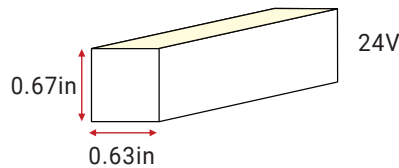


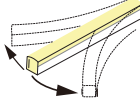
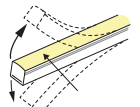
Aqueon® Diffuse Pixel RGB & RGBW - Color Chasing



Aqueon Diffuse Pixel, color changing, provides the ultimate effects and endurance standards for flexible lighting allowing discrete control every 4" using a 3 wire SPI decoder. Available in both vertical and horizontal bending. IP67 or IP68 submersible UV and chemical resistant encapsulation. Premium Nichia LEDs with 3 step MacAdam CCT (Single bin) for accurate color rendering, minimal color shift and exceptional color consistency. Premium color rendition with a CRI of 95. Dynamic and dramatic effects are controlled with precision through DMX programming.

- Submersible; UL Listed, 676
- Horizontal or Vertical bending options
- End to end continuous illumination
- Up to 49.2ft continuous run; flood and vibration proof
- Cuttable every 3.28"
- Pixel RGB and RGBW options
- RGBW's White LED is available in 2700K, 3000K and 4000K
- 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

	Part #	CCT	Max. Length	LEDs/ft	Lm/ft	W/ft
Horizontal Bending Model 	052248	RGB	49.2ft	25	45.7	2.44
	052247	RGBW-27K	49.2ft	25	74.7	3.66
	052244	RGBW-30K	49.2ft	25	74.7	3.66
Vertical Bending Model 	052246	RGBW-40K	49.2ft	25	74.7	3.66
	052243	RGB	49.2ft	25	45.7	2.44
	052242	RGBW-27K	49.2ft	25	74.7	3.66
	052240	RGBW-30K	49.2ft	25	74.7	3.66
	052241	RGBW-40K	49.2ft	25	74.7	3.66

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



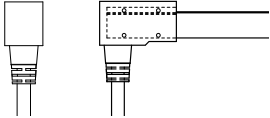
Specifications are correct at the time of publishing, but may be modified or improved in accordance with current electrical, safety or manufacturing methods without notification.

Aqueon® Diffuse Pixel RGB & RGBW - Color Chasing

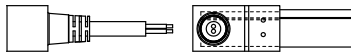
CONNECTORS & ACCESSORIES

Factory assembled 3-wired Aqueon Pixel IP68 submersible accessories include end caps, extension cords and connectors with customizable cord lengths. IP67 self assembly connectors are also available.

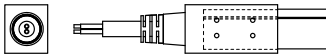
Factory installed IP68 accessories



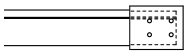
Bottom Feed Connector, 16'L
#052255-CU16



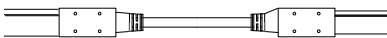
Side Feed Connector, 16'L
#052257-CU16



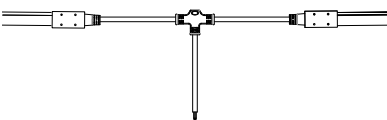
End Connector, 16'L
#052256-CU16



End Cap
#052286

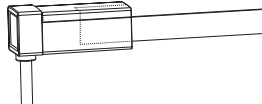


Extension
#052270

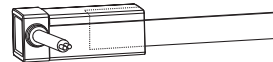


T-Connector
#052272

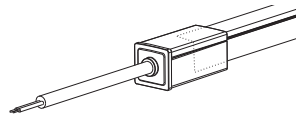
Snap field-installed IP67 accessories



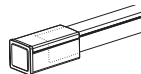
Bottom Snap Connector, 16'L
#052255S-CU16



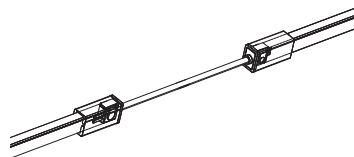
Side Feed Snap Connector, 16'L
#052257S-CU16



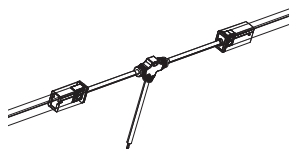
End Snap Connector, 16'L
#052256S-CU16



Snap End Cap
#052286S



Snap Extension
#052270S



Snap T-Connector
#052272S

ORGANIC LIGHTING®

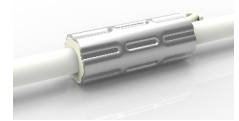
Project

Type

Date

ANTI-WICKING

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



CONTROLLERS

RGB/RGBW SPI & PWM Controllers



DMX512 SPI Converter Decoder
#050205



LT-200 SPI Controller
#050203



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Aqueon® Diffuse Pixel RGB & RGBW - Color Chasing

MOUNTING

PET and Aluminum mounting channels to match any installation.

Project

Type

Date

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

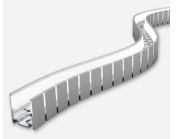
Flanged Serrated Aluminum Channel



- 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

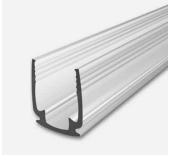
Hybrid Channel



- Flexible with a ridged base
- PET & Aluminum

3'3"L - #053006
1.38"L - #053007

PET Channel



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

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



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