

# Archi Flex Neon Alternative Range

***Second Edition***



***Where Quality Meets  
Performance***

LED Lighting is dedicated to the Manufacture and Wholesale of quality LED Strip Lighting Products and Accessories



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A brand you can trust with over 17 years experience in the field of LED Lighting

A division of "Optic Fibre and LED Lighting Solutions Pty Ltd"

# Introduction

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Archi Flex is a member of the Artist of Light series with monochromatic light to achieve your desired artistic effect, which employs constant current design-eliminating linear fade.

Built-in protection circuit design which means single LED failure will have no effect on other LEDs working in the same unit and the whole light can keep constant lighting.

Archi Flex is UL/cUL, CE, TUV and RoHS compliant. Moreover, it has passed environmental resistance, optical, mechanical and electrical laboratory tests under the support of advanced equipment and technology to ensure it meets the requirements of harsh environments.

Fully encapsulated in the flexible PVC chamber by utilizing consummate extrusion technology, assembled with multiple patent connectors to achieve IP68 protection.

Easy for installation and applicable for various circumstances.

Archi Flex features particularly high luminous flux with homogeneous illumination and small bend diameter.

## Functions & Features

1. High quality SMD LED chip.
2. Protection Circuit: Each LED Protected.
3. UV & flame resistant construction(PVC).
4. Extremely flat profile for slimline projects.
5. Perfect uniform & even light source with invisible light dots.
6. High illumination.
7. Easily to be installed.
8. High IP rating IP68
9. The product IP rate is ultimately in line with properly applied IP rated connectors.
10. Continuous length up to 15m by powering one end.
11. Environmentally friendly & energy efficient.
12. Automated production, high reliability & long warranty.
13. 5 years life span.



# ARCHI Flex - Neon Alternative

## Archi Flex - Horizontal Bend 10 x 20mm

### Applications:

- Outdoor or Indoor Contour/Border Lighting
- Architectural Outline/Decorative Lighting
- Cove/Accent Lighting
- Facade/Terrace Floor Lighting
- Display Lighting

### Product Specification:

Input Voltage: **24VDC**

Power Consumption: 6 watts per meter

LED Quantity: 72 x LEDs (white: 72 x LEDs)

LED Lifespan: 50,000 hours

IP Rating: IP68

Lumens:

Red 72.12LM/M

Green 268.29LM/M

Blue 36.84LM/M

Yellow 206.80LM/M

Pink 8.62LM/M

Orange 20.63LM/M

White 226.30LM/M

Warmwhite 273.10LM/M

Purple 40.00LM/M

LED Spacing: 13.8mm

Cutting Interval: 83.3mm (white: 120.5mm)

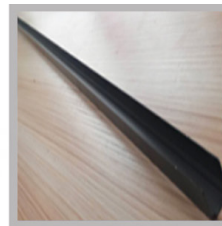
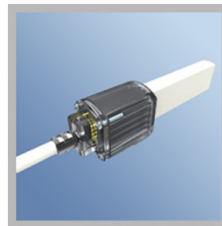
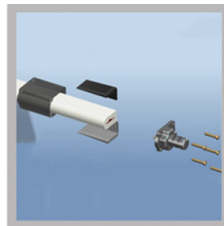
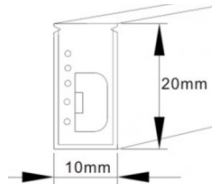
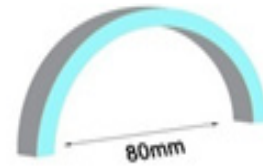
Beam Angle: 120°

Dimensions (WxH/mm): 10x20

Operating Temp: -20~45°C

Weight: 230g

Maximum length: 15m



Item No	Product Code	Description
18900	WL-RED-10X20-24V	RED 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18901	WL-BLUE-10X20-24V	BLUE 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18902	WL-GREEN-10X20-24V	GREEN 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18903	WL-YELLOW-10X20-24V	Yellow 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18904	WL-PINK-10X20-24V	Pink 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18905	WL-AMBER-10X20-24V	Amber 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18906	WL-PURPLE-10X20-24V	Purple 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18907	WL-ORANGE-10X20-24V	Orange 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18908	WL-WW-10X20-24V	Warm white 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18909	WL-NW-10X20-24V	Neutral white 24V, cutting point :12.5cm, 96 LEDs per metre Horizontal bend
18910	WL-CW-10X20-24V	Cool white 24V, cutting point :12.5cm, 96 LEDs per metre Horizontal bend
18912	WL-10X20-24V-2EF	2 core End feeder cable to suit 10x20mm Horizontal bend
18915	WL-10X20-24V-4EF	4 core End feeder cable to suit 10x20mm Horizontal bend
18918	WL-10X20-24V-EC	End cap to suit 10x20mm Horizontal bend
18919	WL-10X20-24V-MC	50mm mounting clip to suit 10x20mm Horizontal bend
18920	WL-10X20-24V-MP	2m mounting profile to suit 10x20mm Horizontal bend

# ARCHI Flex - Neon Alternative

## Archi Flex - Horizontal Bend 10 x 20mm RGBW

### Applications:

- Outdoor or Indoor Contour/Border Lighting
- Architectural Outline/Decorative Lighting
- Cove/Accent Lighting
- Facade/Terrace Floor Lighting
- Display Lighting

### Product Specification:

Input Voltage: **24VDC**

Power Consumption: 17 watts per meter

LED Quantity: 72 x LEDs

LED Lifespan: 50,000 hours

IP Rating: IP68

Lumens:

Red 27.00 LM/M            Green 57.19LM/M

Blue 8.57 LM/M            White 90.54LM/M

LED Spacing: 13.8mm

Cutting Interval: 83.3mm

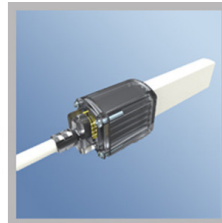
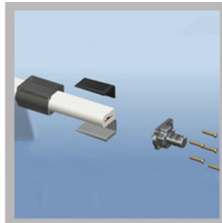
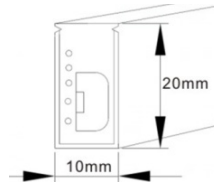
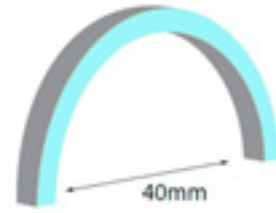
Beam Angle: 120°

Dimensions (WxH/mm): 10x20

Operating Temp: -20~45°C

Weight: 230g

Maximum length: 5m



Item No	Product Code	Description
18911	WL-RGBW-10X20-24V	RGBW 24V, cutting point :8.33cm, 72 LEDs per metre Horizontal bend
18915	WL-10X20-24V-4EF	5 core End feeder cable to suit 10x20mm Horizontal bend
18918	WL-10X20-24V-EC	End cap to suit 10x20mm Horizontal bend
18919	WL-10X20-24V-MC	50mm mounting clip to suit 10x20mm Horizontal bend
18920	WL-10X20-24V-MP	2m mounting profile to suit 10x20mm Horizontal bend

# Where Quality Meets Performance

LED Lighting is Australia's first architectural supplier of LED strip lighting. We are **dedicated** to the manufacture and supply of **high quality LED strip lighting products and accessories**.

As a brand you can trust and with 17 years of LED lighting **experience, our skills, expertise and creativity**, can assist you in all aspects of even the most complex project.

LED Lighting provides lighting advice and product recommendations to suit all your applications. We have worked alongside many of the top Australian lighting designers, electrical engineers and architects and you will find the **technical knowledge of our Sales Team** can assist you with all your modern lighting needs.

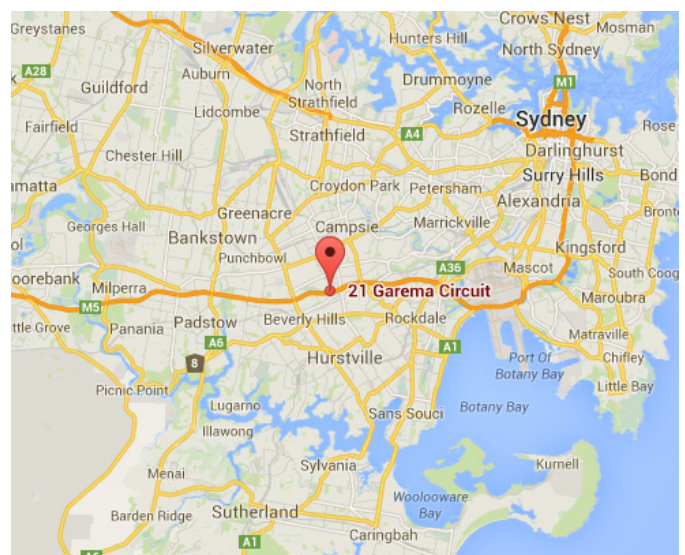
We offer the **widest range of Architectural LED Strip Profiles** available to suit all purposes from simple installs to our latest dry wall applications.

We provide LED strip lighting advice on **colour temperatures, intensity and dimming control integration** to suit your specific lighting requirements. Most of our profiles come in 2 metre standard lengths which can easily accommodate a large selection of applications, with our dry wall profile available in 3 metre lengths.

We also offer customised manufactured lengths under two metres and can supply this to the customer, as a complete finished linear Luminary if required. For lengths over 2 metres, our profiles simply butt together for an endless, seamless & continuous look (no joiners required).

LED Lighting supplies both nationally and internationally from our large warehouse in Kingsgrove, where we showcase all our quality products and accessories in a state of the art showroom. So if you are looking for an LED lighting product that outperforms and, is an outstanding statement of quality – you have certainly come to the right place.

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# Notes

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# Optic Fibre & LED Lighting Solutions



A brand you can trust with over 17 years of experience in the field of LED Lighting.