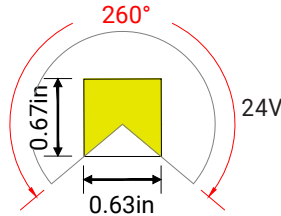
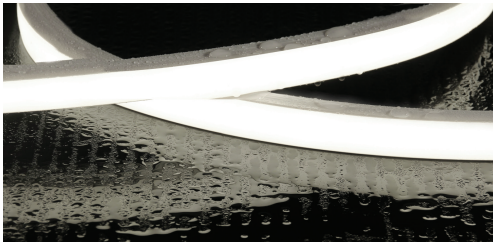


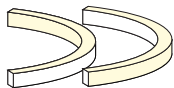
## Aqueon® 3D Diffuse Mono



Aqueon 3D achieves the impossible. Up to 49ft of low glare three sided perfectly diffused illumination with consistent light intensity on all three sides. Enabling unique decorative applications as well as direct and indirect illumination from a single source. IP67 or IP68 submersible UV and chemical resistant encapsulation. Premium Nichia LEDs with 3 step MacAdam CCT (Single bin) for accurate color rendering, minimal color shift and exceptional color consistency. Premium color rendition with a CRI of 95. Fully dimmable. With all the mechanical and circuit design advances of the Aqueon family, 3D Aqueon provides world class superiority and a more flexible lighting solution for your creativity.

- 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 2" (White, Green, Blue) & 3.25" (Red, Amber)
- 2200K, 2700K, 3000K, 3500K, 4000K, 5700K, Red, Green, Blue and Wildlife Amber options available
- Ultra low energy; 1.8W/ft
- 11.8" minimum bending diameter; 5.5" 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



| Part # | CCT   | Max. Length | LEDs/ft | Lm/ft | W/ft |
|--------|-------|-------------|---------|-------|------|
| 053028 | 2200K | 49.2 ft     | 32      | 171   | 2.74 |
| 053029 | 2700K | 49.2 ft     | 32      | 171   | 2.74 |
| 053030 | 3000K | 49.2 ft     | 32      | 182.9 | 2.74 |
| 053031 | 3500K | 49.2 ft     | 32      | 182.9 | 2.74 |
| 053032 | 4000K | 49.2 ft     | 32      | 182.9 | 2.74 |
| 053033 | 5700K | 49.2 ft     | 32      | 182.9 | 2.74 |
| 053040 | Red   | 49.2 ft     | 32      | 59.5  | 1.83 |
| 053041 | Green | 49.2 ft     | 32      | 182.9 | 2.74 |
| 053042 | Blue  | 49.2 ft     | 32      | 20.6  | 2.74 |
| 053043 | Amber | 49.2 ft     | 32      | 59.5  | 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



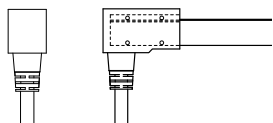
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# Aqueon® 3D Diffuse Mono

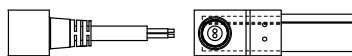
## CONNECTORS & ACCESSORIES

Factory assembled 2-wired Aqueon Mono IP68 submersible accessories include end caps, extension cords and connectors with customizable cord lengths. IP67 self assembly connectors are also available.

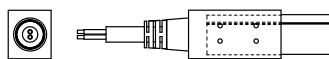
### Factory Assembled IP68 Connectors



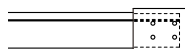
**Bottom Feed Connector, 16'L**  
#052250-CU16



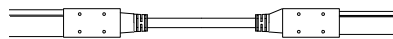
**Side Feed Connector, 16'L**  
#052263-CU16



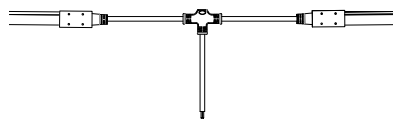
**End Connector, 16'L**  
#052278-CU16



**End Cap**  
#052286

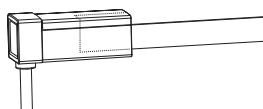


**Extension**  
#052279

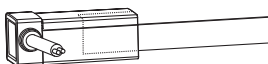


**T-Connector**  
#052280

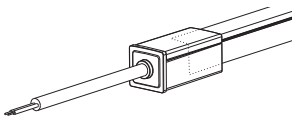
### Field Assembly Snap on IP67 Connectors



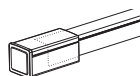
**Bottom Snap Connector, 16'L**  
#052250S-CU16



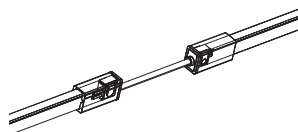
**Side Feed Snap Connector, 16'L**  
#052263S-CU16



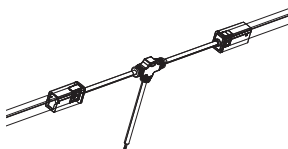
**End Snap Connector, 16'L**  
#052278S-CU16



**Snap End Cap**  
#052286S



**Snap Extension**  
#052279S



**Snap T-Connector**  
#052280S

ORGANIC LIGHTING®

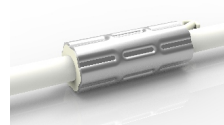
Project

Type

Date

## ANTI-WICKING

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



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# Aqueon® Diffuse Mono

## MOUNTING

PET and Aluminum mounting channels to match any installation.

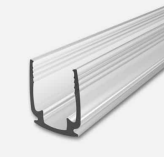
### Hybrid Channel



- 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

Project

Type

Date



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