

## URBO FLEX RGBW

Apply high-end quality  
Extremely flexible and durable  
Very easily install and set-up  
For both inside and outside

ONE BIN ONLY color-consistency



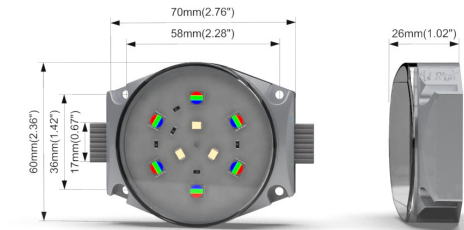


URBO FLEX RGBW

- Size with 70\*60\*26mm, and with constant voltage of 3W &24V.
- WHT color range choices from 2700K to 6000K.
- ONE BIN ONLY in color-consistency.
- High-quality material with Anti-UV, waterproof, being extremely durable.
- DMX512 control system which works well between devices and lights.
- Installation available of mounting clips, stainless-wire, or aluminum profile.

Product Benefits:

- 24/7 provides the superb lighting outcome.
- Very durable, dependable, and fit with various conditions.
- Maintain the color-consistency without the color difference.



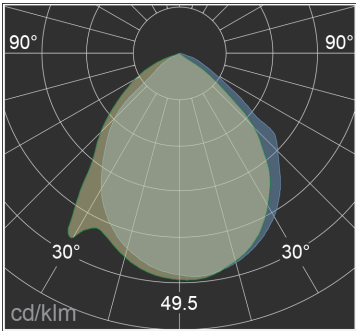
Electrical data

Voltage	DC24V (23.5V <sub>min</sub> , 24.5V <sub>max</sub> )
LED/Node	9 (6CREE 3535 RGB + 3LUMILEDS 2835 White)
LED Type	CREE 3535 RGB + LUMILEDS 2835 White
Lumen Efficiency	30
Beam Angle	92
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	32	0.75	4
G	23	0.75	4
B	6	0.75	4
W27	48	0.75	4
W40	56	0.75	4
RGBW40	99	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
UFRGBW	27= 2700K 40= 4000K	04=4Node/M	08000=8M	300=3W

Typical mounting



Optional lengths of stainless wire ensure installed benefits within appropriate distance from drivers.



Support straight linear run, snap-on spacers hide cabling & mounting hardware, get the best clean outcome.



Single node mounts works for irregular node spacing & complex geometries installation.

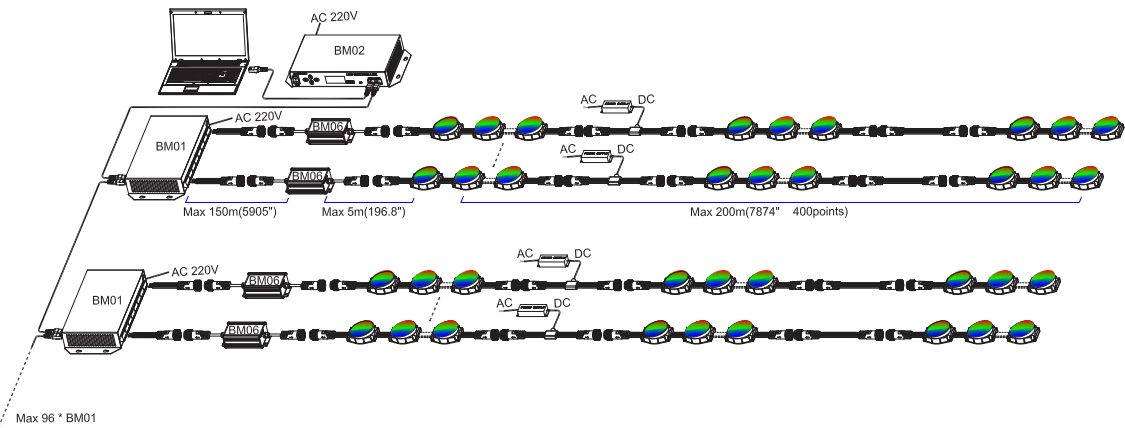
Eg: UFRGBW27 - 4 - 08000 - 300: URBO FLEX RGBW, W=2700K, 4 nodes/m, 8m, 3W/node.

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?

URBO FLEX RGBW could be applied for both inside and outside architectural plans. Depending on the different needs, the customized services could provide a lot of help. Such as set up the light in different locations, such as the outside of hotel, to rebuild lighting of the beautiful bridge, other type of irregular places.

Also URBO FELX RGBW really suitable for those harsh environments, such as too dry, too wet, or nearby the sea. By using the advanced technology, e.g., the DMX512 control system to make everything easier and better to apply, which might include the function of combination between lighting and control system.



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

URBO FLEX RGBW with professional lighting-angle design, e.g., be really consideration about the light be distributed from either horizontal and vertical degree. To do the best of durability and flexibility. Perfectly fit with those irregular-shape, various temperatures places. Very easy and fast installation, e.g, could apply stainless-wire, aluminum profile, screws, or copper-wire. To play the video or images in the building surface, very fluent exhibit and HD screen display. It could be the top 3 choices of your lighting showcase- project. For example, 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.

**Optical Designing:**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 redistributed the side light and peripheral light. To greatly improves the original lighting-distribution channel 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-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-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.

## 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.

**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 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 peoples attention either stay in 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.



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