

LED Strip IP68 Multi Color RGB 24V

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The LED Strip IP68 Multi Color RGB 24V 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.
- ▾ Efficient Architectural Integration – Operates at 24V with a 100mm segment length, allowing for precise fitment and reliable performance in professional outdoor installations.



Specifications

General

Power Consumption (W/m)	12
Input Voltage (V DC)	24
LEDs (/m)	60
LED Pitch (mm)	16,67
Beam Angle (°)	120
LED Type	3in1
Color Range	RGB
LEDs (/segment)	6
Control	PWM

Installation Conditions & Lighting Data

Segment Length (mm)	100
Minimum Bending Diameter (mm)	50
Maximum Run Length Power ¹ (m)	Single Feed 10 Double Feed 20
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