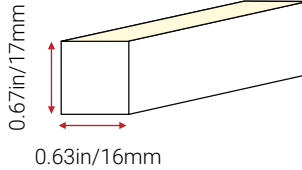


Aqueon® Diffuse Tunable White

24V DC 22 - 57



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(15m). 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.

FEATURES

- Submersible; UL Listed, 2108
- Horizontal or Vertical bending options
- End to end continuous illumination
- Up to 49.2ft(15m) continuous runs; Flood and vibration proof
- Cuttable every 3.25"(83mm)
- White tuning range from 2200K to 5700K
- Ultra low energy; 1.83W/ft (6W/m)
- 11.8" (300mm) minimum bending diameter; 5.5"(140mm) minimum bending radius
- 5 year limited warranty; 50,000 hr LED lifetime
- Dimmable with Pulse Width Modulation & DMX
- UV/IR protected PVC encapsulation
- Ambient working temperature -4°F - 113°F

PART NUMBER & SPECIFICATIONS

Part #	Color	CRI	lm/ft	lm/m	Max Run	W/ft	W/m
Aqueon® Diffuse Tunable White - Horizontal Bend							
052228	2200K-5700K	>95	55	180	49.2ft 15m	1.83	6
Aqueon® Diffuse Tunable White - Vertical Bend							
052227	2200K-5700K	>95	55	180	49.2ft 15m	1.83	6

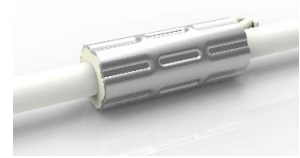
ORGANIC LIGHTING®

Project

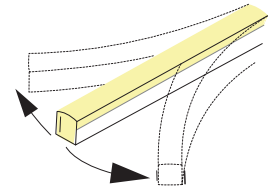
Date

ANTI-WICKING

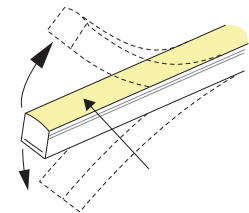
All connections include a ferrule on the power feed to prevent water wicking through the connection point.



HORIZONTAL BENDING



VERTICAL BENDING



Specifications may be modified or improved without notification

Organic Lighting | 12203 Magnolia Avenue, Suite 1, Riverside CA 92503 | 626.969.6140 | www.organiclighting.com | 05/2024 V3



1 of 3

Aqueon® Diffuse Tunable White

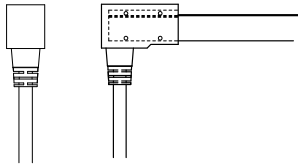
CONNECTORS & ACCESSORIES

Factory assembled 2-wired Aqueon Mono IP68 submersible accessories include end caps, extension cords and connectors with customizable cord lengths. IP67 self assembly connectors are also available.

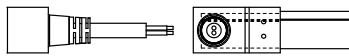
Project

Date

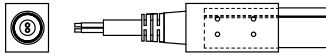
FACTORY ASSEMBLED IP68 CONNECTORS



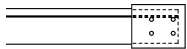
Bottom Feed Connector, 16'L
#052255-CU16



Side Feed Connector, 16'L
#052257-CU16



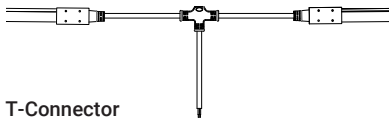
End Connector, 16'L
#052256-CU16



End Cap
#052286

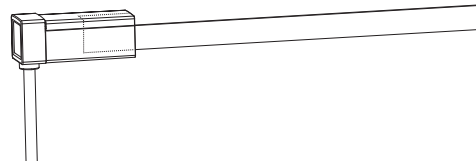


Extension
#052270



T-Connector
#052272

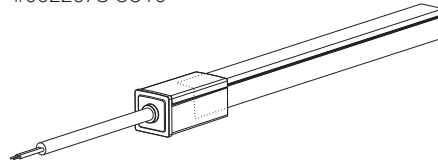
FIELD ASSEMBLY SNAP ON IP67 CONNECTORS



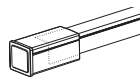
Bottom Snap Connector, 16'L
#052255S-CU16



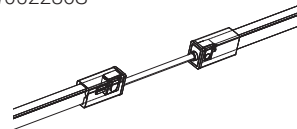
Side Feed Snap Connector, 16'L
#052257S-CU16



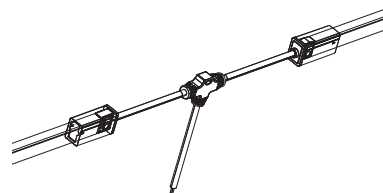
End Snap Connector, 16'L
#052256S-CU16



Snap End Cap
#052286S



Snap Extension
#052270S



Snap T-Connector
#052272S

Specifications may be modified or improved without notification

Aqueon® Diffuse Tunable White

POWER SUPPLIES, MOUNTINGS & EXTRUSIONS

POWER SUPPLIES - 24V

Forward Phase, Reverse Phase, & 0-10V Dimming Drivers. Remote enclosures available.

Part #	Ingress	Voltage	Wattage	Dimensions (inches / mm)	Description
045001	IP67	100-305V	20W	7.6 x 1.18 x 0.79 / 193 x 30 x 20	Dimmable LED Driver
045002	IP67	100-305V	40W	5.83 x 1.57 x 0.87 / 148 x 40 x 22	Dimmable LED Driver
045003	IP67	120-277V	60W	6.3 x 2.24 x 1.5 / 160 x 57 x 38	Dimmable LED Driver
045004	IP67	120-277V	75W	6.3 x 2.24 x 1.5 / 160 x 57 x 38	Dimmable LED Driver
045005	IP67	120-277V	96W	7.6 x 2.24 x 1.5 / 193 x 57 x 38	Dimmable LED Driver
045006	IP67	120-277V	200W	10.1 x 3.03 x 1.8 / 257 x 77 x 46	Dimmable LED Driver
045007	IP67	120-277V	300W	11.9 x 3.03 x 1.8 / 302 x 77 x 46	Dimmable LED Driver

ENCLOSURES

Part #	Ingress	Dimensions (inches / mm)	Description
045008	IP67	9.4 x 2.6 x 1.9 / 239 x 66 x 48	20W Enclosure
045009	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	40W Enclosure
045010	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	60W Enclosure
045011	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	75W Enclosure
045012	IP67	11.02 x 4.05 x 2.2 / 280 x 103 x 56	96W Enclosure
045013	IP67	16.7 x 9.8 x 2.3 / 424 x 249 x 58	200W Enclosure
045014	IP67	16.7 x 9.8 x 2.3 / 424 x 249 x 58	300W Enclosure

DMX CONTROLLER

Part #	Description
011343	100W Digital Controller
011344	180W Digital Controller
011345	720W Digital Controller
011341	Digital Controller & Power Supply Combination
011420	Nicolaude DE3 DMX 512 Controller
011403	Nicolaude DINA-DR1 DMX 512 Controller
050203	LT-200 SPI Controller - For Pixel
050205	DMX512 SPI Converter Decoder - For Pixel

MOUNTINGS & EXTRUSIONS

Mounting Channels to Match any Installation

Aluminum Profile



- High Quality Aluminum
- Lightweight
- Cost Effective
- Warp/corrosion resistant

1.38in(35mm) L - #053001
39.37in(1000mm) L - #053000

Flanged Aluminum Profile



- High Quality Aluminum
- Lightweight
- Cost Effective
- Flange for Recessed Installation

1.38in(35mm) L - #053003
39.37in(1000mm) L - #05302

Flanged Internal Serrated Aluminum Profile



- Lightweight
- Easy to Install & Dismantle
- Continuous & Strong Gripping
- Flange for Recessed Installation

0.79in(20mm) L - #053011
39.37in(1000mm) L - #053010

Internal Serrated Aluminum Profile



- Continuous & Strong Gripping
- Lightweight
- Easy to Install & Dismantle
- For Suspended Installations

0.79in(20mm) L - #053009
39.37in(1000mm) L - #053008

Bendable Serrated Aluminum Profile



- High Quality Aluminum
- Easy to Install & Dismantle
- Continuous & Strong Gripping
- Memory Retaining
- Perfect for Curved Installations

19.68in(500mm) L - #053013
39.37in(1000mm) L - #053012

Thickened Plastic Profile



- Plastic Profile 0.12in(3mm) thick
- Lightweight
- Cost Effective
- Rust & Corrosion Resistant

1.38in(35mm) L - #053005
39.37in(1000mm) L - #053004



Project

Date

220V - 60W Dimmable Driver



75W - 300W Dimmable Driver



Digital Controller (100W, 180W, 720W)



Nicolaude DE3 DMX 512 Controller



Specifications may be modified or improved without notification

