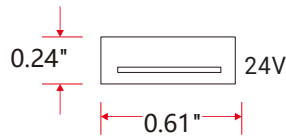


# Aqueon® Flat RGB/RGBW Pixel - 24V DC

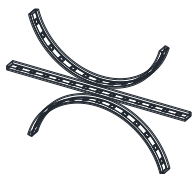


A new standard of flexible light; superior standards new materials, new methods, military grade components and advanced circuit design to create a flood proof; vibration proof seamless light. Our constant current design ensures to maintain a full illumination in continuous lengths up to 49ft. IP67 connections. 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 4.9"
- Pixel 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

## PART NUMBER & SPECIFICATIONS

Vertical Bending Model



Part #	Color	Max length	LEDs/ft	lm/ft	W/ft
051645	RGB	49.2ft	17	54.1	1.83
051647	RGBW-27K	49.2ft	17	89.2	2.43
051649	RGBW-30K	49.2ft	17	89.2	2.43
051648	RGBW-40K	49.2ft	17	89.2	2.43

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## 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

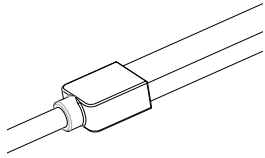


Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

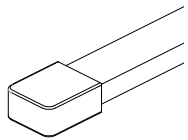
## CONNECTORS & ACCESSORIES

Aqueon Pixel RGB & RGBW 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.

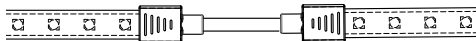
### Factory Assembled IP67 Connectors



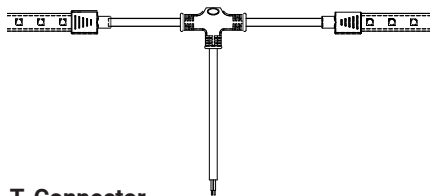
**End Connector, 16'L**  
#051656-CU16



**End Cap**  
#051686

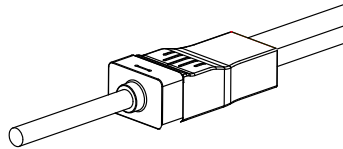


**Extension**  
#051659

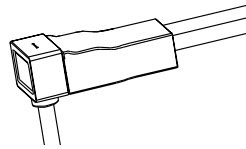


**T-Connector**  
#051658

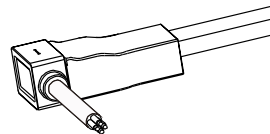
### Field Assembly Snap on IP67 Connectors



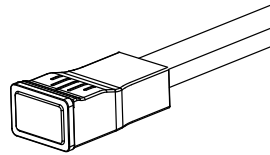
**End Snap Connector, 16'L**  
#051666S-CU16



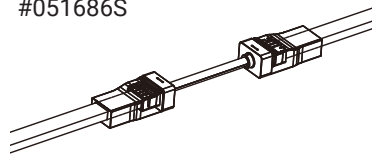
**Bottom Snap Connector, 16'L**  
#051605S-CU16



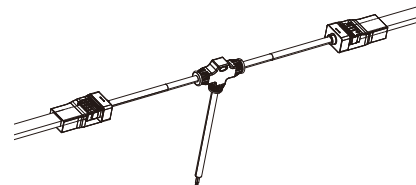
**Side Snap Connector, 16'L**  
#051606S-CU16



**Snap End Cap**  
#051686S



**Snap Extension**  
#051659S

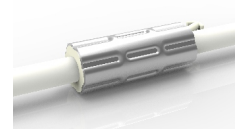


**Snap T- Connector**  
#051658S

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### ANTI-WICKING

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



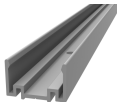
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# Aqueon® Flat RGB/RGBW Pixel - 24V DC

## 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

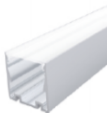
### Frosted Lensed Channel, 1/2" H



- 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

Project
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Type
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Date
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