MAXiLLUM ™

16th Years of Excellence

2024-2025

SWIMMING POOL LIGHTS

Multicolor Controller

M1003 Series

Input Voltage: ☐AC12V ☐DC12V

☐ 6W, Warm White 3000K
☐ 6W, Cool White 6000K
☐ 6W, Cool & Warm White 4000K

We always focus on innovation.

ABOUT US

PROFESSIONALSWIMMING POOL LIGHTS MANUFACTURER

Maxillum has been dedicated to above ground and underwater led lights business since 2008, we have got very reliable partnership with many clients over 70 countries in the world through many years' loyally and diligently building in design, technical innovation and manufacturing experience.

Product itself speaks all. Completely solving the water leakage complaints, providing most convenient installation solution is our mission. Our products include PAR56, wall mounted series, epoxy resin filled pool lights series, fountain lights , landscape lights, world brand replacement pool lights series, transformers, controllers, pool bulbs, etc, they are widely used in concrete pool, fiberglass pool, liner pool, landscapes, etc. Our products perfectly meet every end users' demand and are popular with many brand creators. Our customers describe us as trustworthy, experienced and dedicated manufacturer partner.

Reputation is our company's culture. It's our major mission to bring premium quality and price-performance led lighting products and solutions to every partner and brand creator clients in the world. We are continuously providing the highest working standard and customer service. With much appreciation, loyalty and dignity in quality control, our passion and love in work will also spread to each user finally.

Creating safe and high performance pool lighting products, making your own logo or brand popular is our mutual and final goal. We are happy to be your best trusted partner in China!

1. ON/OFF Control

15 Color Programs

1	Static Blue
2	Static Red
3	Static Green
4	Static Red/Blue
5	Static Blue/Green
6	Static Red/Green
7	Static 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   Suitable for CB006 / CB008 /CB004-100W

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.

Control Box , with a remote controller

15 Color Programs, same as last page1

Remote controller

Code : CB006
Size : 150*105*70mm
6 connect terminals ,max 120W.

Code : CB008
Size : 185*175*110mm
8 connect terminals ,max 300W.

How to connect the lamps with the CB box ?

AC110V/220V

TRANSFORMER

AC12V

AC12V

AC12V

AC12V

Swimming Pool

- 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 Transfomer	RGB 12W	6pcs
					RGB 18W	5pcs
					RGB 25W	4pcs
					RGB 32W	3pcs
					RGB 40W	2pcs
	CB008	AC12V	300W	After the Transfomer	RGB 12W	8pcs
					RGB 18W	8pcs
					RGB 25W	8pcs
					RGB 32W	6pcs
					RGB 40W	6pcs

Remote controller

Code : CB004-1000W
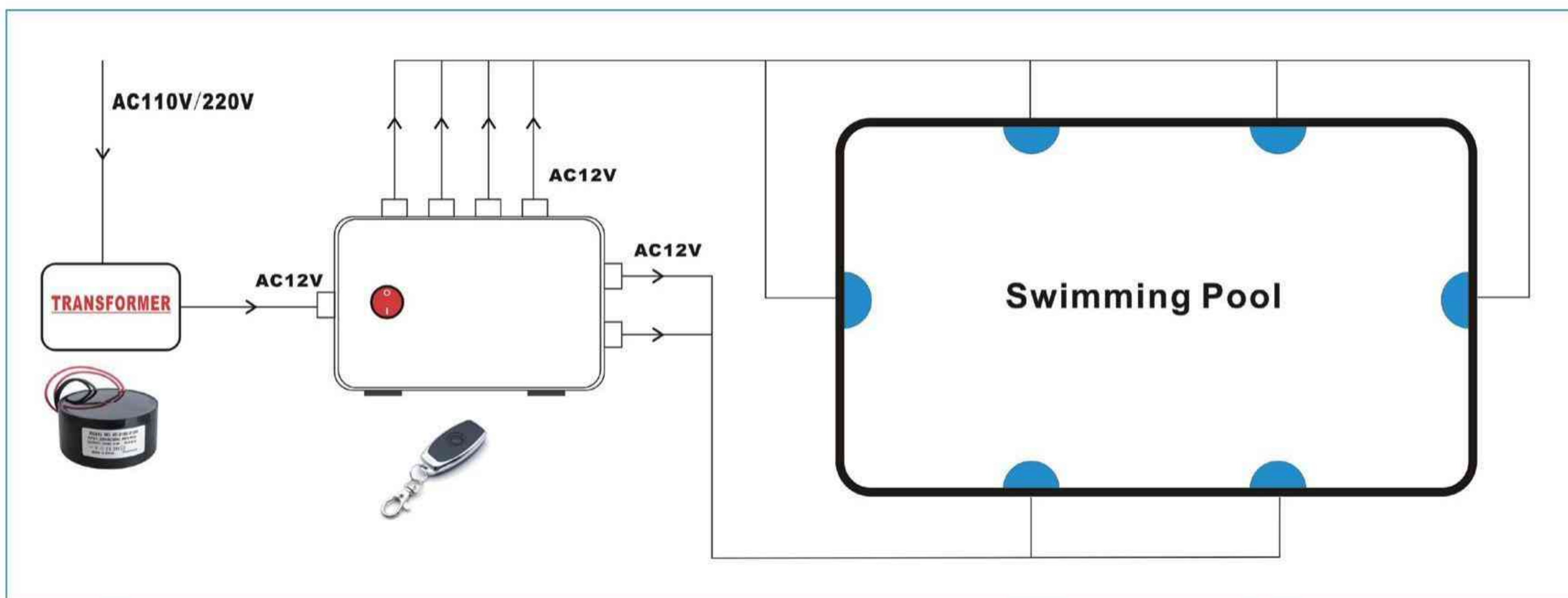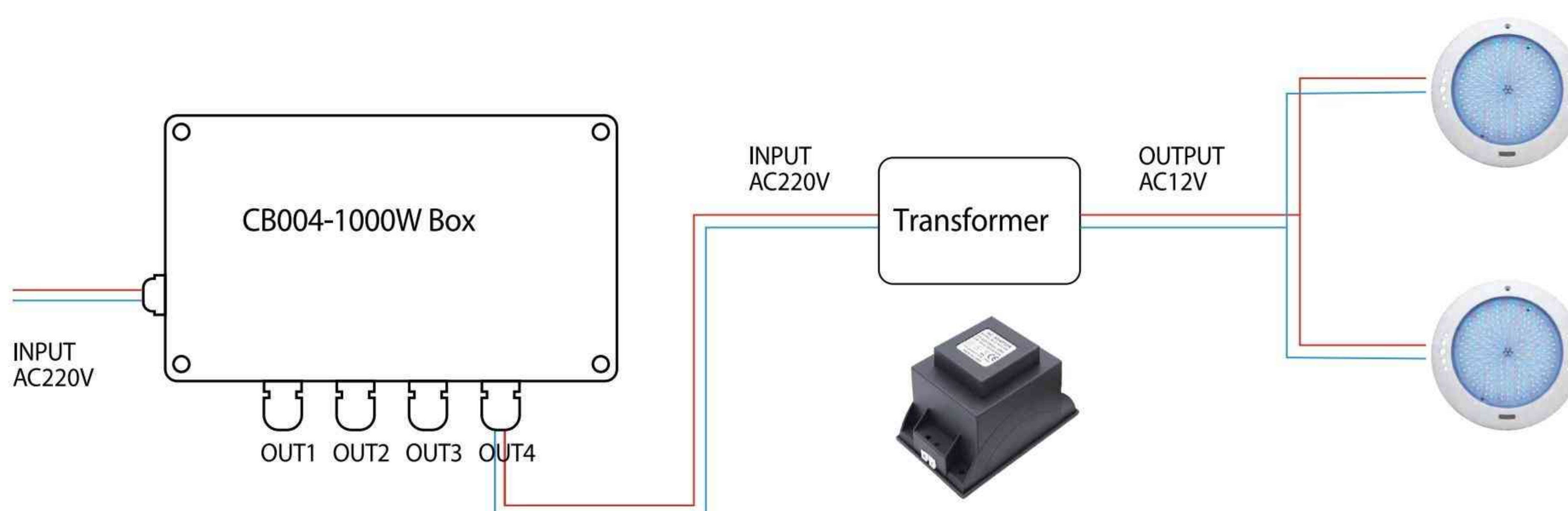Size : 220*140*75mm
4 connect terminals ,max 1000W.

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.

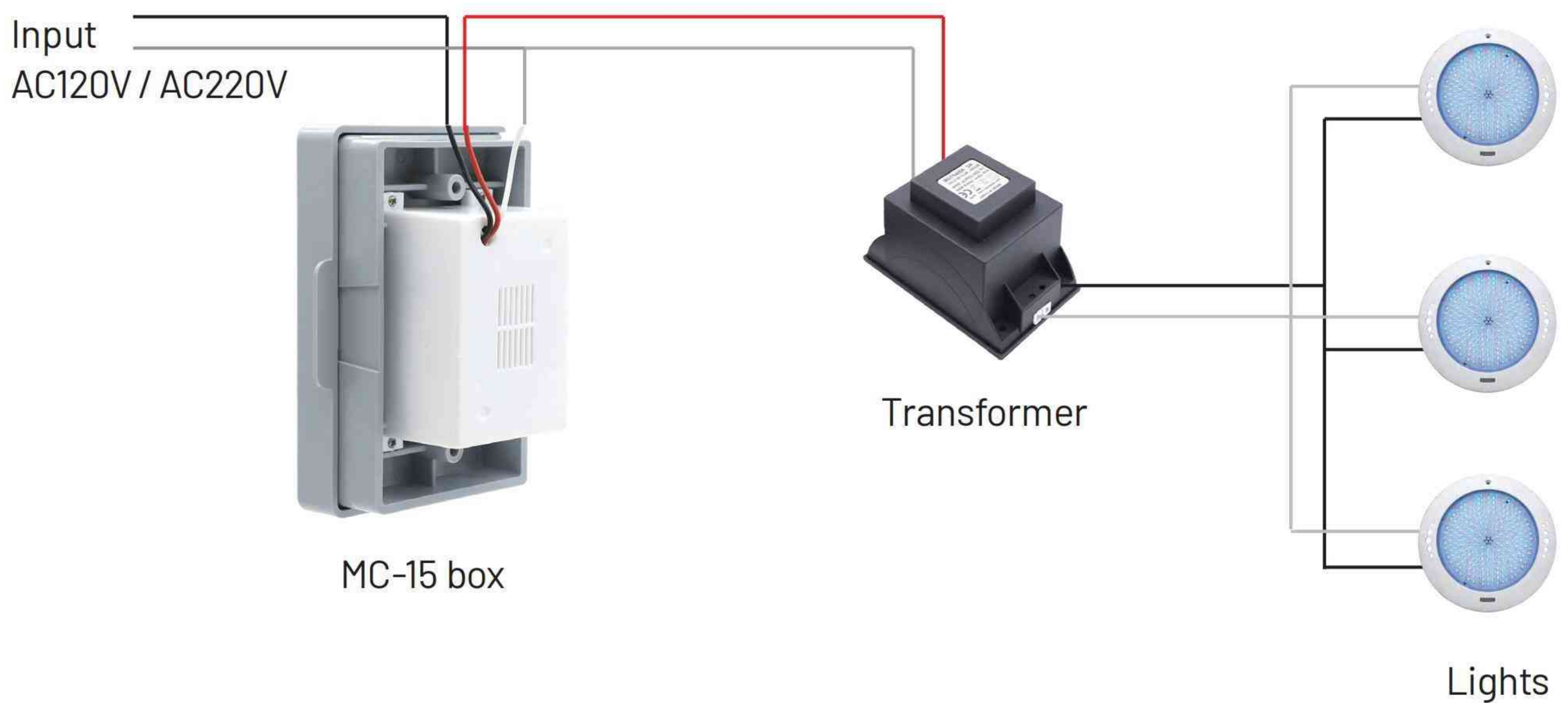| PHOTO	CODE	INPUT	POWER	POSITION	CONNECT LAMP QTY	
					RGB 12W	60pcs
					RGB 18W	50pcs
	CB004-1000W	AC 220V	1000W	Before the Transfomer	RGB 25W	30pcs
					RGB 32W	25pcs
					RGB 40W	20pcs

RGB ON/OFF Control Box MC-15

12 Color Programs, see Page 5

The MC-15 can be installed in American
wall switch socket installation bottom box.

How to connect the lamps with the MC-15 box ?

Input
AC120V / AC220V

Transformer

MC-15 box

Lights

12 Color Programs (For RGB or RGBW ON/OFF)

1	**Butterfly Wings :**	Cycles through white, purple, blue and green colors
2	**Galaxy Eye :**	The colors flash quickly, full of energy
3	**Rainbow Sky :**	Gradual change blue-purple-red-yellow-cyan-green-purple
4	**Summer Dream :**	Blue and green appear alternately
5	**France Romatic :**	Transition between red, white and blue
6	**Desert Passion :**	Dramatic transitions of orange, red and purple
7	**Mexico Night :**	Richer and deeper color changes between red-purple-yellow-green
8	**Ocean Heart :**	Static Blue
9	**Spring Green :**	Static Green
10	**Cherry Kiss :**	Static Red
11	**Noble White :**	Static White
12	**Lavender Love :**	Static Purple
13	**Hold Mode :**	Lock the current mode
14	**Return Mode :**	Return to the previous locked mode

Suitable for MC-15 control box

Operation

Selecting colors:

To select a color show mode (1-7) or static color (8-12), turn the wall switch OFF/ON a specific number of times. Each number (1-12) shown above corresponds to the number of times to power-cycle the switch to activate a color light show or static color.

Hold: Lock the current mode. (switch OFF/ON 13 times)

Return: Return to the previous locked mode. (switch OFF/ON 14 times)

Memorizing the color:

When power is switched off (more than 10 seconds) to the RGB color lights, the last color show mode or fixed color will be saved. The next time the light is powered on, the previously saved color show mode or fixed color will be displayed.

2. Remote Control

A-13 Color Programs

1 **ON**
2 **OFF**
3 Static Blue
4 Static Red
5 Static Green
6 Static Red/Blue
7 Static Blue/Green
8 Static Red/Green
9 Static 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.

R15

(Controlling Distance Max 100M)

Operation

Changing colors:

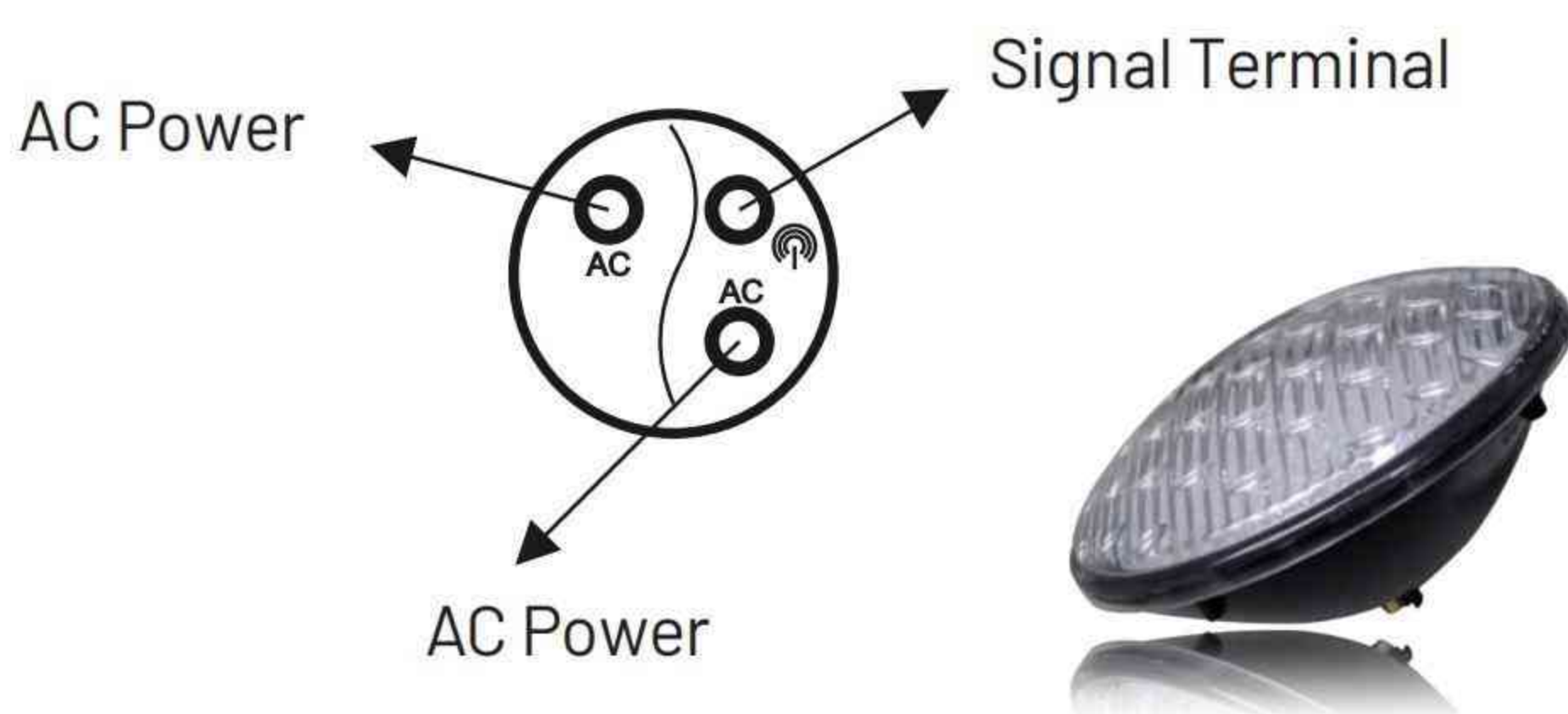Button 3-15 , each button is one program.

Synchronizing multiple lamps:

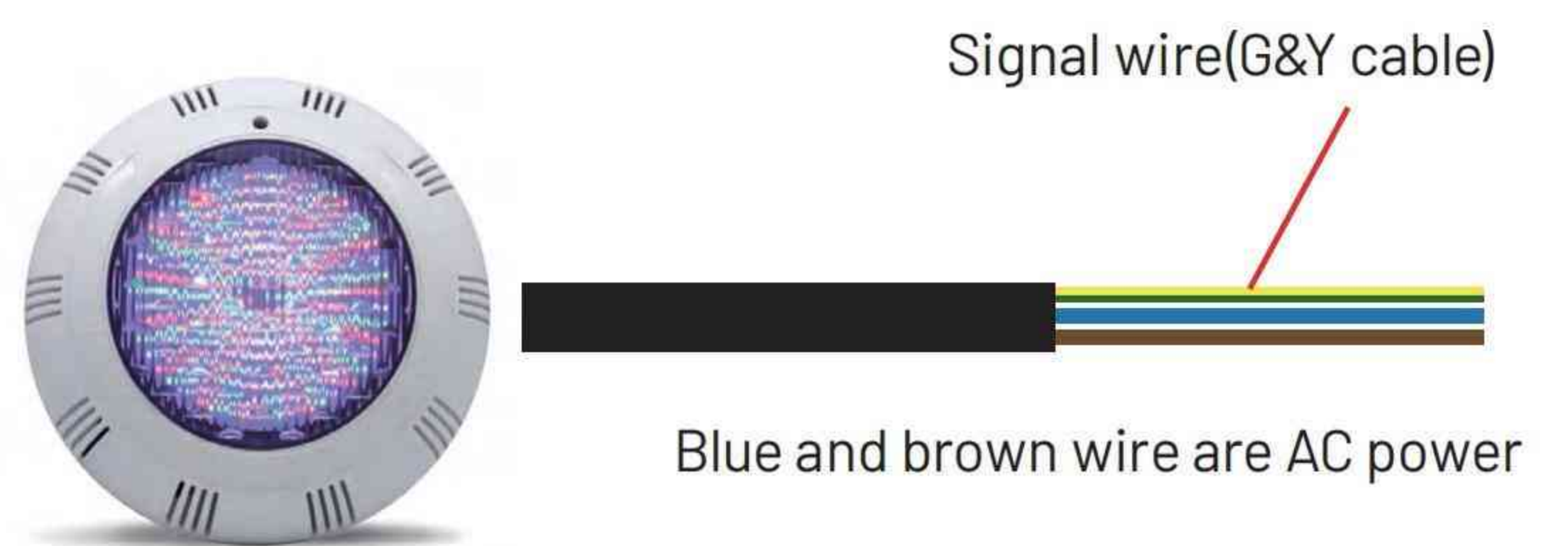Press one button untill all the lamps change to the same program.

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**

Signal Terminal

AC Power

AC

AC

AC Power

Signal wire(G&Y cable)

Blue and brown wire are AC power

For PAR56 bulb

For wall mounted lamp