ARCH NEON

Weather fastness series | Free cutting series | Under-water series | Sauna series | AC230V series

Newly Upgraded Arch Neon

Anti-dead bel design
Effectively avoid dead zones

Anti-breakage PCB design
Anti-breakage design, more stable

Warranty Upgraded
5 year warranty

Weather Resistance Upgraded
Upgrade to 3000H UV+

Lighting Effect Upgraded
Uniform light effect & more attractive

Arch Neon Product Catalog

10 Series	20 Series	30 Series	40 Series	AC230V series
Weather fastness series	**Free cutting series**	**Sauna use series**	**Under-water use series**	**AC230V series**
Specially suitable for outdoor use, resistant to UV3000H+	Specially suitable for outdoor use, resistant to UV3000H+	Specially suitable for sauna use, resistant to high temperature	Specially suitable for underwater use, IP68 waterproof	Specially suitable for outdoor use, resistant to UV3000H+
Top-level 2835(Nichia/Lumileds) Side-level 2216	Top-level 2835(Nichia/Lumileds) Side-level 2216	Top-level 2835(Nichia/Lumileds) Side-level 2216	Top-level 2835 Side-level 2216	Top-level 2835 Side-level 2216
7 Years	7 Years	5 Years	5 Years	5 Years
6/N7	6/N7	6/N7	8/N8	6/N7
-40°C~+60°C	-20°C~+60°C	-40°C~+100°C	-20°C~+50°C	-20°C~+50°C
SOCH/S	SOCH/S	SOCH/S	/	/
24V 10m/5.46V 20m/8	24V 10m/5.46V 20m/8	24V 15m/8	24V 5m/8	230V 50m/8

AC230V
AC Series

Driver-free | 50M ultra-long | Lightning resistant

DRIVER-FREE INSTALLATION

Driver-free installation is more convenient.

AC230V input directly connected to the mains

50M ULTRA-LONG

Saves time & effort, worry-free & cost-effective.

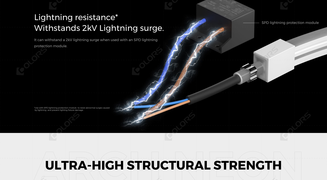
No wiring required, reducing installation steps, and improving efficiency.

Solder-free quick-connect terminals for easy secondary processing.

It can be cut to desired size and quickly installed with solder-free terminals.

Solder-free terminals

Solder-free terminals are convenient for secondary processing and easy to disassemble



LIGHTNING RESISTANCE

Lightning resistance*
Withstands 2kV Lightning surge.

It can withstand a 2kV lightning surge when used with an SPD lightning protection module.

SPD lightning protection module

*Use with SPD lightning protection module. Surge voltage between power cord and ground or between power cord and signal cord.

ULTRA-HIGH STRUCTURAL STRENGTH

Ultra-high structural strength
Special chips design,
worry free about the dead-leds*.

Parallel design of the smallest lighting unit, single LED failure does not affect normal illumination

Bright dot-under close view, smooth light for view

Single LED breakage

*The above illustration is for reference only and is subject to the actual product.

Innovative structure,
Anti-twist high reliability.

Built-in anti-twisting core

Twisting test: 5000 times* & Tensile Test ≥ 650N

*Product tests conducted in-house

*Product tests conducted in-house and are for reference only. Actual results may vary.

LIGHTING EFFECT UPGRADED

Unique structure design for more uniform light distribution and better visual effects.

Uniform light effect

Non-uniform light effect

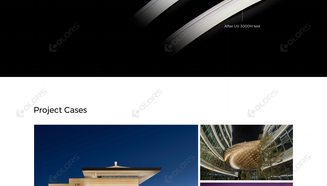
OUTDOOR WEATHER RESISTANCE

High-intensity
UV test in 3000H.

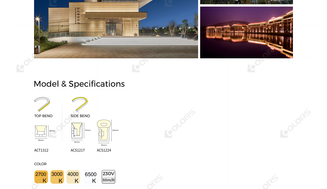
Equivalent to **5 years** of outdoor use with slight color change

Before UV 3000H test

After UV 3000H test



Project Cases



Model & Specifications

TOP BEND

SIDE BEND

AC1312 AC5227 AC5224

COLOR

2700K 3000K 4000K 6500K 230V Without

IP65 -40~+60