

**Description:**

RX-A18-V RGBW 4 channel Bluetooth Controller Underwater LED Aquarium Light Submersible Fish Tank Light. High brightness, double the brightness compared to RGB color aquarium lights, more penetrating. Bluetooth RGBW LED Controller, It supports a color palette of over 16 million colors and also different tones of white light-from warm yellow light to vibrant blue light. The APP is with timer, music control and group control function and 20 built-in modes and DIY mode, Easily bring up the colors you need, Suitable for fish tanks Aquarium lighting!



1. RGBW Aquarium Lights, double the brightness (than RGB Submersible Fish Tank Lamp)
2. Smartphone Control, 16 Million Colors, Timing switch, Custom mode, RGB dimming color, white light dimming
3. Waterproof IP68
4. Highly Transparent PMMA Tube (Optional glass tube)
5. Lifespan: 25,000 hours
6. Warranty 1 years
7. CE RoHS FCC

Model	Dimension	Fit for Aquarium Length	Illuminance 10cm Lx (RGBW)	Luminous flux PAR Output (RGBW)	Max Power Input	Comment
RX-A18-V23	23cm	>25cm	3513Lx 64μmol/m <sup>2</sup> /s	174Lm	3.8W	Please use DC24V 0.5A or above power supply
RX-A18-V33	33cm	>35cm	4100Lx 74μmol/m <sup>2</sup> /s	166Lm	5.7W	
RX-A18-V43	43cm	>45cm	4116Lx 74μmol/m <sup>2</sup> /s	359Lm	7.6W	
RX-A18-V53	53cm	>55cm	4539Lx 81μmol/m <sup>2</sup> /s	166Lm	9.5W	
RX-A18-V63	63cm	>65cm	4444Lx 81μmol/m <sup>2</sup> /s	527Lm	11.2W	Please use DC24V 1A or above power supply
RX-A18-V73	73cm	>75cm	4509Lx 81μmol/m <sup>2</sup> /s	602Lm	13.1W	
RX-A18-V83	83cm	>85cm	4516Lx 82μmol/m <sup>2</sup> /s	708Lm	15W	
RX-A18-V93	93cm	>95cm	4563Lx 82μmol/m <sup>2</sup> /s	786Lm	16.6W	
RX-A18-V103	103cm	>105cm	4647Lx 84μmol/m <sup>2</sup> /s	860Lm	18.3W	
RX-A18-V113	113cm	>115cm	4730Lx 85μmol/m <sup>2</sup> /s	958Lm	20.2W	

Surface temperature rise Tc 22K, Operating temperature: -30° C ~ 40° C, Lifespan: 50,000 hours (Note: Ta ≤ 25° )

Tolerance range for optical and electrical data: ± 10%. Beam angle: 120° , Recommended irradiation distance: 0.1~0.3m

Note: The test data is a full-light test; the standard does not contain a power supply.

**Dimension:**



UNIT:mm

| We are different |

**Imaginative Fish Tank Lamps Controlled by Mobile App**

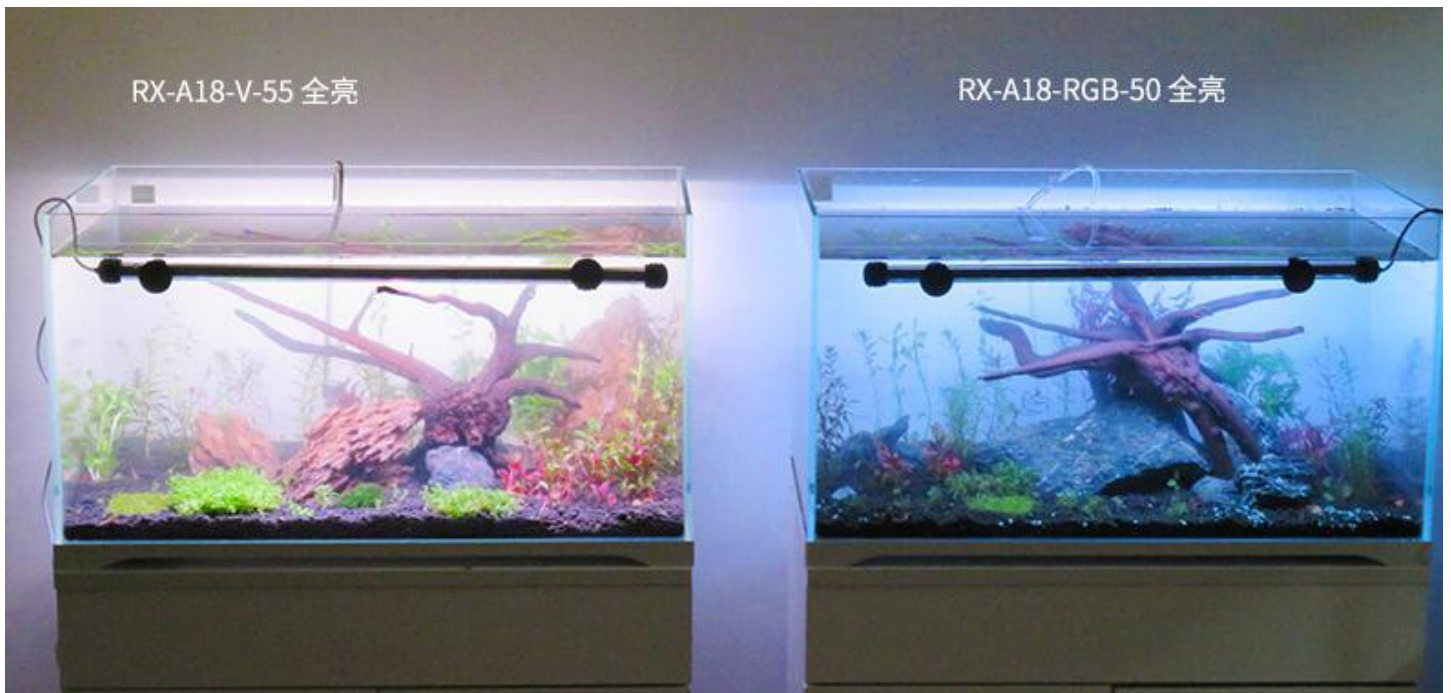


Smartphone Bluetooth control 20 dynamic modes for gorgeous effects  
Timing switch (need to be reset after power off)  
Optional 16,000,000 colors, providing more possibilities  
Colors can be selected from pictures more accurately

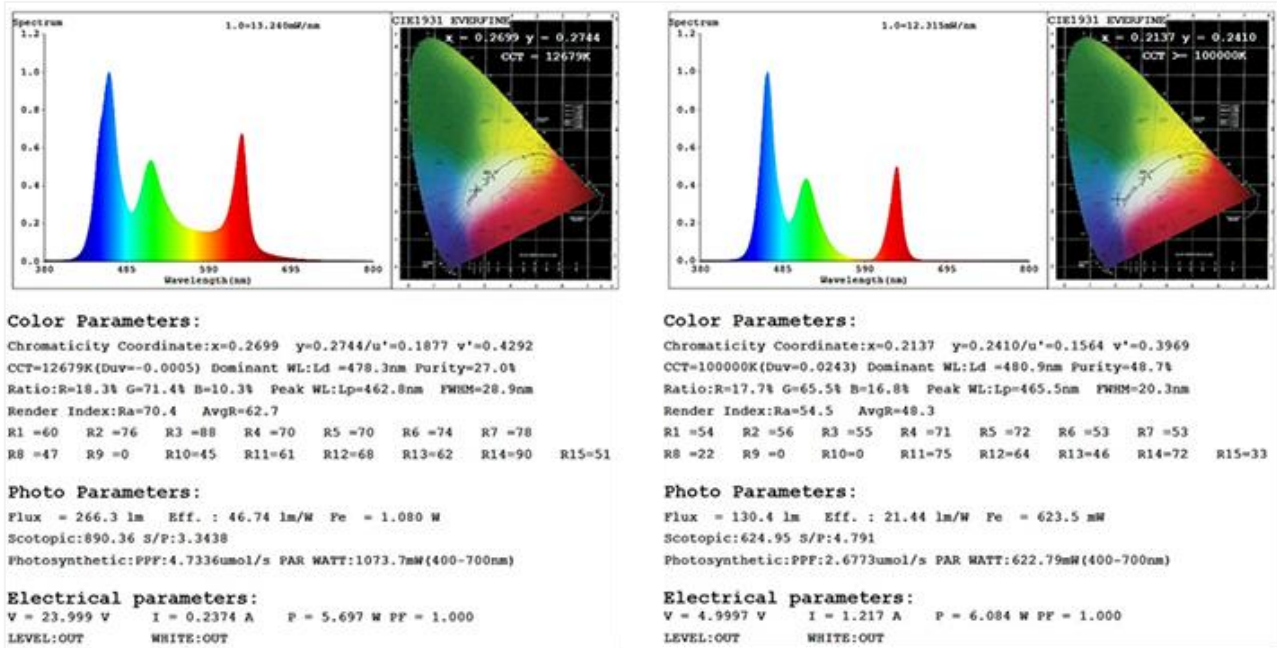
| We are different |

**Double the brightness, clear penetration of the water**

📷 The same camera shooting comparison test



Speak with data, integration sphere test comparison



AI8-V-35 5.7W Luminous flux: 266Lm

AI8-RGB-50 6.1W luminous flux 130Lm

☀ Professional test comparison

| We are different |

### Safety without Leakage of Electricity

Koray uses a power supply that complies with the global safety standards, and the cost is relatively high. You can also choose to use the power supply without your own power supply. This may be cheaper, but please note that a good power supply is a safety guarantee.

Please choose a power supply that meets the safety certification



High quality LED power supply which have passed 3750V high volt insulation test. Enough creepage distance for first class isolation with high safety and high reliability.

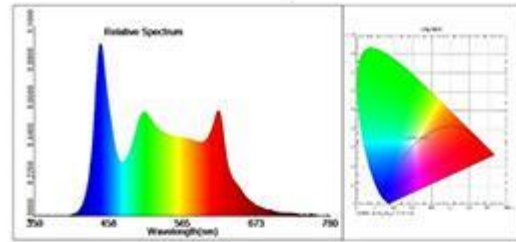
No creepage distance, can't pass high voltage test, have high risk of electric shock. EMC radiation exceeds the standard, don't meet safety requirements.

| We are different |

Show your color and show the true vision



**Test Report**



Test parameter:

E= 2705.2 lx	E(f) <sub>v</sub> =251.411 fc	CIE u'=0.2003	CIE v'=0.4697
CIE x= 0.3170	CIE y= 0.3304	MW=28.8 nm	Ld=489.4 nm
Tc=6268 K	Lp=450.0 nm	Ratio_G=77.8 %	Ratio_B=6.0 %
Pur=5.7 %	Ratio_R=16.3 %		
Duv=0.00176			
Ra=97.1	R1= 98	R2= 98	R3= 94
R4= 96	R5= 99	R9= 95	R7= 99
R8= 99	R9= 94	R10= 94	R11= 91
R12= 76	R13= 99	R14= 96	R15= 98
SDCM= 5.1(F6500)			
White Class C78.377_6500K			
E1=6.9699 W/m2			PPFD=40.57 μmol/(m2 s)
Ech-A=0.17499 W/m2			Ef=0.098144 W/m2
Eb=2.9341 W/m2			Er=2.2217 W/m2
Eg=7.5358 W/m2			
PPFD=5.9622E-001 μmol/(m2 s)			

**CRI=Ra97-Keep the Actual Colors**

Guidance for high color rendering index: White-CW6000K (full bright), Red-58, Green-50, Blue-15  
 Color Rendering Index: Ra97; Color Temperature: 6700 .Kindicating 97 color temperature 6700K

Note: The color rendering index (also known as the color rendering index) refers to the measure of the degree of color compliance when an object is illuminated with the light source and illuminated with a standard light source (generally using a standard light source of sunlight), that is, the degree of color fidelity. The color rendering index of sunlight is defined as 100, the color rendering index is also high, and the more realistic the object is illuminated

| We are different |

Different time is short, the aquarium lights emit different light

Current Device Time  
Aug 18, 2018 at 18:49:29

Timer List [Add Timer...](#)

- 07:30 Everyday  
RGB: 66% Warm White:50%
- 09:38 Everyday  
RGB: 100% Warm White:100%
- 16:30 Everyday  
RGB: 82% Warm White:51%
- 18:30 Everyday  
1.Seven color cross fade
- 22:30 Everyday  
Turn OFF the light

Note:  
The timer will be failure when 'physically power OFF the device'.Please start app to synchronization time.

Morning Raga

Noon Melody

Night Whisper

Different mornings, different noon, different evenings,  
Different dinner time Scenes, change with you!

Different mornings, different noon, different evenings, Different dinner time Scenes, change with you!

| We are different |

## 20 Built-In Modes and Scene Settings



dust

coral

steppe



Excellent Quality and EXquisite Workmanship





Diving & Amphibious



Waterproof Rating: IP68







## Standard Sizes

The standard kit includes: controller and lamp connection pins, power supply must be purchased separately

Bluetooth RGBW controller specification	
input voltage:	12-24V DC Plug 5.5x2.1mm
input voltage:	2A 4 spare
Control signal:	Bluetooth mobile phone
APP name:	Magic Light
Support language :	Chinese, English, Japanese, German, Italian, French, Spanish, Korean
Operation platform:	Android 4.3 or IOS 7 or higher ver
Support color quantity:	16 million

Bluetooth APP control (RGBW color + timing + multiple control modes) for fish tank decorative lighting, creating more than 16,000,000 colors and different tones of white light for your gorgeous aquarium world.

Power conversion plugs for multiple countries, global certification standards, power supplies that meet safety regulations



Power conversion plugs for multiple countries, **global certification standards**, power supplies that meet safety regulations

 **Tips:**  
We can provide a package with power supply, you need to pay for the power supply, you can also choose to buy the power yourself!

**Package Included:**

Bluetooth RGBW LED Controller

Input: DC12-24V DC Plug 5.5x2.1mm

Output: 2A 4CH

Domination Principle : BLUETOOTH

APP : Magic Light

Language : Chinese, English, Japanese, German, Italian, French, Spanish, Korean

Operation Platform : Android 4.3 or IOS 7.0 or higher

It supports a color palette of over 16 million colors and also different tones of white light-from warm yellow light to vibrant blue light.

The APP is with timer, music control and group control function and 20 built-in modes and DIY mode

Use phone to download a free app" Magic Light ", then connect controllers to phone

**Product Functions**

1. 16 Million Colors
2. Smartphone Control
3. Sync Control by Group
4. Custom mode
5. Timer Mode
6. Kickstart your party
7. Light Dancing with Music
8. Save Favourite Colors
9. Remote control by Internet

出色、出彩，不仅仅是光

我们高效的利用光，透镜反光杯结构，光更强劲的投射到水族箱

出色，超高的显色指数

[Pet Supplies > Fish & Aquatic Pets > Aquarium Lights](#)

[Aquarium Lighting & Bulbs | eBay](#)

[Extendable Range Aquarium Lighting Fish Tank Lights](#)

[Aquarium lighting – Wikipedia](#)

[Aquarium Lighting | Fish Tank Lights](#)

[Freshwater Aquarium Lighting](#)

[NICREW Deluxe LED Aquarium Light, High Illumination Fish Tank Light for Freshwater Tanks](#)

[LED Aquarium Light, Submersible Fish Tank Light Amphibious Led Fish Tank Lighting \(blue, white, white+blue\) \(48cm, white+blue\)](#)

[RGBW 4 channel Bluetooth Controller Underwater LED Aquarium Light Submersible Fish Tank Light](#)