

AQS-500

IP68 Neon Flex

AQS-500 is encapsulated in multiple silicone channels for full IP68 protection. Use for pool copings, in-pavement channels and exterior wall grazing where substantial moisture and mechanical protection is required. As with all IP68 products, the ingress protection is determined by the quality of the cable joins and installation.

IP68 Rated

Multiple silicone encapsulation steps combined with a custom injection molded end-cap process mean that real-world IP68 performance can be expected in depths up to 1M. To ensure IP68 performance, there can be no submerged cable joins at all.

Dimming

Dimmable via 1-10V using a compatible power supply, or with PWM based controllers including the Aqualux AQD-400 series.

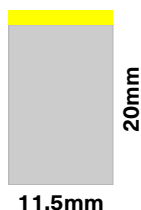
Can also be interfaced with CBUS and other smart home systems with the appropriate gateway devices.

RGB Available

RGB strip is available for colour changing applications.

Dimensions

Cross section dimensions of the AQS-500.



TECHNICAL

Product Code	AQS-500
Product Family	AQS LED / Flex
Mounting	Clips / Profile
Construction	Eco-PVC + Silicone Encapsulation
Electrical	24V DC
Watts / M	12
Lumens / M	380 (5700K)
Max Run Length	10M (20M if looped circuit)
PSU Compatibility	24V DC Constant Voltage
Dimming Support	Various
Min. Bend Radius	40mm (80mm Diameter)
Cut Interval	100 mm
LED	Epistar 5050
CRI	80+ CRI
Protective Coating	Silicone Encapsulation
Cable	500mm 2-Core Tail
IP Rating	IP68
IK Rating	IK08
Warranty	2 Year Aqualux Warranty
Additional	Cut / Join Service

CONFIGURE

2700K Warm White	AQS-500-24-2700	288 lm/M	2700K	Stocked
3000K Warm White	AQS-500-24-3000	309 lm/M	3000K	Indent
4000K Neutral White	AQS-500-24-4000	334 lm/M	4000K	Indent
5700K Cool White	AQS-500-24-5700	380 lm/M	5700K	Stocked
RGB Colour	AQS-500-24-RGB	~150 lm/M	-	Stocked

ORDER CODE

Base Code	Voltage	CCT / Colour	Cable Entry	Length
AQS-500	24	2700	A	1M
		3000	B	2M
		4000	C	5M
		5700	D	10M
		RGB	E	CUSTOM
			F	

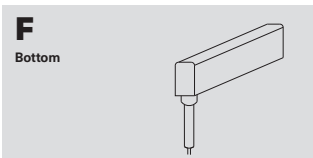
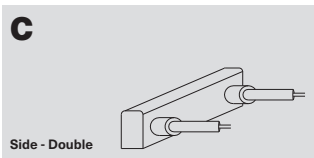
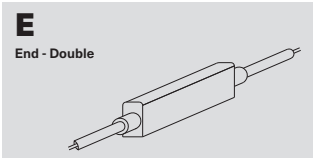
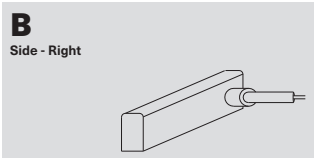
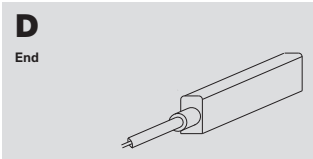
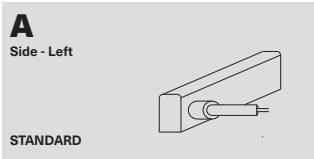
AQS-500

24V DC
Up to 380 lm
IP68



Cable Entry

The standard cable entry is A / Side - Left.
Other options are available to order.



Standard Lengths

AQS-500 is available in standard lengths of 1M, 2M & 5M.
These can be mixed, cut down and abutted to make up a required run or a custom length can be ordered with a 3 week lead time.

Profile

The A custom designed aluminium profile is available that securely retains the AQS-500 as well as providing space for screw mounting below. Profile can be drilled to facilitate cable exit.

