Aqueon® 3D Diffuse Mono

260°

0.67in

0.63in

24V

Project

Type

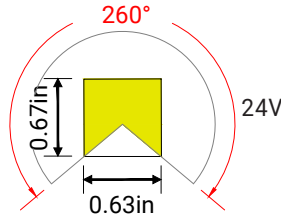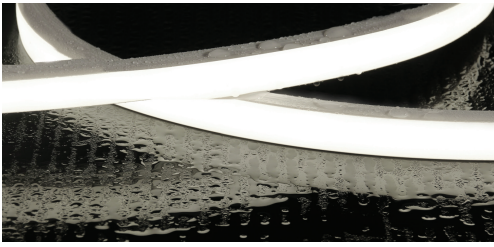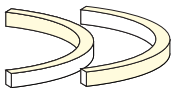**Date**

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
- 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

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

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

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.
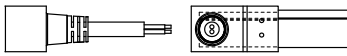
Aqueon® 3D Diffuse Mono

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.

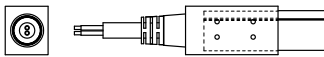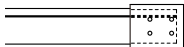| Project |
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Type

Date

Factory Assembled IP68 Connectors
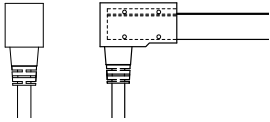
Bottom Feed Connector, 16'L
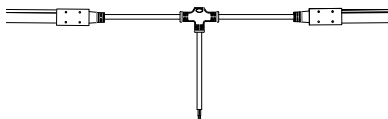#052250-CU16

Side Feed Connector, 16'L
#052263-CU16

End Connector, 16'L
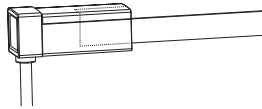#052278-CU16

End Cap
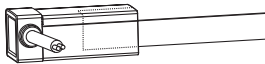#052286
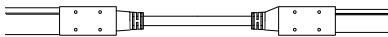
Extension
#052279
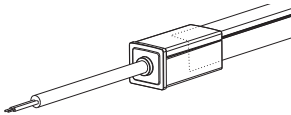
T-Connector
#052280

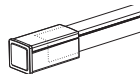### Field Assembly Snap on IP67 Connectors

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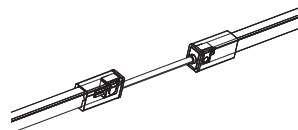#052250S-CU16

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

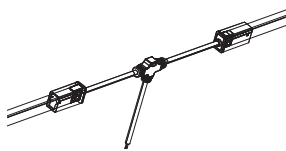**End Snap Connector, 16'L**
#052278S-CU16

Snap End Cap
#052286S

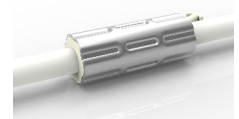**Snap Extension**
#052279S

Snap T-Connector
#052280S

ANTI-WICKING

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

IP68 RoHS 2002/95/EC UL

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MOUNTING

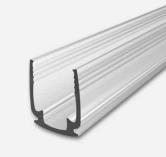PET and Aluminum mounting channels to match any installation.

Hybrid Channel

- Flexible with a rigid base
- PET & Aluminum

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

PET Channel

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

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

Organic Lighting | 12203 Magnolia Avenue, Suite 1, Riverside CA 92503 | 626.969.6140 | www.organiclighting.com | 06/2021

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