Aqueon® Flat Tunable White - 24V DC

ORGANIC LIGHTING®
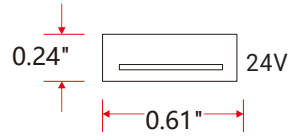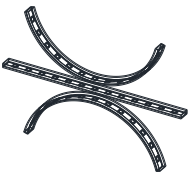
A new standard of flexible light; superior standards new materials, new methods, military grade components and advanced circuit design to create a flood proof; vibration proof seamless light. Our constant current design ensures to maintain a full illumination in continuous lengths up to 49ft. IP67 connections. 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 LED is available in 2700K, 3000K and 4000K
- 2" minimum bending diameter; 1" 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

0.24"   24V   0.61"

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 #	Color	Max length	LEDs/ft	lm/ft	W/ft
051640	2200-5700K	49.2ft	44	54.1	1.83

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.

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CONNECTORS & ACCESSORIES

Aqueon Tuneable White IP67 accessories include end caps, extension cords and connectors with customizable cord lengths. Snap accessories are field installable. *For specifying cord lengths add CU + cord length to the end of your part number.*
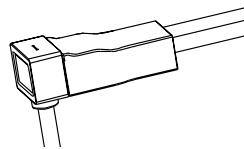
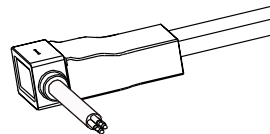### Factory Assembled IP67 Connectors

Project

Type

Date
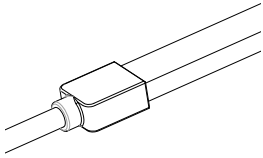
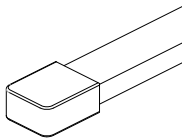**End Connector, 16'L**
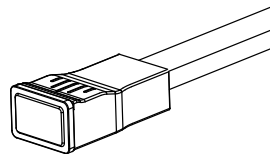#051651-CU16
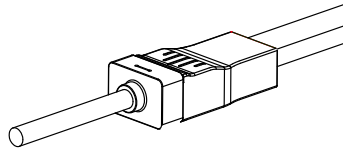
End Snap Connector, 16'L
#051651S-CU16

Bottom Snap Connector, 16'L
#051674S-CU16

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

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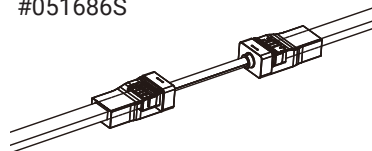
All connections include a ferrule on the power feed to prevent water wicking through the connection point.

End Cap
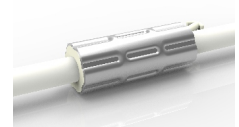#051686

Snap End Cap
#051686S

RGB/RGBW SPI & PWM CONTROLLERS

LT- 200 SPI Controller
#050205
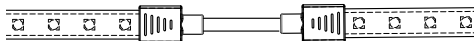
Extension
#051662

Snap Extension
#051662S
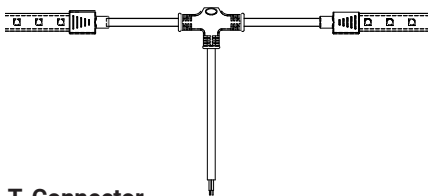
T-Connector
#051663

Snap T-Connector
#051663S

IP68 RoHS 2002/95/EC UL

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Aqueon® Flat Tunable White - 24V DC

Project	
Type	
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MOUNTING

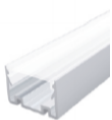PET and Aluminum mounting channels to match any installation.

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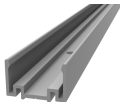
- High-quality Aluminum
- Light-weight
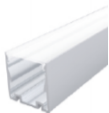- Cost-Effective

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.
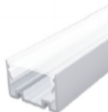
3'3"L - #051695

Clear Lensed Channel, 3/4" H

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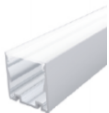- Clear lens, frosted lens available.

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

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