



MAXILLUM

SWIMMING POOL LIGHTS

WUXI MAXILLUM SCIEN-TECH LIGHTING CO., LTD.

无锡市玛可珑照明科技有限公司

Add: No.9, Xiang'an Road, Anzhen Town, Xishan District, Wuxi 214112, Jiangsu, China

Tel: 0086-510-88558931 Fax: 0086-510-88559780

Web: www.maxillum.com Mail: info@maxillum.com

2022-2023

14th
Years
of
Excellence



Company Profile

Since Maxillum factory established in 2008, We have got the reliable & strong ability of manufacture & innovation for the high level swimming pool lights, which is based on **14 years** continually working experience.

Thanks to such long years working experience, we grasped the abundant technology of pool lighting, such as high level waterproof, security of lamp body, working heat transmitting, multipurpose installation, more colorful performance, freely and easily controlling system, Wi-Fi synchronized connecting the music and lighting. Based on such important professional knowledge, we enhanced romantic atmosphere into pool water, make people absolutely love and enjoy more family life near their pool.

Even met many difficulties on the business way till today, Covid-19 pandemic and global big wave of economic, however, we earnestly gated the quality level all along with our craftsman carefulness, for each unit of products before its leaving our Maxillum factory.

Thanks to all of our customers continually believing and supporting us in the past long 14 years, we are able to enter into **more than 42 markets**, such as Spain, France, Germany, Sweden, Italy, USA, Chile, Mexico, Saudi Arabic, UAE, Morocco, etc.

Meanwhile, our team keep the high level of focus and professionalism all along, and make our customers satisfied through our service.

Once our Maxillum pool lights becoming a part of your wonderful life, you will surely realize that our eternal spirit of seeking the perfection of each light, just be same as your pursuit for exquisitely life.



**PROFESSIONAL
SWIMMING POOL LIGHTS
MANUFACTURER**

Maxillum Products Innovation and Characteristics

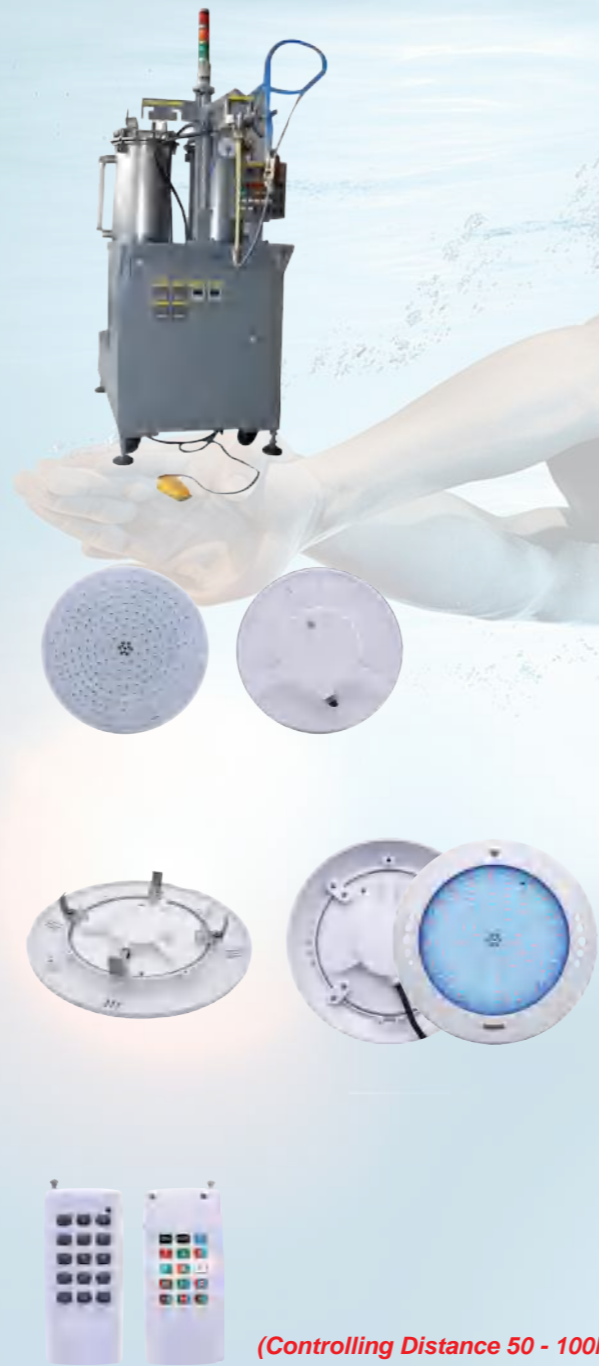
1) With reliable glue filling equipment, the precise percentage as controlled, and the unique design of the lamp panel structure is filled with high-glass transparent epoxy resin. This process completely solves the problems of water leakage of lamps. It has substantially improved the heat dissipation capability of the lamps, the working heat of LED circuit board has not been accumulated, and they are transmitted into the water as the same working time.

2) The special glue formula makes the lamp body completely transparent, and the underwater work performance is more perfect. Adding anti-oxidation and anti-UV formula make the epoxy lighting panel works brightly and stably with long life.

3) The smart structure of our epoxy lighting panel has rather reduced its overall size. Together with the more workable design for the mounting accessories, it is easy to install in the Niche pool, wall mounted pool, fiberglass pool and liner pool.

4) With the three core technology, signal cord extension technology, superhet remote controller technology, and switch box technology, the performance of our lamps working underwater can be controlled by the user simply and freely, and the multi-lamps synchroni-

5) Wi-Fi control system, Support Android & IOS system, remote control LED lights by App (Magic Home) at anywhere, Support timing function. set schedule to switch on/off lights. Lighting color change with the rhythm of music in your smart device. Work with Google Assistant, Amazon Alexa, control your lights by voice.



(Controlling Distance 50 - 100M)

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Swimming Pool Light Control Systems

1. RGB ON/OFF Control , by Switch OFF & Switch ON

15 Color Programs

- ① Fixed Blue
- ② Fixed Red
- ③ Fixed Green
- ④ Fixed Red/Blue
- ⑤ Fixed Blue/Green
- ⑥ Fixed Red/Green
- ⑦ Fixed White
- ⑧ Cycle Red-Red/Green-Green
- ⑨ Cycle Green-Green/Blue-Blue
- ⑩ Cycle Red-Red/Blue-Blue
- ⑪ Cycle Red-Green-Blue,Speed from fast to low.
- ⑫ Same as program 11, the speed is slower.
- ⑬ Cycle Green-Red/Blue-Blue-Red-White-Blue/Green-Red/Green
- ⑭ Cycle gradual change of all colors.
- ⑮ Cycle gradual change of Red-Green-Blue.

Operation

Changing colors:

Turn the lamps OFF and quickly back ON (0-3 seconds)

Synchronizing multiple lamps:

1. All lamps need to be connected to the same transformer.
2. Turn the lamps OFF and back ON within 4-30 seconds.
3. All the lamps back to first program (fixed blue)

Memorizing the last color:

Select the desired color, turn OFF the lamps more than 34 seconds, the chosen color has now been memorized.

2. RGB ON/OFF Control Box , with a remote controller

15 Color Programs, same as last page2



Code : CB006

Size : 150*105*70mm

6 connect terminals ,max 120W.



Remote controller



Code : CB008

Size : 185*175*110mm

8 connect terminals ,max 300W.



Code : CB004-1000W

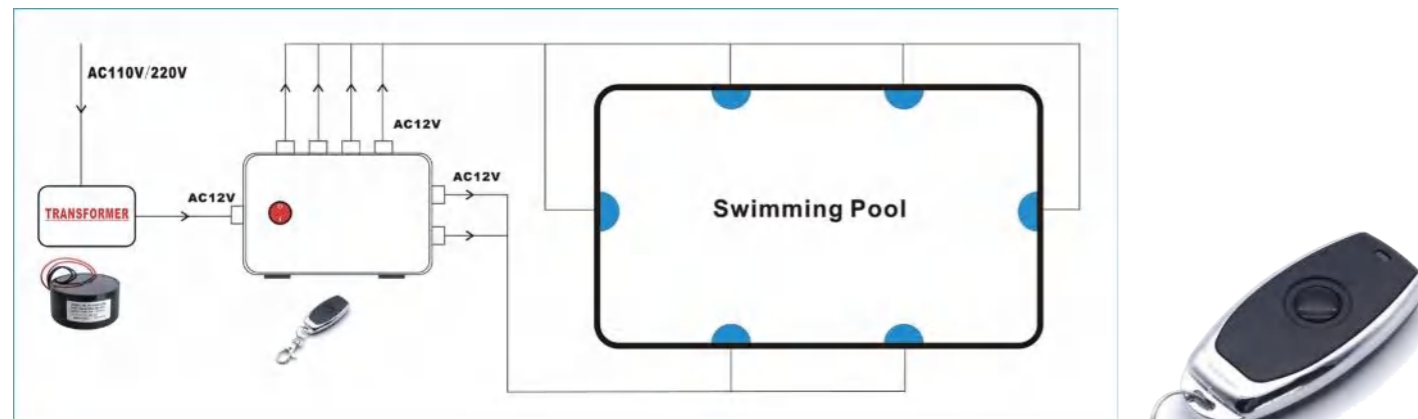
Size : 220*140*75mm

4 connect terminals ,max 1000W.



Remote controller

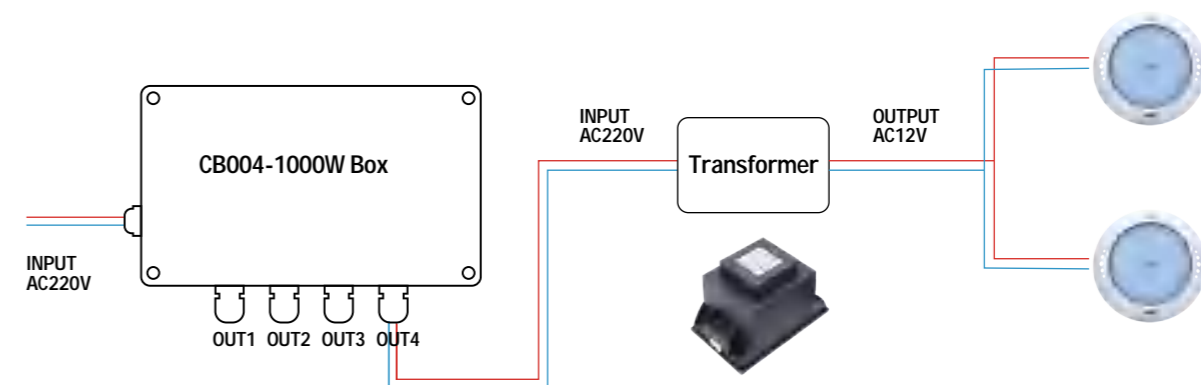
How to connect the lamps with the CB box ?



- Connecting all lights absolutely synchronized.
- 15 color models to meet personal enjoyment.
- Handle remote controller can be 30-50 meters far from the control box.
- This MINI box must be connected with the magnetic transformer(AC12V).
- You can change the lamps' color by main switch or remote controller.

PHOTO	CODE	INPUT	POWER	POSITION	CONNECT LAMP QTY
	CB006	AC12V	120W	After the Transformer	RGB 12W 6pcs
					RGB 18W 5pcs
					RGB 25W 4pcs
					RGB 32W 3pcs
					RGB 40W 2pcs
	CB008	AC12V	300W	After the Transformer	RGB 12W 8pcs
					RGB 18W 8pcs
					RGB 25W 8pcs
					RGB 32W 6pcs
					RGB 40W 6pcs

How to connect the lamps with the CB box ?



- Connecting all lights absolutely synchronized.
- 15 color models to meet personal enjoyment.
- Handle remote controller can be 30-50 meters far from the control box.
- This MINI box must be connected before the magnetic transformer(AC220V).
- You can change the lamps' color by main switch or remote controller.

PHOTO	CODE	INPUT	POWER	POSITION	CONNECT LAMP QTY
	CB004-1000W	AC 220V	1000W	Before the Transformer	RGB 12W 60pcs
					RGB 18W 50pcs
					RGB 25W 30pcs
					RGB 32W 25pcs
					RGB 40W 20pcs

3. 3 wires RGB Remote Control , with R15 controller

13 Color Programs(Only for RGB lamps)

- 1 **ON**
- 2 **OFF**
- 3 Fixed Blue
- 4 Fixed Red
- 5 Fixed Green
- 6 Fixed Red/Blue
- 7 Fixed Blue/Green
- 8 Fixed Red/Green
- 9 Fixed White
- 10 Cycle Red-Red/Green-Green
- 11 Cycle Green-Green/Blue-Blue
- 12 Cycle Red-Red/Blue-Blue
- 13 Cycle Red-Green-Blue,Speed from fast to low.
- 14 Cycle Green-Red/Blue-Blue-Red-White-Blue/Green-Red/Green
- 15 Cycle gradual change of all colors.

Operation

Changing colors:

Button 3-15 , each button is one program.

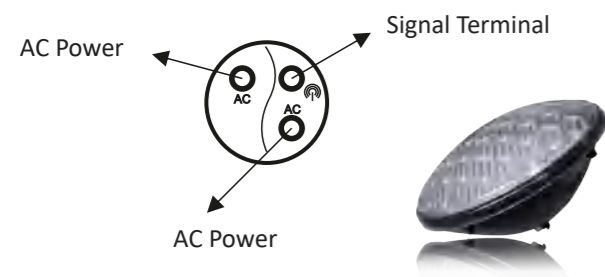
Synchronizing multiple lamps:

Press one button untill all the lamps change to the same program.

Memorizing the last color:

Select the desired color, turn OFF the lamps, the chosen color has now been memorized.

Superhet Remote controller + Signal terminal out of water = Perfect Synchronization



For PAR56 bulb



For wall mounted lamp

Light with 3 wires

AC12V



(Controlling Distance 50 - 100M)

4. Music + RGB Lighting synchronized control, by WiFi Mobile Phone

Light with 4 wires

DC12V-24V



For Android & iOS

Code : WiFi CB004

Size : 185*175*100mm

4 connect terminals ,max 150W.

- 1) Support Android system and IOS system
- 2) Remote control LED lights by App (Magic Home) at anywhere
- 3) Support timing function; set schedule to switch on/off lights
- 4) **Lighting color change with the rhythm of music in your smart device**
- 5) Work with Google Assistant, Amazon Alexa, control your lights by voice

Controlling the RGB Lighting and Music Synchroniz Together

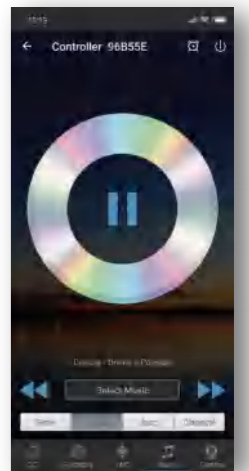
In this function, you can let shine the connected LED in the rhythm of the music will be played on the smartphone or tablet. To do this, select the menu item "select music" and then select your music library on smartphone or tablet the desired music.

There are four main modes for four music styles:

1. ROCK for rock & roll music style,
2. NORMAL for default music style,
3. JAZZ for jazz music style,
4. CLASSICAL for classical music style.

IOS system needs to download music files in iTunes or copy audio files from computer's iTunes to iPhone. After then, you can select the music when you open APP music mode to synchronize the lights and music rhythm. The light color changes automatically with music rhythm.

Android system needs to download the music files to the phone for use



Europe Plug



Connector

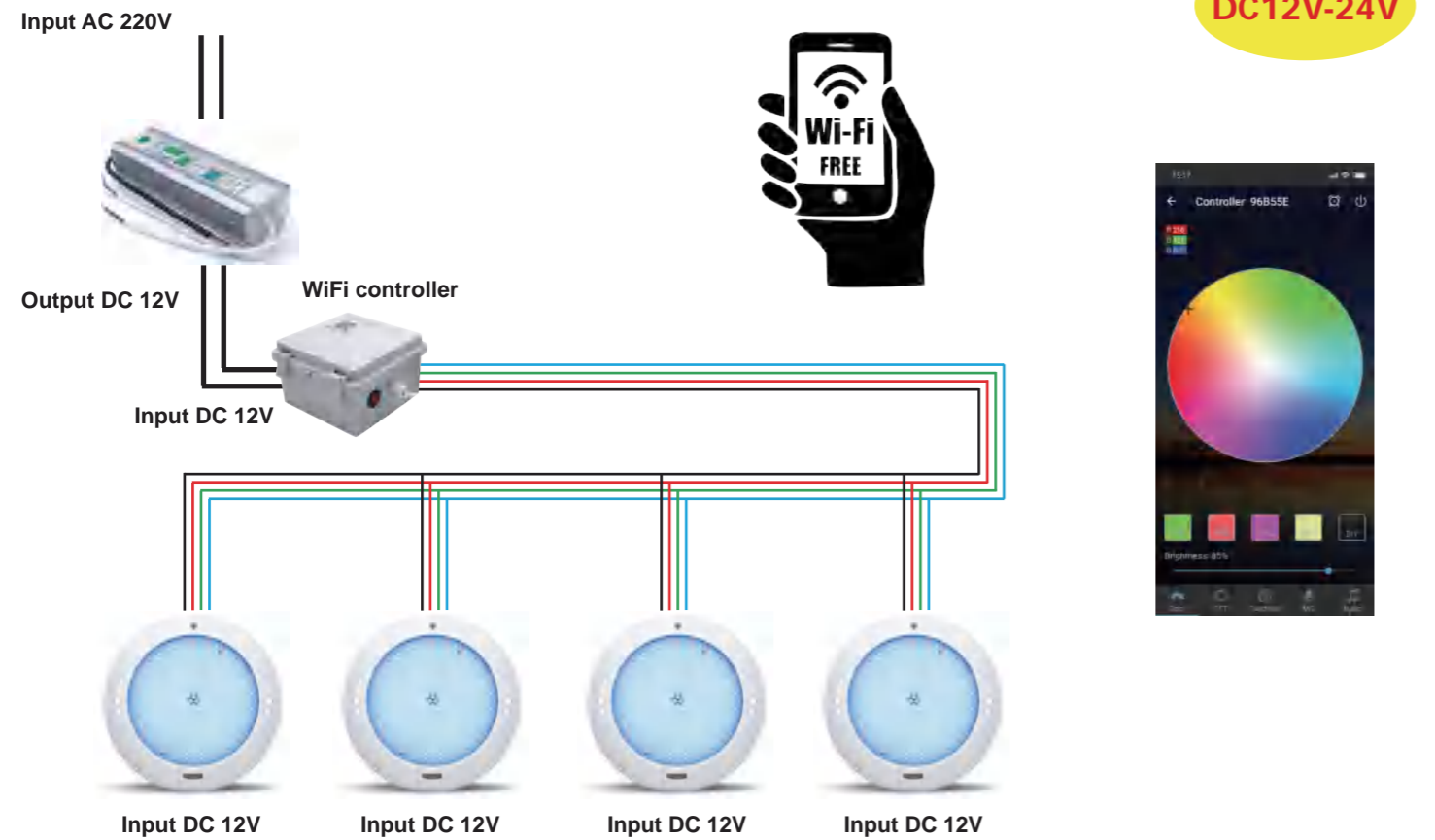


Power Supply





4 Wires Pool Light

How to connect the lamps with the WiFi CB box ?



The RGB lights which connected with the Wifi CB004 box must be 4 wires, DC12V

PHOTO	CODE	INPUT	POWER	POSITION	CONNECT LAMP QTY	
	WiFi CB004	DC12V	150W	After the Transformer	RGB 12W	4pcs
					RGB 18W	4pcs
					RGB 25W	4pcs
					RGB 32W	3pcs
					RGB 40W	2pcs
	WiFi CB008	DC12V	300W	After the Transformer	RGB 12W	8pcs
					RGB 18W	8pcs
					RGB 25W	8pcs
					RGB 32W	6pcs
					RGB 40W	6pcs

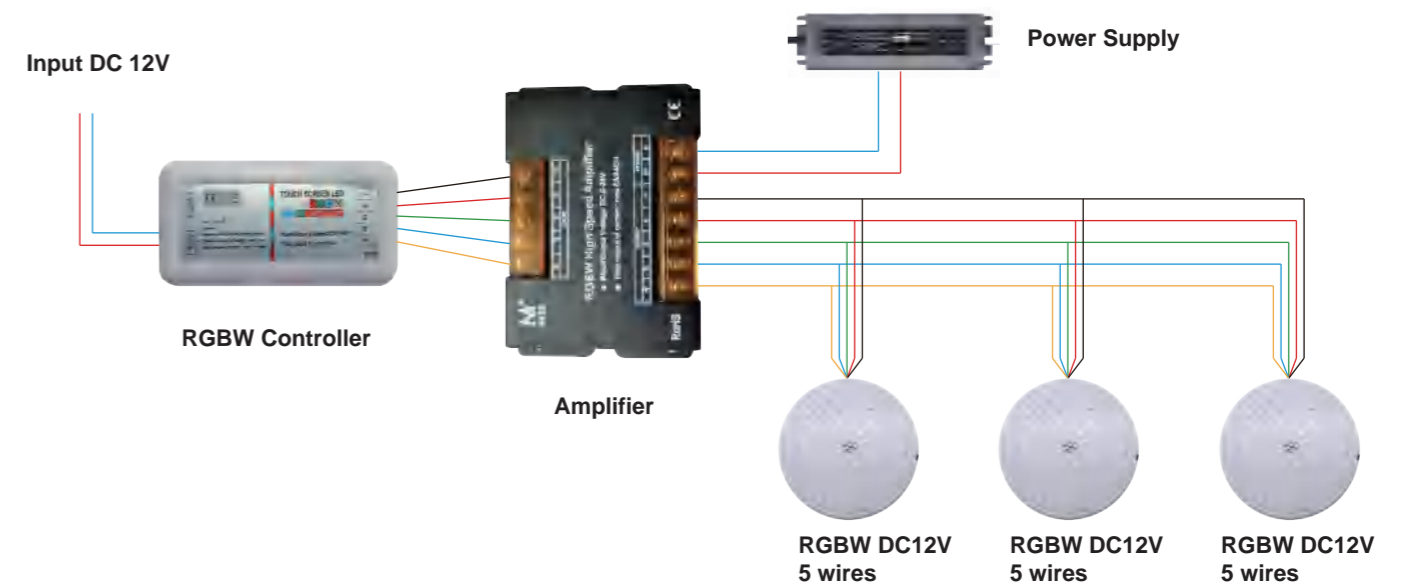
5. RGBW Extra Remote Control

Light with 5 wires









- IP68 Waterproof
- Stronger body, never broken
- Beautiful out-looking

How to connect the lamps with the controller ?



Remote Interface



	ON/OFF Turn ON/OFF the light and the controller
	Color Wheel Select the LED light color
	Signal indicator light RED Light means the Remote send signal
	Brightness Adjust Button Change the LED brightness by clicking the buttons
	Speed Adjust Button In Dynamic Mode, increase/decrease the changing speed
	Modes Select Button Select the Modes by clicking the button



RGBW Program

No.	Mode	Note	No.	Mode	Note
1	W+ Color Ring	Brightness Adjustable	8	G/W Jumping	Brightness Speed Adjustable
2	W Static		9	B/W Jumping	
3	7 Colors Gradient	Brightness Speed Adjustable	10	R Flashing	
4	R G B W Breathing		11	G Flashing	
5	R G B W Jumping		12	B Flashing	
6	7 Color Jumping		13	W Flashing	
7	W R Jumping		14	Loop mode(1-14)	

PAR56 + Fixture

Code : P1001

PC cover with big lens



◆ SMD2835

■ SMD5050



Ultrasonic Melting



ABS + PC body

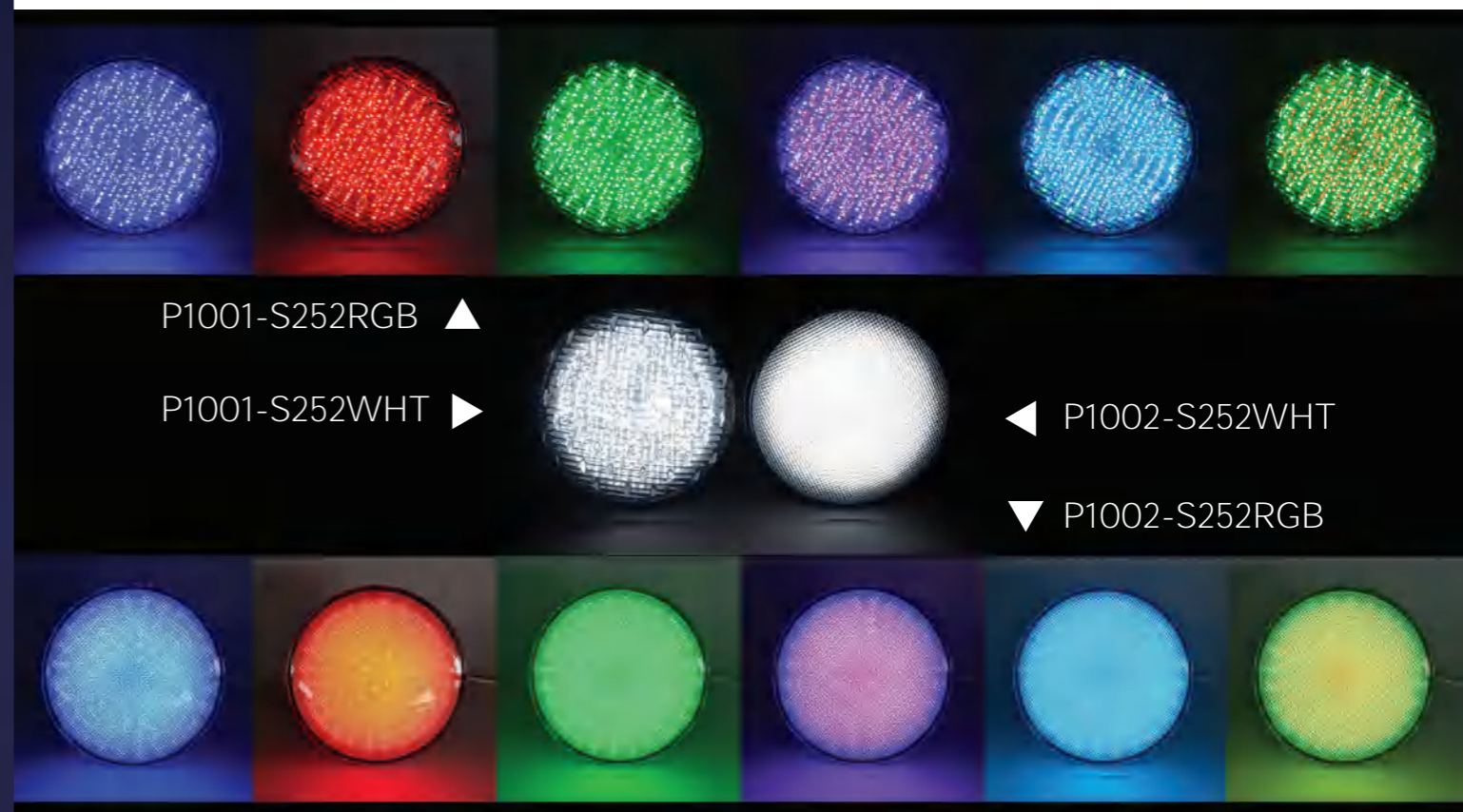
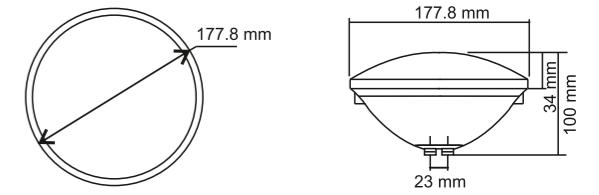


Epoxy Resin Sealing

Code : P1002

PC cover with small lens

P1001 and P1002 Contrast
RGB & Cool white



Specification

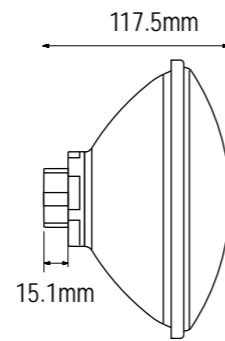
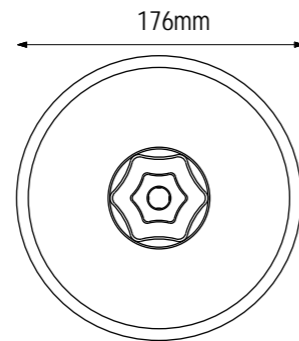
Code	Vol.	Power	Color	Lumens	LED Type	Control
P1001(2)-S180WHT	AC12V	12W	6400K	1320lm	180pcs SMD2835	--
P1001(2)-S252WHT	AC12V	18W	6400K	1980lm	252pcs SMD2835	--
P1001(2)-S351WHT	AC12V	25W	6400K	2750lm	351pcs SMD2835	--
P1001(2)-S150WHT	AC12V	35W	6400K	3850lm	150pcs SMD5050	--
P1001(2)-S180WW	AC12V	12W	3000K	1200lm	180pcs SMD2835	--
P1001(2)-S252WW	AC12V	18W	3000K	1800lm	252pcs SMD2835	--
P1001(2)-S351WW	AC12V	25W	3000K	2500lm	351pcs SMD2835	--
P1001(2)-S150WW	AC12V	35W	3000K	3500lm	150pcs SMD5050	--
P1001(2)-S180RGB(R15)	AC12V	12W	RGB	660lm	180pcs SMD2835	ON/OFF & Remote
P1001(2)-S252RGB(R15)	AC12V	18W	RGB	990lm	252pcs SMD2835	ON/OFF & Remote
P1001(2)-S351RGB(R15)	AC12V	25W	RGB	1350lm	351pcs SMD2835	ON/OFF & Remote
P1001(2)-S150RGB(R15)	AC12V	35W	RGB	1750lm	150pcs SMD5050	ON/OFF & Remote

Code : P1005 New PAR56



12W / 18W / 25W / 35W

Single Color : WW / WHT / R / G / B
Multicolor : RGB / WGB , ON/OFF & Remote



NO NEEDING
ABS holder / O-ring / Screws
SAVING BIG COST



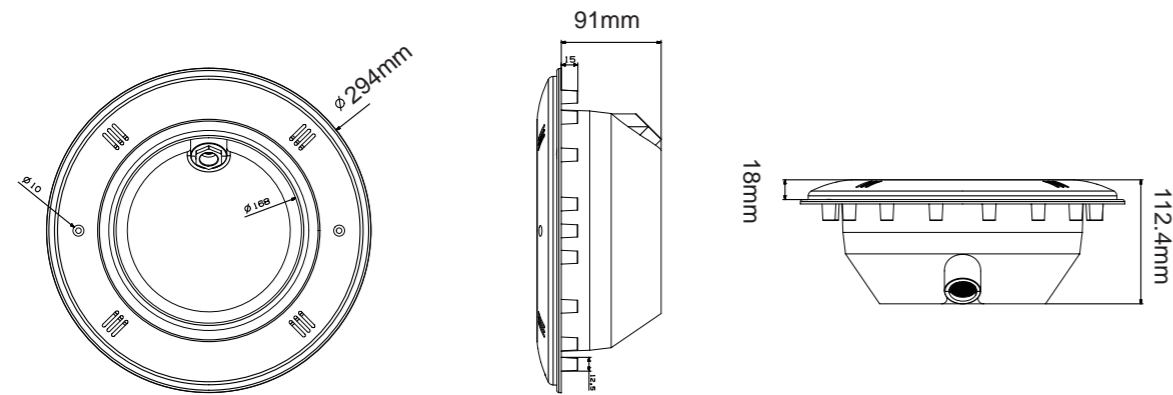
Installation



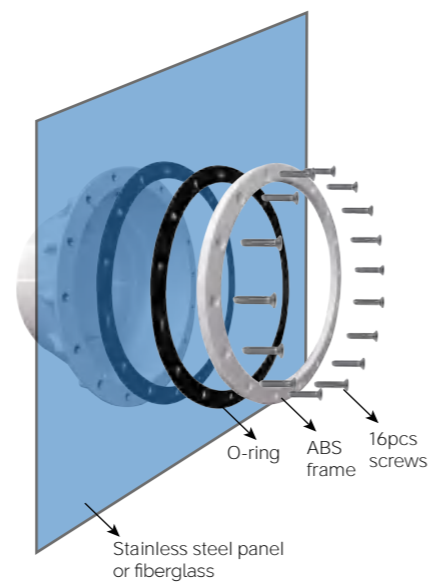
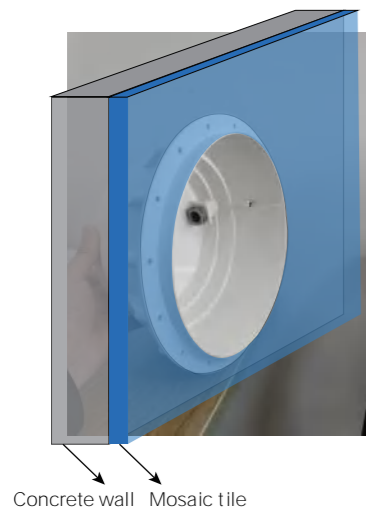
Specification

Code	Vol.	Power	Color	Lumens	LED Type	Control
P1005-S180WHT	AC12V	12W	6400K	1320lm	180pcs SMD2835	--
P1005-S252WHT	AC12V	18W	6400K	1980lm	252pcs SMD2835	--
P1005-S351WHT	AC12V	25W	6400K	2750lm	351pcs SMD2835	--
P1005-S150WHT	AC12V	35W	6400K	3850lm	150pcs SMD5050	--
P1005-S180WW	AC12V	12W	3000K	1200lm	180pcs SMD2835	--
P1005-S252WW	AC12V	18W	3000K	1800lm	252pcs SMD2835	--
P1005-S351WW	AC12V	25W	3000K	2500lm	351pcs SMD2835	--
P1005-S150WW	AC12V	35W	3000K	3500lm	150pcs SMD5050	--
P1005-S180RGB(R15)	AC12V	12W	RGB	660lm	180pcs SMD2835	ON/OFF & Remote
P1005-S252RGB(R15)	AC12V	18W	RGB	990lm	252pcs SMD2835	ON/OFF & Remote
P1005-S351RGB(R15)	AC12V	25W	RGB	1350lm	351pcs SMD2835	ON/OFF & Remote
P1005-S150RGB(R15)	AC12V	35W	RGB	1750lm	150pcs SMD5050	ON/OFF & Remote

Code : PF1003



Preset Niche suits for concrete pool / liner pool



Installation



Epoxy resin Panel + PF1003 niche



New PAR56 P1005 + PF1003 niche