

ZYLO LIGHTING ARCHITECTURAL LED LIGHTING SYSTEM

Professional grade, dot-free architectural LED lighting system designed for hardscape and landscape applications.

1. PRODUCT SPECIFICATIONS

Input Voltage	24V DC
Power Consumption	10W per metre
Colour Temperature	3000K Warm White
CRI	>90
Lumens	280 lm/m
Beam Angle	120°
IP Rating	IP67
Cutting Interval	Every 50mm
Maximum Continuous Run	15 metres
Dimming	0-100% via compatible controller

CRI >90 - HIGH COLOUR ACCURACY

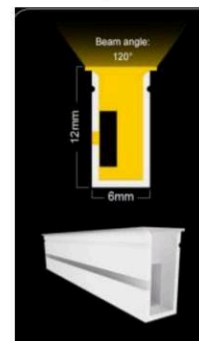
CRI >90

High colour rendering helps stone, interlock, wood, masonry and landscape materials maintain a natural appearance under 3000K illumination.

HIGH COLOUR ACCURACY

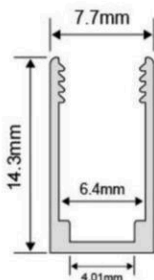
CRI >90

2. LIGHT DIMENSIONS



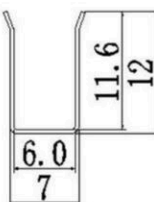
6mm W x 12mm H
120° beam angle
Silicone-extruded housing

3. CHANNELS



STRAIGHT ALUMINUM CHANNEL

- Outer width: 7.7mm
- Height: 14.3mm
- Internal width: 6.4mm
- Designed to house and retain the LED
- Suitable for straight installations



BENDABLE ALUMINUM CHANNEL

- Outer width: 7mm
- Internal width: 6mm
- Height: 12mm
- Internal height: 11.6mm
- Flexible profile for curved installations

4. DRIVER CAPACITY - 10W PER METRE

DRIVER	RATED OUTPUT	MAX LOAD (80%)	LED LOAD @ 10W/M
200W Driver	200W	160W	Up to 16m
300W Driver	300W	240W	Up to 24m
400W Driver	400W	320W	Up to 32m

Driver Sizing

For reliable operation and electrical headroom, total connected LED load should not exceed 80% of the driver's rated wattage.

Example: a 195W lighting load is too high for a 200W driver because its recommended maximum load is 160W. Use a 300W driver instead.

Maximum continuous individual LED run: 15 metres.

Projects exceeding 15 metres must be divided into multiple individual LED runs connected to the appropriately sized driver.

The 80% rule applies to total driver load.

5. CONTROLLERS

12 AMP CONTROLLER



- Supports systems up to 10 metres
- Ideal for smaller systems
- App-controlled
- Wi-Fi + RF control compatible
- Dimming control

RF REMOTE CONTROL



Optional handheld remote control for compatible system control.

30 AMP CONTROLLER



- Required for systems over 10 metres
- Designed for higher system loads
- App-controlled
- Wi-Fi + RF control compatible
- Dimming control

6. APPLICATIONS

- Interlock Borders
- Steps
- Retaining Walls
- Walkways
- Garden Beds
- Pergolas
- Outdoor Kitchens
- Architectural Features

7. KEY FEATURES

- Dot-free continuous illumination
- 3000K warm white
- CRI >90
- IP67 outdoor rated
- 10W per metre
- 15m maximum continuous run
- Straight and bendable channel options
- 12A and 30A controller options