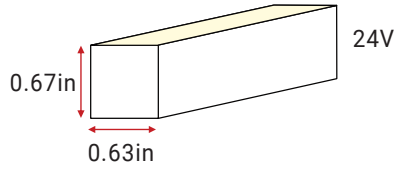


# Aqueon® Diffuse Tunable White

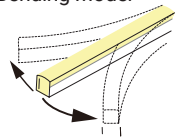


White tuning allows for changing color of light from warm to neutral to cool for a desirable range in aesthetic. A new standard of flexible light; superior standards new materials, new methods, military grade components and advanced circuit design to create a flood proof; vibration proof seamless light. Our constant current design ensures to maintain a full illumination in continuous lengths up to 49ft. Available in both vertical and horizontal bending. IP67 or IP68 submersible. Premium Nichia LEDs. Single bin for accurate color rendering, minimal color shift and exceptional color consistency, with a CRI of 95.

- Submersible; UL Listed, 676
- Horizontal or Vertical bending options
- End to end continuous illumination
- Up to 49.2ft continuous runs; Flood and vibration proof
- Cuttable every 3.28"
- White Tuning ranging from 2200K to 5700K
- 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 with Pulse Width Modulation & DMX
- UV/IR protected PVC encapsulation
- Ambient working temperature -4°F - 113°F

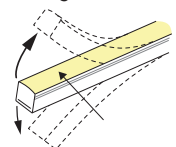
## PART NUMBER & SPECIFICATIONS

Horizontal Bending Model



Part #	CCT	Max. Length	LEDs/ft	Lm/ft	W/ft
052228	2200-5700K	49.2 ft	44	55	1.83

Vertical Bending Model



Part #	CCT	Max. Length	LEDs/ft	Lm/ft	W/ft
052227	2200-5700K	49.2 ft	44	55	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



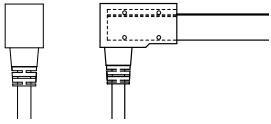
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# Aqueon® Diffuse Tunable White

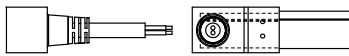
## CONNECTORS & ACCESSORIES

Factory assembled 3-wired Aqueon Tunable White IP68 submersible accessories include end caps, extension cords and connectors with customizable cord lengths. IP67 self assembly connectors are also available.

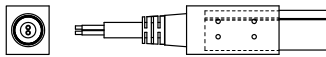
### Factory Assembled IP68 Connectors



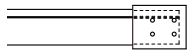
**Bottom Feed Connector, 16'L**  
#052262-CU16



**Side Feed Connector, 16'L**  
#052266-CU16



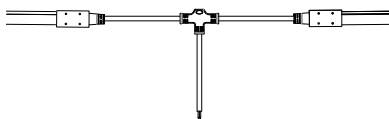
**End Connector, 16'L**  
#052267-CU16



**End Cap**  
#052286

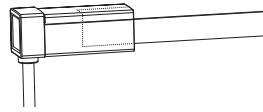


**Extension**  
#052268

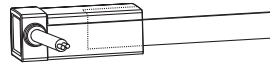


**T-Connector**  
#052269

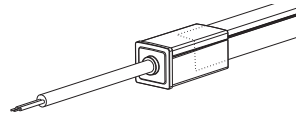
### Field Assembly Snap on IP67 Connectors



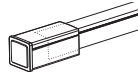
**Bottom Snap Connector, 16'L**  
#052262S-CU16



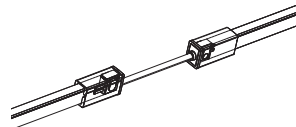
**Side Feed Snap Connector, 16'L**  
#052266S-CU16



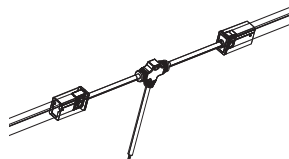
**End Snap Connector, 16'L**  
#052267S-CU16



**Snap End Cap**  
#052286S



**Snap Extension**  
#052268S



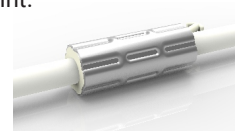
**Snap T-Connector**  
#052269S

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® Diffuse Tunable White

## 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

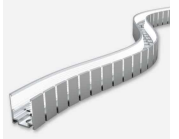
### Flanged Serrated Aluminum Channel



- 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

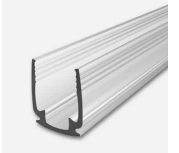
### Hybrid Channel



- 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



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