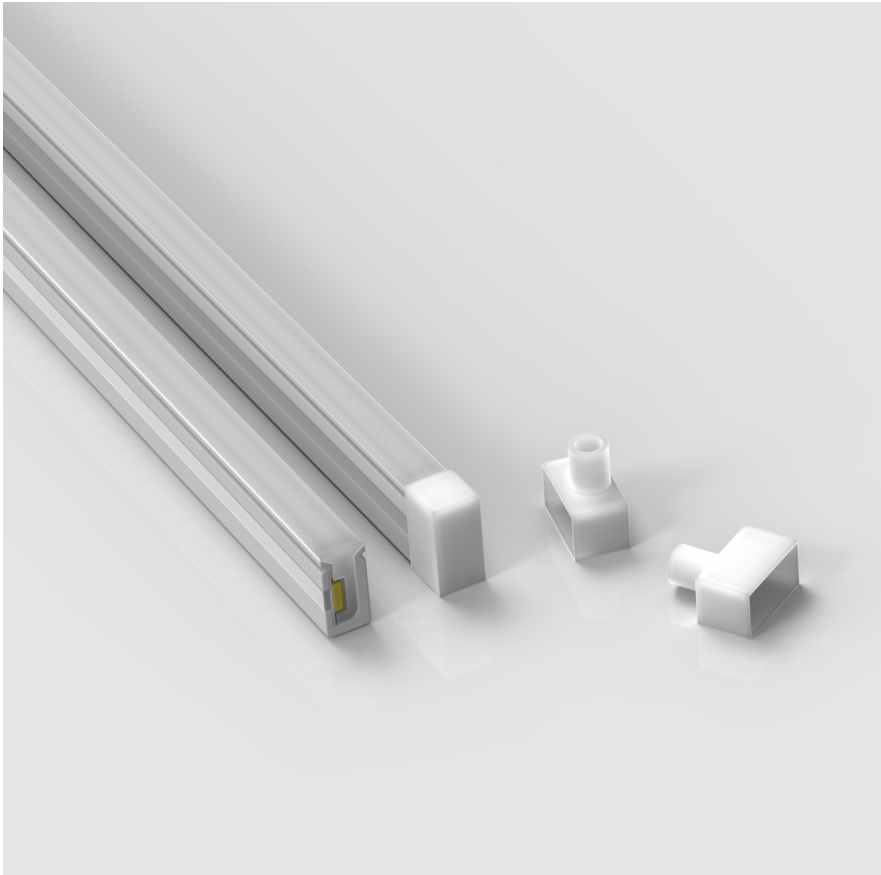


# AQS-402 / RGB

The new slimline AQS-402 is only 6mm wide and 12mm high, making it the slimmest encapsulated LED Noen Flex strip to-date. The AQS-402 is cut and tailed in our Sydney factory for a quick turn around time.

# AQS-402-RGB

## Neon Flex



Product	AQS-402-RGB
Voltage 24V DC	24V DC
Watts (per Meter) 10W	10W
IP Rating IP67	IP65
Lumen Output (per Meter) 360lm	127lm
CCT & Colour Options RGB	RGB
Working Mode Constant Voltage (PWM) / DMX	Constant Voltage (PWM) / DMX
Max Length (Single Power Feed) 10m	5m
Max Length (Double Power Feed) 20m	10m
Cut Interval 50mm	50mm
Bend Direction Horizontally	Horizontally
Minimum Bend Diameter 100mm	100mm
LED Type SMD2835	SMD2835
LED Qty / M 120pcs	120pcs
Lumen Maintenance 70,000 Hours L70@ 25°C, 50,000 Hours L70@ 50°C	70,000 Hours L70@ 25°C, 50,000 Hours L70@ 50°C
Materials Silicone	Silicone
Emission Angle 120°	120°
Operating Temperature -20° to +40°C	-20° to +40°C
Installation Temperature 5° to +35°C	5° to +35°C
Warranty 3 Year Aqualux Warranty	3 Year Aqualux Warranty

Example Product Code Variation					
Produce Code	Size	CCT	Voltage	W / M	Lm/M
AQS-402-Z1A10	0612	RGB	24V DC	10W	127lm

For wiring diagrams please refer to the aqualux website:  
[www.aqualux.com.au](http://www.aqualux.com.au)  
 / Support / Downloads / Wiring Diagrams

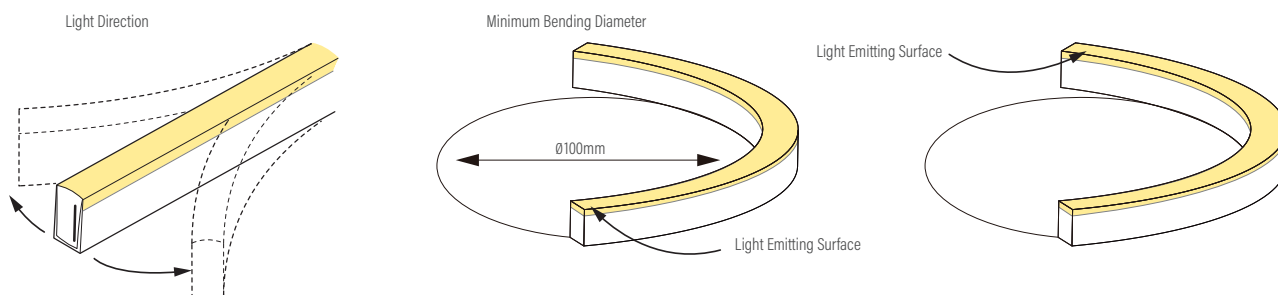


# Neon Flex

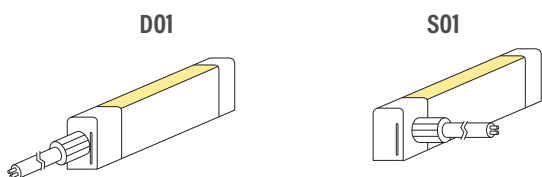
## Variations

Product Code	CCT Kelvin	Voltage Direct Current	Watts Meter	Lumens Meter	Max Run Single End	Max Run Double End
AQS-402-Z1A10	RGB	24V DC	10W	127lm	5m	10m

### Bending Directions



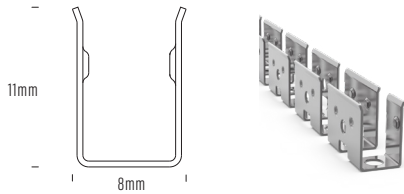
### Entry Types



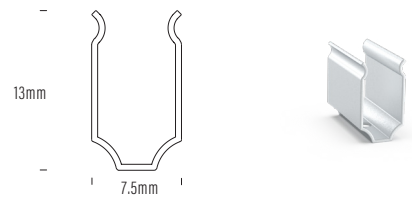
# Neon Flex

## Mounting

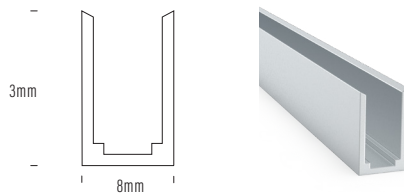
AQS-402-ACC-02  
Bendable S Channel



AQS-402-ACC-03  
Aluminium Clip

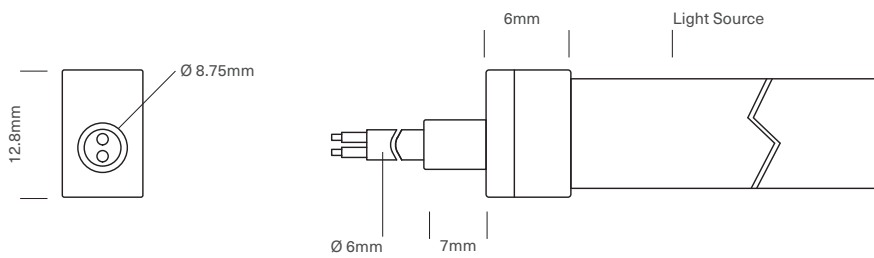


AQS-402-ACC-04  
2m Aluminium

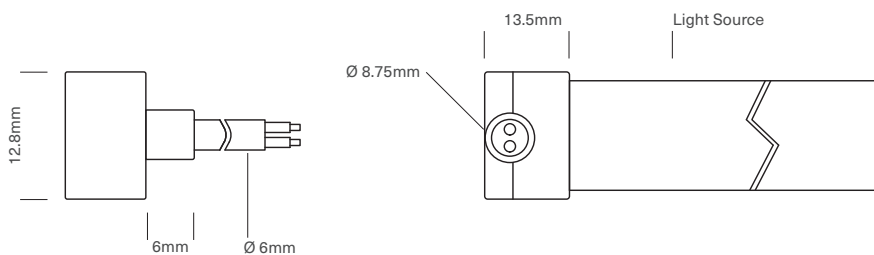


## Injection Moulded Connectors Dimensions

### Direct Cable Entry



### Side Cable Entry



## Neon Flex

### AQS Family Reference Table

Product	Type	IP Rating	LED Options	Size mm	Power/m	Application
AQS-170	Cob Strip	IP20	Mono	10mm	10W DC	Internal / Profile required
AQS-172	Cob Strip	IP20	Mono	4mm	5W DC	Internal / Profile required
AQS-180	HE Strip	IP20	Mono	10mm	20W DC	Internal / Profile required
AQS-400	Neon Flex	IP65	Mono	10 x 9	5W DC / 10W DC	External / No profile required
AQS-401	Neon Flex	IP65	Mono	10 x 10	10W DC	External / No profile required
AQS-402	Neon Flex	IP65	Mono	6 x 12	10W DC	External / No profile required
AQS-410	Neon Flex	IP65	RGB	13 x 12	10W DC	External / No profile required
AQS-420	Neon Flex	IP65	Mono / RGBW	12 x 20	10W / 15W	External / No profile required
AQS-500	Neon Flex	IP68	Mono / RGB / RGBW / DMX	11.5 x 21	5W / 8W / 12W / 18W	External / Submerged / No profile
AQS-505	Neon Flex	IP68	Mono	13.5 x 13.5	10W	External / Submerged / No profile
AQS-510	Neon Flex	IP68	Mono / RGB / RGBW / DMX	16.5 x 16.5	10W / 13W / 17W / 18W	External / Submerged / No profile

### Extension Wire Recommendations

Maximum extension wire length according to light power

Watts	22AWG 0.34mm <sup>2</sup>	20AWG 0.53mm <sup>2</sup>	18AWG 0.82mm <sup>2</sup>	17AWG 1.04mm <sup>2</sup>	16AWG 1.38mm <sup>2</sup>	14AWG 2.07mm <sup>2</sup>	12AWG 3.29mm <sup>2</sup>	10AWG 5.62mm <sup>2</sup>
10W	36m	60m	100m	120m	140m	240m	400m	600m
20W	18m	30m	50m	60m	70m	120m	200m	300m
30W	12m	20m	30m	38m	45m	80m	130m	200m
40W	8m	15m	22m	28m	35m	60m	95m	140m
50W	6m	12m	18m	22m	28m	48m	75m	105m
60W	5m	10m	15m	18m	22m	36m	60m	88m
70W	-	8m	12m	14m	18m	30m	50m	72m
80W	-	6m	10m	11m	14m	24m	40m	58m
90W	-	4m	7m	8m	10m	18m	30m	45m
100W	-	-	5m	6m	7m	12m	22m	32m
110W	-	-	3m	4m	5m	8m	15m	22m
120W	-	-	2m	2.5m	3m	0m	8m	12m