LED Strip IP68   Multi Color RGBW 48V

The LED Strip IP68 Multi Color RGBW 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 bold light effects. 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, prolonged immersion in water, and physical impact.

↘ Dedicated White Channel — Features a 4in1 LED with an integrated white channel for superior color depth and high-quality architectural illumination.

CE   RoHS   IP68   IK08   (UL)   UKCA   FC

Specifications

General

Power Consumption (W/m)	20
Input Voltage (V DC)	48
LEDs (/m)	84
LED Pitch (mm)	11,9
Beam Angle (°)	120
LED Type	4in1
Color Range	RGBW
LEDs (/segment)	10
CRI	≥80, ≥90
Control	PWM

Installation Conditions & Lighting Data

Segment Length (mm)	100
Minimum Bending Diameter (mm)	50
Maximum Run Length Power [1] (m)	Single Feed
	Double Feed
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

☐ RGBW2700K
☐ RGBW3000K
☐ RGBW4000K
☐ RGBW5000K