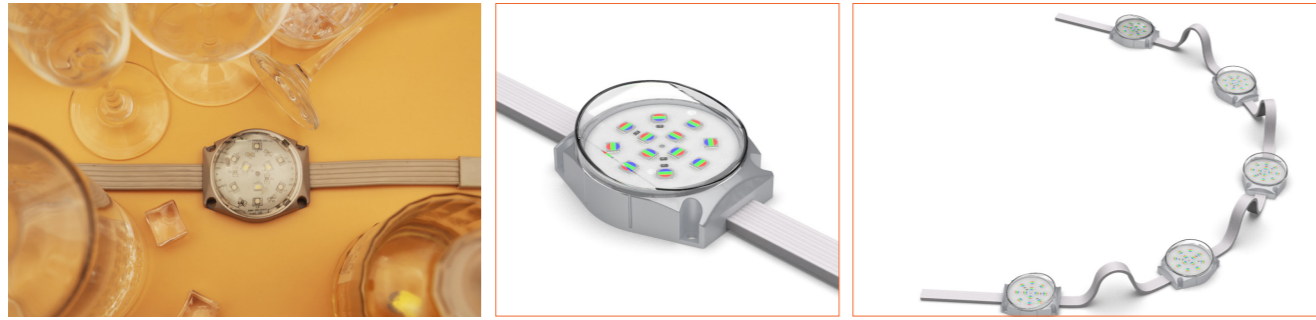


URBO FLEX RGB

Feature of flexible & customized
Super easy of installation
Stay clean of the surface
For both outside and inside

Provide the best illuminance



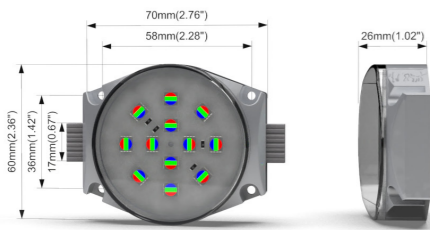


URBO FLEX RGB

- Size with 70*60*26mm, and the constant voltage of 3W & 24V.
- ONE BIN ONLY to control the best lighting effect.
- With fully protective features, e.g., IP67 waterproof.
- Technological of lens design which to make the best lighting distribution.
- Customize service includes such as decide the light color, or installation.

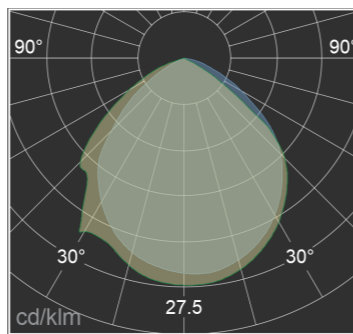
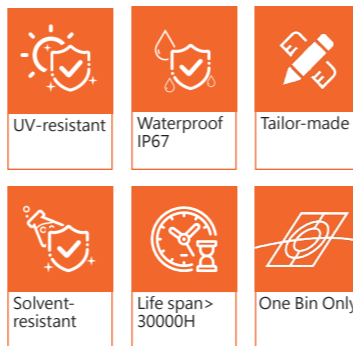
Product Benefits:

- To provide the superb lighting effect, e.g., flawless lighting quality.
- Good quality of material with trustful and durable.
- Suitable various different conditions, e.g., dry, or wet, or etc.



Electrical data

Voltage	DC24V (23.5V _{min} 24.5V _{max})
LED/Node	12
LED Type	CREE 3535 RGB
Lumen Efficiency	19
Beam Angle	100
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	12	1	4
G	36	1	4
B	8	1	4
RGB	56	3	4

Important notice

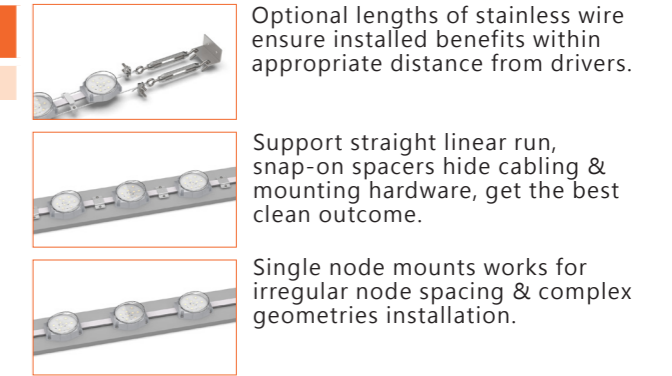
- The given data are typical values due to the tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.
- The given color temperature is finished product color temperature.
- Max run length refer to single side feed in serial connection based on 4 Nodes/m.



Order code

SERIES NAME	COLOR	NODE/M	LENGTH	POWER
UFRGB	RGB	04=4Node/M	08000=8M	300=3W

Typical mounting



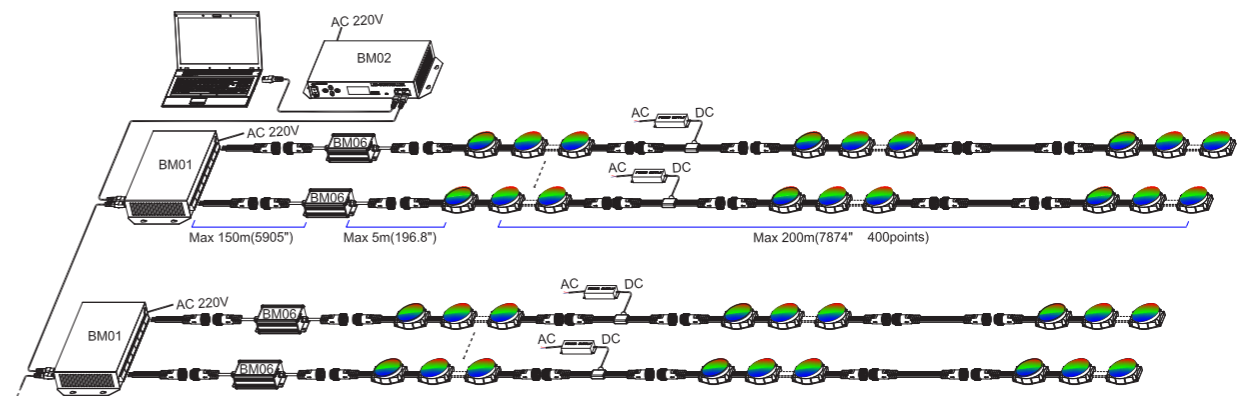
Eg: UFRGB - 04 - 08000 - 300: URBO FLEX RGB, 4 nodes/m, 8m, 3W/ node.

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	
SC011	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	DMX512 signal amplifier IP65 Max extend 400 pixels Each line in physical value	
MF033	T shape male and female connector IP65 (the cable length between M/F connectos is 50cm)		XLG-150-24-A	PSU 24V/150W IP67, Non-dimmable, White, 100-305V supply	

Wiring connection



Application



Where to use the product?

SUNO FLEX RGB perfectly can be used in various lighting projects, such as lighting outdoor buildings, making buildings beautiful and charming in the dark, or promoting new products or services for advertising. With advanced-control technology, it can be flexibly combined into LED advertising screens with different lighting needs.

To make our living environment more charming, artistic enjoyment, relax the tense mood and brain of contemporary people. At the interior lighting design project, such as redecorating the happy atmosphere of the indoor pool party.

Why our URBO FLEX RGB always the priority consideration?

SUNO FLEX RGB is a very scientific and technological controllable lighting products, from near to far, retain the highly color consistency. The light body is exquisite of 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.

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 the color-consistence; color tolerance within 2 steps; with no or less of the voltage drop.



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 puts 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.

Color: Multiple choices of color, such as light blue, deep red, bright yellow, or lavender-purple. To seek the matchless beauty and external qualities by many important approaches, e.g., maintain the lowest color-tolerance, ONE-BIN-ONLY, superb lighting by adjustment of lens, considers the angle of horizontal and vertical angles. The color change is very fluent, HD clear and beautiful in different visual angles, near of far. Maintain the very highly-vision of presenting.

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-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-programming the light style, such as design what kind of sentences, pictures, or videos will be play 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, in order to make the best lighting distribution channel.

What is the key point here?

Not only for the business, but also, importantly to consider the 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, in order to make the best lighting distribution channel.

