

The DiGi Linear V-Series delivers high-resolution pixel control for dynamic architectural displays, media facades, and entertainment installations requiring precise individual LED addressability. This advanced 48V fixture features an ultra-tight pixel pitch, offering exceptional resolution for detailed graphics and smooth RGB color transitions.

Engineered with lightweight aluminum construction and comprehensive IP67 protection, the V-Series provides reliable performance for demanding outdoor installations.

- High-Resolution Pixel - 16.67mm pixel pitch with 60 individually controllable pixels per meter for detailed graphics and smooth transitions.
- Wide-Angle Coverage - Expansive 150° beam angle availability with lightweight aluminum construction for versatile installation applications.



CE RoHS IP67 IK08

Specifications

General

Power Consumption (W/900mm)	12	
Input Voltage (V DC)	48	
LEDs (/900mm)	54	
Pixels (/900mm)	54	
Pixel Pitch (mm)	16,67	
Channels (/900mm)	162	
Beam Angle (°)	Flat	95
	Dome, Square	150
LED Type	3in1	
Color Range	RGB	
CRI	≥80	
Control ¹	SPI	
Dimming	8 bit	

¹ Compatible SPI protocol can be found on the fixture.

Installation Conditions & Lighting Data

Maximum Run Length Power ² (m)	28,8	
Maximum Run Length Data ² (m)	@30fps	7,6
	@50fps	4,7
Maximum Leader Cable Length ² (m)	Up to 20	
Delivered Lumen Full RGB (lm)		
Lumen Maintenance Calculated Hours (h)	L70B10 50,000	

² More details can be found in the Installation Guide document.

Operating

Environment	Outdoor
Storage Temperature (°C)	-30 to +65
Working Temperature (°C)	-20 to +55
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	3 Years

Physical

Housing Material	Aluminum (AW-6063)	
Cable Material	PCP	
Connector Material	Nylon (PA66)	
Cover Material	PC	
Housing Color	Grey (default) / Black / White	
Cable Color	Black	
Connector Type	M12 3Pin	
Weight (kg)	300mm	0,3
	600mm	0,55
	900mm	0,8
	1200mm	1,2
	1500mm	1,4
Dimensions WxH (mm)	Flat	32 x 18,3
	Dome, Square	46 x 18,3

Options

Length

- 300mm
- 600mm
- 900mm
- 1200mm
- 1500mm

Covers

- Flat Opal
- Flat Transparent
- Dome Opal
- Square Opal

Lighting Specifications

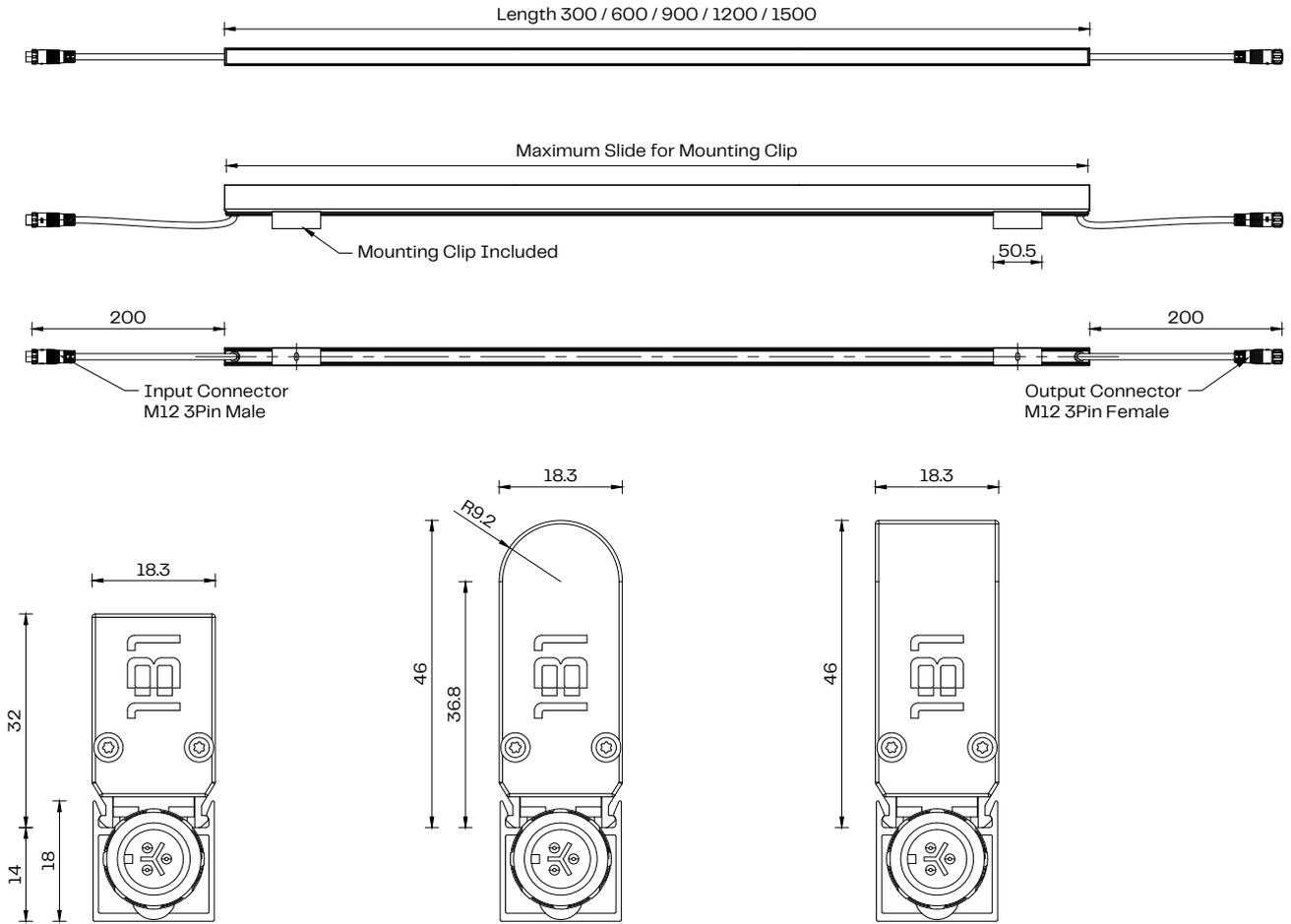
DiGi Linear V-Series

	Full RGB (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)
RGB 300mm Flat Opal				
RGB 300mm Flat Transparent				
RGB 300mm Dome Opal				
RGB 300mm Square Opal				
RGB 600mm Flat Opal				
RGB 600mm Flat Transparent				
RGB 600mm Dome Opal				
RGB 600mm Square Opal				
RGB 900mm Flat Opal				
RGB 900mm Flat Transparent				
RGB 900mm Dome Opal				
RGB 900mm Square Opal				
RGB 1200mm Flat Opal				
RGB 1200mm Flat Transparent				
RGB 1200mm Dome Opal				
RGB 1200mm Square Opal				
RGB 1500mm Flat Opal				
RGB 1500mm Flat Transparent				
RGB 1500mm Dome Opal				
RGB 1500mm Square Opal				

Photometric Distribution

Dimensions

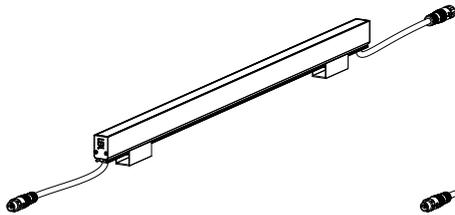
DiGi Linear V-Series Multi Color¹



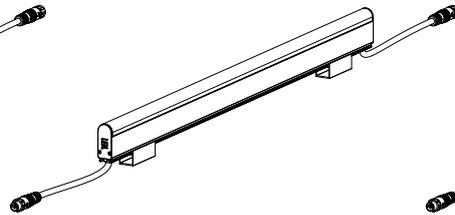
¹The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.

Accessory Options

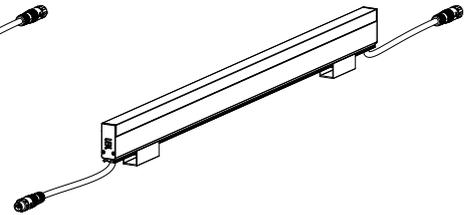
Flat Cover



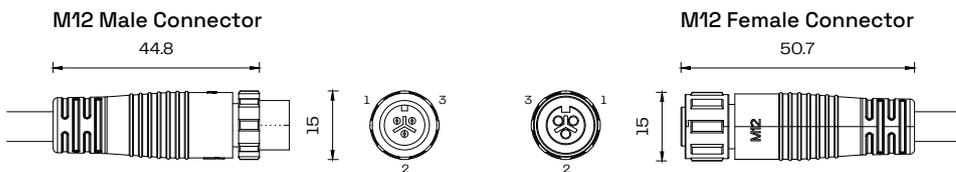
Dome Cover



Square Cover



Connection



Connector Pin

Pin 1	Red	48 V+
Pin 2	Green	Data
Pin 3	Black	GND

Product References

DiGi Linear

Reference	Description
	DiGi Linear V-Series RGB 300mm Flat Opal
	DiGi Linear V-Series RGB 300mm Flat Transparent
3555531	DiGi Linear V-Series RGB 300mm Dome Opal
	DiGi Linear V-Series RGB 300mm Square Opal
	DiGi Linear V-Series RGB 600mm Flat Opal
	DiGi Linear V-Series RGB 600mm Flat Transparent
3555532	DiGi Linear V-Series RGB 600mm Dome Opal
	DiGi Linear V-Series RGB 600mm Square Opal
	DiGi Linear V-Series RGB 900mm Flat Opal
	DiGi Linear V-Series RGB 900mm Flat Transparent
3555533	DiGi Linear V-Series RGB 900mm Dome Opal
	DiGi Linear V-Series RGB 900mm Square Opal
	DiGi Linear V-Series RGB 1200mm Flat Opal
	DiGi Linear V-Series RGB 1200mm Flat Transparent
3555534	DiGi Linear V-Series RGB 1200mm Dome Opal
	DiGi Linear V-Series RGB 1200mm Square Opal
	DiGi Linear V-Series RGB 1500mm Flat Opal
	DiGi Linear V-Series RGB 1500mm Flat Transparent
3555535	DiGi Linear V-Series RGB 1500mm Dome Opal
	DiGi Linear V-Series RGB 1500mm Square Opal