DiGi LED Strip IP68 — Tunable White 48V

The DiGi LED Strip IP68 Tunable White is engineered for high-impact outdoor environments, this robust and flexible lighting solution is designed to perform in the most demanding conditions while providing a seamless experience layer of patterns and motion. A tight bending diameter of 50mm and custom length options allow the light to effortlessly follow organic shapes and intricate architectural outlines.

With high-quality silicone housing and superior protection ratings, it is the ideal choice for enhancing architectural forms with dynamic white lighting. The durable construction is saltwater, UV, and flame resistant, offering a reliable, long-term solution that maintains its integrity even in harsh coastal environments.

↘ Superior Environmental Durability — Rated IP68 and IK08, this strip is fully protected against dust and immersion in water, and physical impact.

↘ Precise Pixel Control — Featuring 6/10 pixels per meter and 16 bit dimming, you can achieve smooth transitions and complex light shows via DMX or SPI control.

CE   RoHS   IP68   IK08   (UL)   UKCA   FC

Specifications

General

Power Consumption (W/m)	17	
Input Voltage (V DC)	48	
LEDs (/m)	84	
LED Pitch (mm)	11,9	
Pixels (/m)	6	
Pixel Pitch (mm)	166,67	
Channels (/m)	18	
Beam Angle (°)	120	
LED Type	2in1	
Color Range	Tunable White	
LEDs (/segment)	14	
CRI	≥80, ≥90	
Control	DMX	(UCS512H4L)
Dimming	16 bit	

Installation Conditions & Lighting Data

Segment Length (mm)	166,67	
Minimum Bending Diameter (mm)	50	
Maximum Run Length Power [1] (m)	Single Feed	20
	Double Feed	40
Maximum Run Length Data [1] (m)	@30fps	
	@50fps	
Lumen Maintenance Calculated Hours (h)	L70 @ 25°C 70,000 L70 @ 50°C 50,000	

[1] More details can be found in the Installation Guide document.

Operating

Environment	Outdoor
Installation Temperature (°C)	0 to +50
Working Temperature (°C)	–40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS, UL, UKCA, CB, FCC
Limited Warranty	5 Years

Physical

Housing Material	Silicone
Cable Material	Silicone
Connector Material	Nylon (PA66)
Housing Color	White
Connector Type	Bare Wires / M12
Weight (kg/m)	0,14
Dimensions WxHxL (mm)	15 x 7 x 1000

Options

Color/CCT

☐ 2200-5700K
☐ 2700-5700K
☐ 3000-5700K