

DiGi LED Strip IP68 White 48V

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The DiGi LED Strip IP68 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 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, prolonged 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.



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	Discrete
Color Range	White
LEDs (/segment)	14
CRI	≥80, ≥90
Control	DMX (UCS512L1)
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

¹More 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

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> 2200K | <input type="checkbox"/> 4000K |
| <input type="checkbox"/> 2700K | <input type="checkbox"/> 4500K |
| <input type="checkbox"/> 3000K | <input type="checkbox"/> 5000K |
| <input type="checkbox"/> 3500K | <input type="checkbox"/> 6500K |

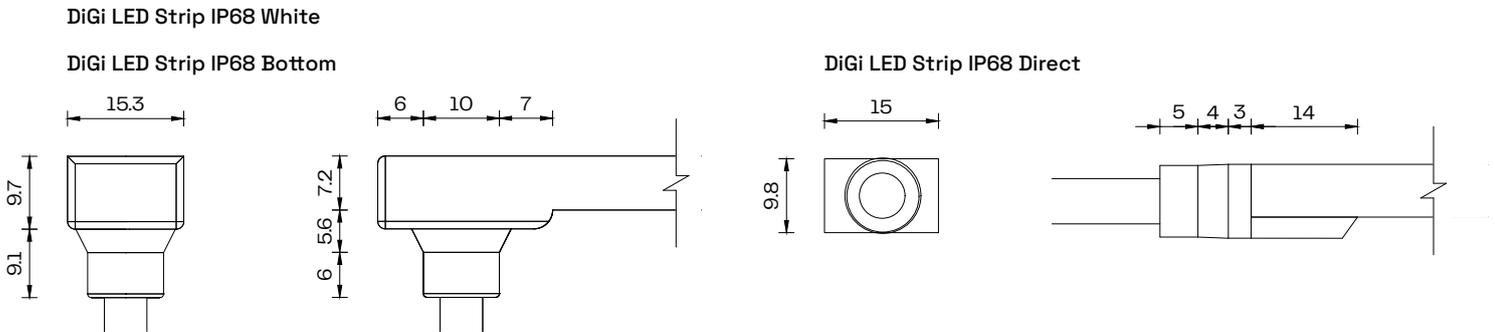
Lighting Specifications

DiGi LED Strip IP68

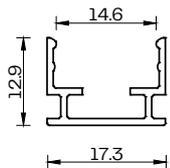
	Full White (mm)
48V 2200K DMX	
48V 2700K DMX	
48V 3000K DMX	
48V 3500K DMX	
48V 4000K DMX	
48V 4500K DMX	
48V 5000K DMX	
48V 6500K DMX	

Photometric Distribution

Dimensions



Accessory Options



Mounting Profile¹

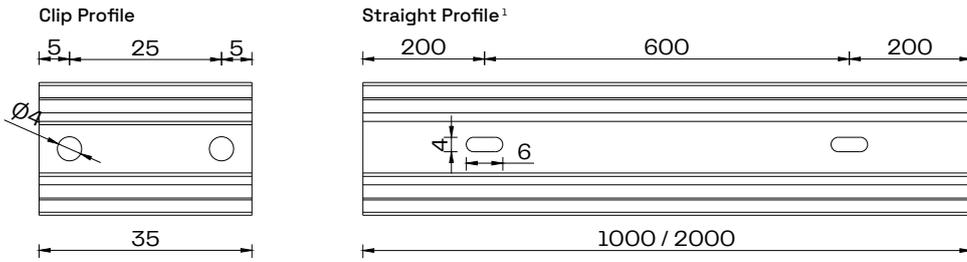
Straight Profile

Clip Profile²

Curved Profile

¹ Straight Profile is shown. The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.
² Straight installation has only 4 pieces per meter, while curved installation has 8 pieces per meter.

Profile Specifications



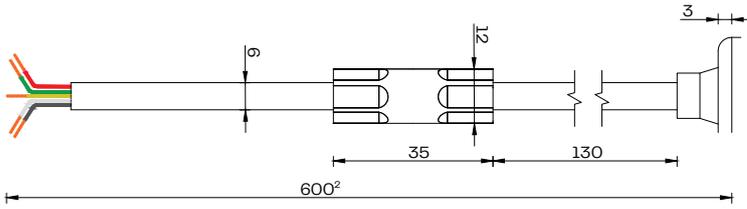
¹1000mm profile is standard. 2000mm is available to order.

Physical

Profile Material	Aluminum Alloy 6063
Aluminum Profile Finish	Blank Anodized

Connection Options

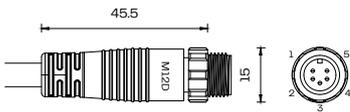
DMX Bare Wires with waterstop¹



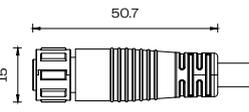
Wire Color

Red	48 V+
Green	Data +
Yellow	Data -
White	Program
Black	GND

M12 Male Connector³



M12 Female Connector



¹Removing the waterstop will void the warranty.

²600mm cable length is standard. Custom length is available on request.

³When opting for M12 connector the cable including connector is 300mm.

Connector Pin

Pin 1	Red	48 V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND

Product References

DiGi LED Strip IP68

Reference	Description
3172321	DiGi LED Strip IP68 48V 2200K DMX
3172322	DiGi LED Strip IP68 48V 2700K DMX
3172323	DiGi LED Strip IP68 48V 3000K DMX
3172324	DiGi LED Strip IP68 48V 3500K DMX
3172325	DiGi LED Strip IP68 48V 4000K DMX
3172326	DiGi LED Strip IP68 48V 4500K DMX
3172327	DiGi LED Strip IP68 48V 5000K DMX
3172328	DiGi LED Strip IP68 48V 6500K DMX

Accessories

Reference	Description
3173000	LED Strip IP68 Straight Profile 1000
3173001	LED Strip IP68 Straight Profile 2000