



BRIGHTLIGHT Cosmo Linear System Installation Guide

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INTERIOR



EXTERIOR

The Cosmo Linear System comes as separate IP67 modules which can easily be connected via cables underneath for runs up to 10m.

Mounting accessories should be installed first, refer to page 2.

Cosmo Linear modules then can be clicked into mounting accessories. Power feed/ extension cables come separately and can just be clipped in where required.

LED WATTS	26W/m White 18W/m Tunable White 18W/m RGBW
INPUT VOLTS	24V DC constant voltage
OPERATING TEMP.	-20°C ~ +45°C
MAX. RUN PER POWER FEED	10 meters
INGRESS PROTECTION	IP67
IK RATING	IK10
UV	UV Resistant

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MODULE DIMENSIONS

END CAPS ADD AN ADDITIONAL 5MM PER MODULE



COMBINED LENGTHS FOR CLOSEST TOTAL LENGTH.
PROJECTS SHOULD HAVE PLAN OR TABLE OUTLINED LENGTHS

CONNECTIONS

STANDARD INLINE CONNECTION

For continuous straight lines of light.

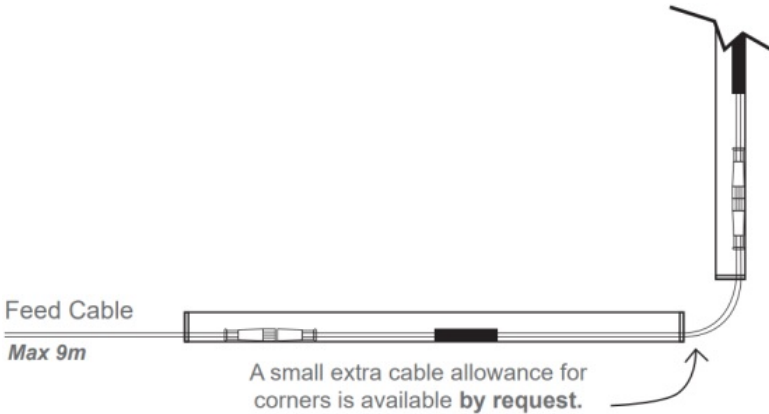


CABLES CONCEALED UNDERNEATH



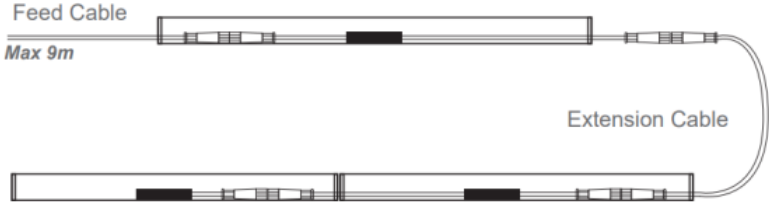
CORNER ALLOWANCE CONNECTION

For turning connected modules around hard corners



EXTENSION CABLE CONNECTION

For large gaps or obstacle avoidance



COLOUR CONTROL & WIRING

WHITE

Single channel dimmer (optional)

Cable	Channel
Brown	Positive (+)
Blue	Negative (-)

TUNEABLE WHITE

2-channel controller

Cable	Channel
Brown	Positive (+)
Yellow	2700K (-)
Blue	6500K (-)

RGBW

4-channel controller.

Cable	Channel
Black	Positive (+)
Brown	Red
Yellow	Green
Blue	Blue
White	White

RGBW (PIXEL ADDRESSABLE)

DMX512 controller

Cable	Channel
Brown	Positive (+)
Black	PI
Yellow	B (DMX –)
White	A (DMX +)
Blue	Negative (-)

POWER CABLES

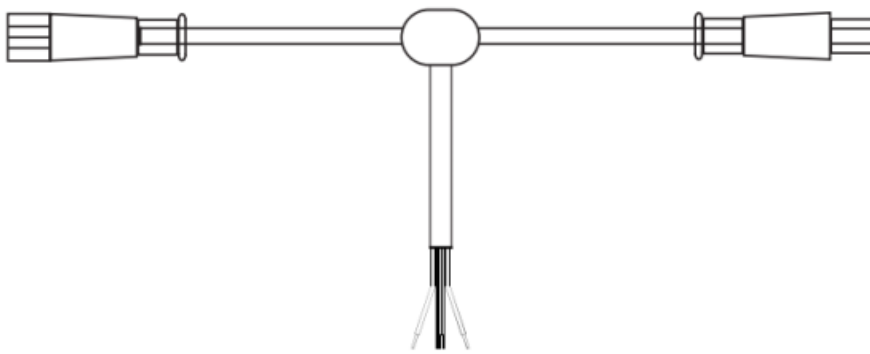
FEED POWER CABLE

Connector to bare wires (up to 9m)



T-FEED POWER CABLE

A T-feed cable powers 10m max of linear system on each side.



The tail to bare wires can be up to 9m.

EXTENSION CONNECTION CABLE

Allows flexibility around obstacles/ structural elements.



Adds to the max. 9m total cable limit.

IP67 END CAP

Alternative end piece option.

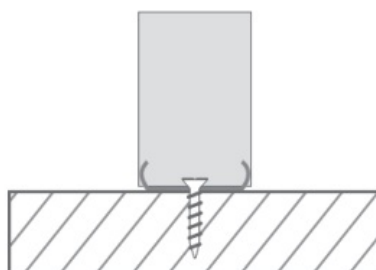
Turn connection module into end piece with an IP67 end cap to terminate cable and maintain the IP rating. Fold cable underneath fixing for a tidy look.



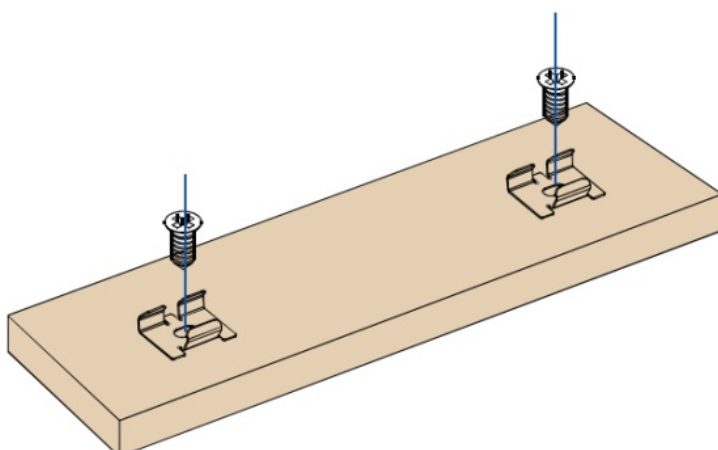
ACCESSORY INSTALLATION

FIXED MOUNTING CLIPS

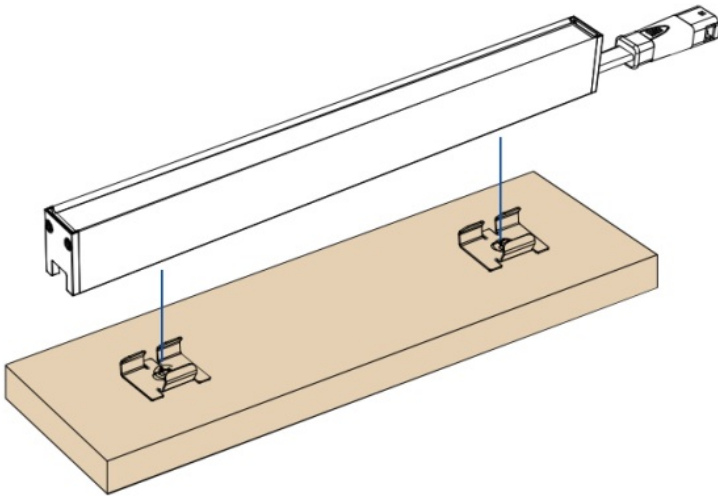
Designed for horizontal mounting.



1. Screw mount clips. Check clips will tilt in desired direction before installation.

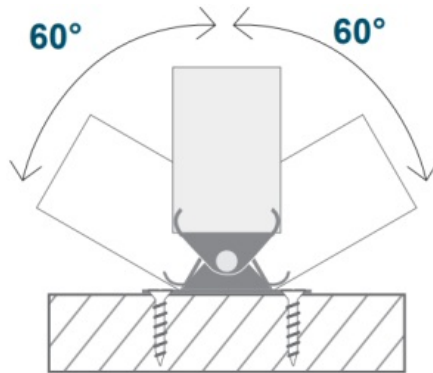


2. Connect full module run before fitting into clips.

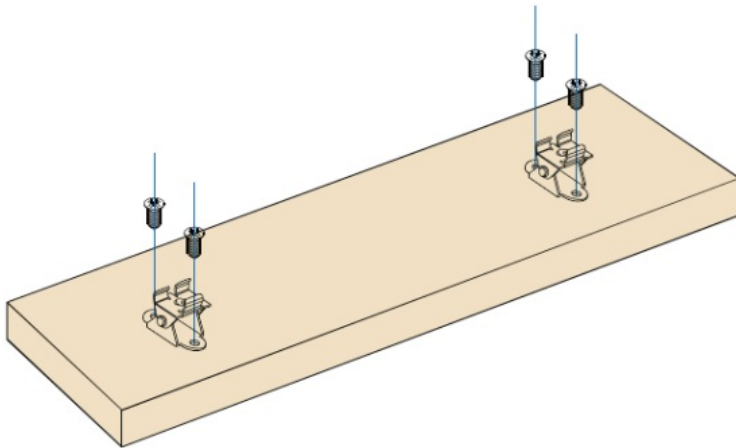


60° ADJUSTABLE MOUNTING CLIPS

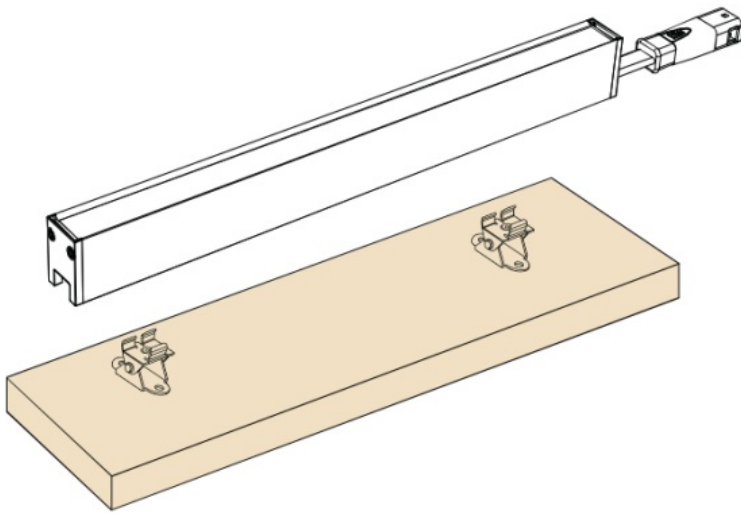
Designed for horizontal mounting.



1. Screw mount clips. Check clips will tilt in desired direction before installation.

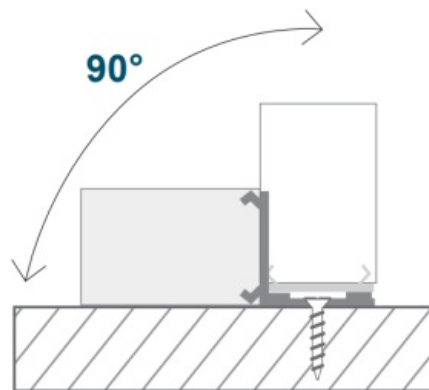


2. Connect full module run **before** fitting into clips.

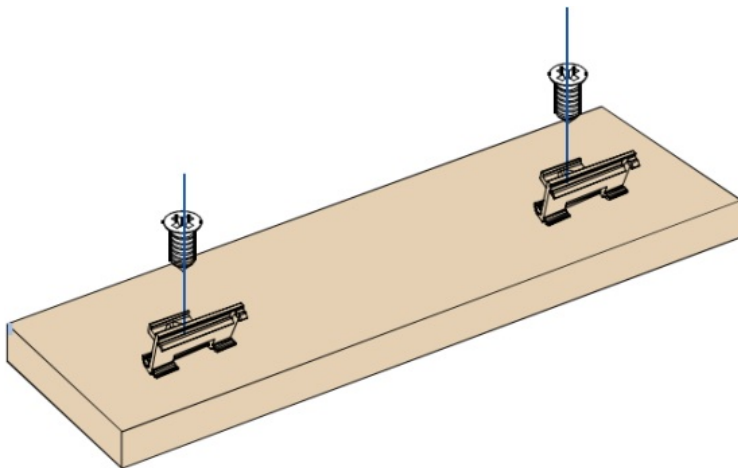


90° ADJUSTABLE MOUNTING CLIPS

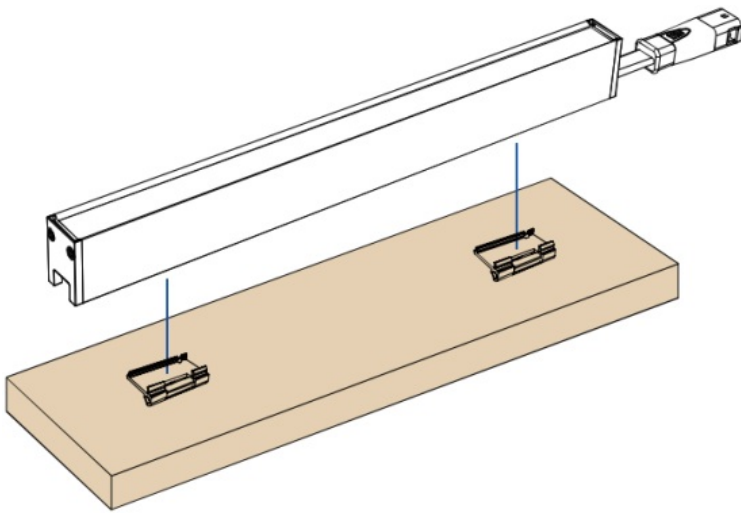
Designed for horizontal mounting.



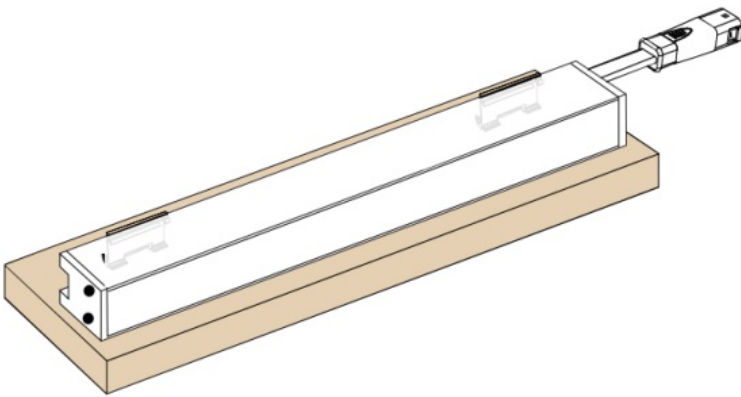
1. Screw mount clips. Check clips will tilt in desired direction before installation.



2. Full module runs can be connected either before or after installation into clips.

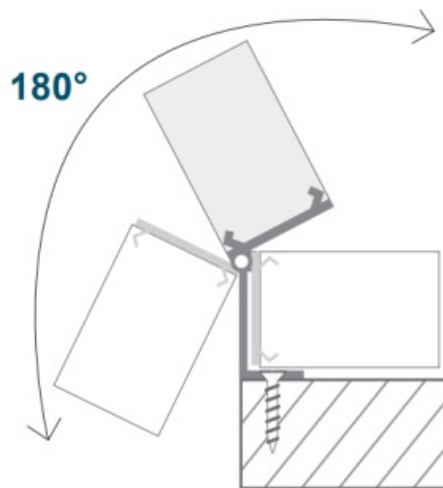


3. Tilt to angle

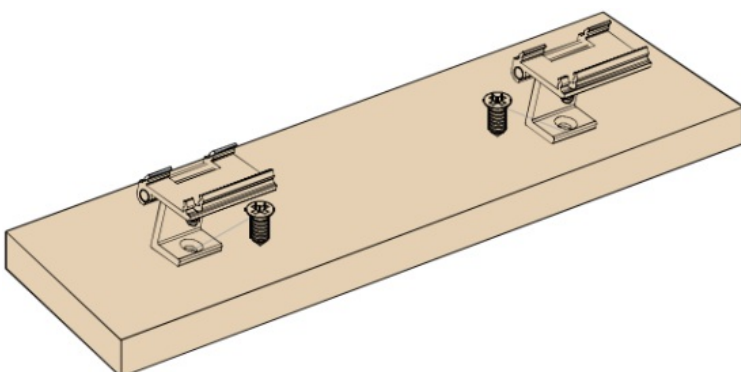


180° ADJUSTABLE MOUNTING CLIPS

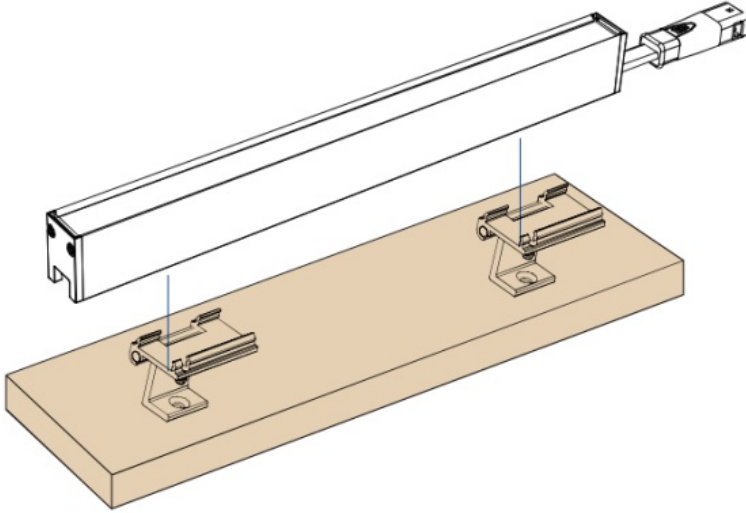
Designed for horizontal mounting.



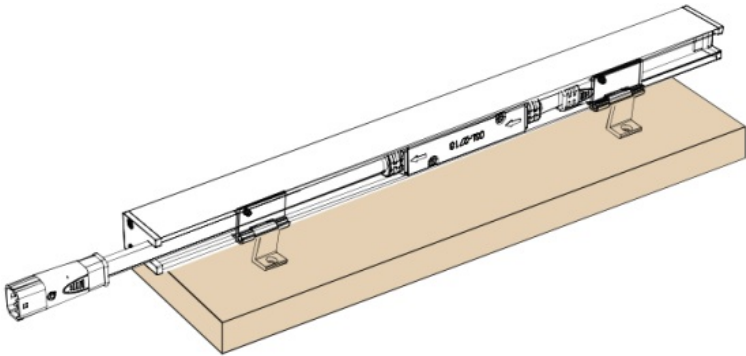
1. Screw mount clips. Check clips will tilt in desired direction before installation.



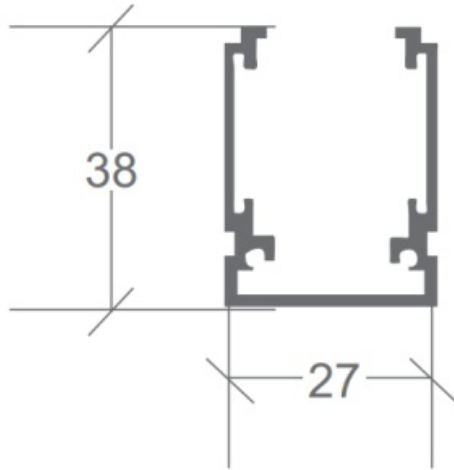
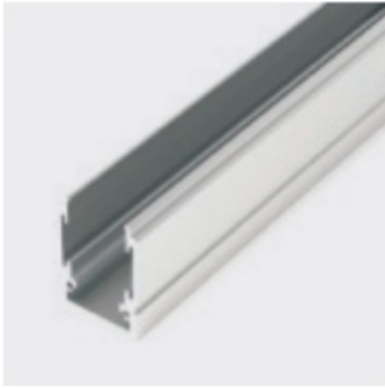
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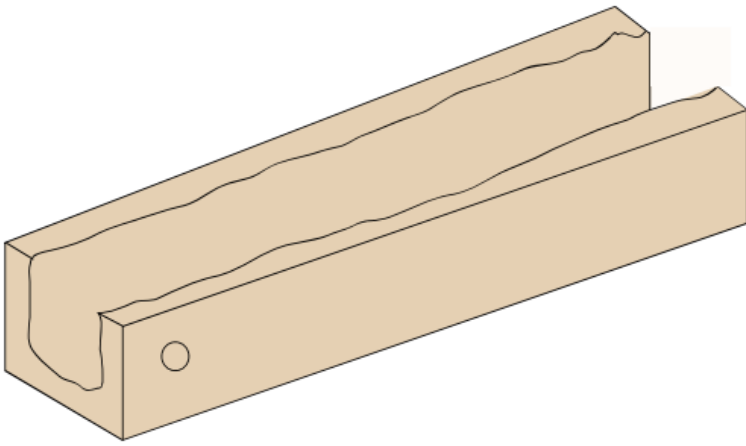
3. Tilt to angle



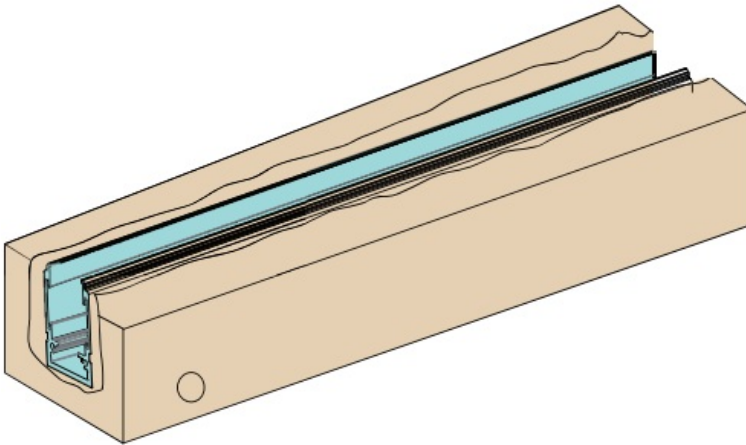
IN-GROUND ALUMINIUM PROFILE



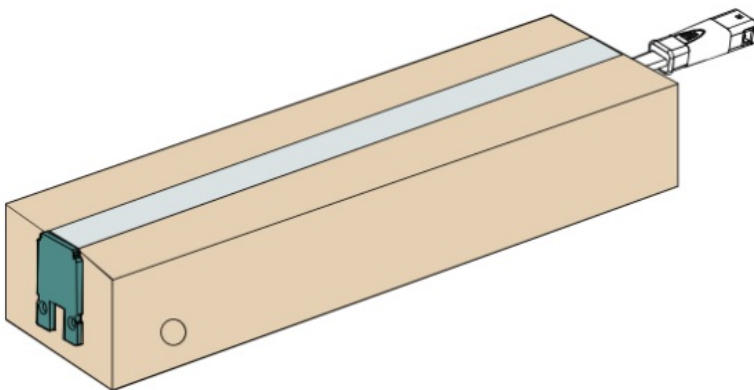
1. Router out rebate groove.
Profile 27mm wide



2. Screw-fix In-ground Aluminium Profile.



3. Connect full module run before inserting into profile.



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Actual product characteristics may vary.
Bright Light reserves the right to improve, modify or update the product designs without prior notice.

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Documents / Resources



[BRIGHTLIGHT Cosmo Linear System](#) [pdf] Installation Guide
26W-m White, 18W-m Tuneable White, 18W-m RGBW, Cosmo Linear System, Linear System

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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