



LED Continuous Lighting System

The best products we can create are defined around the needs and desires of the people who use them...

LED is revolutionizing lighting and Ledpro's next generation linear luminaire, is redefining the aesthetic and practicality of continuous lighting systems.

As industrial and commercial businesses look to grow and maximize productivity, their floor plan layouts and workspaces are constantly changing. It is therefore essential that the lighting systems used are equally flexible and adaptable.

Most existing continuous row lighting systems dictate the position of light fittings and are exclusive to only one brand of lighting fixtures. These constraints limit the functionality and flexibility of trunking based luminaires. Put simply, the user and application must adapt their requirements to the limitations of these lighting systems.

To answer this, Ledpro's have created a solution that is simple to specify, fully configurable and overcomes common cost and installation barriers by putting the power of optimization and performance in the hands of the user.

LED Continuous Lighting System (CLS) is engineered to deliver unparalleled lighting performance and bring an elegant, understated design element to a work or retail space. The system can be tailored to application whilst remaining 'future-proof', cost-effective and easy to deploy in both retrofit projects and new builds.

.....From lighting designers to installers and ultimately the end user, CLS considers all aspects of an application, solving installation difficulties and creating an exceptional illumination experience for everyone.

Trunking

The trunking profile invisibly connects into seamless rows of any desired length. The proprietary electrical rail enables installers to fit the luminaires exactly where they are needed, allowing for only the mechanical and electrical connection between trunking lengths. This creates full flexibility to optimize the lighting layout for an ever changing workspace.

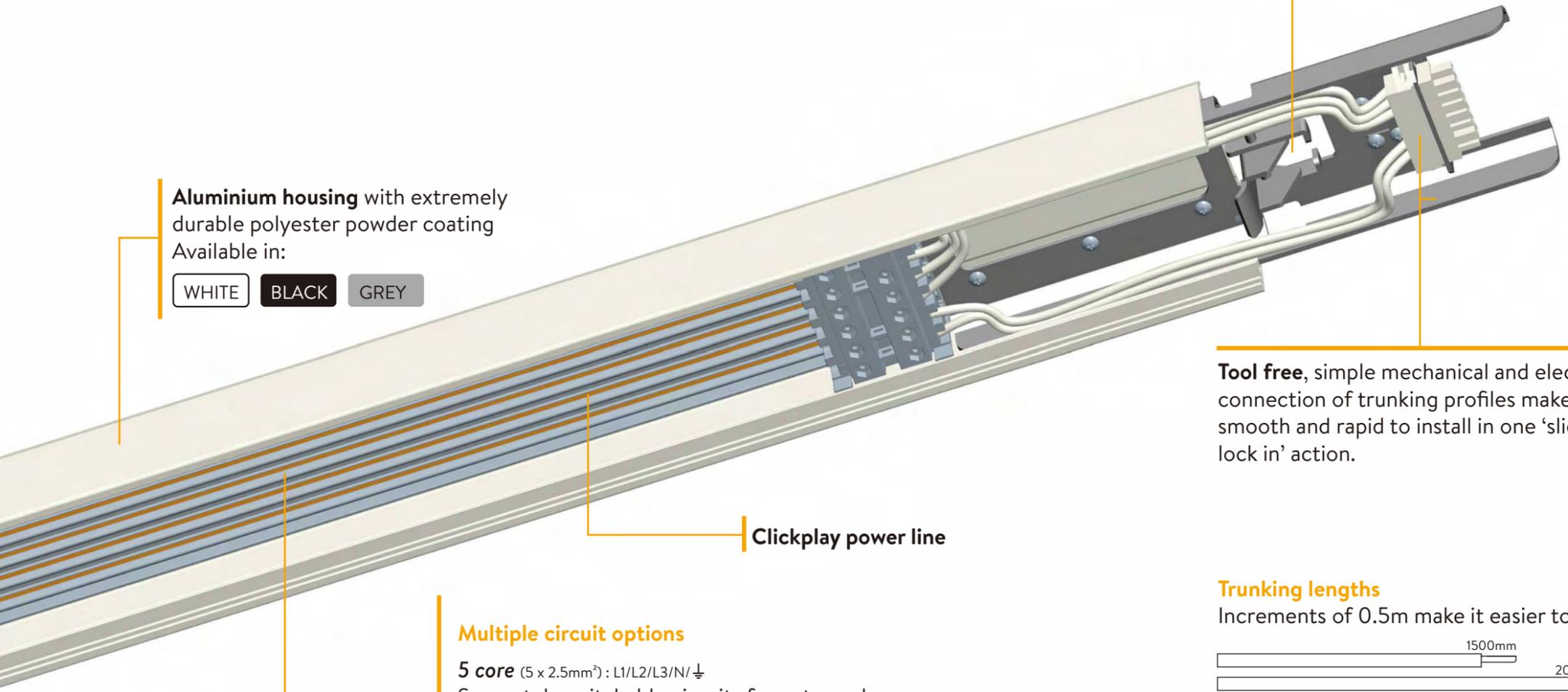
Seamless connection



Unique locking design that enables perfect long length alignment

Aluminium housing with extremely durable polyester powder coating
Available in:

- WHITE
- BLACK
- GREY



Clickplay power line

Multiple circuit options

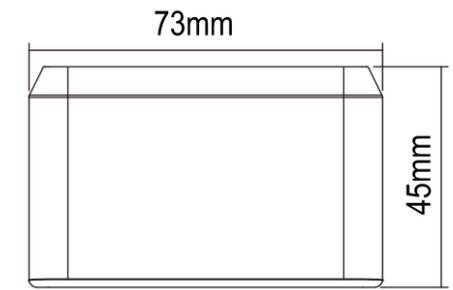
5 core (5 x 2.5mm²): L1/L2/L3/N/⊥
Separately switchable circuits for extremely easy light control in triple circuit.

7 core (7 x 2.5mm²): L1/L2/ L3/N/⊥/D+/D-
Additional 2 core for 0 -10v / DALI connection to customised Intelligent lighting management systems.

11 core (11 x 2.5mm²): L1/L2/L3/N/⊥/D+/D-/L1e/L2e/N1e/N2e
Additional 4 poles for two independent emergency lighting circuits.

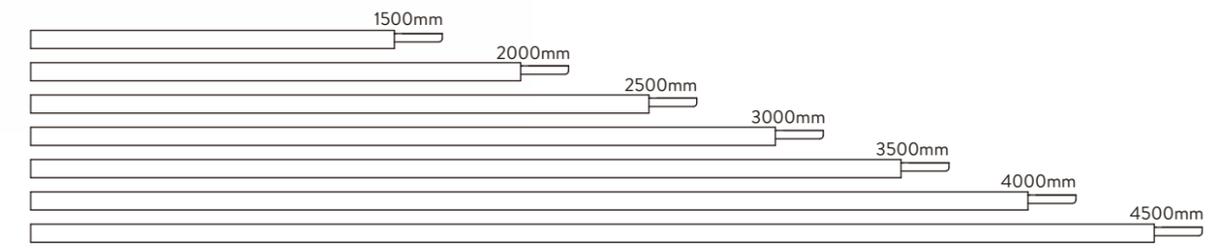
Tool free, simple mechanical and electrical connection of trunking profiles make it smooth and rapid to install in one 'slide and lock in' action.

Dimensions



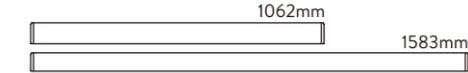
Trunking lengths

Increments of 0.5m make it easier to design and install.



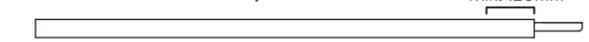
Individual trunking units

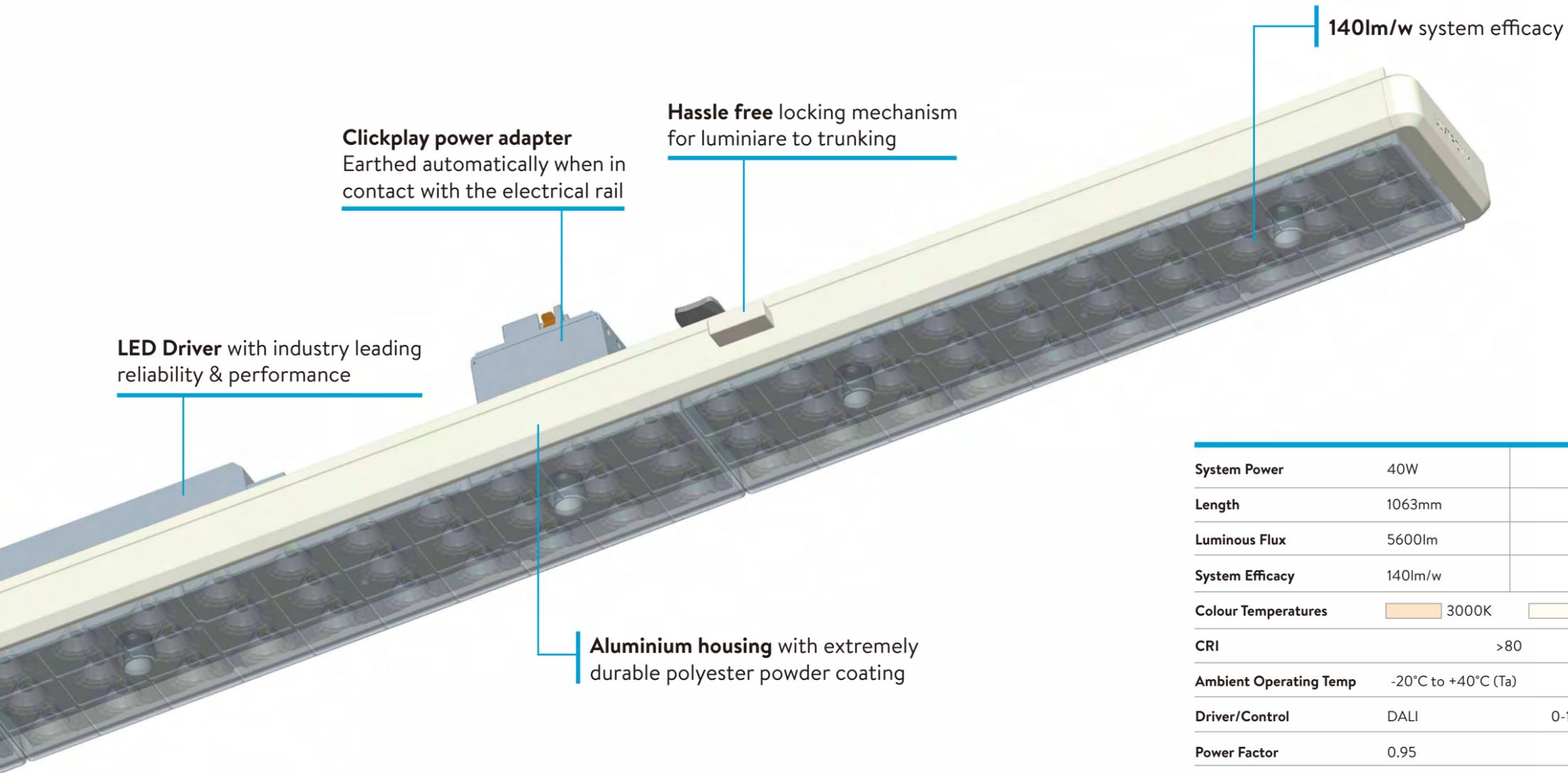
Designed for CLS Single.



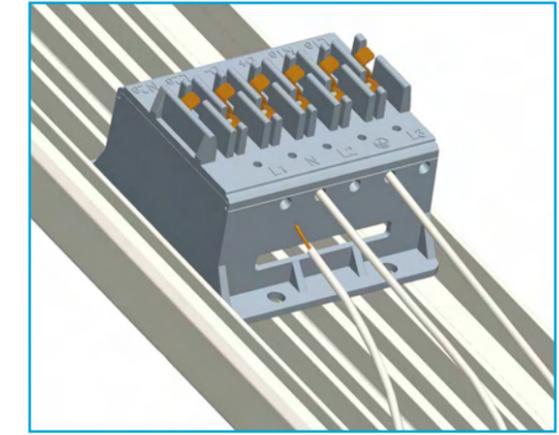
Blank end trunking

Can be cut to any length at the end of the continuous row system.

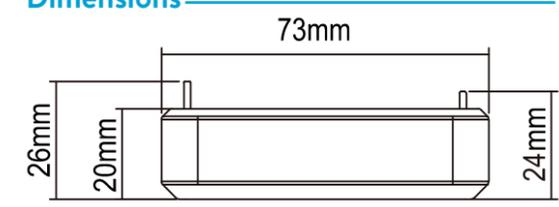




Simple phase selection



Dimensions



System Power	40W	60W	80W	120w
Length	1063mm	1063mm	1063mm	1584mm
Luminous Flux	5600lm	7800lm	9600lm	14400lm
System Efficacy	140lm/w	130lm/w	120lm/w	120lm/w
Colour Temperatures	3000K	4000K	5000K	6500K
CRI	>80		>70	
Ambient Operating Temp	-20°C to +40°C (Ta)			
Driver/Control	DALI	0-10v	Non Dimmable	Emergency (1hr or 3hr @ 10% light output)
Power Factor	0.95			
Input Power	220-240vAC			
Colour	White	Black	Grey	

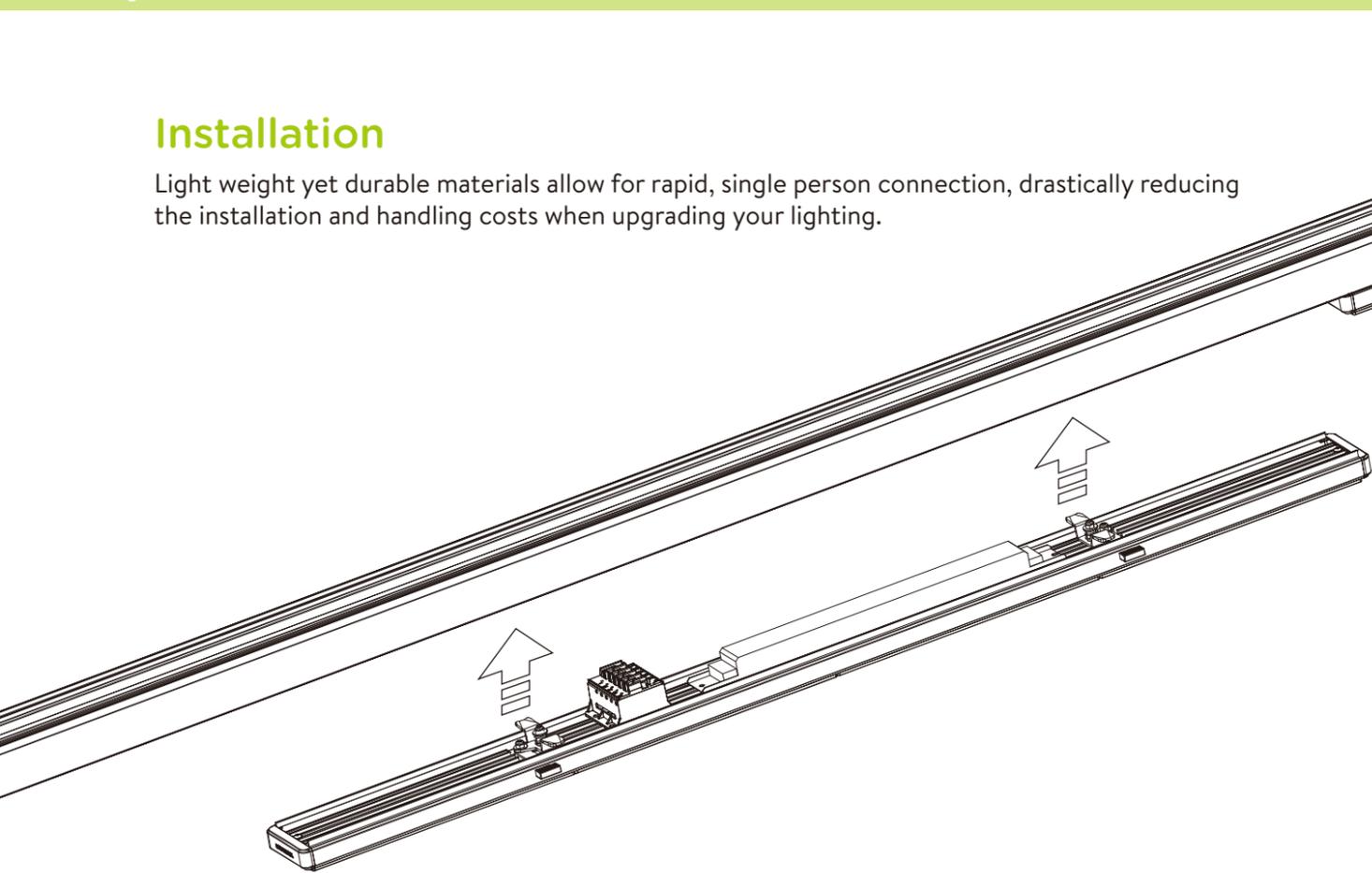
Optics

To achieve high-precision light direction, each LED has been assigned a separate lens, which allows for long shelves to now be illuminated as efficiently as spacious bays.



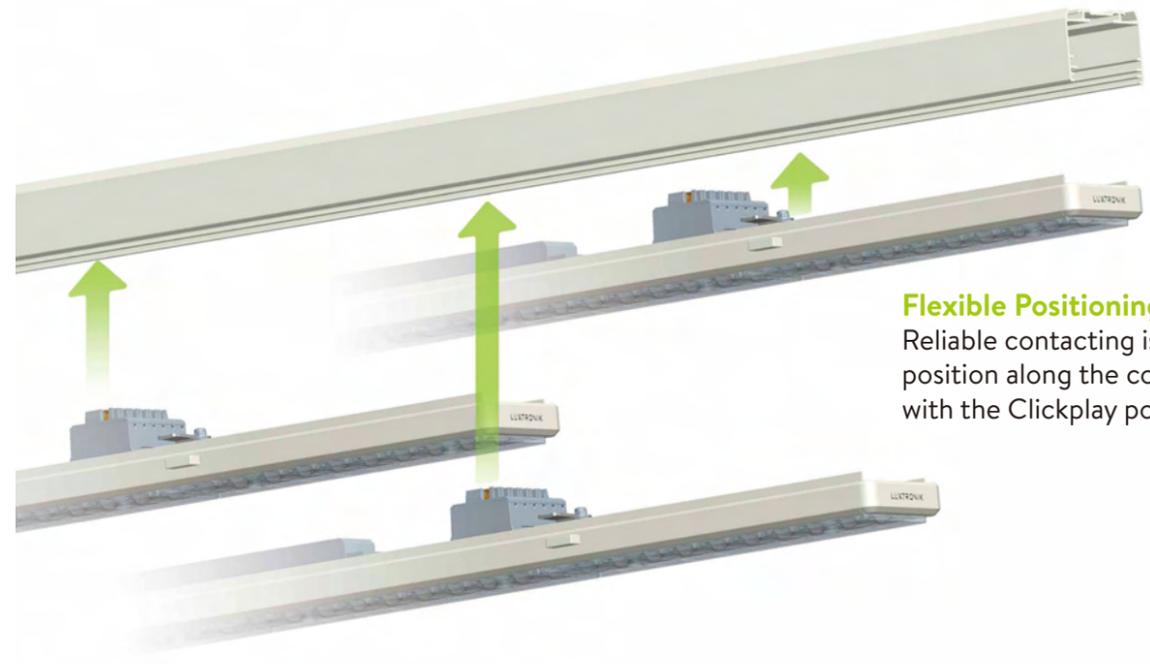
Installation

Light weight yet durable materials allow for rapid, single person connection, drastically reducing the installation and handling costs when upgrading your lighting.



Reverse polarity resistant

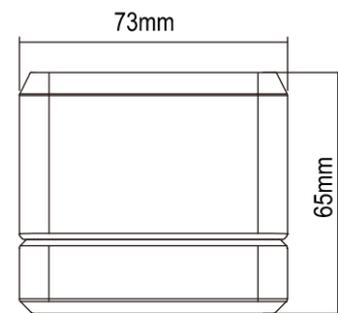
Mechanical design prevents inadvertent polarity reversal during assembly. Colour coding makes it simple to install correctly



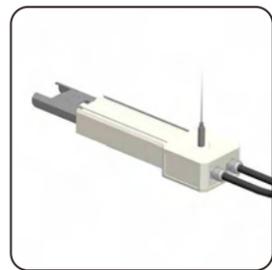
Flexible Positioning

Reliable contacting is possible at any position along the continuous profile with the Clickplay power system

Overall Dimensions



Electrical Feeds



Box feed



Gland feed

Fixing Options

Suspension and surface fixing kits available.



Surface Mounted



Chain Suspension



Cord Suspension

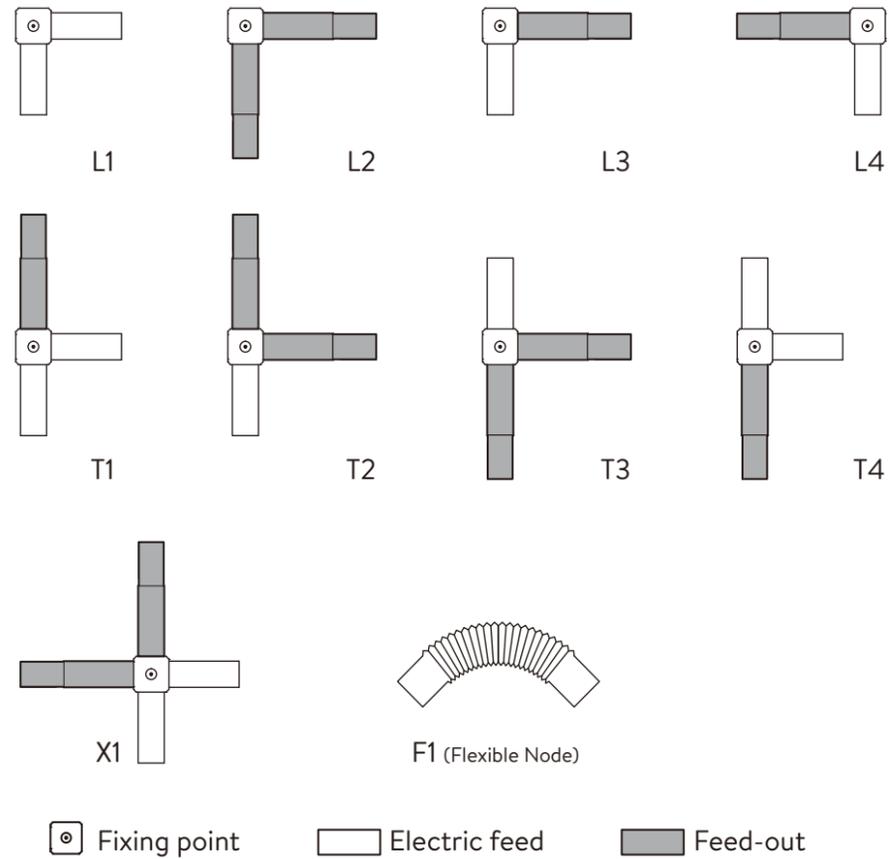
Open Source Interface

Flatbay offers the ability to add 3rd party fixtures with various beam patterns, colors and aesthetics, allowing lighting designers to solve many types of lighting challenges from small office interiors to large warehouse and industrial spaces.



Nodes

Multiple node configurations allow lighting designers to design any type of installation



Single unit

Where it is not possible or necessary to install trunking, Flatbay Series provides the perfect

alternative as a standalone luminaire with the same perfect levels of lighting quality, performance and efficiency.



Sensor adaptable

Motion and daylight sensor options allow the system to maximize energy savings.

- **PIR** sensors are recommended for warehouse lighting where high vibration can cause disturbance with other solutions.
- **Microwave**, with its high sensitivity is perfect for retail spaces and storage facilities