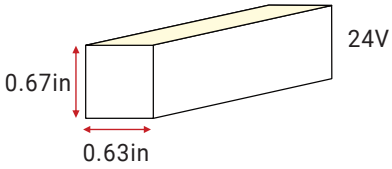
Aqueon® Diffuse Tunable White

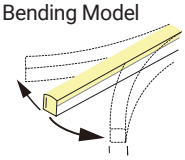


White tuning allows for changing color of light from warm to neutral to cool for a desirable range in aesthetic. A new standard of flexible light; superior standards new materials, new methods, military grade components and advanced circuit design to create a flood proof; vibration proof seamless light. 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

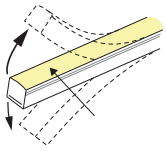
PART NUMBER & SPECIFICATIONS

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

IP68 RoHS UL

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Aqueon® Diffuse Tunable White

ORGANIC LIGHTING®

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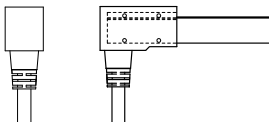
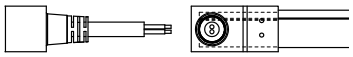
CONNECTORS & ACCESSORIES

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.

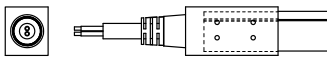
Factory Assembled IP68 Connectors



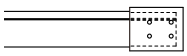
Bottom Feed Connector, 16'L
#052262-CU16



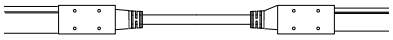
Side Feed Connector, 16'L
#052266-CU16



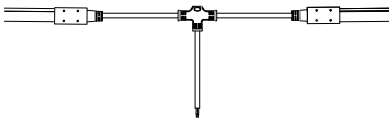
End Connector, 16'L
#052267-CU16



End Cap
#052286

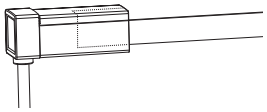


Extension
#052268

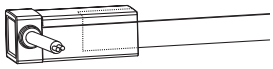


T-Connector
#052269

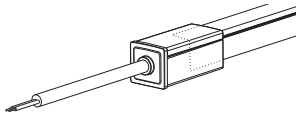
Field Assembly Snap on IP67 Connectors



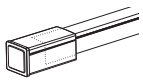
Bottom Snap Connector, 16'L
#052262S-CU16



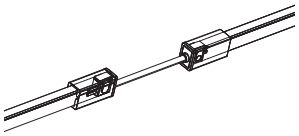
Side Feed Snap Connector, 16'L
#052266S-CU16



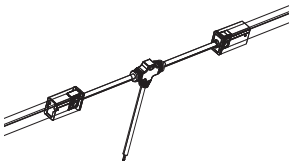
End Snap Connector, 16'L
#052267S-CU16



Snap End Cap
#052286S



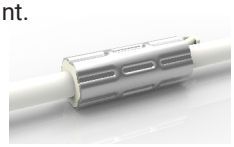
Snap Extension
#052268S



Snap T-Connector
#052269S

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

IP68 RoHS UL

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ORGANIC LIGHTING®

Project

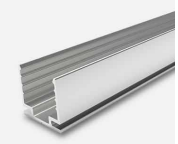
Type

Date

MOUNTING

PET and Aluminum mounting channels to match any installation.

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

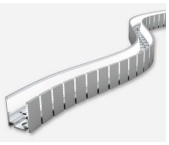
3'3"L - #053008
0.8"L - #053009

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

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

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

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