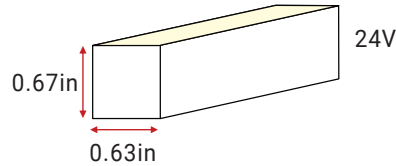


# Aqueon® Diffuse RGB & RGBW



Structurally superior for the most discerning applications, submersible; flood and vibration proof. Advanced circuit design with military grade components. Aqueon RGB & RGBW, color mixing, used to create custom effects for any application. Available in both vertical and horizontal bending. IP67 or IP68-tested for use in the most adverse environment. Premium Nichia LEDs for accurate color rendering, and exceptional color consistency. Fully dimmable.

- Submersible; UL Listed, 676
- Horizontal or Vertical bending options
- End to end continuous illumination
- Up to 49.2ft continuous runs for RGB and 33ft for RGBW. Flood and vibration proof
- Cuttable every 3.28"
- Static RGB and RGBW options
- RGBW's White LED is available in 2700K, 3000K and 4000K
- 11.8" minimum bending diameter; 5.5" minimum bending radius
- 12 year limited warranty; 50,000hrs white, 100,000hrs color
- Dimmable Pulse Width Modulation & DMX
- UV/IR protected PVC encapsulation
- Ambient working temperature -4°F - 113°F

## PART NUMBER & SPECIFICATIONS

	Part #	CCT	Max. Length	LEDs/ft	Lm/ft	W/ft
Horizontal Bending Model	052245	RGB	49.2ft	22	45.7	1.83
	052265	RGBW-27K	33ft	25	74.7	2.74
	052273	RGBW-30K	33ft	25	74.7	2.74
	052282	RGBW-40K	33ft	25	74.7	2.74
Vertical Bending Model	052235	RGB	49.2ft	22	45.7	1.83
	052264	RGBW-27K	33ft	25	74.7	2.74
	052271	RGBW-30K	33ft	25	74.7	2.74
	052281	RGBW-40K	33ft	25	74.7	2.74

## ORGANIC LIGHTING®

Project

Type

Date

## ACCESSORIES

Factory assembled LED strips offer a variety of IP68 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



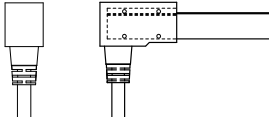
Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

# Aqueon® Diffuse RGB & RGBW

## CONNECTORS & ACCESSORIES

Factory assembled 4-wired Aqueon RGB and 5-wired RGBW IP68 submersible accessories include end caps, extension cords and connectors with customizable cord lengths. IP67 self assembly connectors are also available.

### Factory Assembled IP68 Connectors

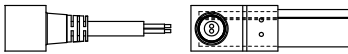


**RGB Bottom Feed Connector, 16'L**

#052253-CU16

**RGBW Bottom Feed Connector, 16'L**

#052260-CU16

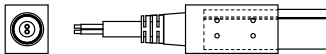


**RGB Side Feed Connector, 16'L**

#052254-CU16

**RGBW Side Feed Connector, 16'L**

#052261-CU16

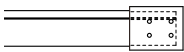


**RGB End Connector, 16'L**

#052252-CU16

**RGBW End Connector, 16'L**

#052259-CU16



**End Cap**

#052286

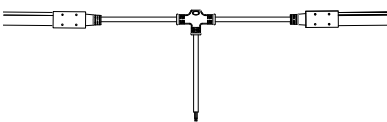


**RGB Extension**

#052274

**RGBW Extension**

#052275



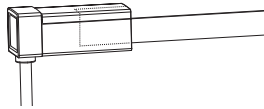
**RGB T-Connector**

#052276

**RGBW T-Connector**

#052277

### Field Assembly Snap on IP67 Connectors

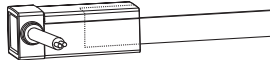


**RGB Bottom Snap Connector, 16'L**

#052253S-CU16

**RGBW Bottom Snap Connector, 16'L**

#052260S-CU16

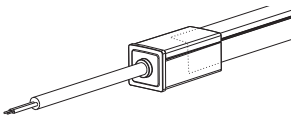


**RGB Side Feed Snap Connector, 16'L**

#052254S-CU16

**RGBW Side Feed Snap Connector, 16'L**

#052261S-CU16

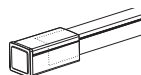


**Pixel End Snap Connector, 16'L**

#052252S-CU16

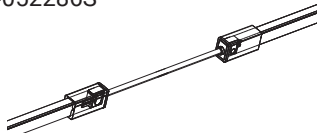
**Pixel End Snap Connector, 16'L**

#052259S-CU16



**Snap End Cap**

#052286S

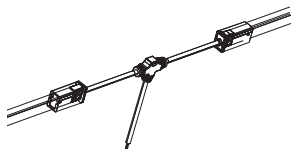


**RGB Snap Extension**

#052274S

**RGBW Snap Extension**

#052275S



**RGB Snap T-Connector**

#052276S

**RGBW Snap T-Connector**

#052277S

## ORGANIC LIGHTING®

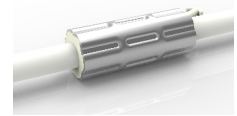
Project

Type

Date

## 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



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® Diffuse RGB & RGBW

## MOUNTING

PET and Aluminum mounting channels to match any installation.

Project

Type

Date

### Aluminum Channel



- High-quality Aluminum
- Light-weight
- Cost-Effective
- Available with a Flange for Recessed Installation

3'3"L - #053000  
1.38"L - #053001

### Flanged Aluminum Channel



- High-quality Aluminum
- Light-weight
- Cost-Effective
- Flange for Recessed Installation

3'3"L - #053002  
1.38"L - #053003

### Serrated Aluminum Channel



- Light-weight
- Easy to Install & Dismantle
- Continuous & Strong Gripping
- For Suspended Installations
- Available with a Flange for Recessed Installation

3'3"L - #053008  
0.8"L - #053009

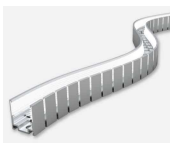
### Flanged Serrated Aluminum Channel



- Light-weight
- Easy to Install & Dismantle
- Continuous & Strong Gripping
- Flange for Recessed Installation

3'3"L - #053010  
0.8"L - #053011

### Bendable Serrated Aluminum Channel



- High-quality Aluminum
- Easy to Install & Dismantle
- Continuous & Strong Gripping
- Memory Retaining
- Perfect for Curved Installations

3'3"L - #053012  
1.7"L - #053013

### Hybrid Channel



- Flexible with a rigid base
- PET & Aluminum

3'3"L - #053006  
1.38"L - #053007

### PET Channel



- Corrosion proof for Submersion Resistance
- Light-weight easily cuttable

3'3"L - #053004  
1.38"L - #053005



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.