

The DiGi Linear V-Series delivers high-resolution pixel control for dynamic architectural accents, 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 Tunable White 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)	15
Input Voltage (V DC)	48
LEDs (/900mm)	54 + 54
Pixels (/900mm)	54
Pixel Pitch (mm)	16,67
Channels (/900mm)	162
Beam Angle (°)	Flat 95 Dome, Square 150
LED Type	Discrete
Color Range	Tunable White
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)	23
Maximum Run Length Data ² (m)	@30fps 7,6 @50fps 4,7
Maximum Leader Cable Length ² (m)	Up to 20
Delivered Lumen Full White (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

Color/CCT

- 2700-5700K

Length

- 300mm
 600mm
 900mm
 1200mm
 1500mm

Covers

- Flat Opal
 Flat Transparent
 Dome Opal
 Square Opal

Lighting Specifications

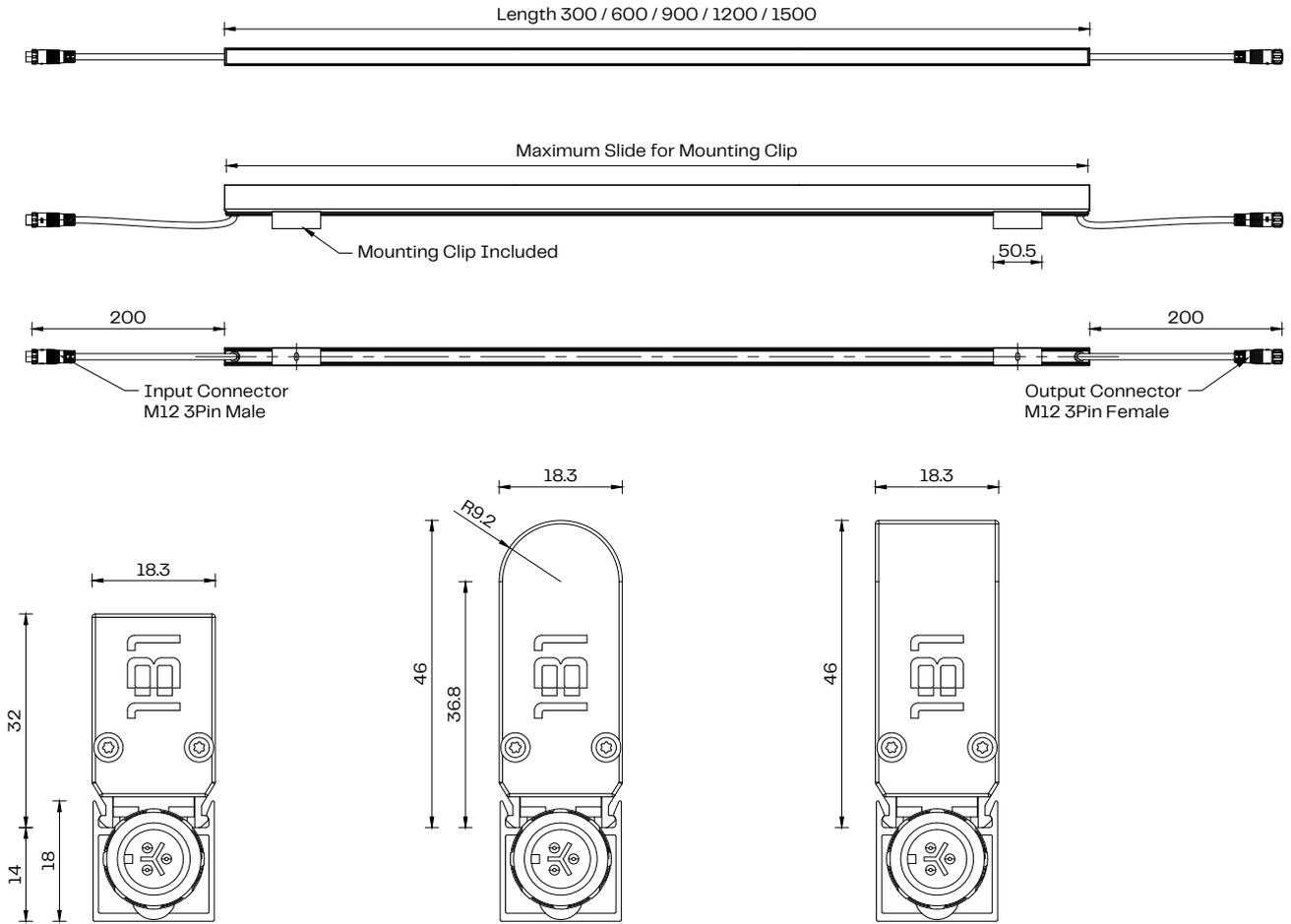
DiGi Linear V-Series

	Full White (lm/m)	Warm White (lm/m)	Cold White (lm/m)
Tunable White 2700-5700K 300mm Flat Opal			
Tunable White 2700-5700K 300mm Flat Transparent			
Tunable White 2700-5700K 300mm Dome Opal			
Tunable White 2700-5700K 300mm Square Opal			
Tunable White 2700-5700K 600mm Flat Opal			
Tunable White 2700-5700K 600mm Flat Transparent			
Tunable White 2700-5700K 600mm Dome Opal			
Tunable White 2700-5700K 600mm Square Opal			
Tunable White 2700-5700K 900mm Flat Opal			
Tunable White 2700-5700K 900mm Flat Transparent			
Tunable White 2700-5700K 900mm Dome Opal			
Tunable White 2700-5700K 900mm Square Opal			
Tunable White 2700-5700K 1200mm Flat Opal			
Tunable White 2700-5700K 1200mm Flat Transparent			
Tunable White 2700-5700K 1200mm Dome Opal			
Tunable White 2700-5700K 1200mm Square Opal			
Tunable White 2700-5700K 1500mm Flat Opal			
Tunable White 2700-5700K 1500mm Flat Transparent			
Tunable White 2700-5700K 1500mm Dome Opal			
Tunable White 2700-5700K 1500mm Square Opal			

Photometric Distribution

Dimensions

DiGi Linear V-Series Tunable White¹



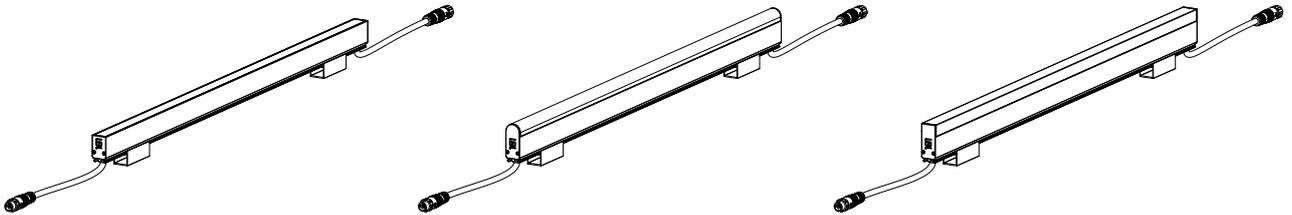
¹The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.

Accessory Options

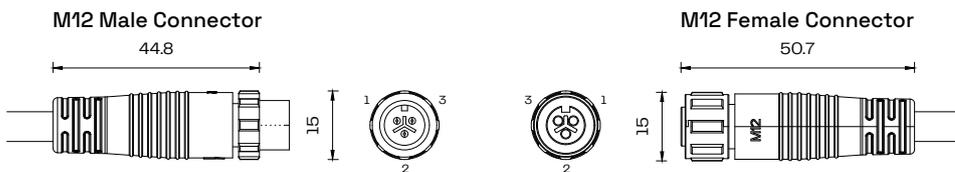
Flat Cover

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 Tunable White 2700-5700K 300mm Flat Opal
	DiGi Linear V-Series Tunable White 2700-5700K 300mm Flat Transparent
3555546	DiGi Linear V-Series Tunable White 2700-5700K 300mm Dome Opal
	DiGi Linear V-Series Tunable White 2700-5700K 300mm Square Opal
	DiGi Linear V-Series Tunable White 2700-5700K 600mm Flat Opal
	DiGi Linear V-Series Tunable White 2700-5700K 600mm Flat Transparent
3555547	DiGi Linear V-Series Tunable White 2700-5700K 600mm Dome Opal
	DiGi Linear V-Series Tunable White 2700-5700K 600mm Square Opal
	DiGi Linear V-Series Tunable White 2700-5700K 900mm Flat Opal
	DiGi Linear V-Series Tunable White 2700-5700K 900mm Flat Transparent
3555548	DiGi Linear V-Series Tunable White 2700-5700K 900mm Dome Opal
	DiGi Linear V-Series Tunable White 2700-5700K 900mm Square Opal
	DiGi Linear V-Series Tunable White 2700-5700K 1200mm Flat Opal
	DiGi Linear V-Series Tunable White 2700-5700K 1200mm Flat Transparent
3555549	DiGi Linear V-Series Tunable White 2700-5700K 1200mm Dome Opal
	DiGi Linear V-Series Tunable White 2700-5700K 1200mm Square Opal
	DiGi Linear V-Series Tunable White 2700-5700K 1500mm Flat Opal
	DiGi Linear V-Series Tunable White 2700-5700K 1500mm Flat Transparent
3555550	DiGi Linear V-Series Tunable White 2700-5700K 1500mm Dome Opal
	DiGi Linear V-Series Tunable White 2700-5700K 1500mm Square Opal