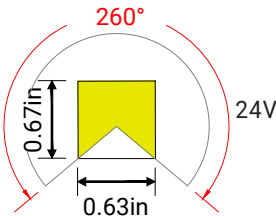
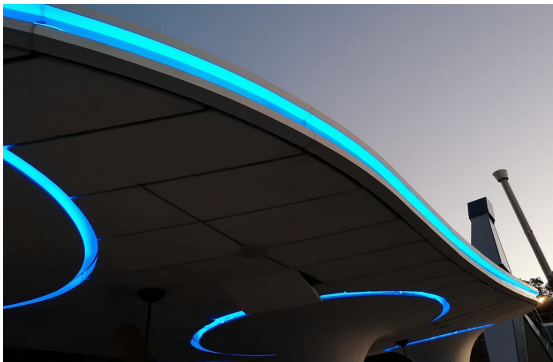


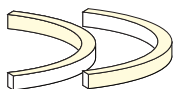
# Aqueon® 3D Diffuse RGB



Aqueon 3D achieves the impossible. Up to 49ft of low glare three sided perfectly diffused illumination with consistent light intensity on all three sides. Structurally superior for the most discerning applications, submersible; flood and vibration proof. Advanced circuit design with military grade components. Aqueon RGB color mixing, used to create custom effects for any application. IP67 or IP68-tested for use in the most adverse environment. Premium Nichia LEDs for accurate color rendering, and exceptional color consistency.

- Submersible; UL Listed, 2108
- 260° diffused illumination with no visible LEDs
- End to end continuous illumination
- Up to 49.2ft continuous runs; Flood and vibration proof
- Cuttable every 3.25"
- Static RGB
- Ultra low energy; 1.8W/ft
- 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
053045	RGB	49.2ft	22	45.7	1.83

## 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



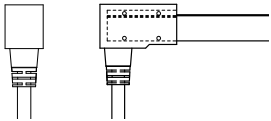
Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

# Aqueon® Diffuse RGB

## CONNECTORS & ACCESSORIES

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

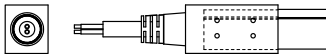
### Factory Assembled IP68 Connectors



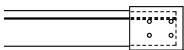
**RGB Bottom Feed Connector, 16'L**  
#052253-CU16



**RGB Side Feed Connector, 16'L**  
#052254-CU16



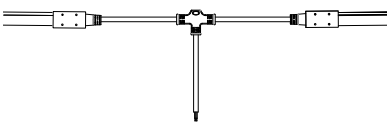
**RGB End Connector, 16'L**  
#052252-CU16



**End Cap**  
#052286

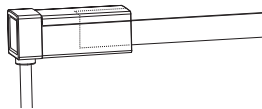


**RGB Extension**  
#052274

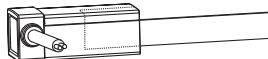


**RGB T-Connector**  
#052276

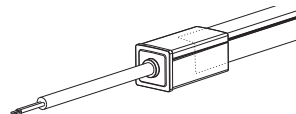
### Field Assembly Snap on IP67 Connectors



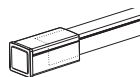
**RGB Bottom Snap Connector, 16'L**  
#052253S-CU16



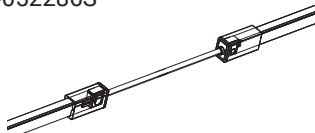
**RGB Side Feed Snap Connector, 16'L**  
#052254S-CU16



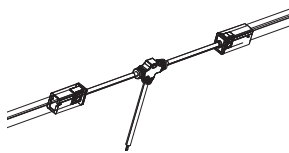
**Pixel End Snap Connector, 16'L**  
#052252S-CU16



**Snap End Cap**  
#052286S



**RGB Snap Extension**  
#052274S



**RGB Snap T-Connector**  
#052276S

ORGANIC LIGHTING®

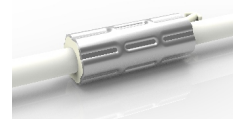
Project

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



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# Aqueon® 3D Diffuse RGB

## MOUNTING

PET and Aluminum mounting channels to match any installation.

### 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

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Project

Type

Date



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