

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)	15
Input Voltage (V DC)	24
LEDs (/m)	70
LED Pitch (mm)	14,29
Pixels (/m)	10
Pixel Pitch (mm)	100
Channels (/m)	30
Beam Angle (°)	120
LED Type	Discrete
Color Range	White
LEDs (/segment)	7
CRI	≥80, ≥90
Control	DMX (UCS512H4L) / SPI (UCS8903)
Dimming	16 bit

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

Installation Conditions & Lighting Data		
Segment Length (mm)	100	
Minimum Bending Diameter (mm)	50	
Maximum Run Length Power <sup>1</sup> (m)	Single Feed	8
	Double Feed	16
Maximum Run Length DMX <sup>1</sup> (m)	@30fps	44
	@50fps	26
Maximum Run Length SPI <sup>1</sup> (m)	@30fps	
	@50fps	
Lumen Maintenance Calculated Hours (h)	L70 @ 25°C	70,000
	L70 @ 50°C	50,000

<sup>1</sup> 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

## 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 (m/m)
2200K	
2700K	
3000K	
3500K	
4000K	
4500K	
5000K	
6500K	

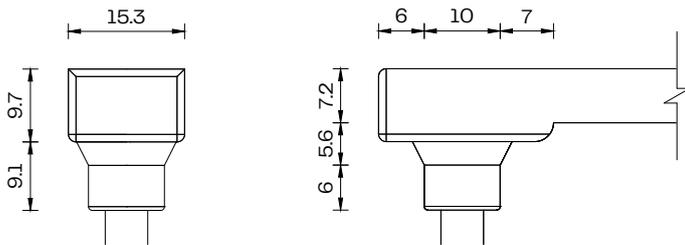
	Full White (m/m)
2200K DMX	
2700K DMX	
3000K DMX	
3500K DMX	
4000K DMX	
4500K DMX	
5000K DMX	
6500K DMX	

## Photometric Distribution

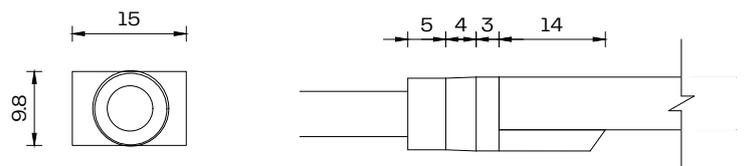
## Dimensions

DiGi LED Strip IP68 Multi Color

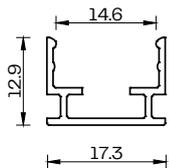
DiGi LED Strip IP68 Bottom



DiGi LED Strip IP68 Direct



## Accessory Options



Mounting Profile<sup>1</sup>

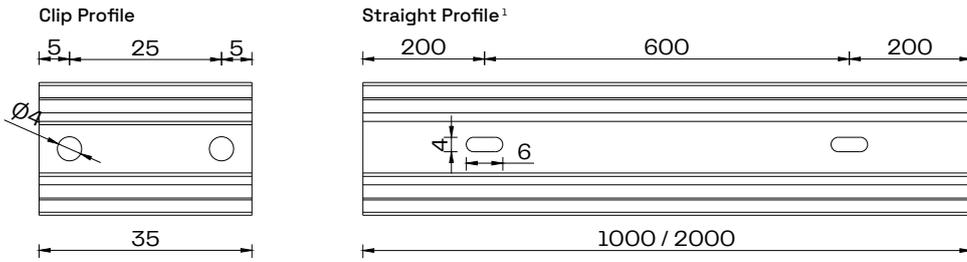
Straight Profile

Clip Profile<sup>2</sup>

Curved Profile

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

# Profile Specifications



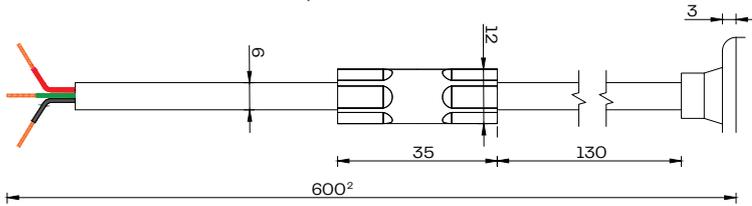
<sup>1</sup>1000mm profile is standard. 2000mm is available to order.

## Physical

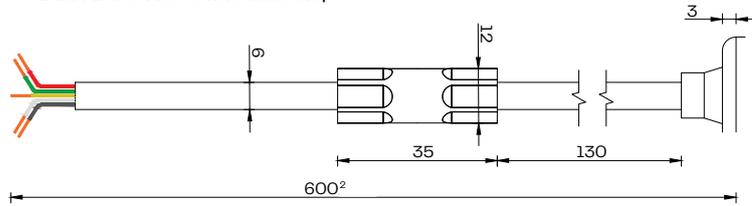
Profile Material	Aluminum Alloy 6063
Aluminum Profile Finish	Blank Anodized

# Connection Options

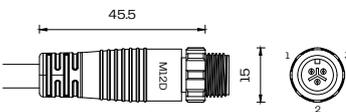
SPI Bare Wires with waterstop<sup>1</sup>



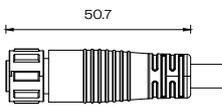
DMX Bare Wires with waterstop<sup>1</sup>



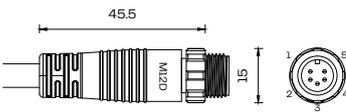
M12 Male Connector<sup>3</sup>



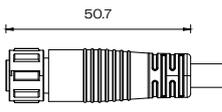
M12 Female Connector



M12 Male Connector<sup>3</sup>



M12 Female Connector



<sup>1</sup>Removing the waterstop will void the warranty.

<sup>2</sup>600mm cable length is standard. Custom length is available on request.

<sup>3</sup>When opting for M12 connector the cable including connector is 300mm.

## Wire Color

Red	24 V+
Green	Data
Black	GND

## Wire Color

Red	24 V+
Green	Data +
Yellow	Data -
White	Program
Black	GND

## Connector Pin

Pin 1	Red	24 V+
Pin 2	Green	Data
Pin 3	Black	GND

## Connector Pin

Pin 1	Red	24 V+
Pin 2	Green	Data +
Pin 3	White	Program
Pin 4	Yellow	Data -
Pin 5	Black	GND

# Product References

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## DiGi LED Strip IP68

Reference	Description
3172305	DiGi LED Strip IP68 2200K
3172306	DiGi LED Strip IP68 2700K
3172307	DiGi LED Strip IP68 3000K
3172308	DiGi LED Strip IP68 3500K
3172309	DiGi LED Strip IP68 4000K
3172310	DiGi LED Strip IP68 4500K
3172311	DiGi LED Strip IP68 5000K
3172312	DiGi LED Strip IP68 6500K
3172313	DiGi LED Strip IP68 2200K DMX
3172314	DiGi LED Strip IP68 2700K DMX
3172315	DiGi LED Strip IP68 3000K DMX
3172316	DiGi LED Strip IP68 3500K DMX
3172317	DiGi LED Strip IP68 4000K DMX
3172318	DiGi LED Strip IP68 4500K DMX
3172319	DiGi LED Strip IP68 5000K DMX
3172320	DiGi LED Strip IP68 6500K DMX

## Accessories

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