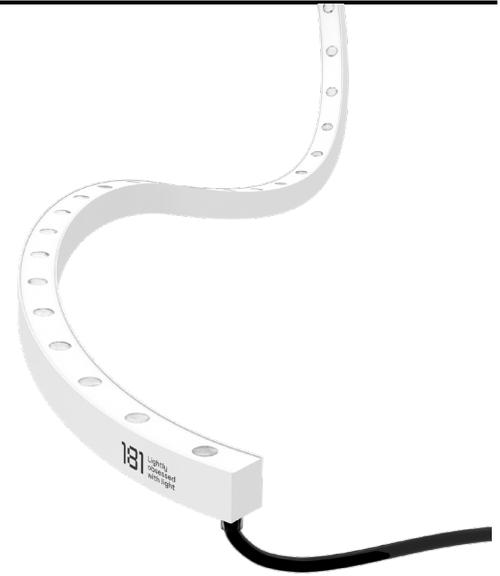


The Linear Flex Silicone delivers professional-grade illumination with exceptional environmental durability. This specialized fixture combines installation flexibility with robust construction.

Engineered with full silicone housing and reliable performance in exposed outdoor locations and wet environments. The fixture's versatile beam angle options provide precise optical control, integrating seamlessly into professional lighting designs for hospitality exteriors, commercial landscapes, and architectural accent applications.

- Flexible Installation Format – Adapts to both linear runs and complex curved architectural geometries.
- Precision Optic Array – Complete beam control spectrum with five symmetric angles and specialized asymmetric optics for advanced linear lighting design.



Specifications

General

Power Consumption (W/m)	18
Input Voltage (V DC)	24
LEDs (/m)	24
LED Pitch (mm)	41,7
LEDs (/seg.)	6
LED Type	3in1
Color Range	RGB
Control	PWM

Installation Conditions & Lighting Data

Segment Length (mm)	250	
Minimum Bending Radius ¹ (mm)	Side	400
	Top	250
Maximum Run Length Power ¹ (m)	Single Feed	4
	Double Feed	8
Delivered Lumen Full RGB (lm)		
Lumen Maintenance Calculated Hours (h)	L70 @25°C	70,000
	L70 @50°C	50,000

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

Operating

Environment	Outdoor
Storage Temperature (°C)	0 to +50
Working Temperature (°C)	-40 to +55
Saltwater Resistant	Yes
UV Resistant	Yes
Flame Resistant	Yes
IK Rating	IK08
IP Rating	IP68
Certification	CE, RoHS, UL, UKCA, CB, FCC
Limited Warranty	5 Years

Physical

Housing Material	Silicone
Cover Material	Silicone
Connector Material	Nylon (PA66)
Housing Color	White RAL9003 (Custom on Request)
Cable Color	Black
Connector Type Options	Bare Wires / M12 5Pin
Weight (kg/m)	0,6
Dimensions WxH (mm)	18 x 18

Options

Optics

- 60°
- 20°x40°

Accessories

- Honeycomb
- Mounting Profile
- Mounting Clip
- Mounting Profile Glare Shield
- Mounting Profile Cable Duct

Lighting Specifications

Linear Flex Silicone

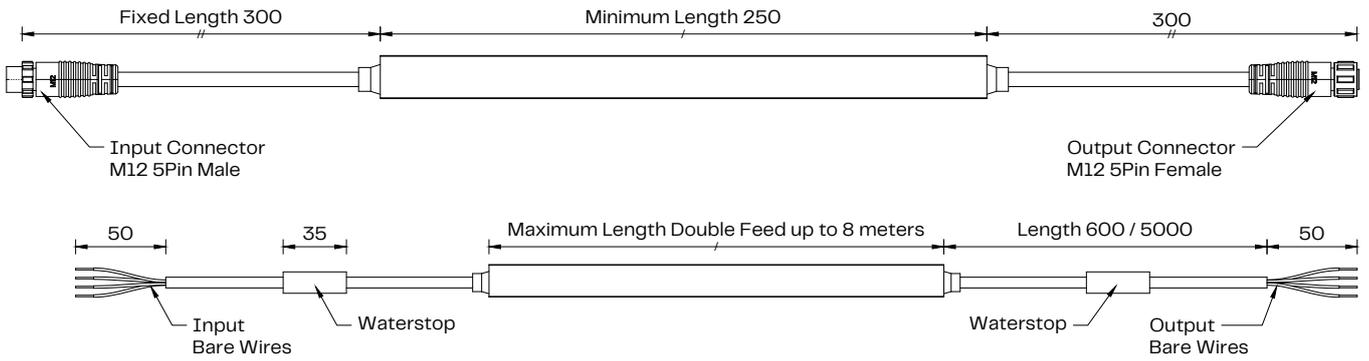
	Full RGB (lm/m)	Red (lm/m)	Green (lm/m)	Blue (lm/m)
RGB 60°				
RGB 20°x40°				

Photometric Distribution

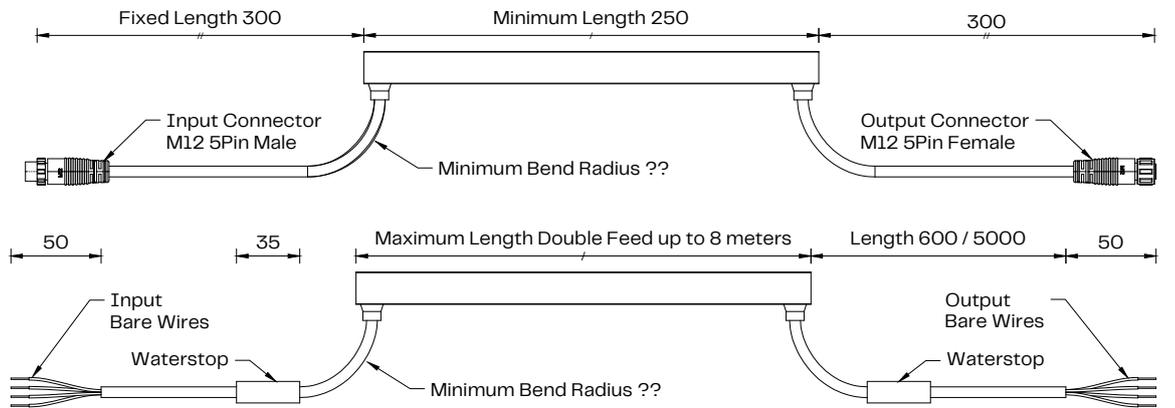
Dimensions

Linear Flex Silicone Multi Color¹

Linear Flex Silicone Direct



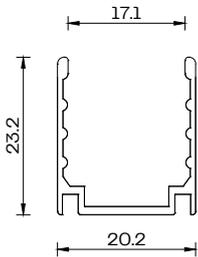
Linear Flex Silicone Bottom



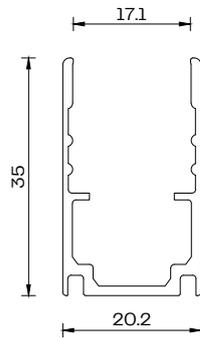
¹ The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.

Accessory Options

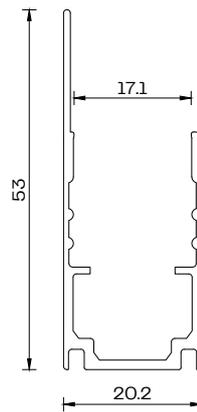
Mounting Profile



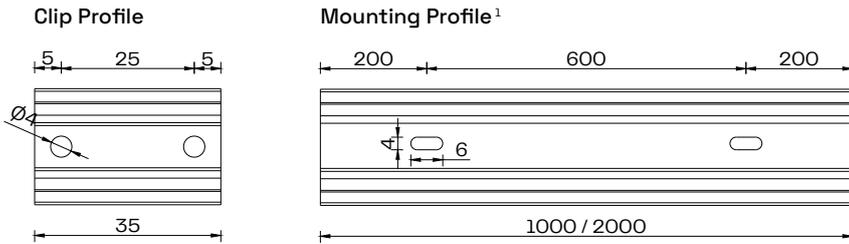
Cable Duct



Glare Shield



Profile Specifications

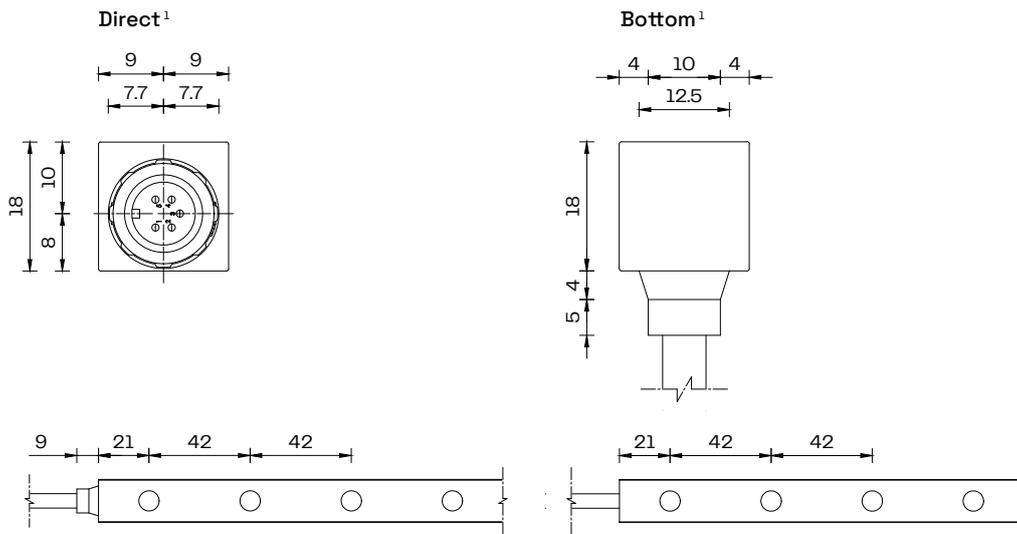


Physical

Profile Material	Aluminum Alloy 6063
Transparent Profile Material	Polycarbonate
Aluminum Profile Finish	Blank Anodized

¹1000mm profile is standard. 2000mm is available to order.

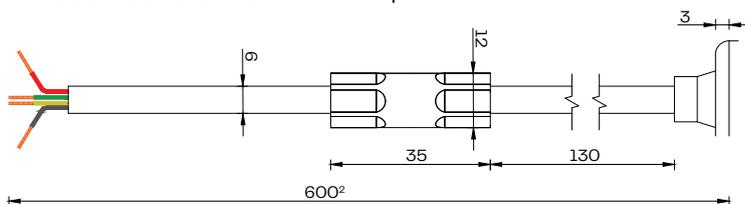
Cable Entry Options



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

Connection Options

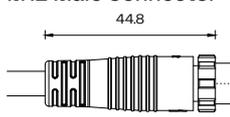
Multi Color RGB Bare Wires with waterstop¹



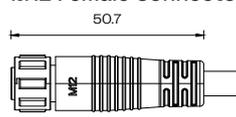
Wire Color

Red	24 V+
Green	Green
Yellow	Red
Black	Blue

M12 Male Connector³



M12 Female Connector³



Connector Pin

Pin 1	Red	24 V+
Pin 2	Green	Green
Pin 3	Yellow	Red
Pin 4	White	NC
Pin 5	Black	Blue

¹ Removing the waterstop will void the warranty.

² 600 mm cable length is standard. Custom length is available on request.

³ When opting for M12 connector the cable including connector is 300 mm.

Product References

Linear Flex Silicone

Reference	Description