

## SUNO FLEX RGBW

ONE BIN ONLY of color-consistency  
2 steps of color-tolerance  
For both external and internal  
Provide the best illuminance 24/7

Innovation & Lighting Show-Cases



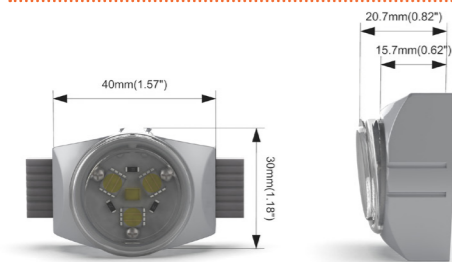


## SUNO FLEX RGBW

- With size of 38\*14.8\*21.5mm, and the constant voltage of 0.9W & 12V.
- WHT range from 2700K to 6000K, e.g., natural white, cool white.
- ONE BIN ONLY and with DMX512 control system.
- With easy-application and multiple installation options.
- Stay in 2 steps of color-tolerance.

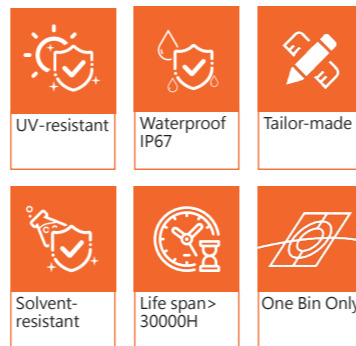
### Product Benefits:

- Provide the superb lighting effect.
- Combination with interchangeable lens.
- Very reliable lighting performance and be trust all the time.

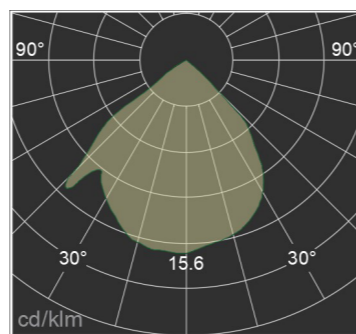


### Electrical data

Voltage	DC24V (23.5V <sub>min</sub> ~24.5V <sub>max</sub> )
LED/Node	4 (3CREE 3535 RGB + 1LUMILEDS 2835 White)
LED Type	CREE 3535 RGB + LUMILEDS 2835 White
Lumen Efficiency	20
Beam Angle	91
Storage Temperature	-20°C / -4°F ~ 70°C / 158°F
Ambient Temperature	-35°C / -31°F ~ 55°C / 131°F
Waterproof Rate	IP67
Warranty	5years warranty



CCT	LM/Node	Max. Watt	Max. Run Length(M)
R	3.7	0.225	10
G	10.8	0.225	10
B	1.5	0.225	10
W27	11.3	0.225	10
W40	12.2	0.225	10
RGBW40	29	0.9	10



### Important notice

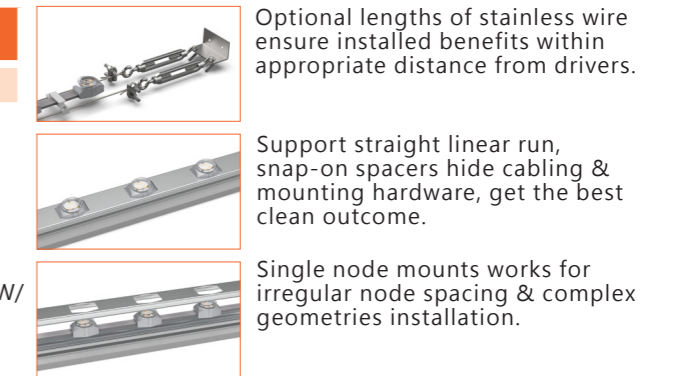
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is finished product color temperature.
- Max run length refer to single side feed in serial connection based on 10 Nodes/m.



### Order code

SERIES NAME	COLOR	NODE/M	LENGTH	POWER
SFRGBW	27= 2700K 40= 4000K	08=8Node/M	08000=8M	090=0.9W

### Typical mounting



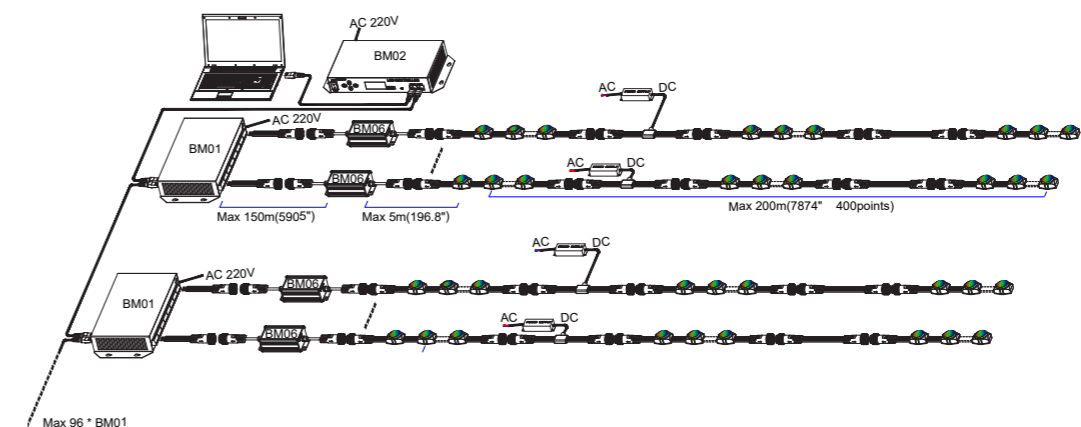
Eg: SFRGBW - 8 - 08000 - 075: SUNO FLEX RGB, 8 nodes/m, 8m, 0.9W/ node.

Note: Length and node/m can be customized.

### Accessories

Art.#	Description	Picture	Art.#	Description	Picture
SW001	Stainless steel wireφ2.0mm		MF034	Extension connectors, 50cm IP65	
SC010	Aluminium profile		CR001	DMX master controller IP54, 15W Max control 150000 pixels Input Voltage AC220V	
M0010	Stainless steel mounting clip including screw		CR002	DMX slave controller IP54, 15W 8 pcs Ports with DMX512 Signals Each port max control 400 pixels Input Voltage 220V	
MF032	Male and female connectors, 25cm IP65		CR003	PSU 24V/150W IP67, Non-dimmable, White, 100-305V supply	
MF033	T shape male and female connector IP65 (the cable length between M/F connectors is 50cm)		XLG-150-24-A	DMX512 signal amplifier IP65 Max extend 400 pixels Each line in physical value	

### Wiring connection



### Application



### Where to use the product?

SUNO FLEX RGBW could perfectly be used in various lighting projects, such as lighting outdoor buildings, making buildings beautiful and be charming in the dark, or promoting new products or services for advertising.

With attractive night color, with bright light color, make our living environment more charming, artistic enjoyment, relax the tense mood and brain of contemporary people. Or in the interior lighting design project, such as redecorating the happy atmosphere of the indoor pool party. Specific automatic code writing function, color change is very smooth, HD display and charming.

# Beamever

## Why our SUNO FLEX RGBW always the priority consideration?

SUNO FLEX RGBW is a very scientific and technological controllable lighting products, from near to far, retain the highly color consistency. The light body is exquisite in appearance, and the material is very durable and dependable, such as UV resistance, chemical corrosion resistance, waterproof, and strong adaptability to different climate changes. DMX512 control system is used to transmit the signal of lights, which perfectly combines the use of science and technology with the design of lighting. In all kinds of buildings, advertising screens, TV walls, amusement park lighting atmosphere, video or motion pictures can be broadcast freely. Very easy to load, very beautiful light and color. Modern architecture can not only be illuminated with a custom light solution, but also be displayed in an attractive way.

This kind of products have moderate size of 38\*14.8\*21.5MM, very strong versatility, atmospheric appearance, and excellent of performance. Be used for various regular or irregular outline delineation, large advertising screen, outdoor landscape lighting source. It can realize dimming, RGB, video playback, and the ambient temperature is - 35 °C to 55 °C . Built in electronic drive, with over temperature overload protection. From far to near the light effect and brightness consistency is very high, color changes delicate, clear, and smooth. Tons of real projects are referring to indicate the series of pixels are super powerful and popular for those big, famous, and extremely impressive lighting-projects.extremely impressive lighting-projects.



**Practical Application:** For instance, in 2009, pixel be applied for the biggest and NO.1 dairy company in China, for their headquarter building, as the HD screen displaying. 16 pixels per meter with total 279040 pixels as the lighting consumption. DMX512 control system, and brought very impressive illuminance. In 2011, the pixel be used for Moscow Telegraph Building, 10 pixels per meter, and 53000 pixels in total. And in 2013, projected in Gui An, Fuzhou, The Ferris Wheel of a theme park. 8 pixels per meter, and 12000 pixels in total. Each of the projects were making the extraordinary success. People just love it, and really enjoy the impressive lighting work.

**Customized Service:**BM always put customers on the very priority of consideration. So, in order to meet various type of needs, expectations, or requirements, there are sort of options are available. For example, people can decide the light color, the approach of installation, the length of open-wire, or the lighting distribution. What's more, every material, design idea, and lighting-everything are totally environment friendly. E.g., nontoxic, odorless, smells good, or recyclable.

**Optical Designing:**Being so strategically to consider about the lighting design. Purpose on maintain the precise of lighting-consistency, increase the rate of luminous flux, or apply the principle of the light refraction to redistribute the side light and peripheral light. To greatly improves the original light distribution structure, reduces glare, and inevitably pollute to the ring. To achieve the close degree of the brightness of the far and near viewing angles, and optimize the light distribution and the actual viewing angle effect. keep on ONE BIN ONLY which better to achieve thecolor-consistency; color tolerance within 2 steps; with no or less of the voltage drop.

**Protection:**IP67 waterproof for preventing any water-series of in-breaking, such as fog, rain, vapour, or other type of water. Anti-UV to maintain the primary-color of light-body. Anti-corrosion to prevent the most type of chemical corrosion. Dust-

## What is the key point here?

BM always put customers the very priority of consideration. So, in order to meet various type of needs, expectations, or requirements, there are sort of options are available. For example, people can decide the light color, the approach of installation, the length of open-wire, or the lighting distribution. What' s more, frees you to plan any inspired design ideas, how many pixels you want to apply for the project, and lighting-everything are totally environment friendly. E.g., nontoxic, odorless, smells good, or recyclable. To achieve the cost-effective, and save your time as the goal.

free stays the pixel with very smooth, and self-clearing function, which could stays the clear and beautiful all the time. Extremely durable and dependable quality, to stay longer lifespan, and provide the great illuminance 24/7.

**Technology:**each pixel contains high-tech of electronic-device inside, also it works very well with control system. For example, to pre-programing the light style, such as design what kind of sentences, pictures, or videos will be played later on. Being precisely of deep-thinker about the lighting control or angle management. For instance, to make the best useful angle design for the lens' s top cover, which could help the light be distributed in more scientific and always maintain people's attention either stay in the far or nearby the building.

**Environment:**Not only for the business, but also, importantly to consider as a long-term development. BM shows their positive attitude and practical-action for join the 'green-group' . For instance, to choose those material with nontoxic, good smells, recyclable, and pollution-free. Decrease the light-pollution and the feeling of dazzle by really careful about the lighting design and angle-adjustment. For more specific, to make the precise change of lens top-cover, or in order to make the best lighting distribution channel.

**Installation:**Multiple choices of installation, for instance, to apply the mounting clips, and punch the hole into the light-container of aluminium profile, then steady lights with clips, and put the finished-goods into the right place of building. Or apply the stainless-wire to make the best of being seamless, which could retain the best consistency of lighting, and not get side effect when there are very long length of lights. Also it could do the best working for fitting either irregular or shaped places. E.g., curved shape of lighting requirement, or other different & unusual shapes.



# Beamever

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