

Aqueon® 3D Diffuse Tunable White

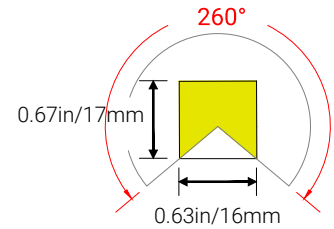
24V DC  



 ORGANIC LIGHTING®

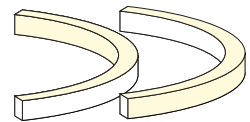
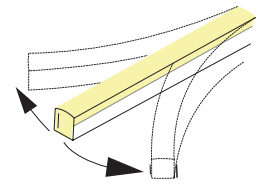
Project

Date



Aqueon 3D achieves the impossible. Up to 49ft of low glare three sided perfectly diffused illumination with consistent light intensity on all three sides. 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. 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.

HORIZONTAL BENDING

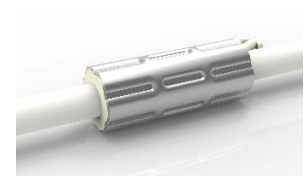


FEATURES

- Submersible; UL Listed, 2108
- 260° diffused illumination with no visible LEDs
- 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

ANTI-WICKING

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



PART NUMBER & SPECIFICATIONS

Aqueon® 3D Diffuse TW

Part #	Color	CRI	lm/ft	lm/m	Max Run	W/ft	W/m
053050	2200-5700K	>80	98	321.4	49.2ft 15m	1.83	6

Specifications may be modified or improved without notification

Aqueon® 3D Diffuse Tunable White

CONNECTORS & ACCESSORIES

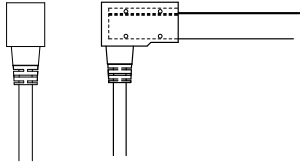


Project

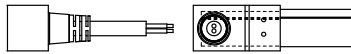
Date

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.

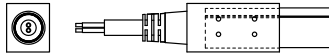
FACTORY ASSEMBLED IP68 CONNECTORS



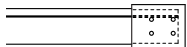
Bottom Feed Connector, 16'L
#052255-CU16



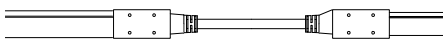
Side Feed Connector, 16'L
#052257-CU16



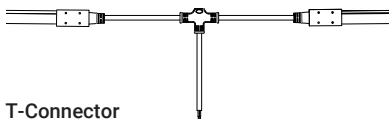
End Connector, 16'L
#052256-CU16



End Cap
#052286

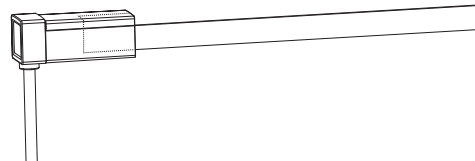


Extension
#052270



T-Connector
#052272

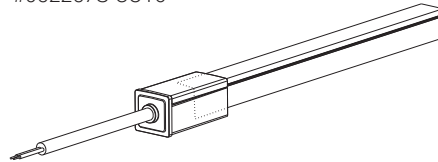
FIELD ASSEMBLY SNAP ON IP67 CONNECTORS



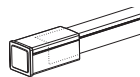
Bottom Snap Connector, 16'L
#052255S-CU16



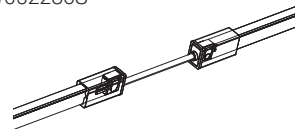
Side Feed Snap Connector, 16'L
#052257S-CU16



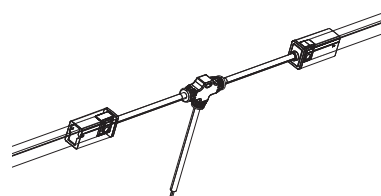
End Snap Connector, 16'L
#052256S-CU16



Snap End Cap
#052286S



Snap Extension
#052270S



Snap T-Connector
#052272S

Specifications may be modified or improved without notification



Aqueon® 3D Diffuse Tunable White

POWER SUPPLIES, MOUNTINGS & EXTRUSIONS



Project

Date

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

20W -60W Dimmable Driver



75W -300W Dimmable 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 4.05x 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

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



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

Nicolaude DE3 DMX 512 Controller



MOUNTINGS & EXTRUSIONS

Mounting Channels to Match any Installation

Aluminum Channel



- High Quality Aluminum
- Lightweight
- Cost Effective

3.25ft (1m) L - #051694

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

Specifications may be modified or improved without notification

