

DiGi Linear D-Series 2

Multi Color RGBW

181

The DiGi Linear D-Series 2 delivers next-generation linear LED performance engineered for demanding architectural landmarks, commercial spaces, and challenging outdoor environments including coastal installations.

This fixture combines great lumen output with advanced LED density, designed for professional applications requiring superior light quality, extended data transmission, and reliability in harsh conditions.

- Enhanced LED Architecture – 40 LEDs/m density delivering outstanding output with superior RGBW color mixing
- Extended Data Performance – Delivers industry-leading 25-meter data transmission at 50 FPS to ensure seamless large-scale installation control



CE

RoHS

IP68

IK08

Specifications

General	
Power Consumption (W/900mm)	18
Input Voltage (V DC)	48
LEDs (/900mm)	36
Pixels (/900mm)	36
Pixel Pitch (mm)	25
Channels (/900mm)	144
Beam Angle (°)	115
LED Type	4in1
Color Range	RGBW
CRI	≥80
Control	SPI
Dimming	16 bit

Installation Conditions & Lighting Data		
Maximum Run Length Power ¹ (m)	20	
Maximum Run Length Data ¹ (m)	@50fps	Up to 25
Maximum Leader Cable Length ¹ (m)	Up to 20	
Delivered Lumen Full RGBW (lm)	1150 (RGBW3000K 1500mm)	
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

¹More details can be found in the Installation Guide document.

Operating	
Environment	Outdoor
Storage Temperature (°C)	-30 to +90
Working Temperature (°C)	-20 to +85
Saltwater Resistant	Yes
Coastal Environmental Proof	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHs
Warranty	5 Years

Physical		
Housing Material	Aluminum (AW-6063)	
Cable Material	PCP	
Connector Material	Nylon (PA66)	
Cover Material	PC	
Housing Color	Grey RAL7047 (Custom on Request)	
Cable Color	Black	
Connector Type	M16 5Pin	
Weight (kg)	300mm	0,3
	600mm	0,6
	900mm	0,9
	1200mm	1,2
	1500mm	1,5
Dimensions WxH (mm)	24 x 24	

Options

Color/CCT
☐ RGBW3000K
☐ RGBW4000K

Length
☐ 300mm
☐ 600mm
☐ 900mm
☐ 1200mm
☐ 1500mm

Lighting Specifications

DiGi Linear D-Series 2

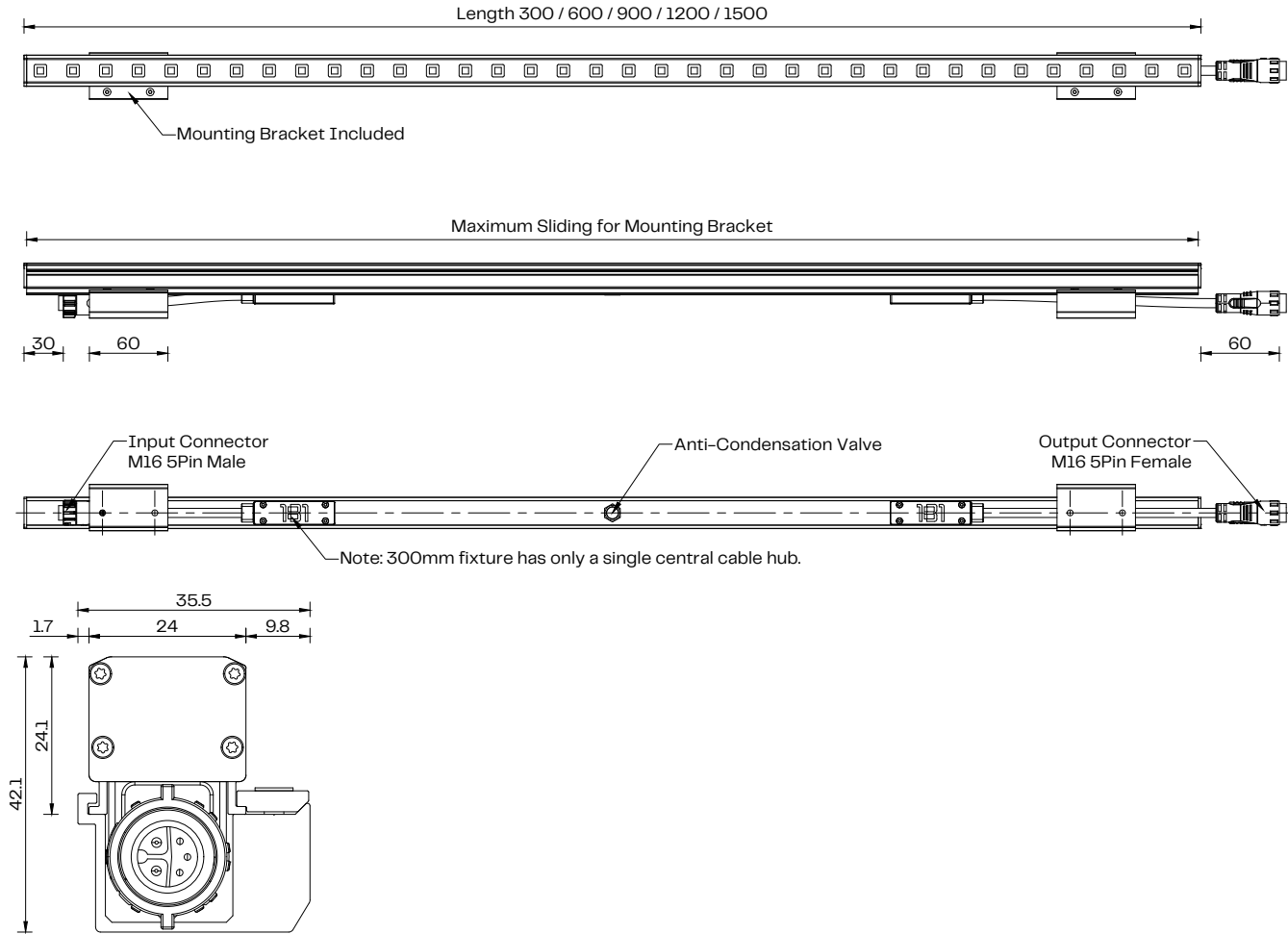
	Full RGBW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW3000K 300mm	471	68	183	38	187
RGBW4000K 300mm	490	71	190	39	195
RGBW3000K 600mm	589	86	228	47	234
RGBW4000K 600mm	612	89	237	49	243
RGBW3000K 900mm	736	107	285	59	292
RGBW4000K 900mm	765	111	297	61	304
RGBW3000K 1200mm	920	134	357	74	366
RGBW4000K 1200mm	957	139	371	77	380
RGBW3000K 1500mm	1150	167	446	92	457
RGBW4000K 1500mm	1196	174	464	96	475

	Red (nm)	Green (nm)	Blue (nm)
Spectral information	620-625	520-525	465-470

Photometric Distribution

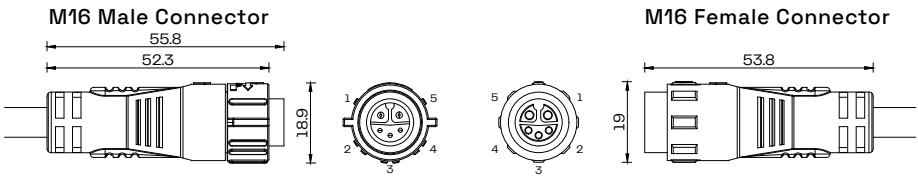
Dimensions

DiGi Linear D-Series 2 Multi Color¹



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

Connection



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 Linear

Reference	Description
3556602	DiGi Linear D-Series 2 RGBW3000K 300mm
3556603	DiGi Linear D-Series 2 RGBW4000K 300mm
3556605	DiGi Linear D-Series 2 RGBW3000K 600mm
3556606	DiGi Linear D-Series 2 RGBW4000K 600mm
3556608	DiGi Linear D-Series 2 RGBW3000K 900mm
3556609	DiGi Linear D-Series 2 RGBW4000K 900mm
3556611	DiGi Linear D-Series 2 RGBW3000K 1200mm
3556612	DiGi Linear D-Series 2 RGBW4000K 1200mm
3556614	DiGi Linear D-Series 2 RGBW3000K 1500mm
3556615	DiGi Linear D-Series 2 RGBW4000K 1500mm