Aqueon® Flat RGB & RGBW

ORGANIC LIGHTING®

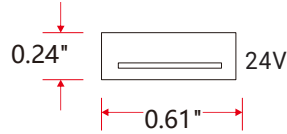| Project |
| --- |
| |

Type

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"

- Static RGB and RGBW options

- RGBW's 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

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

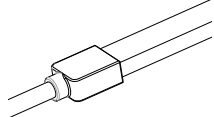| Part #	CCT	Max. Length	LEDs/ft	Lm/ft	W/ft
051629	RGB	49.2 ft	18	53.4	1.83
051630	RGBW-27K	49.2 ft	18	89.2	2.4
051631	RGBW-30K	49.2 ft	18	89.2	2.4
051632	RGBW-40K	49.2 ft	18	89.2	2.4

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.

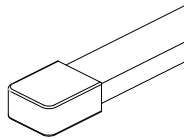# Aqueon® Flat RGB & RGBW

CONNECTORS & ACCESSORIES

Factory assembled 4-wired Aqueon RGB and 5-wire RGBW IP67 submersible accessories include end caps, extension cords and connectors with customizable cord lengths. IP67 self assembly connectors are also available.
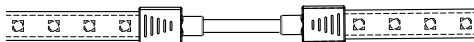
Factory Assembled IP67 Connectors

RGB End Connector, 16'L
#051655-CU16

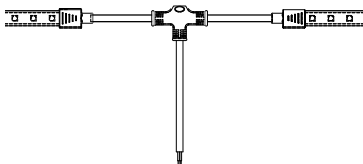**RGBW End Connector, 16'L**
#051652-CU16
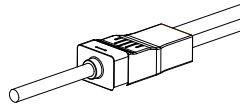
End Cap
#051686

RGB Extension
#051653

RGBW Extension
#051665

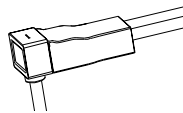**RGB T-Connector**
#051664

RGBW T-Connector
#051666

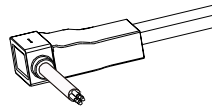### Field Assembly Snap on IP67 Connectors

RGB End Snap Connector, 16'L
#051655S-CU16

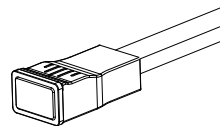**RGBW End Snap Connector, 16'L**
#051600S-CU16

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

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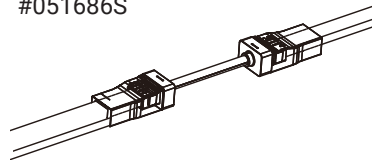#051668-CU16

RGB Side Snap Connector, 16'L
#051682S-CU16

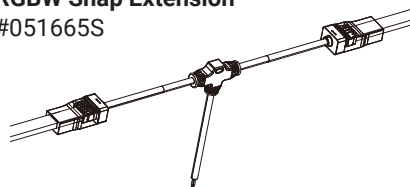**RGBW Side Snap Connector, 16'L**
#051601S-CU16

Snap End Cap
#051686S

RGB Snap Extension
#051653S

RGBW Snap Extension
#051665S

RGB Snap T-Connector
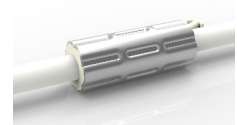#051664S

RGBW Snap T-Connector
#051666S

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
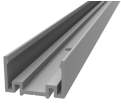100W #011341

IP68 RoHS 2002/95/EC UL

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MOUNTING

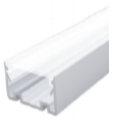PET and Aluminum mounting channels to match any installation.

Aluminum Channel

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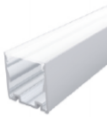- Light-weight
- Cost-Effective

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
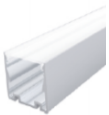- Clear lens, frosted lens available.

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

IP68 | RoHS 2002/95/EC | UL

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