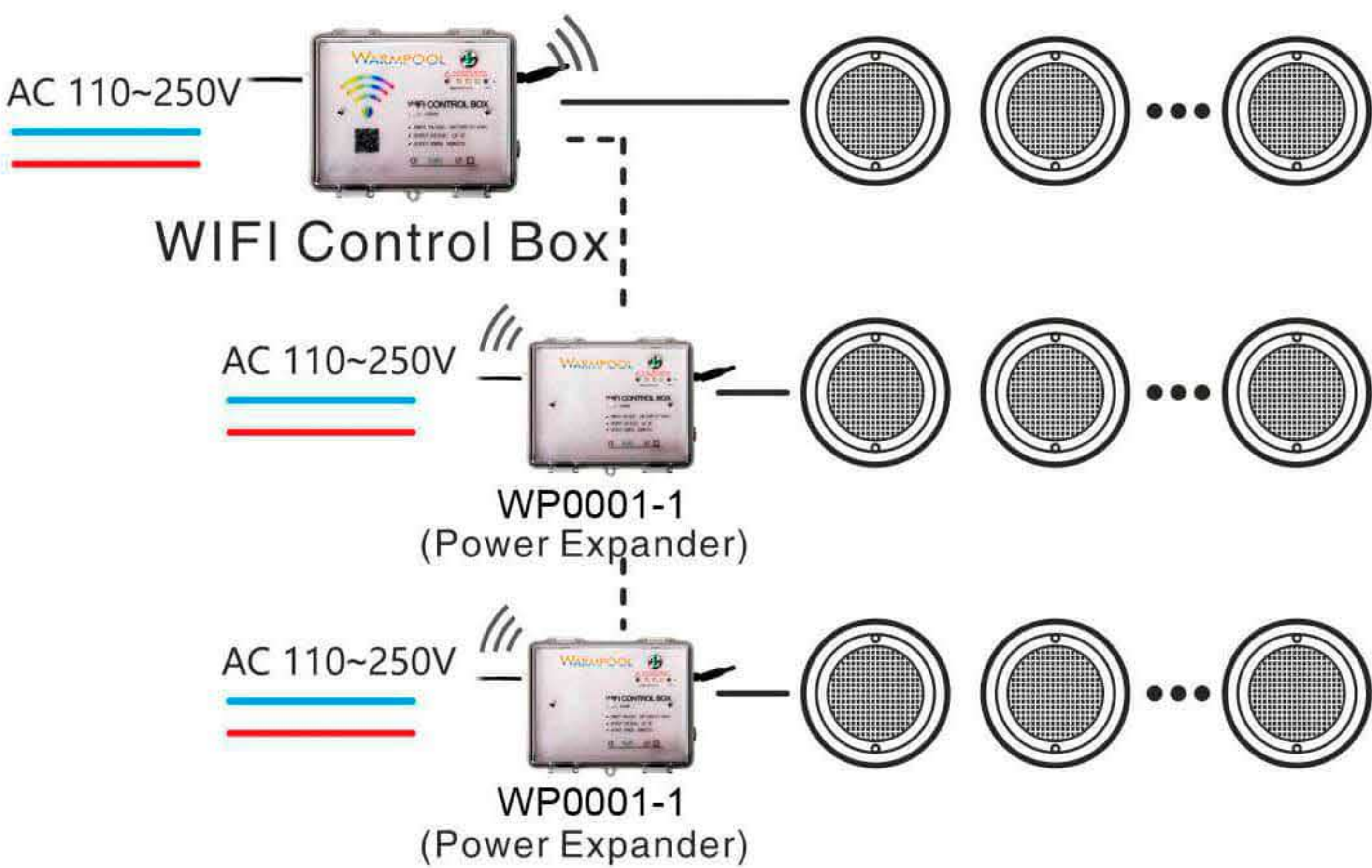
WP0001-1(Power Expander)

Product Overview

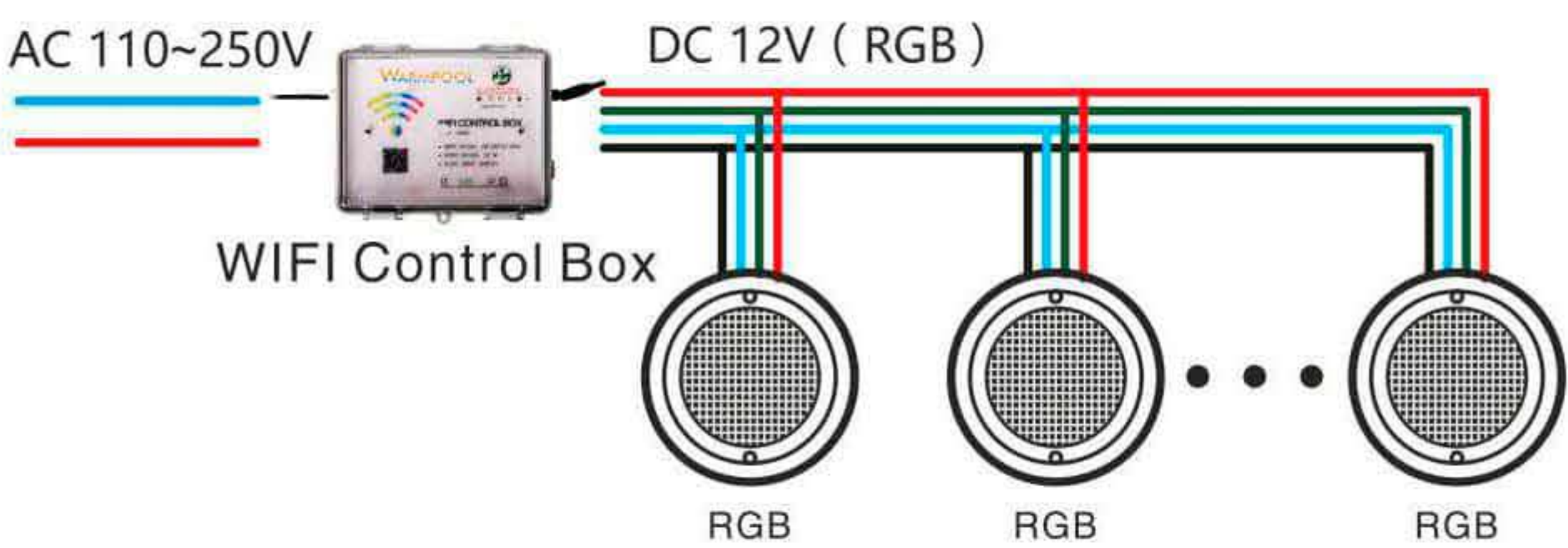
WIFI Control Box is based on the traditional radio frequency technology due to the market and customer needs. It is a control box that integrates the latest WIFI technology on the market. Control lighting by mobile device (on/off light, tune section lighting brightness, set lighting effect mode, custom, timer). Control box has 30 light change modes, 100 meters without obstacles remote control and 100% synchronization. It makes the control of LED lamps more convenient and more human turn. You can remotely control the LED fixtures by installing the app on a mobile device that already has an Android or IOS system installed. It is also the voice of every customer!

Using WIFI technology can make our control range wider, can break free from the constraints of small space, and control indoors. The distance is 50 meters, and the distance controlled outdoors is more than 100 meters. This WIFI control box also accepts/issues DMX 512 signals for long-distance synchronization.

WIFI Control Box Circuit Diagram



(RGB)Circuit Diagram



WP0001 (WIFI Control Box) Parameters:

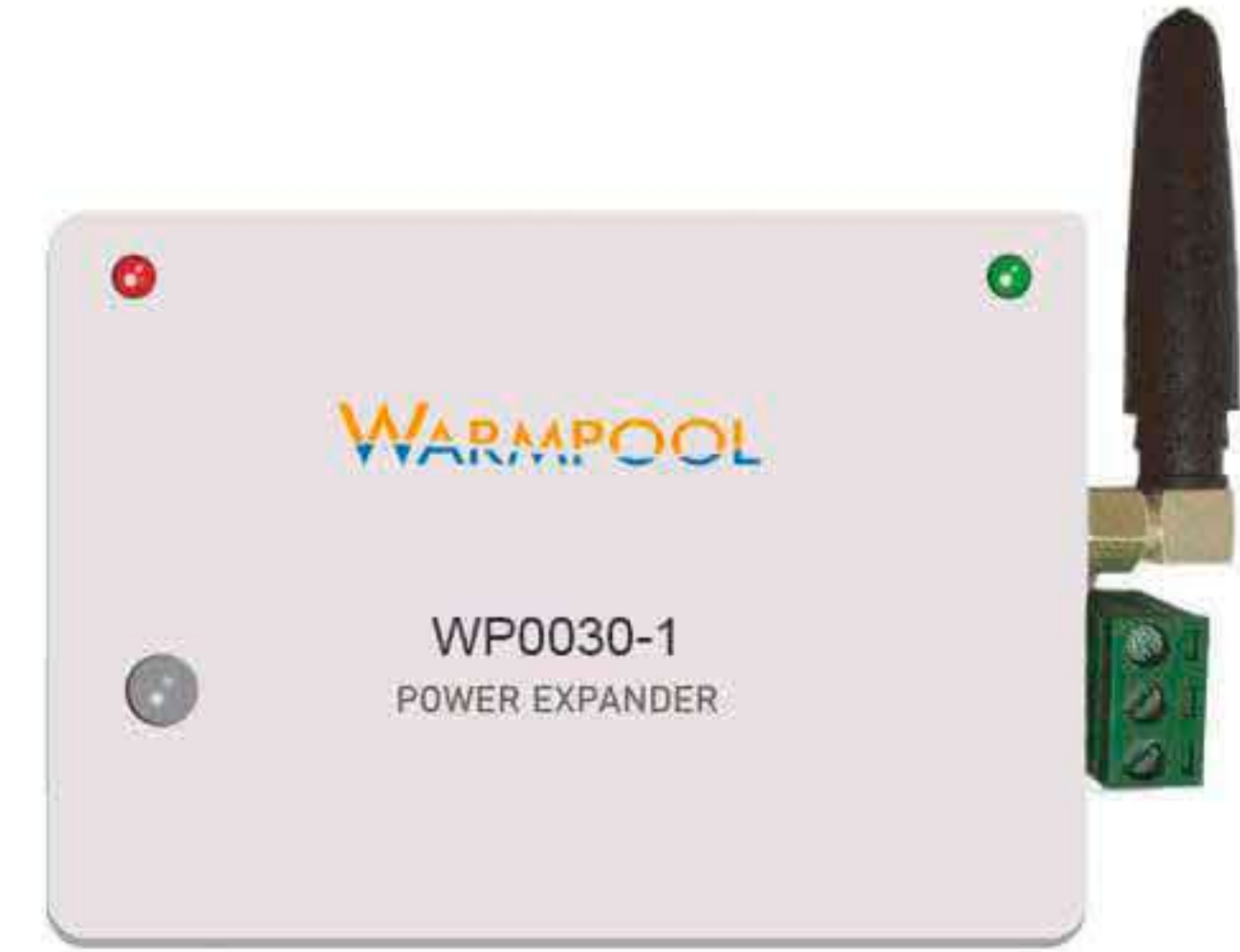
Language: English, Chinese
Free, Green, No Plug-ins
(Wide Range)Input Voltage: AC 110~250V
(Safety)Output Voltage: DC 12V
Rated Power: 300W
Compatible with RGB(4 wires)or RGBW(5wires)Pool lights
Operating Distance: 100M
Control Way: RF Remote/Mobile APP/DMX 512
Platform: Android 4.0 or above IOS 6.0 or above.

WP0001-1(Power Expander) Parameters:

(Wide Range)Input Voltage:AC 110~250V
(Safety)Output Voltage:DC 12V
Compatible with RGB(4wires)or RGBW(5wires)Pool lights
Rated Power:300W
Operating Distance:100M

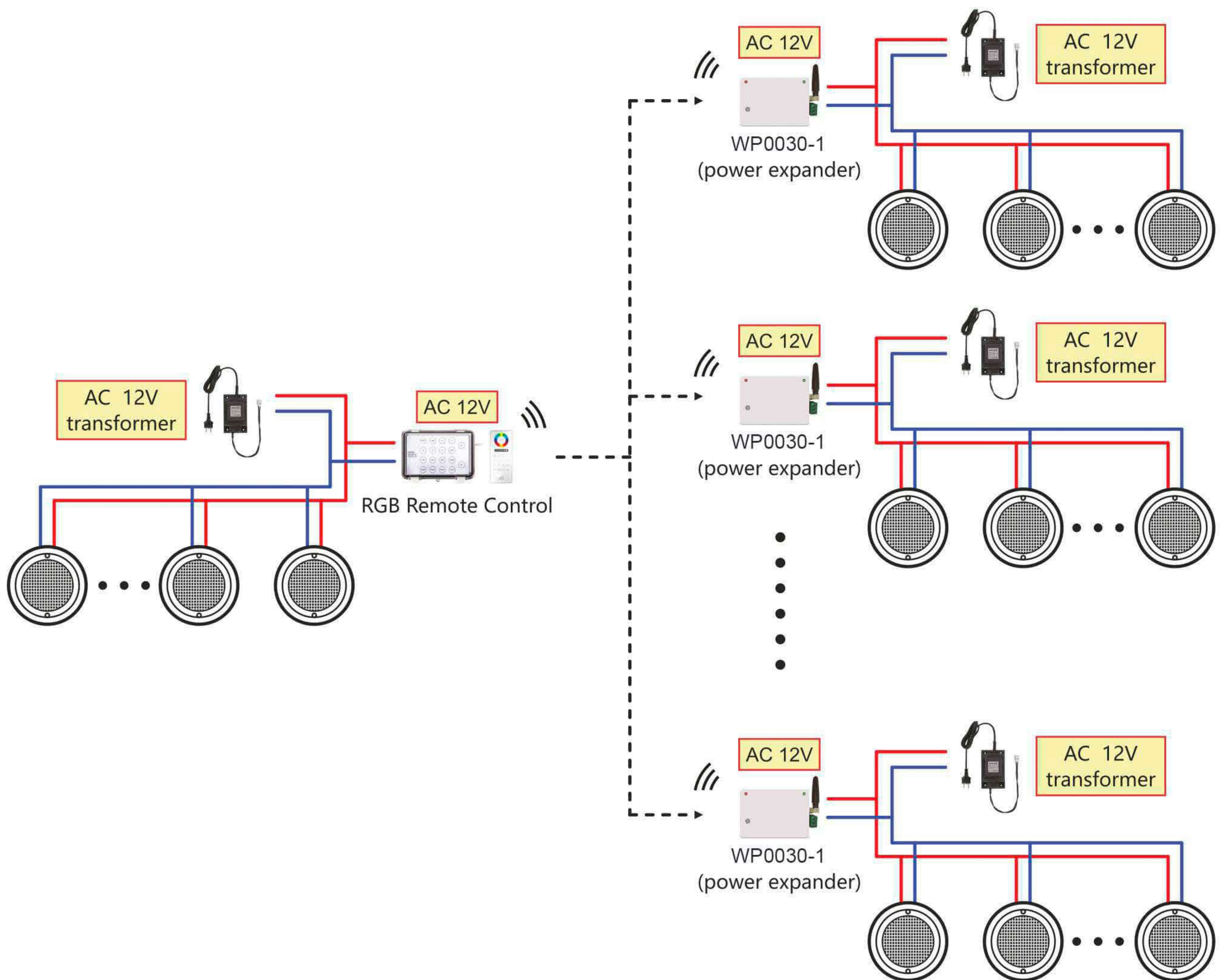


WP0030 (RGB Remote Control)



WP0030-1(Power Expander)

RGB Remote Control Circuit Diagram



WP0030(RGB Remote Control) Features

- Input Voltage: AC 12V
- Optional: Speed and Mode
- Operating Distance: 100m
- 7 different static color, 5 cycling modes, 10 speeds
- Max Power Load: 300W, capacity 30 LED pool lights

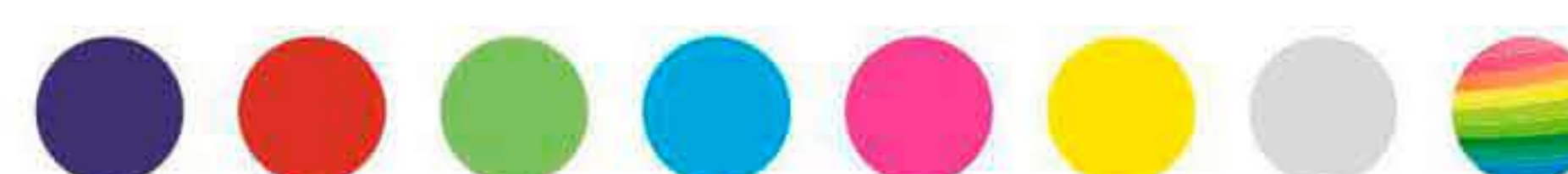
★UPDATED!

3 RGB Control Methods: WP0030 Remote Controller, Auto Change, ON/OFF Switch. Even if you don't use WP0030, you can use Auto Change and ON/OFF Switch.

Auto Change: 16 preset color changing programs, start automatically when energized.

ON/OFF Switch: Select one of the 16 preset color modes through one on one off of the power supply.

For details of the latest products, please consult WAKING sales team when purchasing.



WP0030-1(Power Expander) Features

- Input Voltage: AC 12V
- Max Power Load: 300W
- Compatible with RGB remote controller
- Operating Distance: 100M

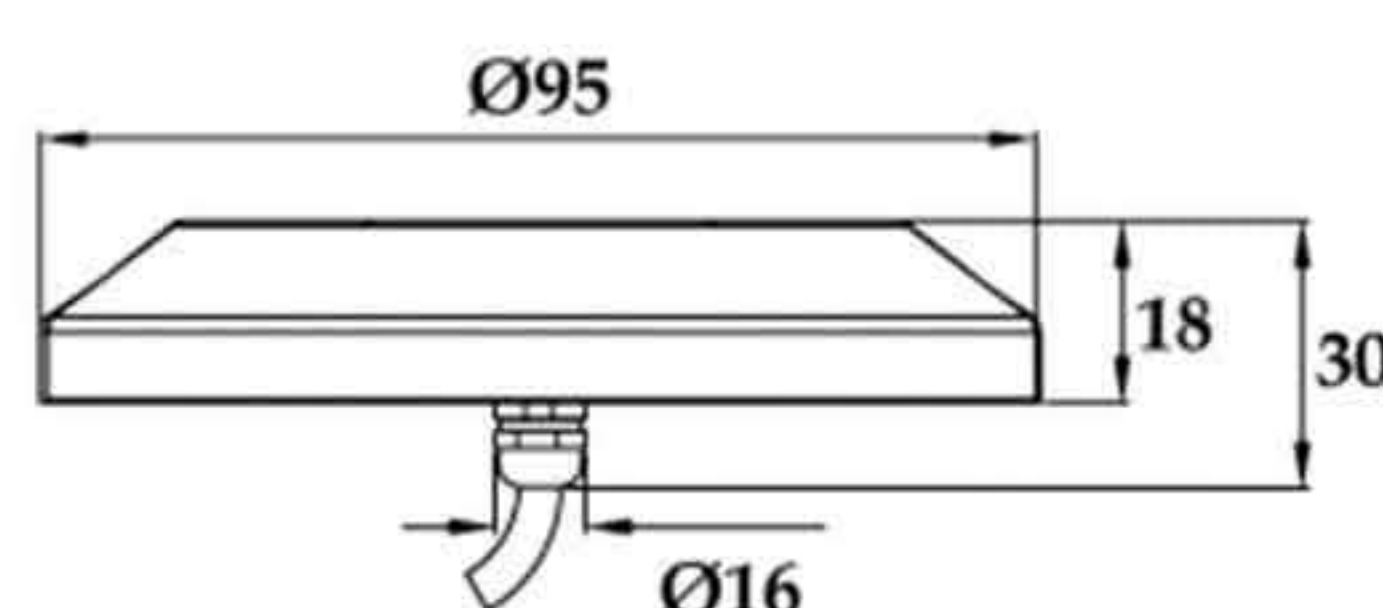
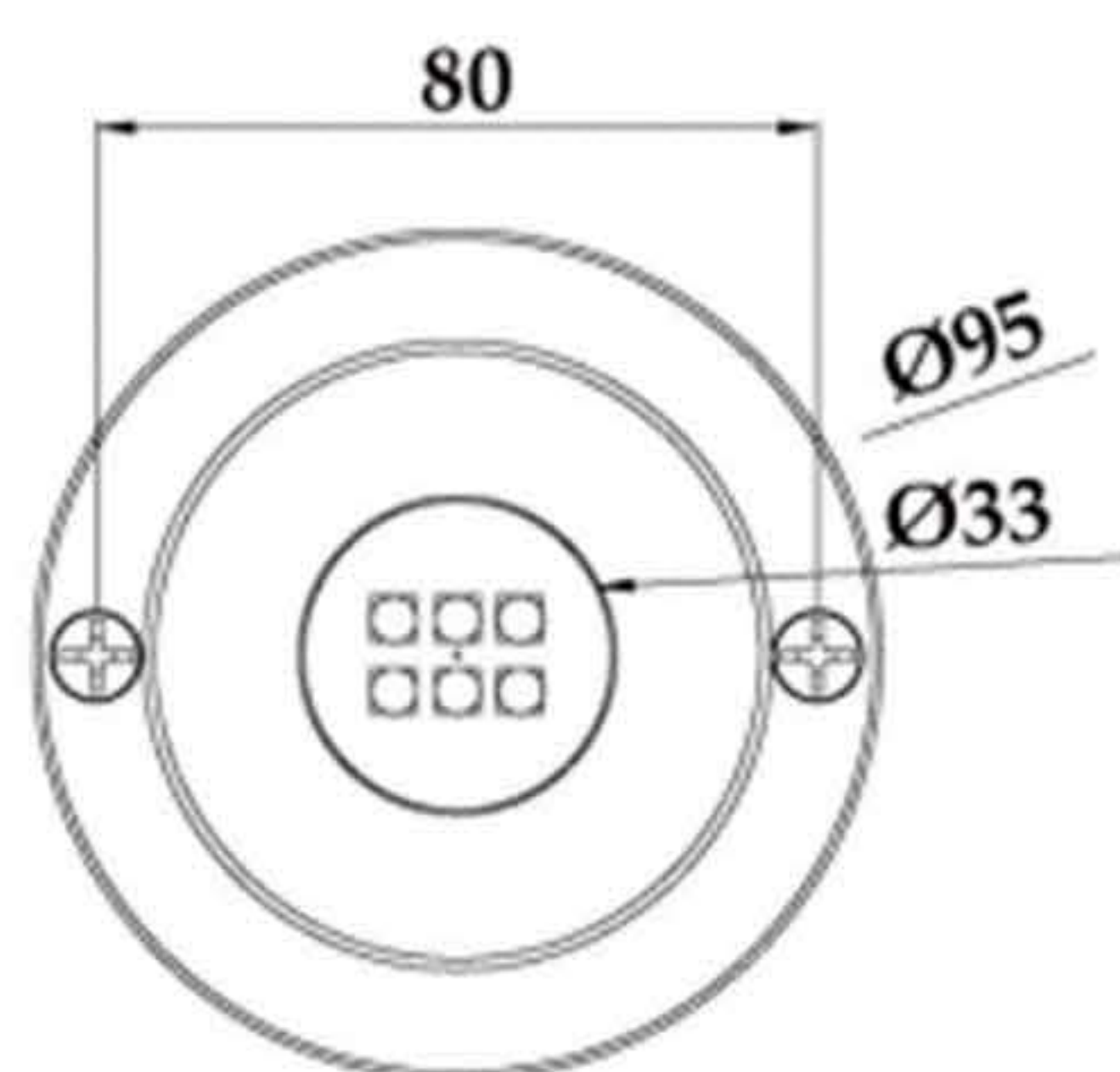
RGB Instruction

MODE	FUNCTION
1	BLUE
2	RED
3	GREEN
4	RB, purple
5	GB, cyan
6	RG, yellow
7	RGB, white
8	(RGB ↓) RG keep bright, B change to dim gradually 1.9S→(R ↓)G keep bright, R change to dim gradually 1.9S→(G ↓)G change to dim gradually 1.9S→(RG ↓) RB keep bright, G change to dim gradually 1.9S→(RB ↓)R keep bright, B change to dim gradually 1.9S→(R ↓)R change to dim gradually 1.9S→(R ↓GB)GB keep bright, R change to dim gradually 1.9S→(G ↓)B keep bright, G change to dim gradually 1.9S→(B ↓)B change to dim gradually 1.9S→Recycle
9	(R ↓ G ↑) R dimming and G brightening 1.9S→(G ↓ B ↑)G dimming and B brightening 1.9S→(R ↑ B ↓)R brightening and B dimming 1.9S→Recycle
10	R(60MS)→G(60MS)→B(60MS)→recycle 10 times→R(120MS)→G(120MS)→B(120MS)→recycle 5 times→R(180MS)→G(180MS)→B(180MS)→recycle 5 times→R(240MS)→G(240MS)→B(240MS)→recycle 5 times→recycle from the beginning to the end(clockwisely)
11	R(100MS)→B(100MS)→G(100MS)→recycle 5 times→R(160MS)→B(160MS)→G (160MS)→recycle 5 times→R(220MS)→B(220MS)→G(220MS)→recycle 5 times→R(280MS)→B(280MS)→G(280MS)→recycle 5 times→recycle from the beginning to the end(counter clockwisely)
12	(R ↑)change to brighten gradually 1.9S→(R ↓)change to dim gradually 1.9S→(G ↑)change to brighten gradually 1.9S→(G ↓)change to dim gradually 1.9S→(B ↑)change to brighten gradually 1.9S→(B ↓)change to dim gradually 1.9S→Recycle

Ultra-thin Resin Filled Wall-mount & Recessed LED Pool Light



WP8040



Product details For common pool, concrete pool & poop deck



Wire
VDE Certification



Body Material
Stainless steel
316



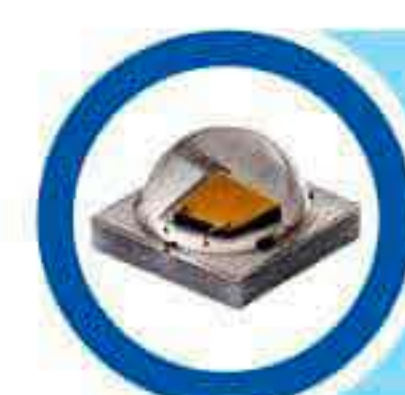
Lens Material
PC



Lifespan
≥50,000 Hours

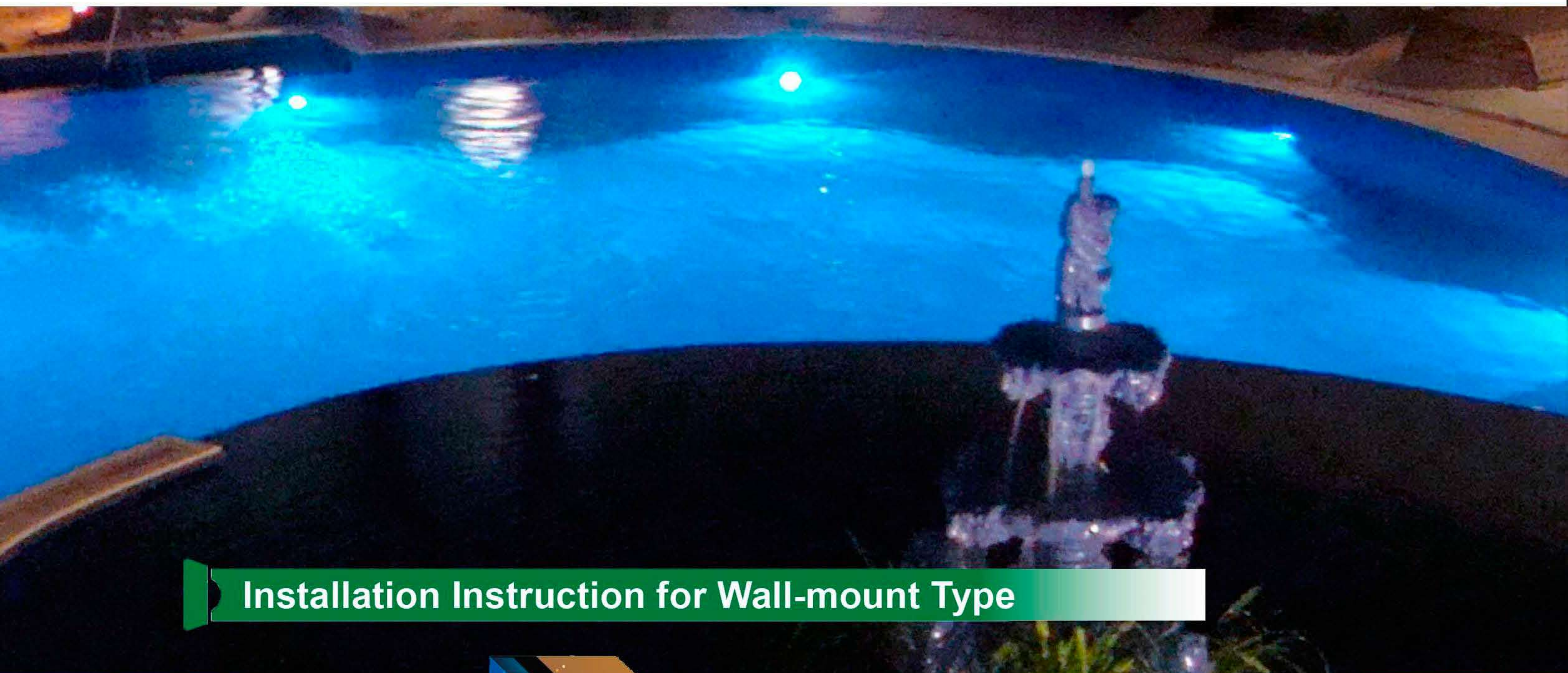


Working
Temperature
-20°C ~ 40°C

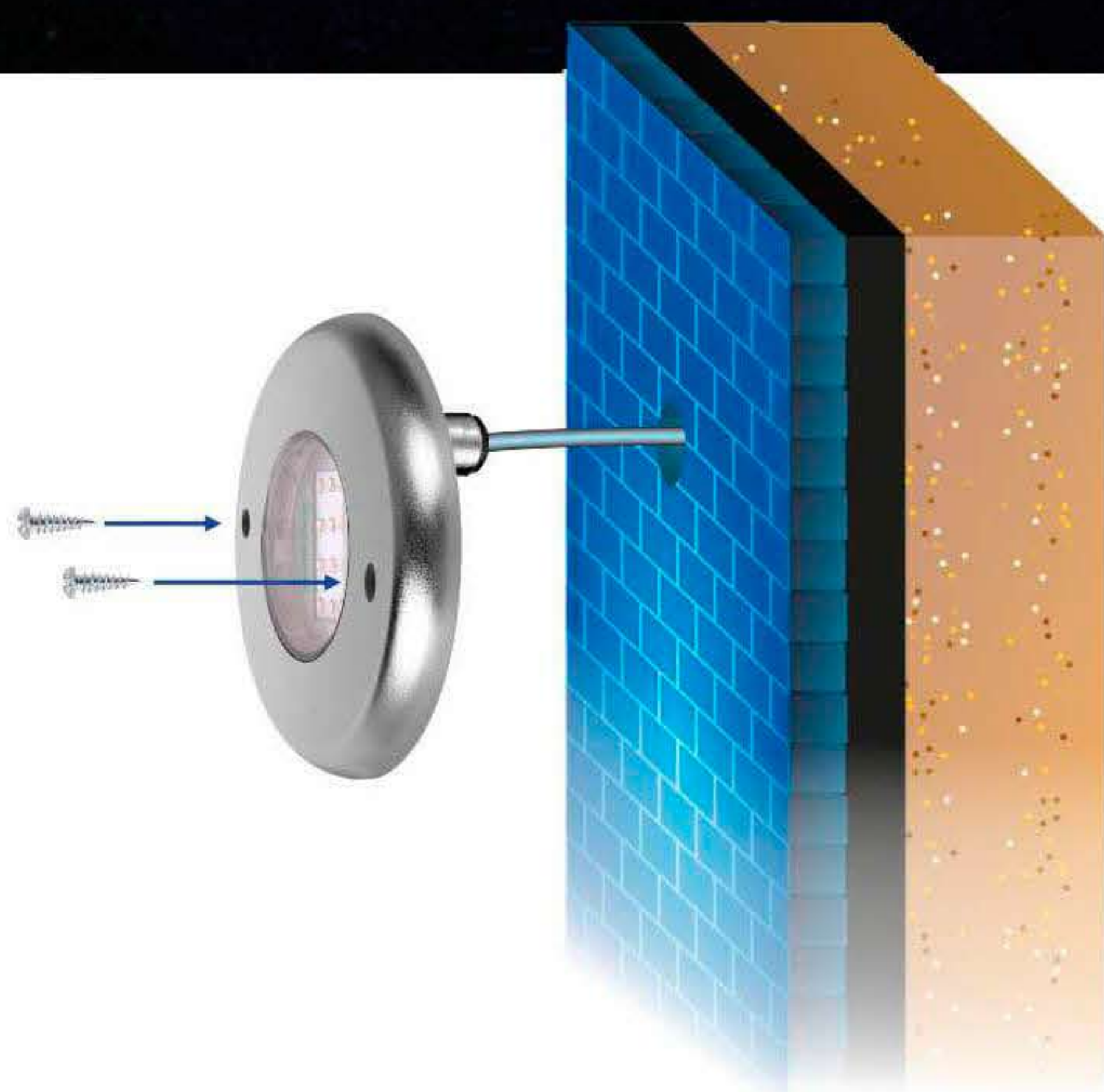


Light Source
CREE

Model	LED Brand	Power Options	Control Options	Voltage	Beam Angle
WP8040	CREE	10W	Single Color	12V/24V DC	120°
		18W	RGB(4 Wires)		
		35W	Single Color		



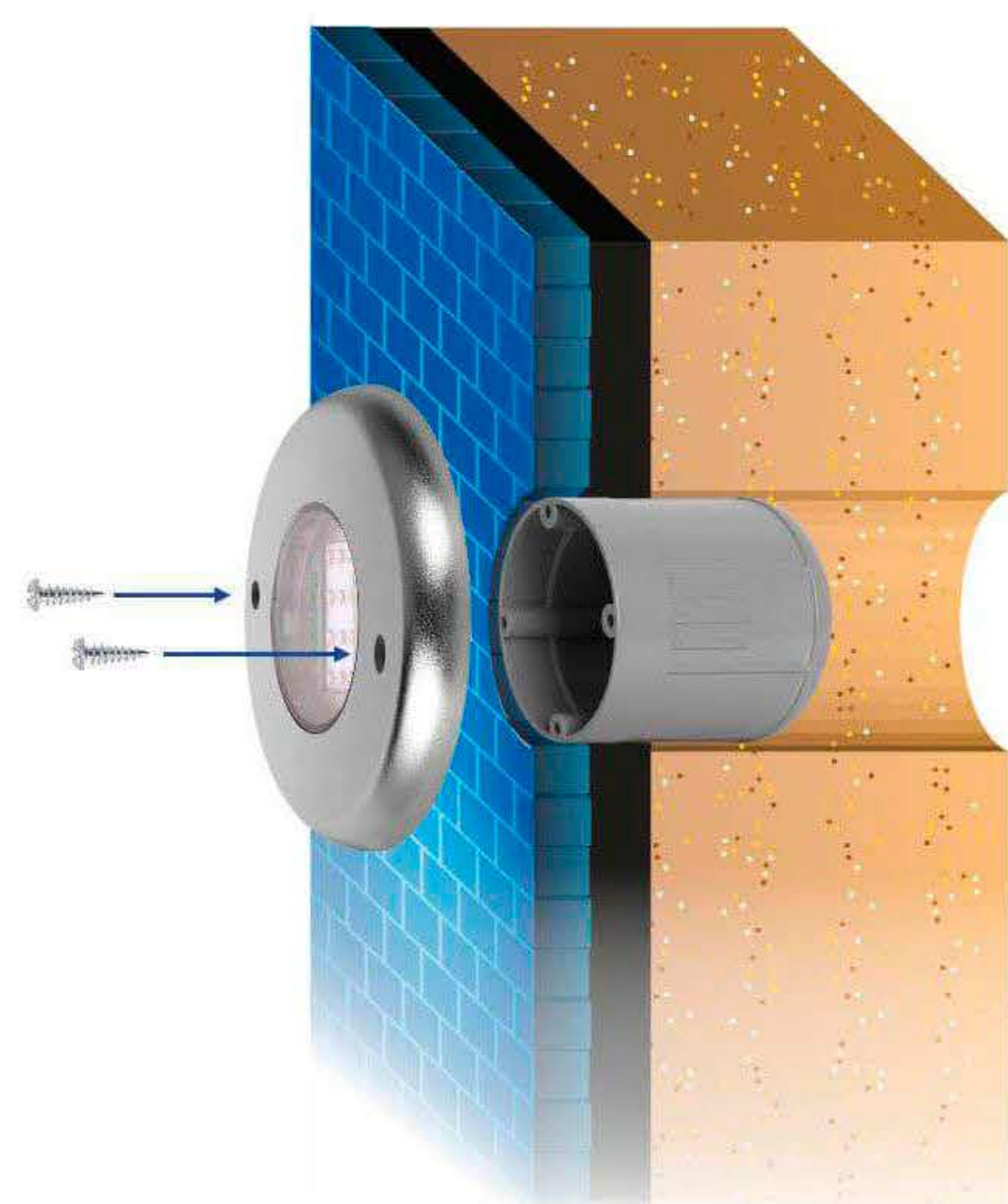
Installation Instruction for Wall-mount Type



Installation Steps

1. Ensure that the surface of the swimming pool wall is flat before installation.
2. Select the appropriate installation location.
3. A threading hole should be reserved in the pool wall, and the wire of the pool light is passed through the hole and connected to the circuit of the transformer or the junction box.
4. Align the screw holes on the cover with the screw holes on the wall. Tighten the fixture with the stainless steel screws accompanied with the light.

Installation Instruction for Recessed Type



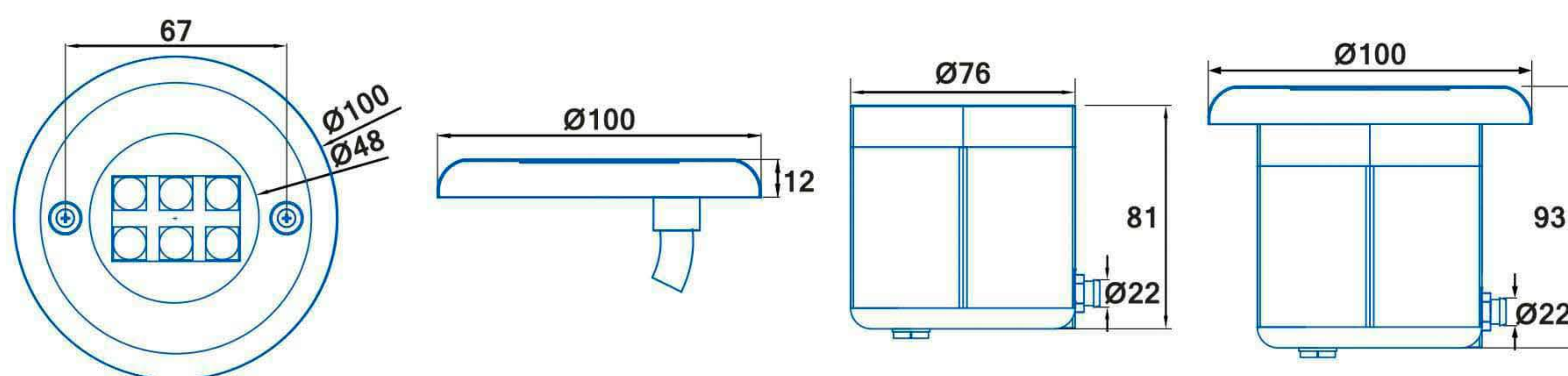
Installation Steps

1. Before installation, make sure there is enough space on the pool wall to accommodate the entire niche of pool light.
2. Insert the niche of the pool light into the pool wall. Then make the niche with the wall of the swimming pool at least on the same vertical direction. And the direction of the screw holes should be horizontal.
3. Align the screw holes on the cover with the screw holes of the niche and tighten them with stainless steel screws.

Ultra-thin Resin Filled Wall-mount & Recessed LED Pool Light



WP8050



Product details For common pool, concrete pool & poop deck



Wire
VDE Certification



Body Material
Stainless steel
316



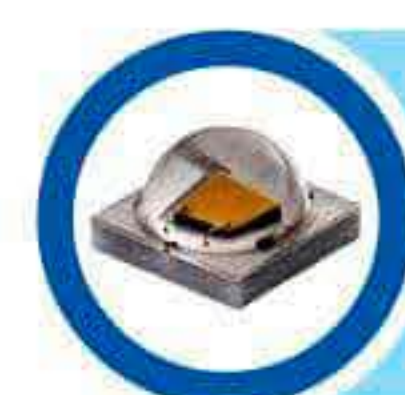
Lens Material
PC



Lifespan
≥50,000 Hours

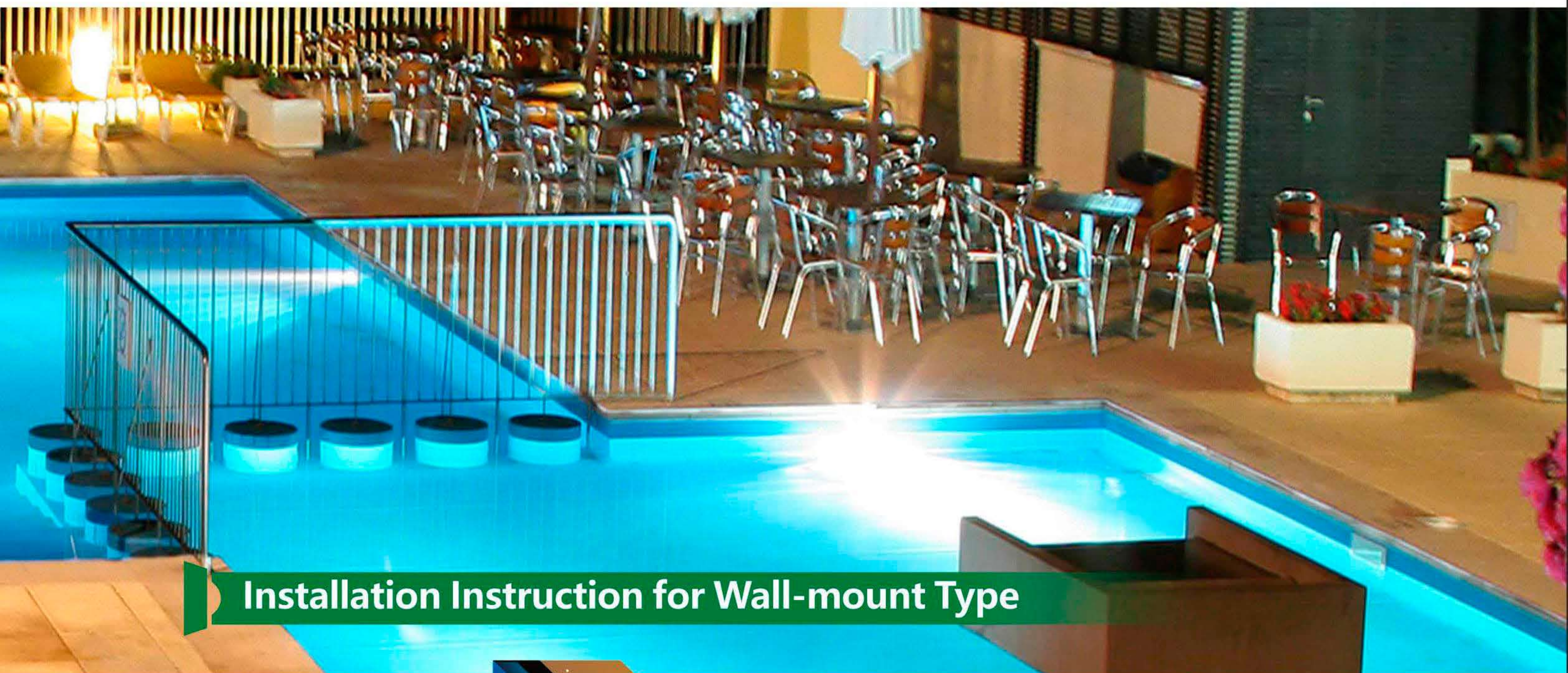


Working
Temperature
-20°C ~ 40°C

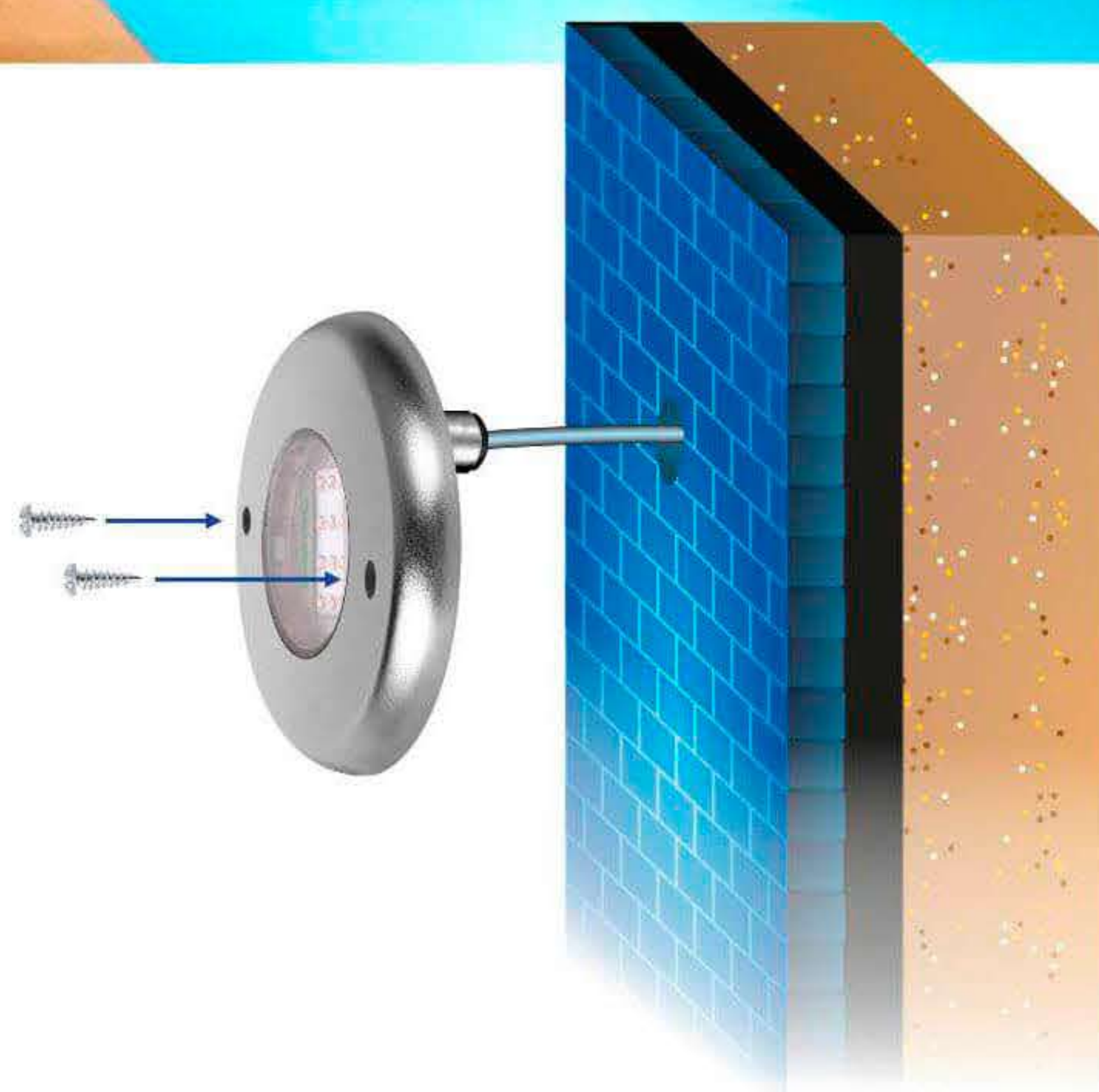


Light Source
CREE

Model	LED Brand	Power Options	Control Options	Voltage	Beam Angle
WP8050	CREE	10W	Single Color	12V/24V DC	120°
		18W	RGB(4 Wires)		
		35W	Single Color		



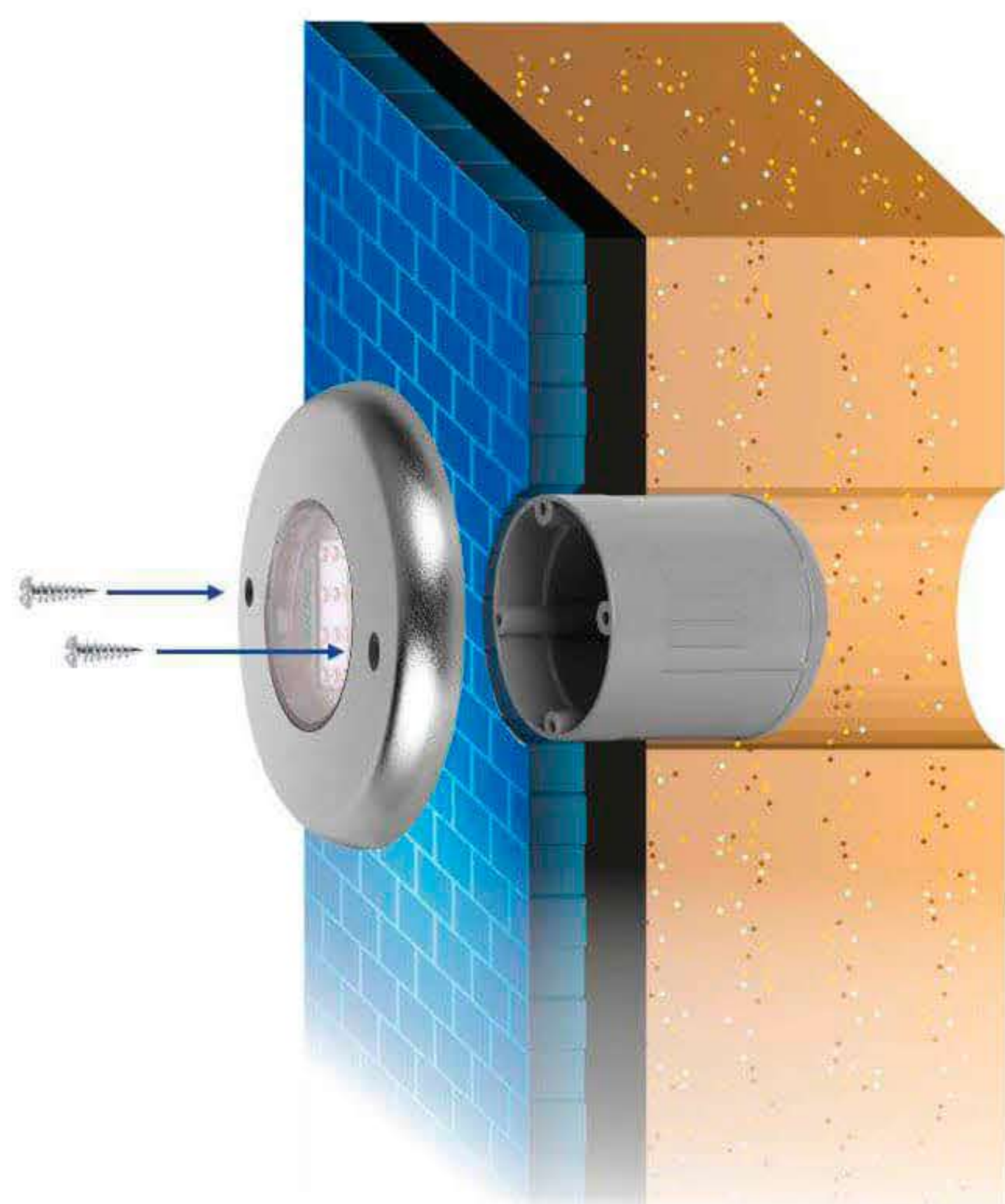
Installation Instruction for Wall-mount Type



Installation Steps

1. Ensure that the surface of the swimming pool wall is flat before installation.
2. Select the appropriate installation location.
3. A threading hole should be reserved in the pool wall, and the wire of the pool light is passed through the hole and connected to the circuit of the transformer or the junction box.
4. Align the screw holes on the cover with the screw holes on the wall. Tighten the fixture with the stainless steel screws accompanied with the light.

Installation Instruction for Recessed Type



Installation Steps

1. Before installation, make sure there is enough space on the pool wall to accommodate the entire niche of pool light.
2. Insert the niche of the pool light into the pool wall. Then make the niche with the wall of the swimming pool at least on the same vertical direction. And the direction of the screw holes should be horizontal.
3. Align the screw holes on the cover with the screw holes of the niche and tighten them with stainless steel screws.

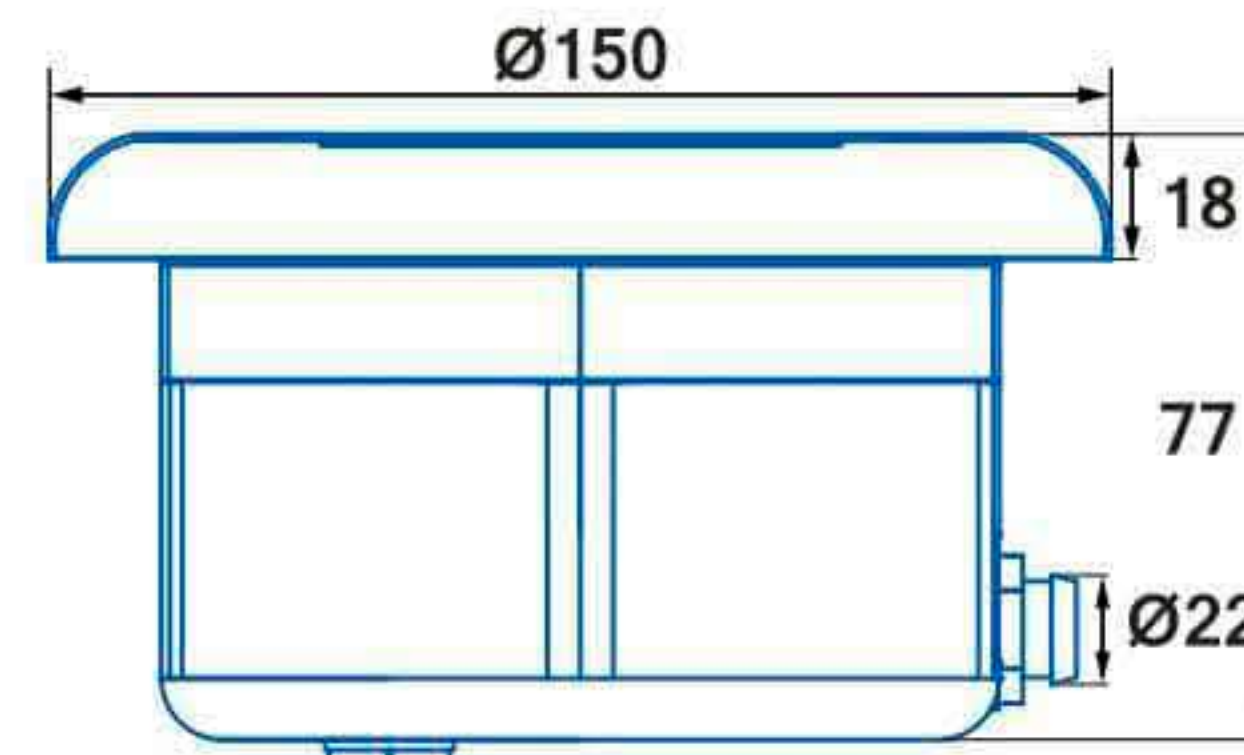
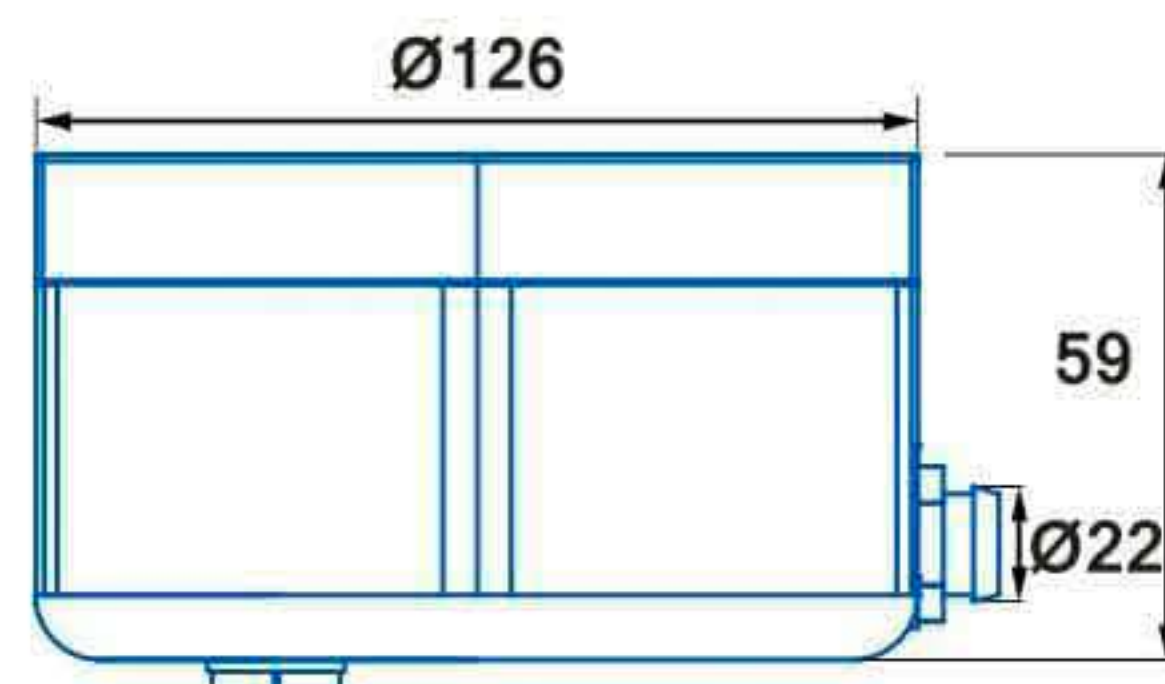
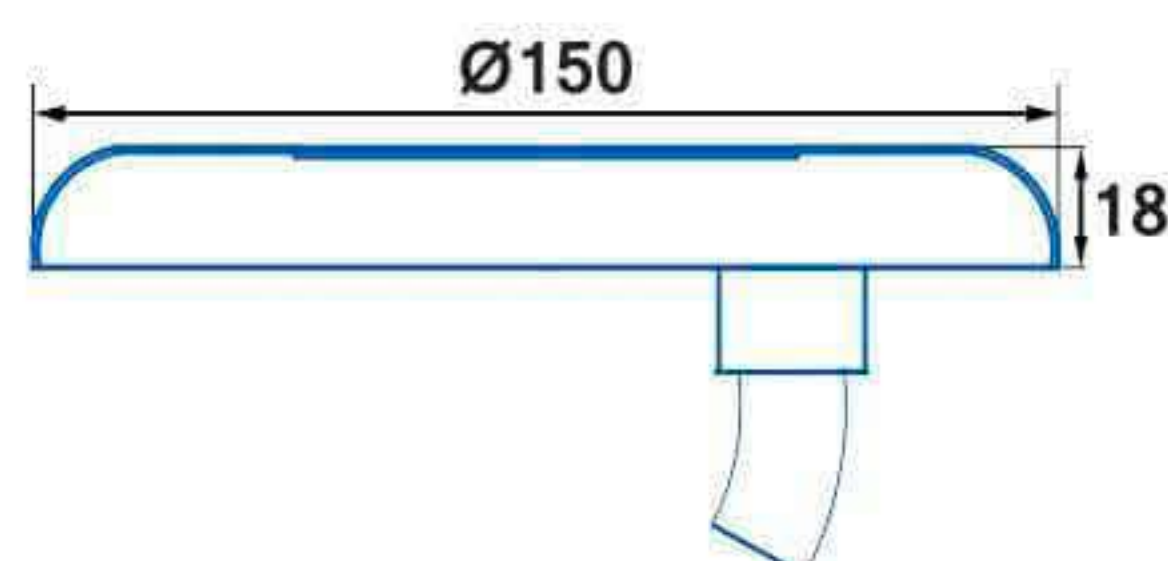
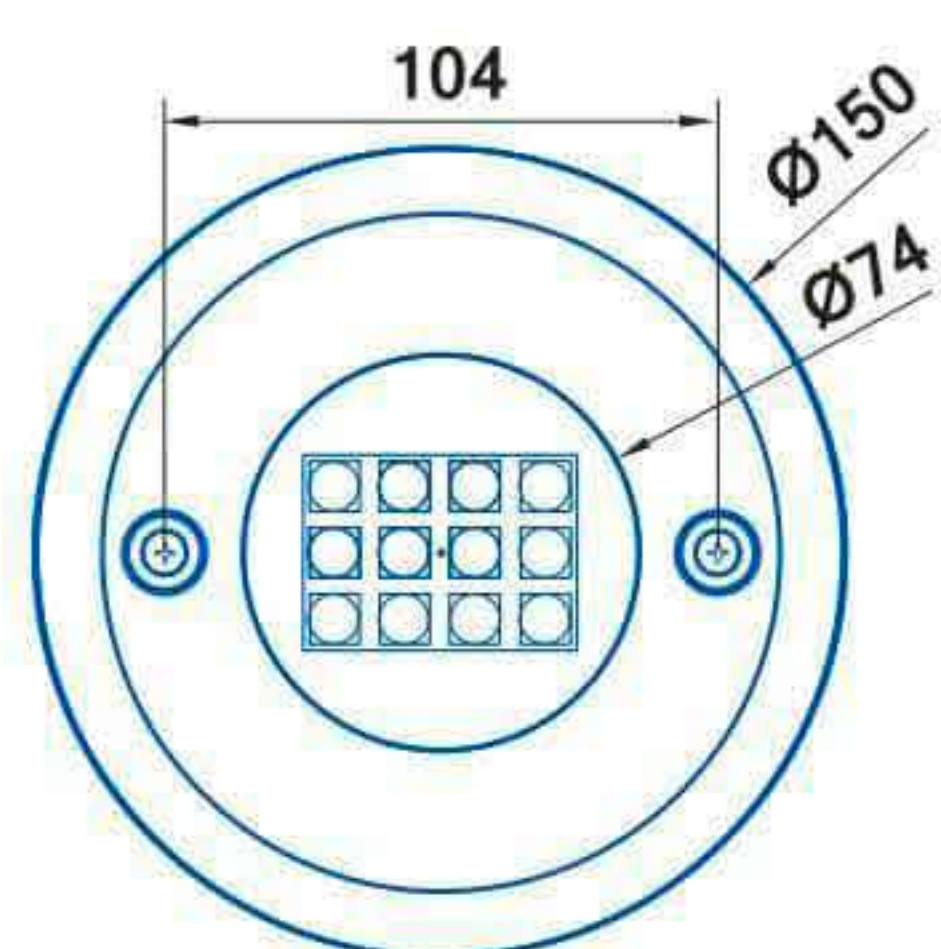
Ultra-thin Resin Filled Wall-mount & Recessed LED Pool Light



WP8051



WP8051L



Product details For common pool, concrete pool & pool deck



Wire
VDE Certification



Body Material
Stainless steel
316



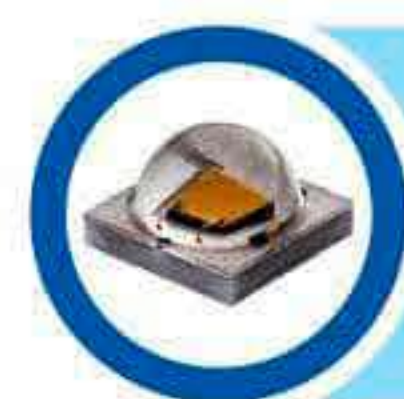
Lens Material
PC



Lifespan
≥50,000 Hours



Working
Temperature
-20°C ~ 40°C

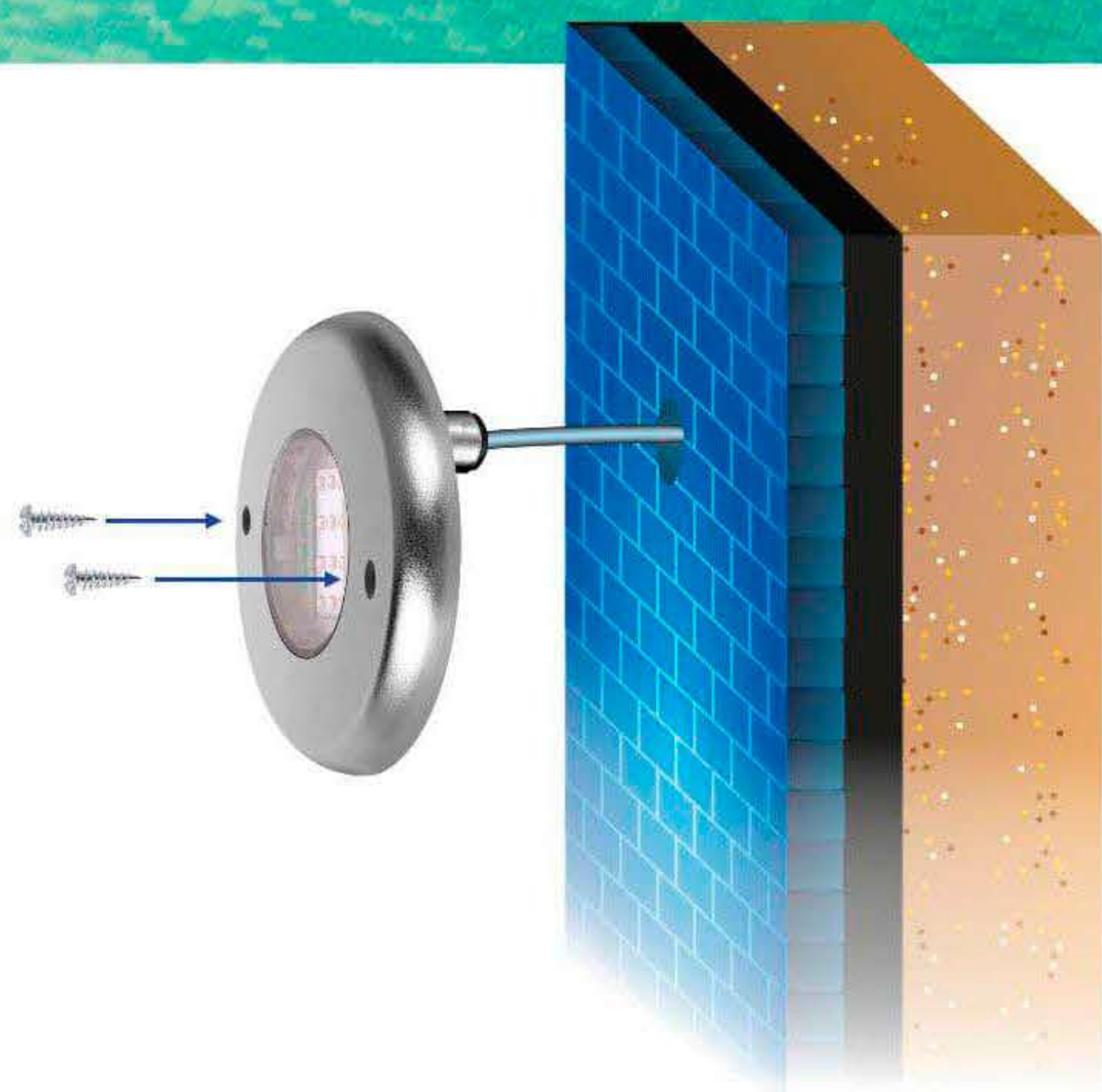


Light Source
CREE

Model	LED Brand	Power Options	Control Options	Voltage	Beam Angle
WP8051	CREE	12W 18W 25W	Single Color	12V/24V AC/DC	120°
			RGB	12V/24V AC	
			RGB(4 Wires)	12V/24V DC	
		35W / 50W 18W(RGBW)	Single Color	12V/24V AC/DC	
			RGB(5 Wires)	12V/24V DC	
WP8051L	CREE	18W 25W	Single Color	12V/24V AC/DC	15°
			RGB	12V/24V AC	30°
			RGB(4 Wires)	12V/24V DC	45°
					60°



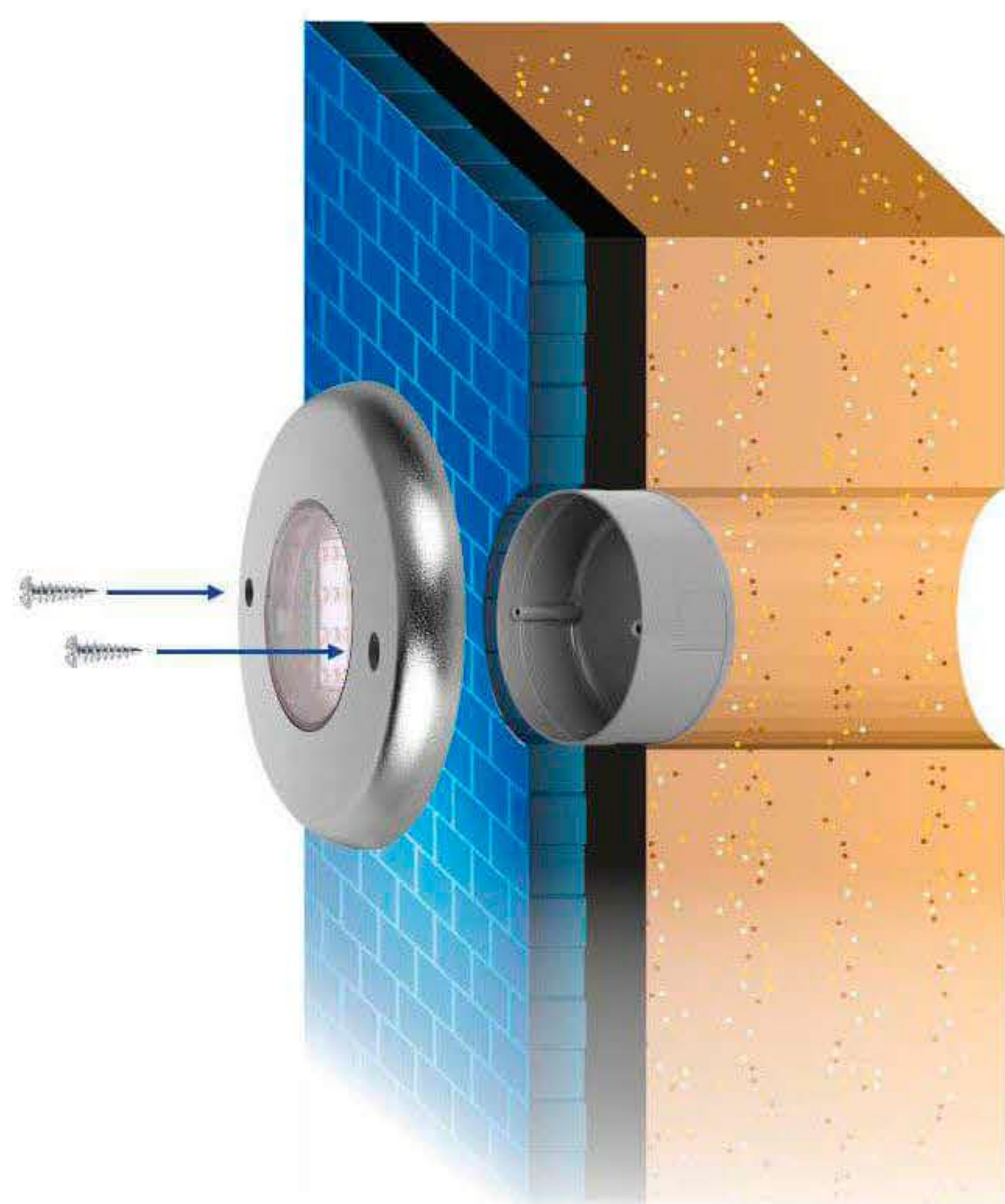
Installation Instruction for Wall-mount Type



Installation Steps

1. Ensure that the surface of the swimming pool wall is flat before installation.
2. Select the appropriate installation location.
3. A threading hole should be reserved in the pool wall, and the wire of the pool light is passed through the hole and connected to the circuit of the transformer or the junction box.
4. Align the screw holes on the cover with the screw holes on the wall. Tighten the fixture with the stainless steel screws accompanied with the light.

Installation Instruction for Recessed Type



Installation Steps

1. Before installation, make sure there is enough space on the pool wall to accommodate the entire niche of pool light.
2. Insert the niche of the pool light into the pool wall. Then make the niche with the wall of the swimming pool at least on the same vertical direction. And the direction of the screw holes should be horizontal.
3. Align the screw holes on the cover with the screw holes of the niche and tighten them with stainless steel screws.

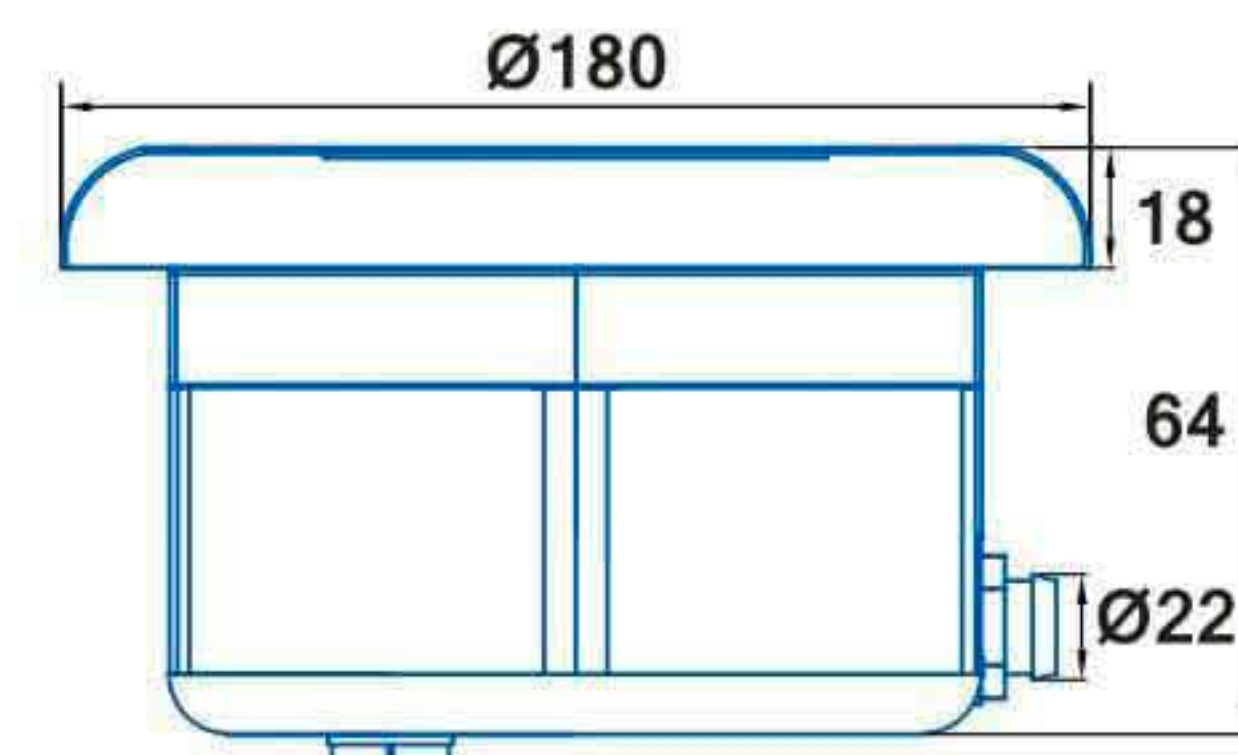
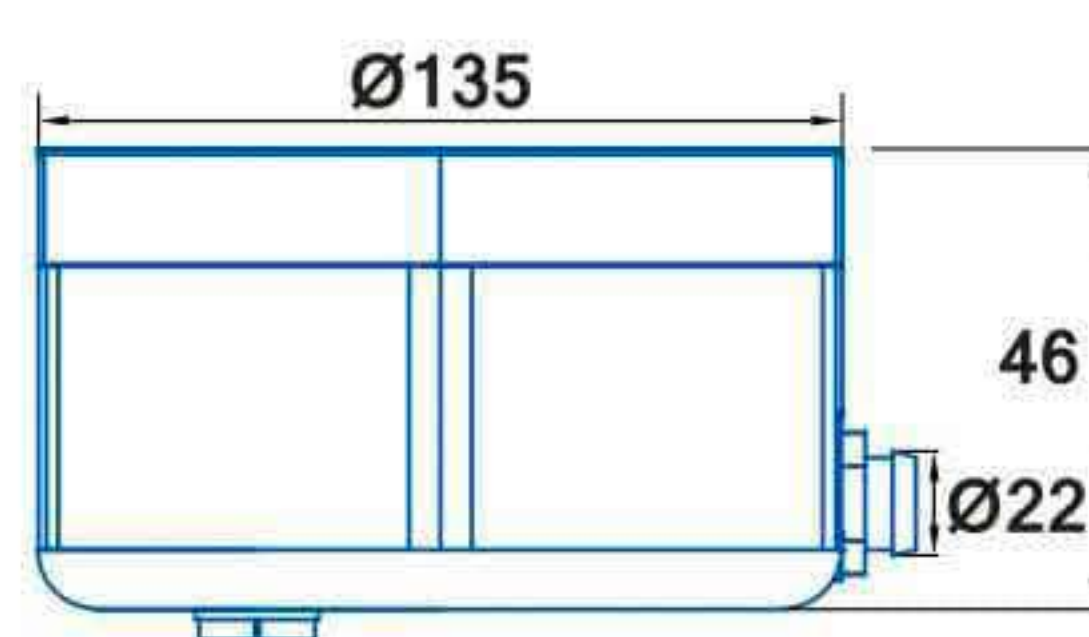
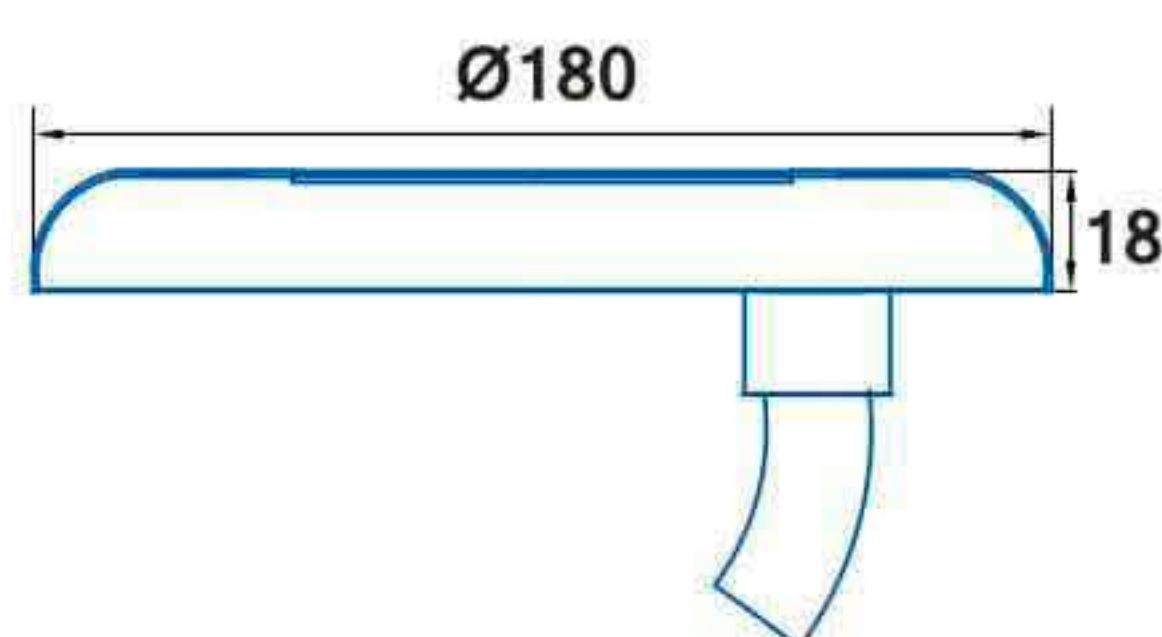
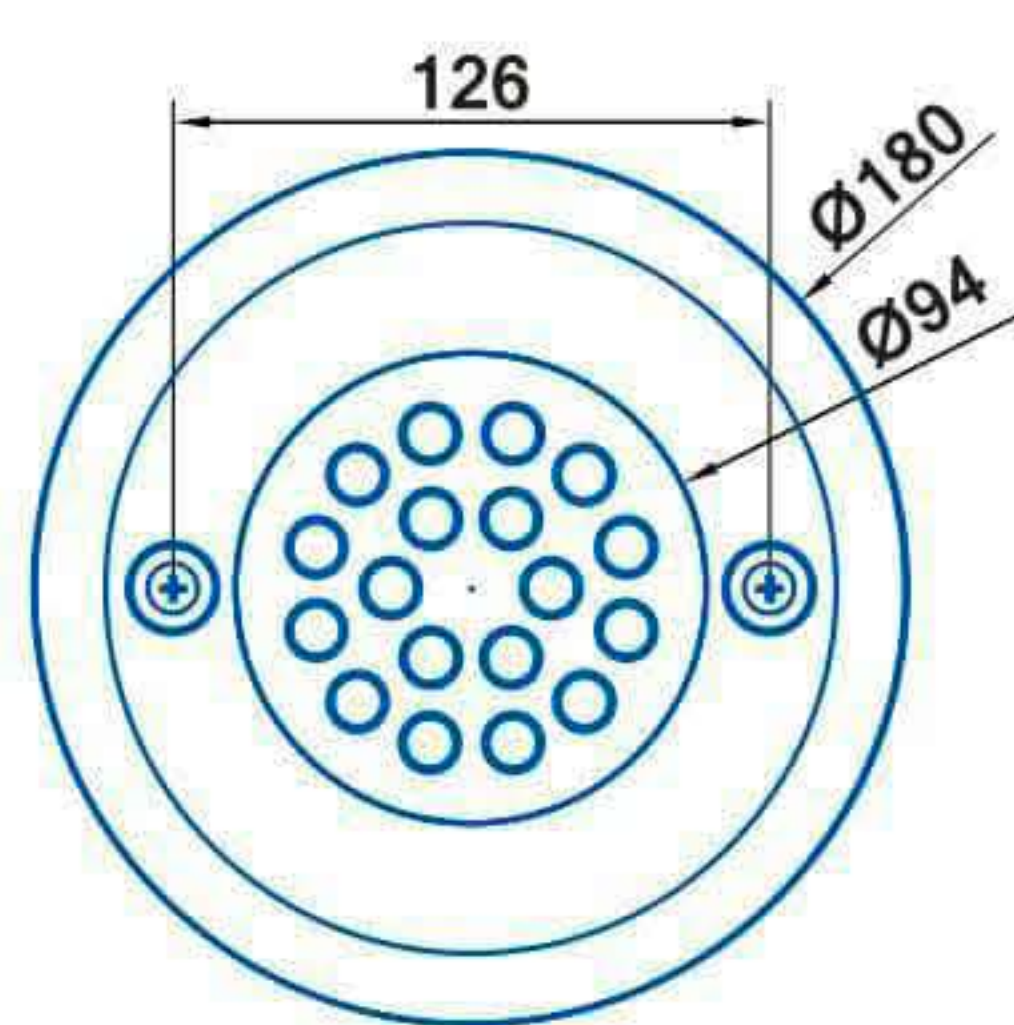
Ultra-thin Resin Filled Wall-mount & Recessed LED Pool Light



WP8052



WP8052L



Product details For common pool, concrete pool & pool deck



Wire
VDE Certification



Body Material
Stainless steel
316



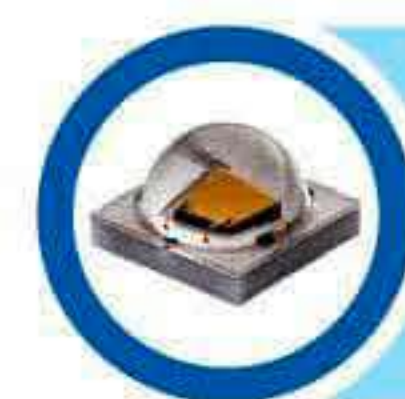
Lens Material
PC



Lifespan
≥50,000 Hours



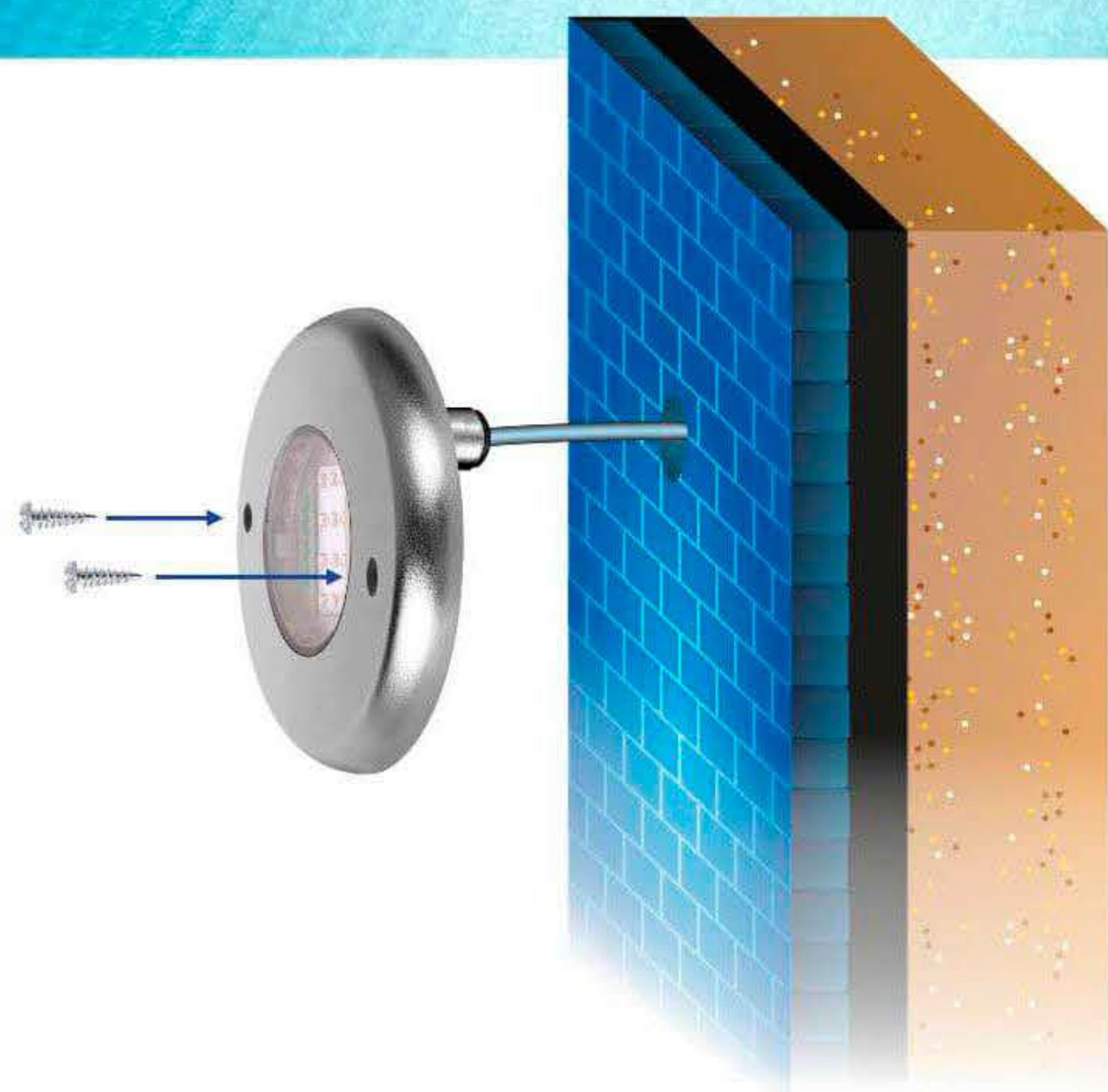
Working
Temperature
-20°C ~ 40°C



Light Source
CREE

Model	LED Brand	Power Options	Control Options	Voltage	Beam Angle
WP8052	CREE	18W 25W 35W	Single Color	12V/24V AC/DC	120°
			RGB	12V/24V AC	
			RGB(4 Wires)	12V/24V DC	
		60W 25W(RGBW)	Single Color	12V/24V AC/DC	
			RGB(5 Wires)	12V/24V DC	
WP8052L	CREE	18W 35W	Single Color	12V/24V AC/DC	15°
			RGB	12V/24V AC	30°
			RGB(4 Wires)	12V/24V DC	45°
					60°

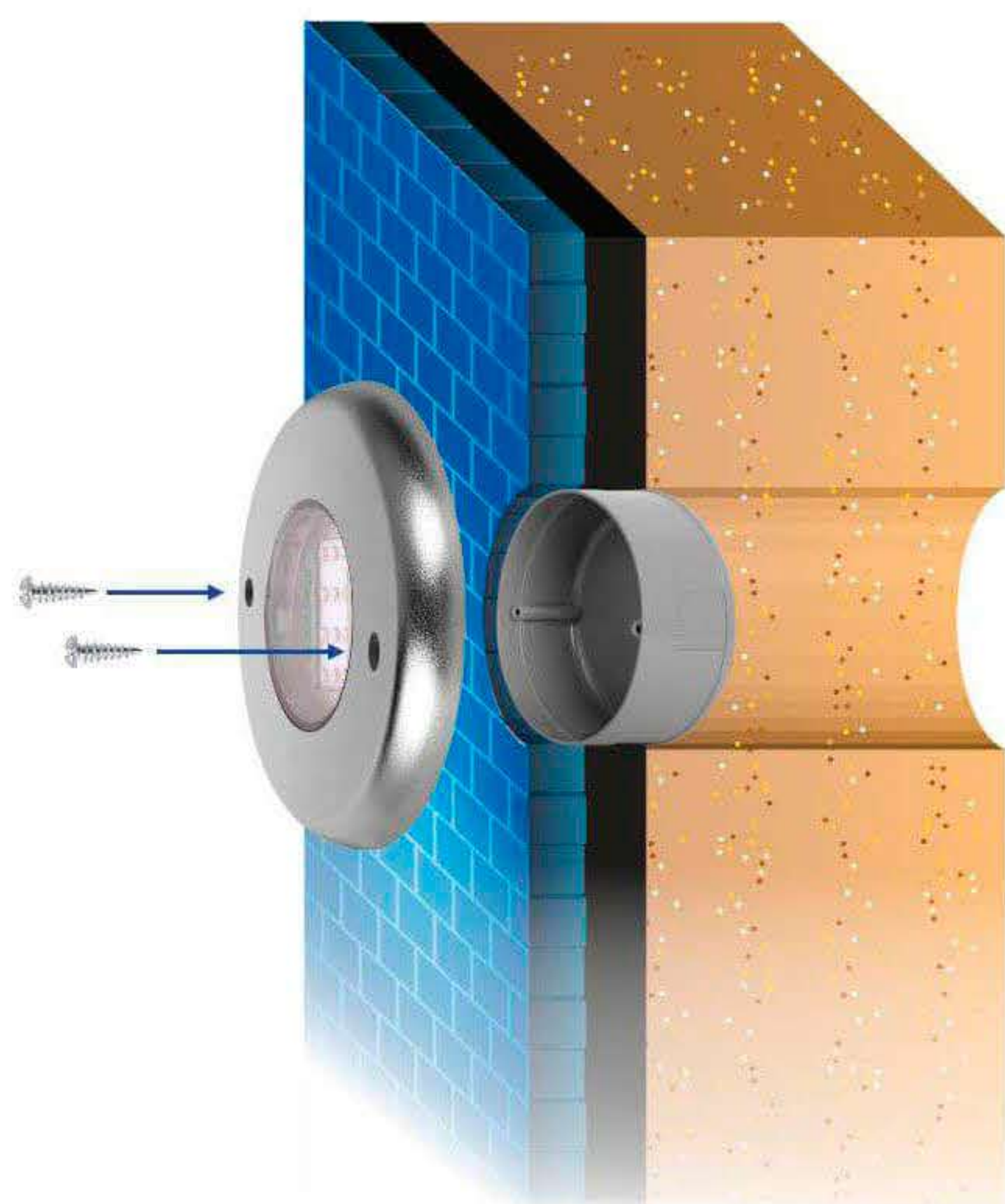
Installation Instruction for Wall-mount Type



Installation Steps

1. Ensure that the surface of the swimming pool wall is flat before installation.
2. Select the appropriate installation location.
3. A threading hole should be reserved in the pool wall, and the wire of the pool light is passed through the hole and connected to the circuit of the transformer or the junction box.
4. Align the screw holes on the cover with the screw holes on the wall. Tighten the fixture with the stainless steel screws accompanied with the light.

Installation Instruction for Recessed Type



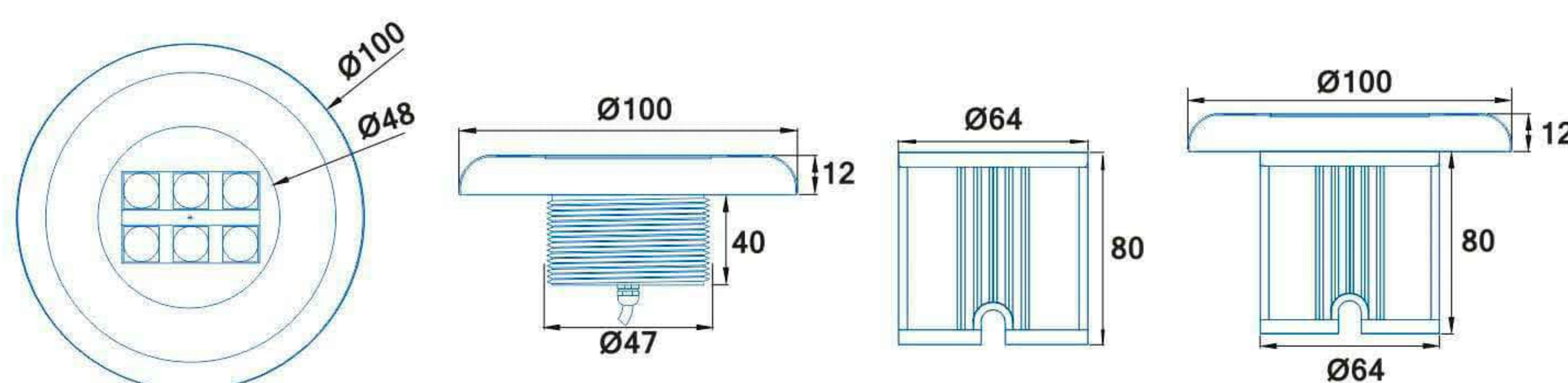
Installation Steps

1. Before installation, make sure there is enough space on the pool wall to accommodate the entire niche of pool light.
2. Insert the niche of the pool light into the pool wall. Then make the niche with the wall of the swimming pool at least on the same vertical direction. And the direction of the screw holes should be horizontal.
3. Align the screw holes on the cover with the screw holes of the niche and tighten them with stainless steel screws.

Recessed LED Pool Light



WP8060



Product details

For common pool, concrete pool, vinyl liner pool, stainless steel pool and fiberglass pool



Wire
VDE Certification



Body Material
Stainless steel
316



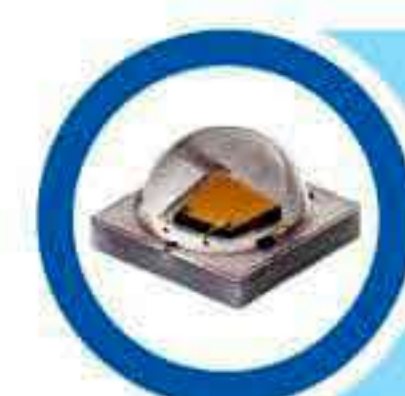
Lens Material
PC



Lifespan
≥50,000 Hours



Working
Temperature
-20°C ~ 40°C



Light Source
CREE

Model	LED Brand	Power Options	Control Options	Voltage	Beam Angle
WP8060	CREE	10W/18W	Single Color RGB(4 Wires)	12V/24V DC	120°
		35W	Single Color		

Installation Instruction for Vinyl Liner Pool



Installation Steps

1. Before installing, make sure that the niche with size of diameter of 50mm is prepared in the wall or vinyl liner.
2. Put the transparent vinyl spacer and white waterproof spacer on the niche. Lead the waterproof wire and lamp body through the spacers and niche till the face plate of lamp attaches to vinyl liner or wall.
3. On the back of vinyl liner or wall, sleeve the other transparent vinyl spacer onto the lamp body and fasten it with clamp nut till it attaches to vinyl liner or wall.

Installation Instruction for Concrete Pool



Installation Steps

1. Before installation, make sure there is enough space on the pool wall to accommodate the entire niche of pool light.
2. Insert the rubber ring, which is accompanying with the lamp, from the tail of the lamp body to ensure that the rubber ring is completely embedded in the groove of the lamp body.
3. Lead the wires of the lamp into the niche of the pool wall and connect to the transformer or junction box.
4. Insert the lamp body with the rubber ring into the pre-embedded tube, and use the rubber ring on the lamp body to firmly fix the whole lamp body to the pipe until the face plate attaches to the pool wall.

Recessed LED Pool Light

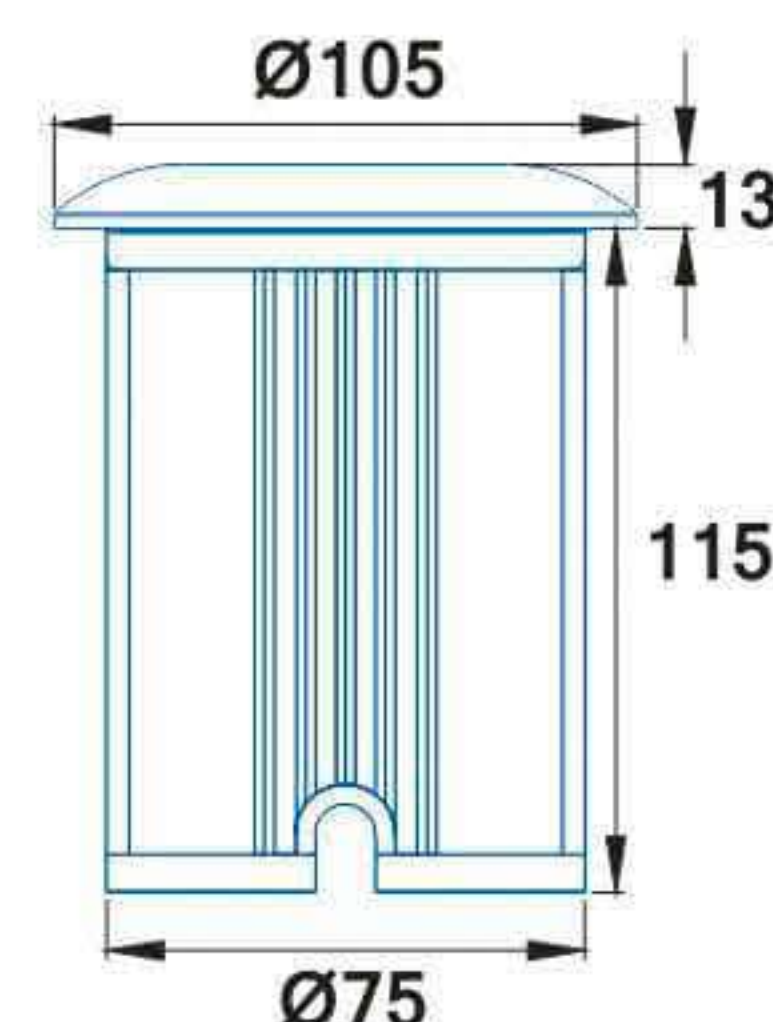
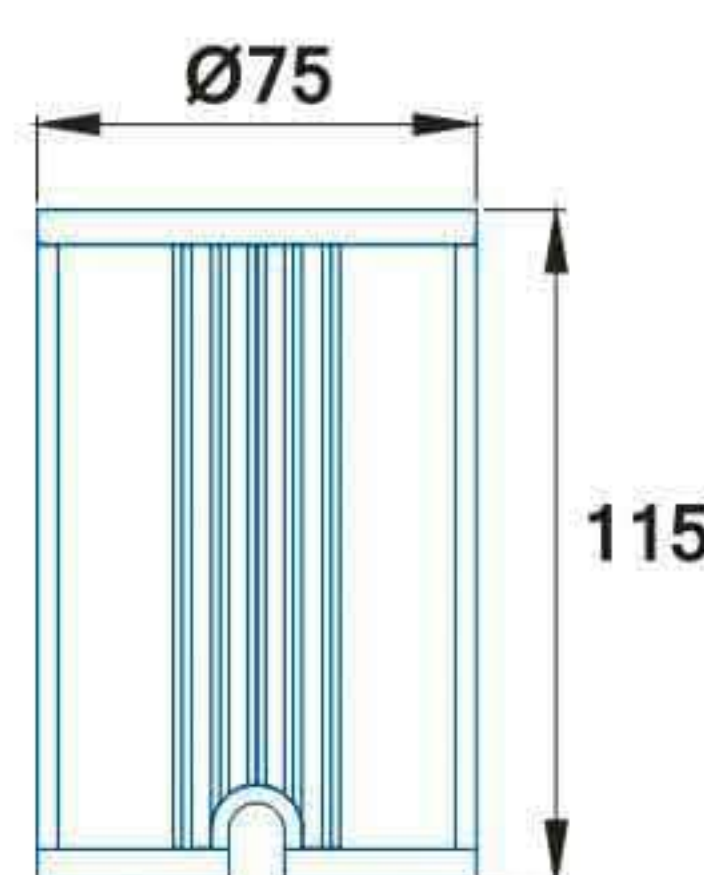
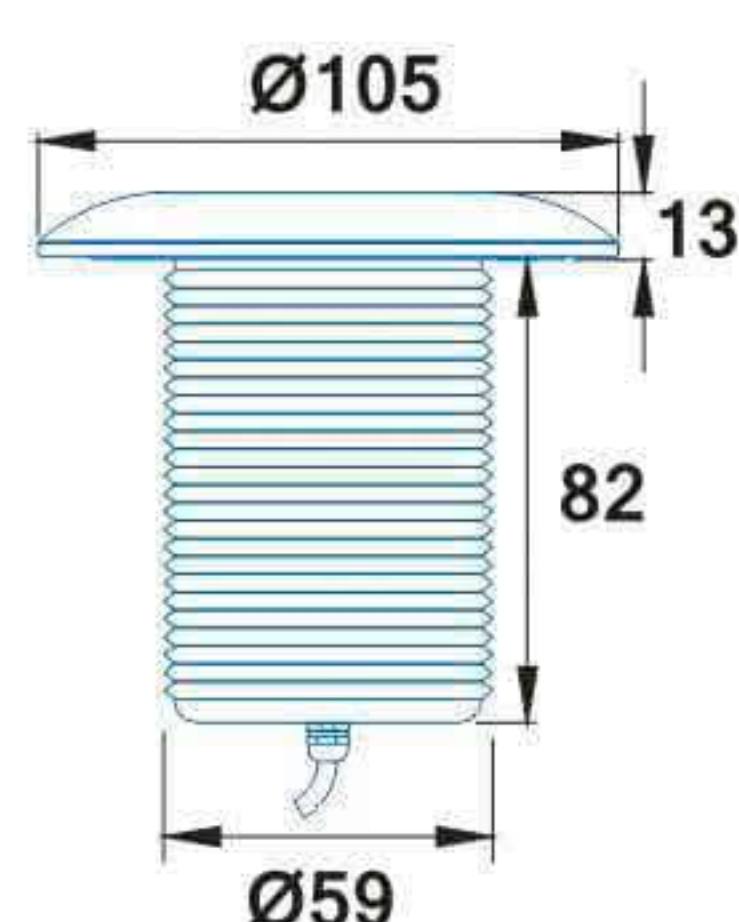
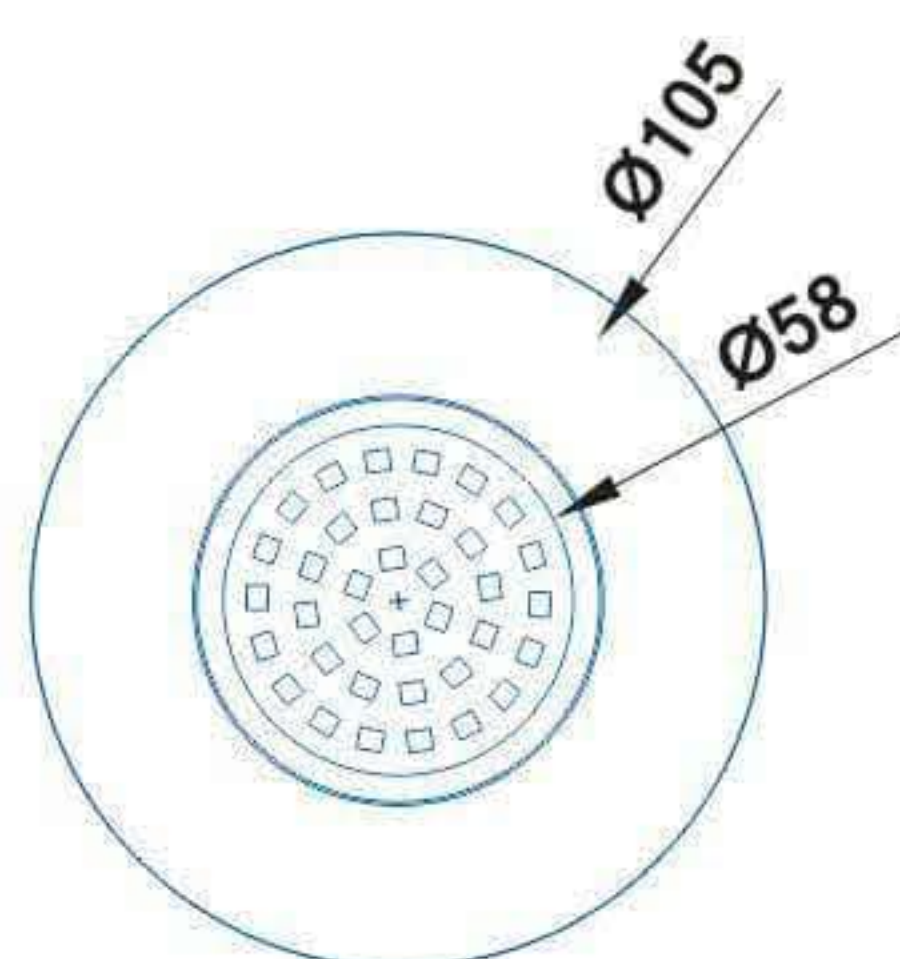
Models are divided into C/H according to different types of light source



WP6032H



WP6032C



Product details

For common pool, concrete pool, vinyl liner pool and stainless steel pool



Wire
VDE Certification



Body Material
Stainless steel
316



Lens Material
8 mm thickness
tempered glass



Lifespan
≥50,000 Hours



Working
Temperature
-20°C ~ 45°C



Light Source
CREE



Light Source
COB

Model	LED Brand	Power Options	Control Options	Voltage	Beam Angle	Light Description
WP6032C	COB LED (EPISTAR)	10W	Single Color	12V/24V AC/DC	120°	Wide illumination area soft light
WP6032H	CREE	6W	Single Color	12V/24V AC/DC	15° 30° 45° 60°	Long irradiation distance Concentration effect
			RGB	12V/24V AC		
		6W (RGBW)	RGB(4 Wires)	12V/24V DC		
			RGBW(5 Wires)	12V/24V DC		



Installation Instruction for Vinyl Liner Pool



Installation Steps

1. Before installation, make sure that the niche with size of diameter of 63mm is prepared in the wall or vinyl liner.
2. Put the transparent vinyl spacer and white waterproof spacer on the niche. Lead the waterproof wire and lamp body through the spacers and niche till the face plate of lamp attaches to vinyl liner or wall.
3. On the back of vinyl liner or wall, sleeve the other transparent vinyl spacer onto the lamp body and fasten it with clamp nut till it attaches to vinyl liner or wall.

Installation Instruction for Concrete Pool



Installation Steps

1. Before installation, make sure that the niche with size of diameter of 63mm is prepared in the wall to contain the body of lamp.
2. Screw the white confinement from end of lamp body onto it completely.
3. Lead the waterproof wire into the niche in the wall and connect it to transformer or junction box.
4. Embed the lamp body with white confinement into the niche. Use the white confinement to fix firmly the lamp body onto the niche till the face plate of lamp attaches to the wall.



Warmpool S.L.

Calle Monte, 2, 03186 Torrevieja, Alicante, España
Tel: +34 644 19 91 15 | +34 629 82 66 48 | +34 865 75 49 06
E-mail: info@warmpool.eu | www.warmpool.eu