



# ARCH NEON

New Arrival

AF · AH · AN · AW · AC

Five new series launched

# Arch Neon's New Arrival

ARCH NEON · AF Series  
**WEATHER FASTNESS NEON**

—  
-40~+60°C  
IP67



ARCH NEON · AH Series  
**FREE-CUTTING NEON**

—  
110LM/W  
IP67



ARCH NEON · AN Series  
**SAUNA NEON**

—  
110°C  
IP67



ARCH NEON · AC Series  
**AC 230V NEON**

—  
50M  
FLICKER-FREE



ARCH NEON · AW Series  
**UNDERWATER NEON**

—  
3M DEEP  
IP68



# ARCH NEON · AW Series

Underwater neon

3M Deep

IP68



Underwater applications



Special materials



IP68, 3m deep

3m deep  
IP68



# Special materials and high reliability



Feature	<span>✓ Excellent</span> <span>○ Middle</span> <span>✗ Poor</span>				
	Thermoplastic Polyurethane (T-type TPU)	Gas-phase Silica Gel	Precipitated Silica Gel	Polyvinyl Chloride (PVC)	Polyurethane Resin (PU)
Abrasion resistance	✓	○	○	○	○
Chlorine resistance	✓	○	✗	✓	○

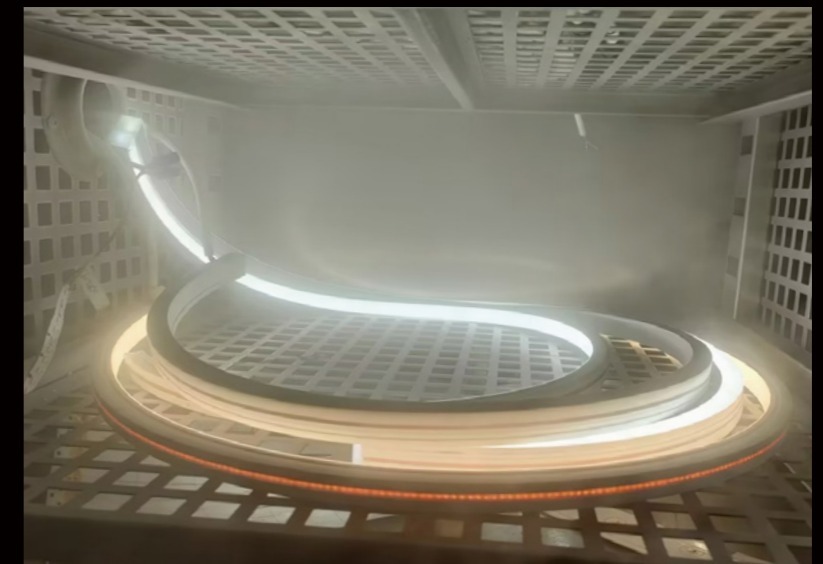
# Rigorous tests



Sea Water(Salinity $\leq$ 4%)  
Swimming pool( $\leq$ 10ppm)



Twisting test \* 720°\*2000times



Thermal Shock Testing : -40--+100°C 1500times

# Molding end cap



# Application Scenarios



# Product specifications

Model	Lengt/ Input voltage	mm/segment	CRI	CCT	Max W/m	Typ.W/m	LM/m	IP rating	warranty
AWS2020	24V (5M)	16LED/50mm	≥90	<span style="color: orange;">3000 K</span> <span style="color: yellow;">4000 K</span> <span style="color: lightblue;">6500 K</span>	10W	11W	610	IP68	5Y
AWT2020							640		





LED STRIPS &  
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