

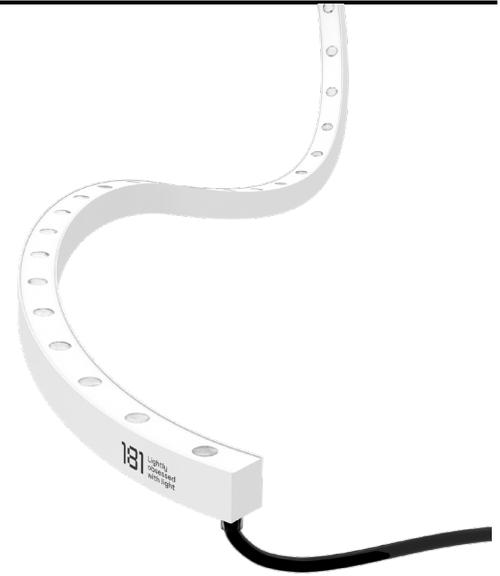
Linear Flex Silicone White

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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	Discrete
Color Range	White
CRI	≥80, ≥90
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 5
	Double Feed 10
Delivered Lumen Full White (lm)	1584 (3500K 38°)
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 2Pin
Weight (kg/m)	0,6
Dimensions WxH (mm)	18 x 18

Options

Color/CCT

- | | |
|--------------------------------|--------------------------------|
| <input type="checkbox"/> 2700K | <input type="checkbox"/> 4000K |
| <input type="checkbox"/> 3000K | <input type="checkbox"/> 5000K |
| <input type="checkbox"/> 3500K | |

Optics

- | | |
|------------------------------|----------------------------------|
| <input type="checkbox"/> 15° | <input type="checkbox"/> 38° |
| <input type="checkbox"/> 20° | <input type="checkbox"/> 60° |
| <input type="checkbox"/> 25° | <input type="checkbox"/> 20°x40° |

Accessories

- | | |
|---|--|
| <input type="checkbox"/> Honeycomb | <input type="checkbox"/> Mounting Profile Glare Shield |
| <input type="checkbox"/> Mounting Profile | <input type="checkbox"/> Mounting Profile Cable Duct |
| <input type="checkbox"/> Mounting Clip | |

Lighting Specifications

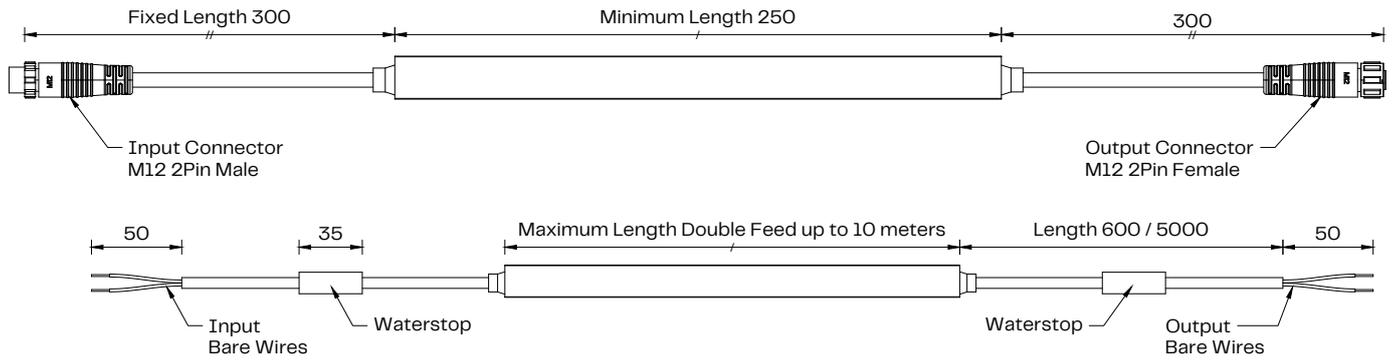
Linear Flex Silicone

	Full White (mm)
2700K 15°	1191
2700K 20°	1204
2700K 25°	1219
2700K 38°	1282
2700K 60°	1192
2700K 20°x40°	1037
3000K 15°	1244
3000K 20°	1257
3000K 25°	1273
3000K 38°	1358
3000K 60°	1245
3000K 20°x40°	1179
3500K 15°	1424
3500K 20°	1439
3500K 25°	1527
3500K 38°	1555
3500K 60°	1426
3500K 20°x40°	1350
4000K 15°	1415
4000K 20°	1430
4000K 25°	1448
4000K 38°	1545
4000K 60°	1399
4000K 20°x40°	1341
5000K 15°	1451
5000K 20°	1466
5000K 25°	1485
5000K 38°	1584
5000K 60°	1452
5000K 20°x40°	1375

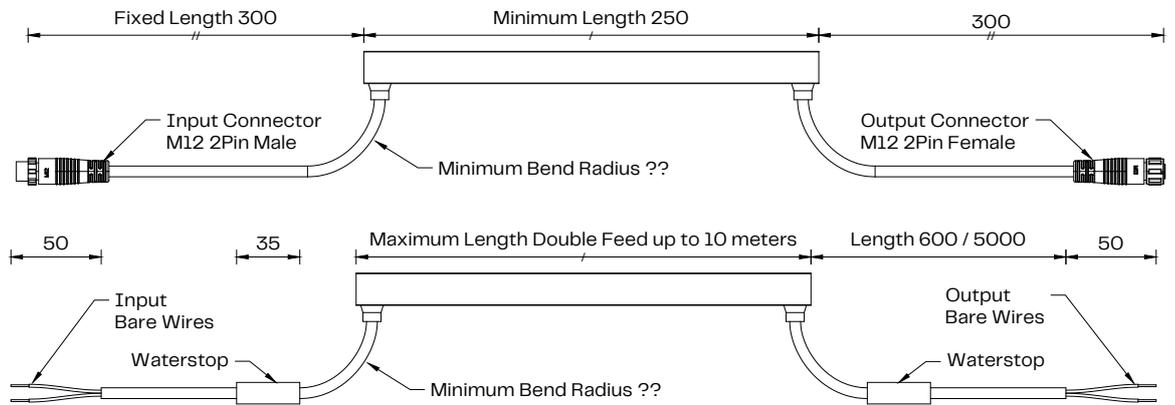
Photometric Distribution

Dimensions

Linear Flex Silicone White¹ Linear Flex Silicone Direct

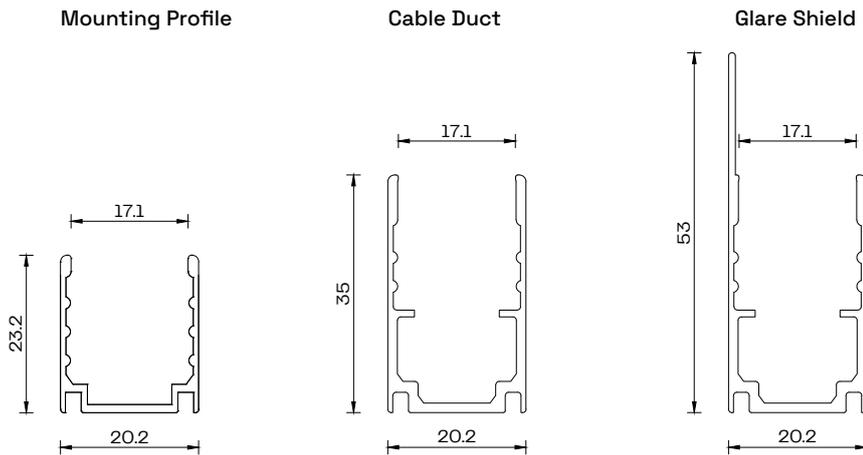


Linear Flex Silicone Bottom

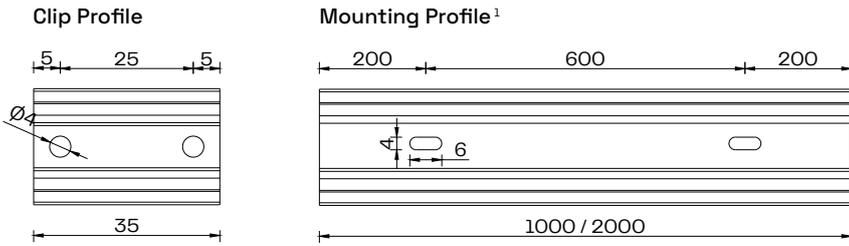


¹ The dimensions shown are not to scale. Please refer to the Dimensions Sheet document for additional dimensions.

Accessory Options



Profile Specifications

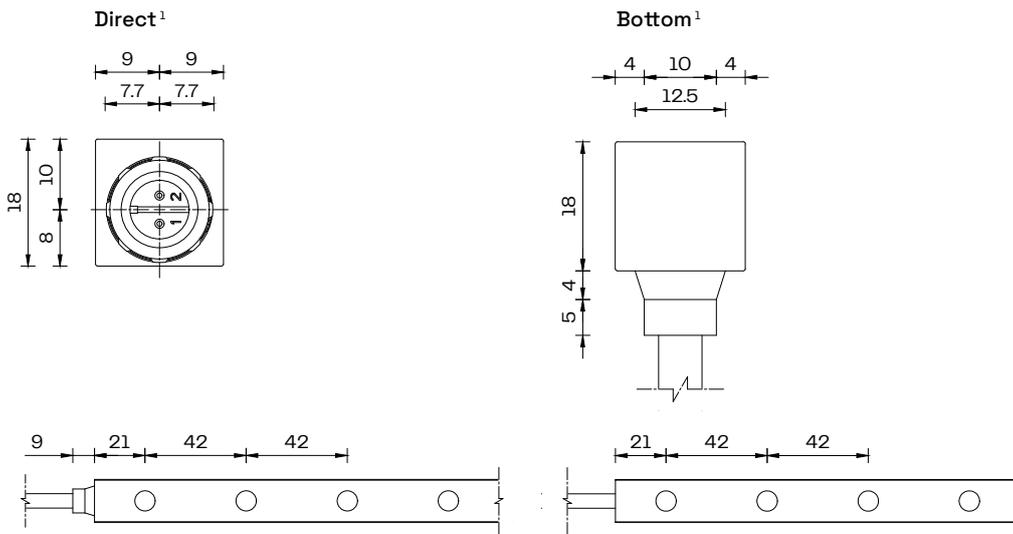


Physical

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

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

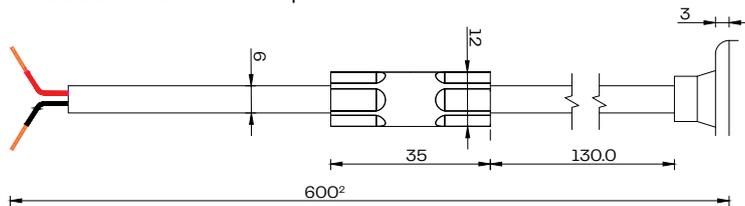
Cable Entry Options



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

Connection Options

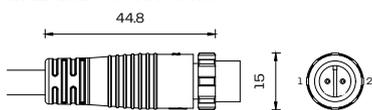
White Bare Wires with waterstop¹



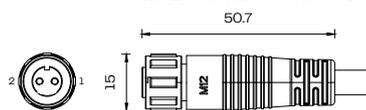
Wire Color

Red	24 V+
Black	GND

M12 Male Connector³



M12 Female Connector³



Connector Pin

Pin 1	Red	24 V+
Pin 2	Black	GND

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