

The DiGi Linear M-Series is a touring-ready RGB linear. It delivers vibrant, precise color with SPI control for smooth mixing and dynamic effects across stages, set pieces, truss lines, and temporary façades.

A rugged build with weather-ready protection supports indoor & outdoor deployments, while flexible mounting and cabling streamline fast load-ins, changeovers, and tear-downs—ideal for entertainment and broadcast environments.

- ▾ High-Efficiency RGB 3in1 LED - SPI control for precise color mixing and dynamic effects.
- ▾ Premium Environmental Protection - Aluminum construction with IP65/IK07 rating for reliable indoor/outdoor performance in demanding conditions.



CE RoHS IP65 IK07

Specifications

General

Power Consumption (W/m)	15
Input Voltage (V DC)	24
LEDs (/m)	72
Pixels (/m)	12
Pixel Pitch (mm)	83,2
Channels (/m)	36
Beam Angle (°)	110
LED Type	3in1
Color Range	RGB
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)	10
Maximum Run Length Data ² (m)	@30fps 70
	@50fps 40
Maximum Leader Cable Length ² (m)	Up to 20
Delivered Lumen Full RGB (lm)	
Lumen Maintenance Calculated Hours (h)	L70B20 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
Flame Resistant	Yes
IK Rating	IK07
IP Rating	IP65
Certification	CE, RoHS
Warranty	3 Years

Physical

Housing Material	Aluminum (AW-6063)
Cable Material	PCP
Connector Material	Nylon (PA66)
Cover Material	PC
Housing Color	Black (Custom on Request)
Cable Color	Black
Connector Type	M12 3Pin
Weight (kg)	500mm 0,4
	1000mm 0,8
	2000mm 1,6
Dimensions WxH (mm)	30 x 28,5

Options

Length

- 500mm
- 1000mm
- 2000mm

Lighting Specifications

DiGi Linear M-Series

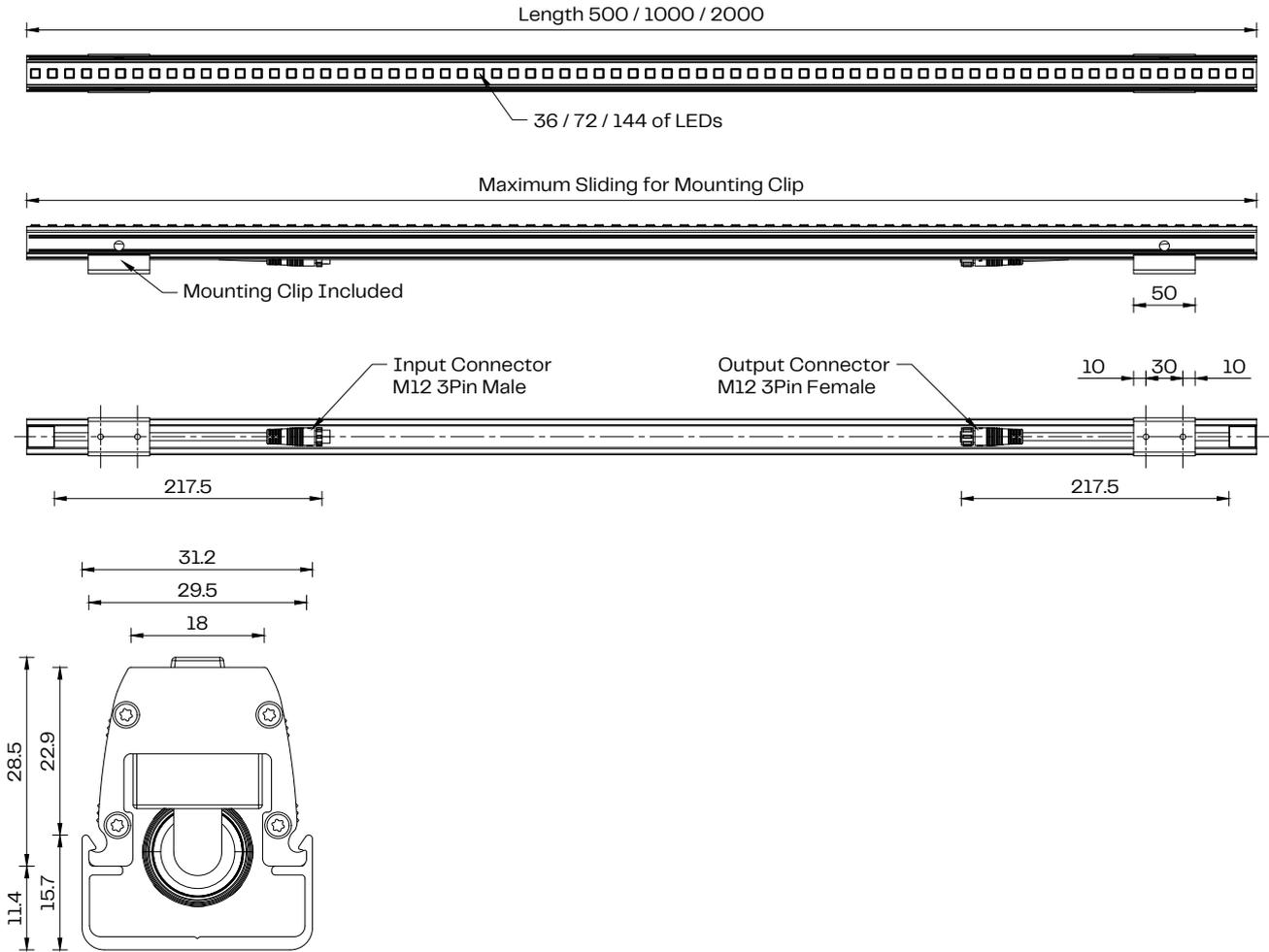
	Full RGB (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)
RGB 500mm				
RGB 1000mm				
RGB 2000mm				

	Red (nm)	Green (nm)	Blue (nm)
Spectral Information	620-625	520-525	460-465

Photometric Distribution

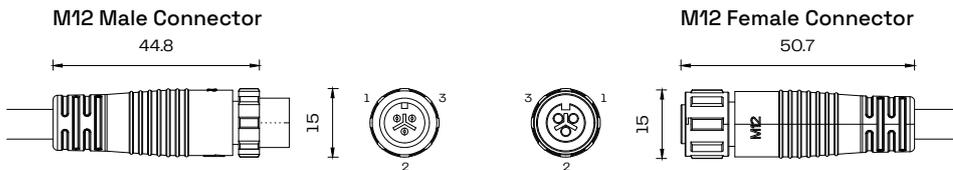
Dimensions

DiGi Linear M-Series Multi Color¹



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

Connection



Connector Pin

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

Product References

DiGi Linear

Reference	Description
3555140	DiGi Linear M-series 500mm
3555150	DiGi Linear M-series 1000mm
3555160	DiGi Linear M-series 2000mm