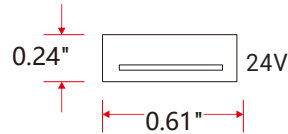# Aqueon® Flat RGB & RGBW





0.24" | 24V
0.61"

A new standard of flexible light; superior standards new materials, new methods, military grade components and advanced circuit design to create a flood proof; vibration proof seamless light. Our constant current design ensures to maintain a full illumination in continuous lengths up to 49ft. IP67 connections. Premium Nichia LEDs. Single bin for accurate color rendering, minimal color shift and exceptional color consistency, with a CRI of 95. Full dimmable.

- Wet Location; UL Listed, 1598

- Vertical Bending

- End to end continuous illumination

- Up to 49.2ft continuous runs

- Cuttable every 3.25"

- Static RGB and RGBW options

- RGBW's White LED is available in 2700K, 3000K and 4000K

- 2" minimum bending diameter; 1" minimum bending radius

- 3 year limited warranty; 50,000hrs white, 100,000hrs color

- Dimmable with Pulse Width Modulation & DMX

- UV/IR protected PVC encapsulation

- Ambient working temperature -4°F - 113°F

## PART NUMBER & SPECIFICATIONS

Vertical Bending Model



| Part # | CCT | Max. Length | LEDs/ft | Lm/ft | W/ft |
|---|---|---|---|---|---|
| 051629 | RGB | 49.2 ft | 18 | 53.4 | 1.83 |
| 051630 | RGBW-27K | 49.2 ft | 18 | 89.2 | 2.4 |
| 051631 | RGBW-30K | 49.2 ft | 18 | 89.2 | 2.4 |
| 051632 | RGBW-40K | 49.2 ft | 18 | 89.2 | 2.4 |

## ORGANIC LIGHTING®

| Project |
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| Type |
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## ACCESSORIES

Factory assembled LED strips offer a variety of IP67 connectors with customizable cord lengths. See pg 2.

## MOUNTING

Various plastic, aluminum and stainless steel mounting options. See pg 3.

## POWER SUPPLIES

24V DC Power Supplies ranging from 25W-300W.



**ELV 0-10V; IP20, 120-277V**
25W #011380
40W #011381
**ELV 0-10V; IP67, 120-277V**
60W  #011382
75W  #011383
100W #011384



**Magnetic 0-10V; IP67, 120V**
20W #011350
40W #011351
50W #011352
60W #011353
96W #011354
100W #011355
150W #011356
200W #011357
300W #011358
**Magnetic 0-10V;  IP67,  277V**
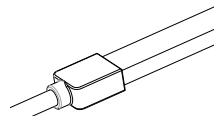60W  #011359
150W #011360



Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

# Aqueon® Flat RGB & RGBW

| Project |
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## CONNECTORS & ACCESSORIES

Factory assembled 4-wired Aqueon RGB and 5-wire RGBW IP67 submersible accessories include end caps, extension cords and connectors with customizable cord lengths. IP67 self assembly connectors are also available.
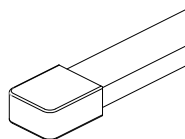
### Factory Assembled IP67 Connectors

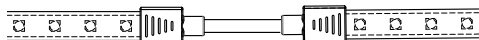**RGB End Connector, 16'L**
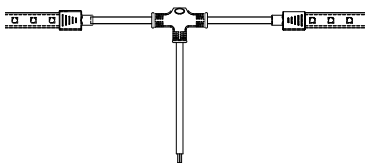#051655-CU16

**RGBW End Connector, 16'L**
#051652-CU16

**End Cap**
#051686

**RGB Extension**
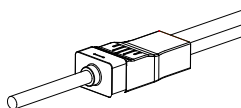#051653

**RGBW Extension**
#051665

**RGB T-Connector**
#051664

**RGBW T-Connector**
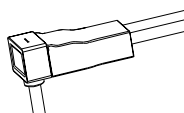#051666

### Field Assembly Snap on IP67 Connectors

**RGB End Snap Connector, 16'L**
#051655S-CU16

**RGBW End Snap Connector, 16'L**
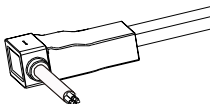#051600S-CU16

**RGB Bottom Snap Connector, 16'L**
#051668-CU16

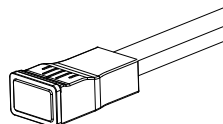**RGBW Bottom Snap Connector, 16'L**
#051668-CU16

**RGB Side Snap Connector, 16'L**
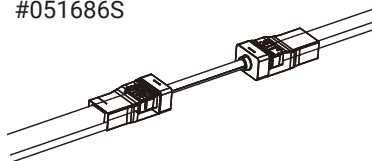#051682S-CU16

**RGBW Side Snap Connector, 16'L**
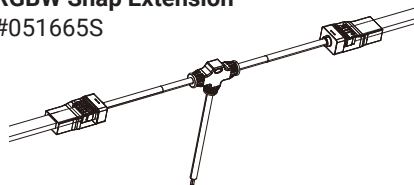#051601S-CU16

**Snap End Cap**
#051686S

**RGB Snap Extension**
#051653S

**RGBW Snap Extension**
#051665S

**RGB Snap T-Connector**
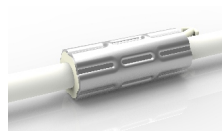#051664S

**RGBW Snap T-Connector**
#051666S

## ANTI-WICKING

All connections include a ferrule on the power feed to prevent water wicking through the connection point.

## CONTROLLERS

RGB/RGBW DMX/Dali/0-10V Control, 4 control channels.

**Digital Controller**
100W #011343
180W #011344
720W #011345

**Digital Controller & Power Supply Combination**
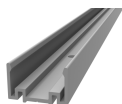100W #011341

IP68  RoHS 2002/95/EC  UL

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# Aqueon® Flat RGB & RGBW

**ORGANIC LIGHTING®**

| Project |
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## MOUNTING

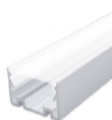PET and Aluminum mounting channels to match any installation.

**Aluminum Channel**



- High-quality Aluminum
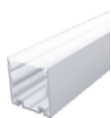- Light-weight
- Cost-Effective

3'3"L - #051694

**Clear Lensed Channel, 1/2" H**



- Light-weight
- Easy to Install & Dismantle
- 1/2" High, 3/4" available
- Clear lens, frosted lens available.

3'3"L - #051695

**Clear Lensed Channel, 3/4" H**



- Light-weight
- Easy to Install & Dismantle
- 3/4" High, 1/2" available
- Clear lens, frosted lens available.

3'3"L - #051696

**Frosted Lensed Channel, 1/2" H**



- Light-weight
- Easy to Install & Dismantle
- 1/2" High, 3/4" available
- Frosted lens, clear lens available.

3'3"L - #051697

**Frosted Lensed Channel, 3/4" H**



- Light-weight
- Easy to Install & Dismantle
- 3/4" High, 1/2" available
- Clear lens, frosted lens available.
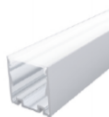
3'3"L - #051698

IP68  RoHS 2002/95/EC  UL

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