Linear Soft Line Multi Color RGBW

The Linear Soft Line offers a sophisticated solution for revealing textural elements in premium spaces. Its distinctive soft optic creates smooth illumination that highlights architectural surfaces with elegance and precision, eliminating harsh shadows and hotspots that compromise design integrity.

Perfect for grazing stone facades, textured walls, and surfaces in high–end hospitality, luxury retail, and premium residential environments. This versatile fixture delivers refined, controlled lighting that showcases textures exactly as intended while enhancing rather than overwhelming architectural features.

↘ Distinctive soft optic technology – Creates exceptionally smooth, even illumination without harsh shadows or hotspots

↘ Premium texture highlighting – Specifically designed to reveal and enhance architectural surface details with precision

CE   RoHS   IP67   IK08

Specifications

General

Power Consumption (W/m)	24
Input Voltage (V DC)	24
LEDs (/m)	80
LED Pitch (mm)	12,5
Pixels (/m)	2
Flicker Frequency (kHz)	0,97
LED Type	4in1
Channels (/m)	8
Color Range	RGBW
Optic (°)	12x66
CRI	≥80 (Custom on Request)
Control	DMX
Dimming	16 bit

Installation Conditions & Lighting Data

Maximum Run Length Power[1] (m)	6	
Maximum Run Length Data[1] (m)	@45fps	64
Delivered Lumen Full RGBW (lm)		
Lumen Maintenance Calculated Hours (h)	L80B10 50,000	

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

Operating

Environment	Outdoor
Storage Temperature (°C)	–30 to +70
Working Temperature (°C)	–25 to +65
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP67
Certification	CE, RoHS
Warranty	3 Years

Physical

Housing Material	Aluminum (AA6063)
Connector Material	Nylon (PA66)
Cover Material	Tempered Glass
Housing Color	Grey RAL9023 (Custom on Request)
Cable Color	Black
Connector Type	M12 5Pin
Weight (kg/m)	1,4
Dimensions WxH (mm)	65 x 55
Length (mm)	500 / 1000

Options

Color/CCT

☐ RGBW2700K
☐ RGBW3000K
☐ RGBW4000K
☐ RGBW5000K

Length

☐ 500 mm
☐ 1000 mm

Accessories

☐ Glare Shield

Lighting Specifications

Linear Soft Line

	Full RGBW (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)	White (lm/m)
RGBW2700K 12°x66° 500					
RGBW2700K 12°x66° 1000					
RGBW3000K 12°x66° 500					
RGBW3000K 12°x66° 1000					
RGBW4000K 12°x66° 500					
RGBW4000K 12°x66° 1000					
RGBW5000K 12°x66° 500					
RGBW5000K 12°x66° 1000					

Photometric Distribution

Dimensions

Linear Soft Line Multi Color[1]

Length 500 / 1000

Maximum Sliding for Mounting Bracket

430

30   35

19

60

Mounting Bracket Included

Single Central Cable Hub

Input Connector
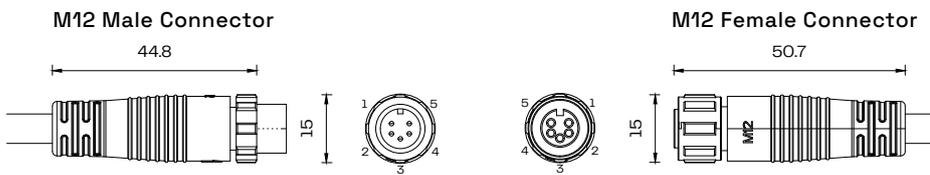M12 5Pin Male

Output Connector
M12 5Pin Female

42

8   26   8

55.1

32

23.1
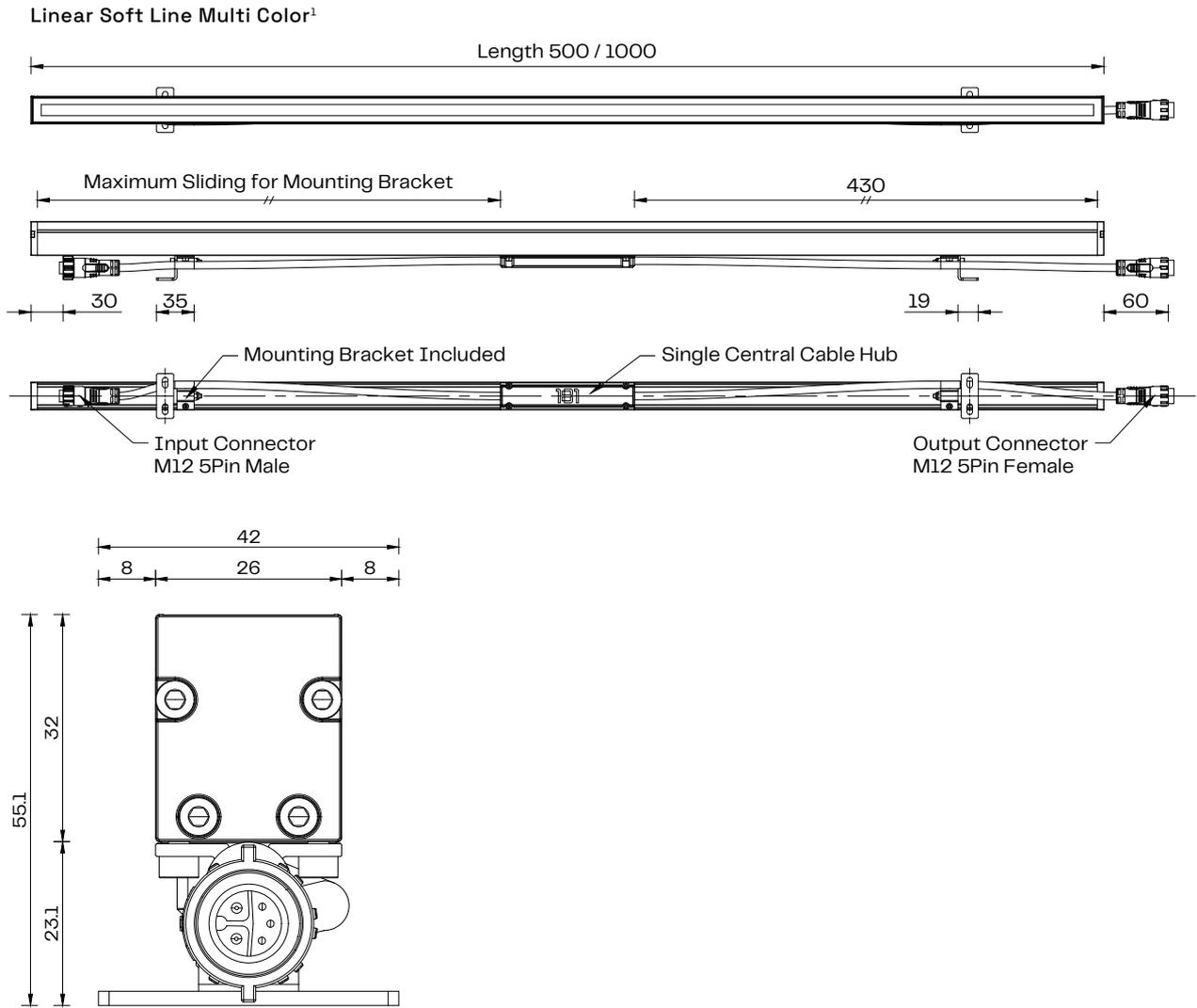
[1] The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.

Connection

M12 Male Connector

44.8

15

1   5

2   4

3

M12 Female Connector

50.7

5   1

4   2

3

15

M12

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

Linear Soft Line

Reference	Description
3452746	Linear Soft Line RGBW2700K 12°x66° 500
3452750	Linear Soft Line RGBW2700K 12°x66° 1000
3452747	Linear Soft Line RGBW3000K 12°x66° 500
3452751	Linear Soft Line RGBW3000K 12°x66° 1000
3452748	Linear Soft Line RGBW4000K 12°x66° 500
3452752	Linear Soft Line RGBW4000K 12°x66° 1000
3452749	Linear Soft Line RGBW5000K 12°x66° 500
3452753	Linear Soft Line RGBW5000K 12°x66° 1000