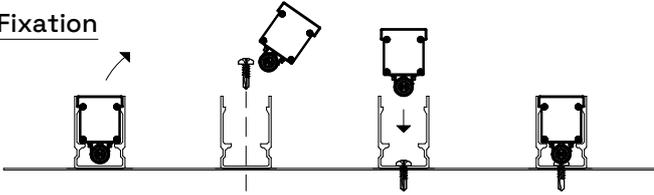# Linear Flex Inground   Installation Guide

⚠️ Essential Safety Notes!
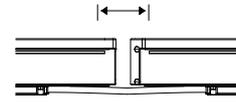Switch off power during installation and maintenance.
Do not attempt installation in wet or severe weather conditions.
Protect cables from sharp edges and objects to prevent damage.
Ensure unused connectors and fixtures are not exposed to harsh or wet weather conditions, this might lead to corrosion and malfunction.
Fixtures and cables are rated either IP67/IKO7 or IP68/IKO8. Ensure installation conditions comply accordingly.

Fixation

↘ Mount using the provided holes in the bracket. Once fixed place the fixture in the bracket and push down till fixture is locked in place.

Alignment

↘ Maintain a minimum spacing of 4mm to allow thermal expension between fixture's.

Wiring

M17 5Pin End cap

M17 5Pin Jumper Cable

🟥	24V DC+
🟨	Data + (DMX)
🟩	Data - (DMX)
⬜	Programming
⬛	GND

Click!

M17 5Pin Power cable

M17 5Pin Leader cable

To ensure safe and reliable operation of the system, observe the following maximum run lengths:

Maximum run length per leader cable from the controller:
Single Color/Tunable withe; 43m at 60fps Pxlnet.
Multi color; 32 at 60fps Pxlnet.

Power Cable: Maximum fixture run length per dedicated power cable is 6m on single feed and 12 on double feed.
Jumper Cable: Maximum total jumper cable length per dedicated power cable is 20m .

Exceeding these limits may result in voltage drop, data loss, or fixture malfunction. Always plan accordingly.

↘ Begin by connecting the leader cable from the DMX controller to the power cable and to the first fixture in the run.
↘ Connect each subsequent fixture's input connector to the previous fixture's output connector.
↘ Use jumper cables between fixtures if necessary.
↘ Finish by installing the end cap on the output connector of the last fixture to guarantee the required sealing.

Wiring setup example

Mains 110–277 VAC

Power supply

M17 5Pin End cap

5–24V DC input

Art–Net

M17 5Pin Power cable

M17 5Pin Leader cable

DiGidot C4 Controller