Aqueon® Flat Mono

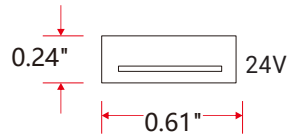| Project |
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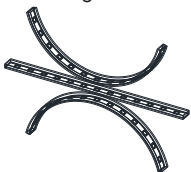| Type |
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Date

0.24" 24V
0.61"

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. IP67 connections. Premium Nichia LEDs. Single bin for accurate color rendering, minimal color shift and exceptional color consistency, with a CRI of 95. Full dimmable.

- Wet Location; UL Listed, 1598

- Vertical Bending

- End to end continuous illumination

- Up to 49.2ft continuous runs

- Cuttable every 3.25" (White, Green, Blue) & 4.9"(Red, Amber)

- 2200K, 2700K, 3000K, 3500K, 4000K, 5700K, Red, Green, Blue and Wildlife Amber options available

- 2" minimum bending diameter; 1" 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

ACCESSORIES

Factory assembled LED strips offer a variety of IP67 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

Vertical Bending Model

| Part #	CCT	Max. Length	LEDs/ft	Lm/ft	W/ft
051609	2200K	49.2 ft	22	106.7	1.83
051610	2700K	49.2 ft	22	122	1.83
051611	3000K	49.2 ft	22	122	1.83
051612	3500K	49.2 ft	22	137.2	1.83
051613	4000K	49.2 ft	22	137.2	1.83
051615	5700K	49.2 ft	22	122	1.83
051614	6500K	49.2 ft	22	122	1.83
051616	Red	49.2 ft	22	33.5	1.22
051617	Green	49.2 ft	22	83.8	1.83
051618	Blue	49.2 ft	22	16.8	1.83
051619	Amber	49.2 ft	22	33.5	1.22

IP68 RoHS 2002/95/EC UL

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.
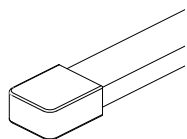
Aqueon® Flat Mono

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CONNECTORS & ACCESSORIES

Factory assembled 2-wired Aqueon Mono end caps, extension cords and connectors self assembly connectors are also available. IP67 submersible accessories include with customizable cord lengths. IP67
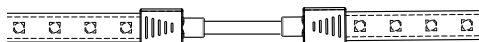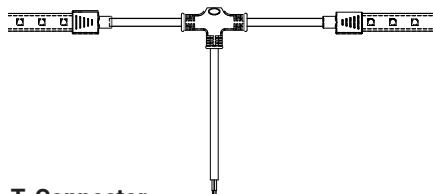
Factory Assembled IP67 Connectors
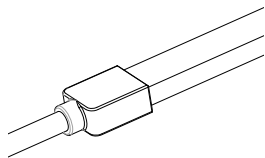
End Connector, 16'L
#051650-CU16
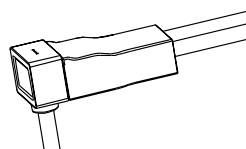

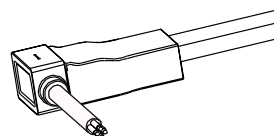**End Cap**
#051686

Extension
#051660

T-Connector
#051661

Field Assembly Snap on IP67 Connectors
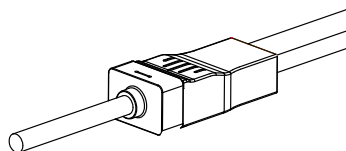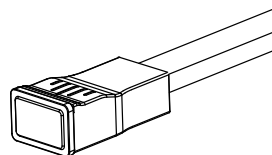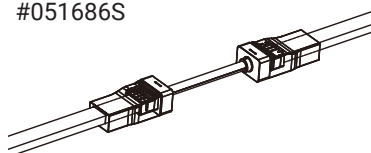

End Snap Connector, 16'L
#051650S-CU16

Bottom Snap Connector, 16'L
#051668S-CU16

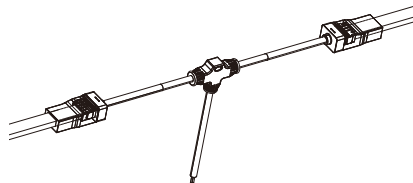**Side Snap Connector, 16'L**
#051669S-CU16

Snap End Cap
#051686S
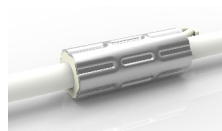

Snap Extension
#051660S

Snap T-Connector
#051661S

ANTI-WICKING

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


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Organic Lighting | 12203 Magnolia Avenue, Suite 1, Riverside CA 92503 | 626.969.6140 | www.organiclighting.com | 06/2021 V2

Aqueon® Flat Mono

MOUNTING

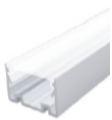PET and Aluminum mounting channels to match any installation.

Aluminum Channel
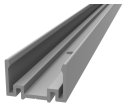
- High-quality Aluminum
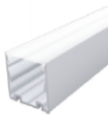- Light-weight
- Cost-Effective

3'3"L - #051694

Clear Lensed Channel, 1/2" H

- Light-weight
- Easy to Install & Dismantle
- 1/2" High, 3/4" available
- Clear lens, frosted lens available.
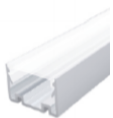
3'3"L - #051695

Clear Lensed Channel, 3/4" H

- Light-weight
- Easy to Install & Dismantle
- 3/4" High, 1/2" available
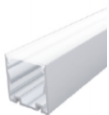- Clear lens, frosted lens available.

3'3"L - #051696

Frosted Lensed Channel, 1/2" H

- Light-weight
- Easy to Install & Dismantle
- 1/2" High, 3/4" available
- Frosted lens, clear lens available.

3'3"L - #051697

Frosted Lensed Channel, 3/4" H

- Light-weight
- Easy to Install & Dismantle
- 1/2" High, 3/4" available
- Clear lens, frosted lens available.

3'3"L - #051698

ORGANIC LIGHTING®

Project

Type

Date

IP68 RoHS 2002/95/EC UL