Hi Line L

PREVIEW

Electrification system
for horizontal panelling
with heavy load capacity



L&S

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L&S

Hi Line L

Light, store, display.

Electrification system for horizontal paneling with heavy load capacity, for unique furnishings and illumination layouts.

A complete solution that fits every project and transforms the wall paneling into an aesthetic and functional platform that enhances any space.

The electrified aluminium structural profiles, specifically designed to support heavy loads, allow for the integration of suspended storage units and various lighting solutions into the paneling, in a fully reconfigurable system where each element can be added, removed or repositioned while maintaining a continuous power supply without visible cables.

IDEAL FOR

- every residential environment
- retail settings

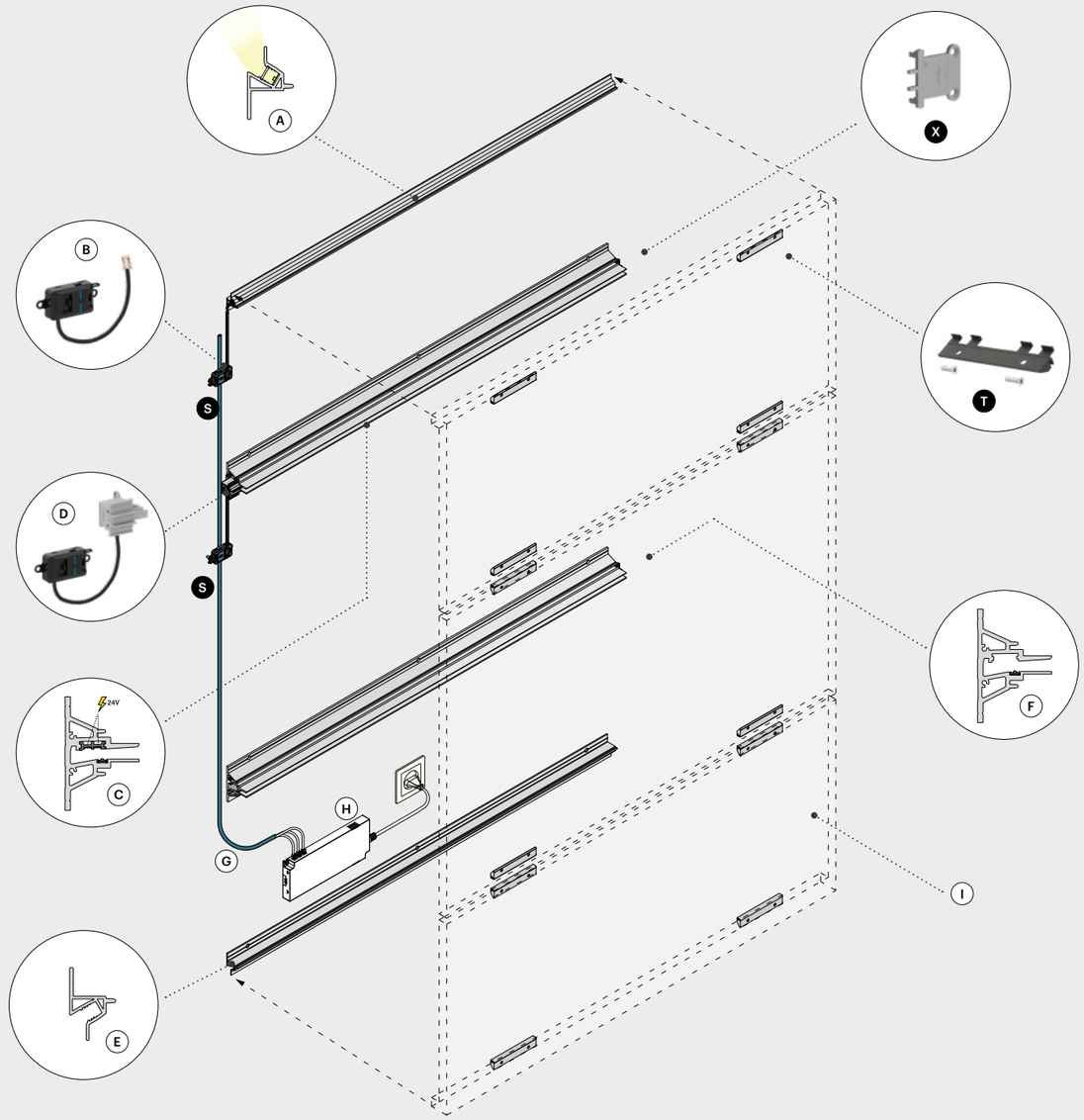
FEATURES

- modular and versatile
- heavy load-bearing capacity for wall-mounted furniture
- easy installation
- cable-free electrification
- space enhancing lighting









Components schedule

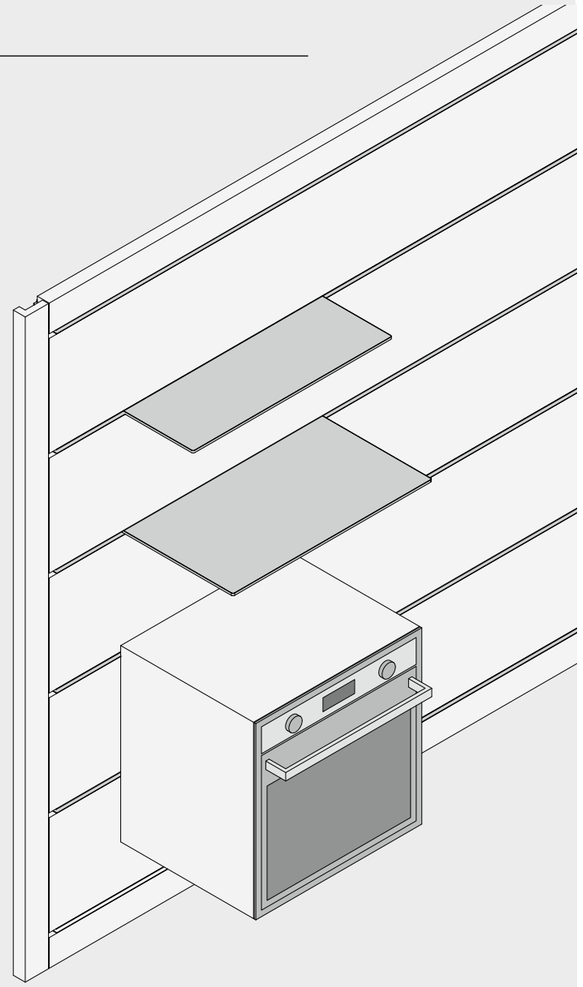
- (A) **LED integrated** Edge profile
- (B) Power connector for LED Strip
- (C) **Electrified** central profile complete with complete with concealed conductive tracks
- (D) Electrification connector
- (E) Neutral edge profile
- (F) Neutral central profile
- (G) Power cable
- (H) Power Supply Unit (not included)
- (I) Wooden back panel (by the furniture maker)
- (S) Spider connector
- (T) Wooden panel plastic fixing bracket
- (X) Plastic end cap

Compatible for use with wooden back panels up to 18mm (by the furniture maker).
Hi Line L can be installed flush with the floor or hanged on the wall.

Heavy load-bearing capacity for wall-mounted units

The Hi Line L structural profiles are suitable for supporting heavy loads, a design choice that broadens the system's versatility allowing the installation of various types of wall-mounted furnishings, such as TV cabinets, tall, base or wall units, **even with built-in appliances**.

The special fixing brackets (P.22) also allow for the power supply of cabinet's built-in lamps, enabling unique, bespoke lighting arrangements tailored to the space.

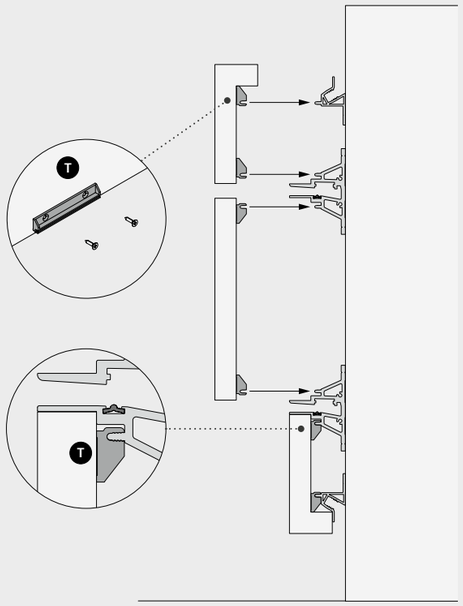


Wide range of illuminated repositionable shelves

Shelves with integrated lighting that can be combined with modular flexibility in endless configurations without any positioning restrictions, adapting to any interior style in living areas, kitchens, walk-in wardrobes, office environments or retail settings. The wide range of solutions includes elegant glass and aluminium shelves, modern slim-profile metal shelves, or bespoke lighting systems for wooden shelves manufactured in the same finishes as the back panels.

Practical fixing system for wooden back panels

The paneling's wooden back panels can be quickly and easily fitted once all the structural profiles have been mounted on the wall and connected to the mains: installation is a snap-fit process achieved simply by pressing the back panels against the aluminium profiles, using special plastic brackets (T) screwed onto the back of each wooden panel (brackets are supplied with the aluminium structural profiles).



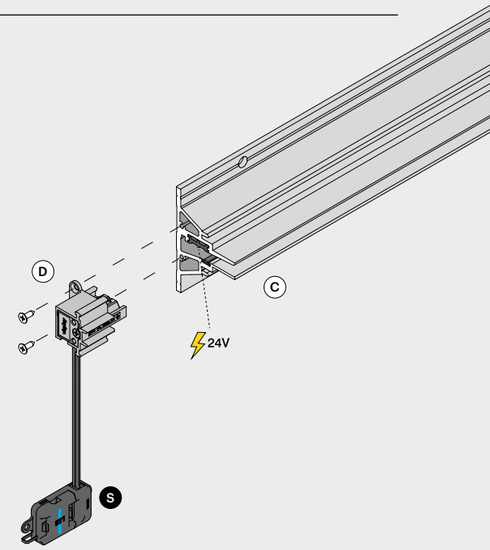




Easy electrification of profiles with concealed wiring

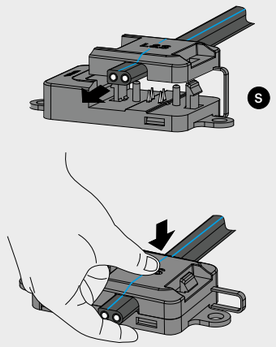
The aluminium central profiles (C - P.18) integrate a practical 24V low voltage track electrification system that allows all the lighting solutions in the product range to be powered via electrical contacts, without cables.

The distribution of the power supply to the profiles is concealed behind the wooden paneling, organised in a precise and orderly way by using practical plug-and-play connectors D inserted at the sides of the profile, in a solution that minimises the number of cables in the structure, simplifying their installation.



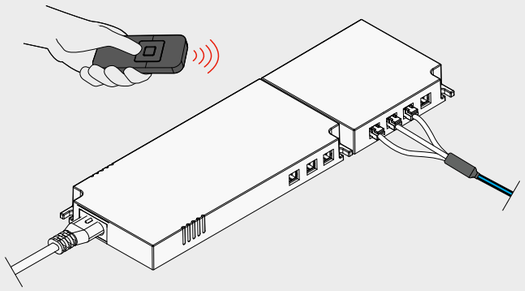
Precise and tidy power cables management

The Spider connector S is an intuitive, easy-to-use solution that simplifies the distribution of power to the structural profiles of the paneling: a system offering maximum versatility and adaptability, using practical piercing connectors that can be positioned freely along a single two-pole electrical cable connected directly to the power supply and control unit.



Advanced Smart lighting control

The versatility of the MEC LITE power supply platform allows for a wide range of customised light control solutions, with the possibility to manage the electrification of the structural profiles across different circuits, each of which can be controlled separately via wireless transmitters, smartphones, voice control systems and Smart Home apps using various protocols.





Hi Line L - Aluminium structural profiles

(12) aluminium

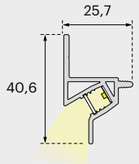
(A) LED INTEGRATED EDGE PROFILE KIT

- 3000mm extruded aluminium structural profile, which can be cut to size as required. To be mounted on the wall using screws and wall plugs (included), fixed into the pre-drilled holes in the the profile.
- Built-in LED strip, to be used with a power connector ((B) - sold separately) attached to the sides.
- Mono LED light source, 3000K fixed color temperature.
- To be used as the top or bottom profile of the paneling, as well as to support wooden side panels (optional - P.35): select the side on which the connector is to be inserted to ensure correct LED polarity and optimise the connection to the power supply unit (P.30).
- Also available in version without LED strip (P.20).

L= 3000mm



(mm)



6 PCS (T)



6 PCS (V)



EDGE PROFILE 3000mm

Built-in LED Strip	24W (total) 8W/m	3000K	⬅ Power connector to the left	.....
			⇨ Power connector to the right	.....

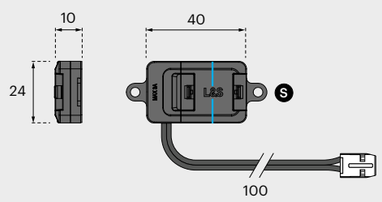
Included accessories:

(T) - 6x Fixing clips for wooden panels
(V) - 6x Screws with plugs

(B) LED STRIP POWER CONNECTOR KIT

- To be fitted to the side of LED integrated edge profile (A) for LED power supply.
- Complete with Spider connector (S) for connection to power supply unit via a two-core cable (P.30).

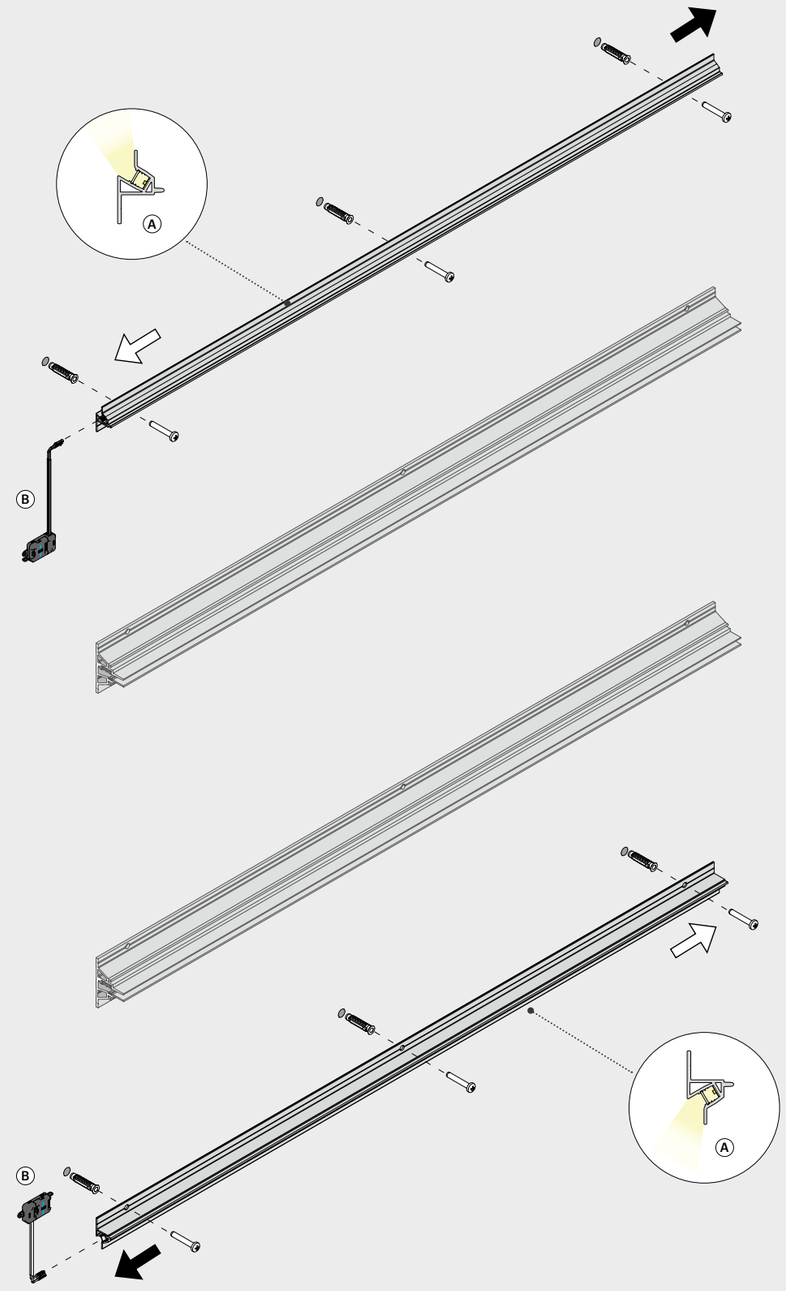




LED STRIP CABLED POWER CONNECTOR KIT (24 V)

For LED integrated edge profile	.....

Edge profile



Hi Line L - Aluminium structural profiles

(12) aluminium

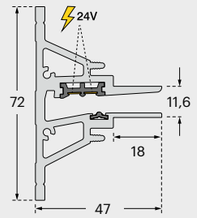
(C) ELECTRIFIED CENTRAL PROFILE KIT

- 3000mm extruded aluminium structural profile, which can be cut to size as required. To be mounted on the wall using screws and wall plugs (included), fixed into the pre-drilled holes in the the profile.
- Complete with integrated electrified tracks, to be used with a power connector ((D) - sold separately) attached to the sides.
- Also available in a non-electrified version (P.20).

L= 3000mm



(mm)



CENTRAL PROFILE 3000mm (24 V)

Integrated electrified tracks .....

Included accessories:

(T) - 12x Fixing clips for wooden panels
(V) - 14x Screws with plugs

12 PCS (T)



14 PCS (V)



(D) POWER CONNECTOR KIT

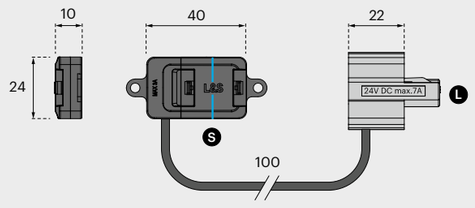
- To be fitted to the side of the electrified central profile (C), fixing screws included.
- Availabel in left (L) o right (R) versions.
- Complete with Spider connector (S) for connection to power supply unit via a two-core cable (P.30).

(L)



(R)





CABLED POWER CONNECTOR KIT (24 V)

(L) - Left connector KIT .....
(R) - Right connector KIT .....

Included accessories:

(X) - 1x Plastic end cap for central profile
(Y) - 1x Plastic insulating joint for central profile sections

When using the insulating joint to connect two different electrified central profiles, n°2 power connectors should be used (one on the left of the first profile, one on the right of the second) to feed the entire profile via two separate power supply units (P.30).

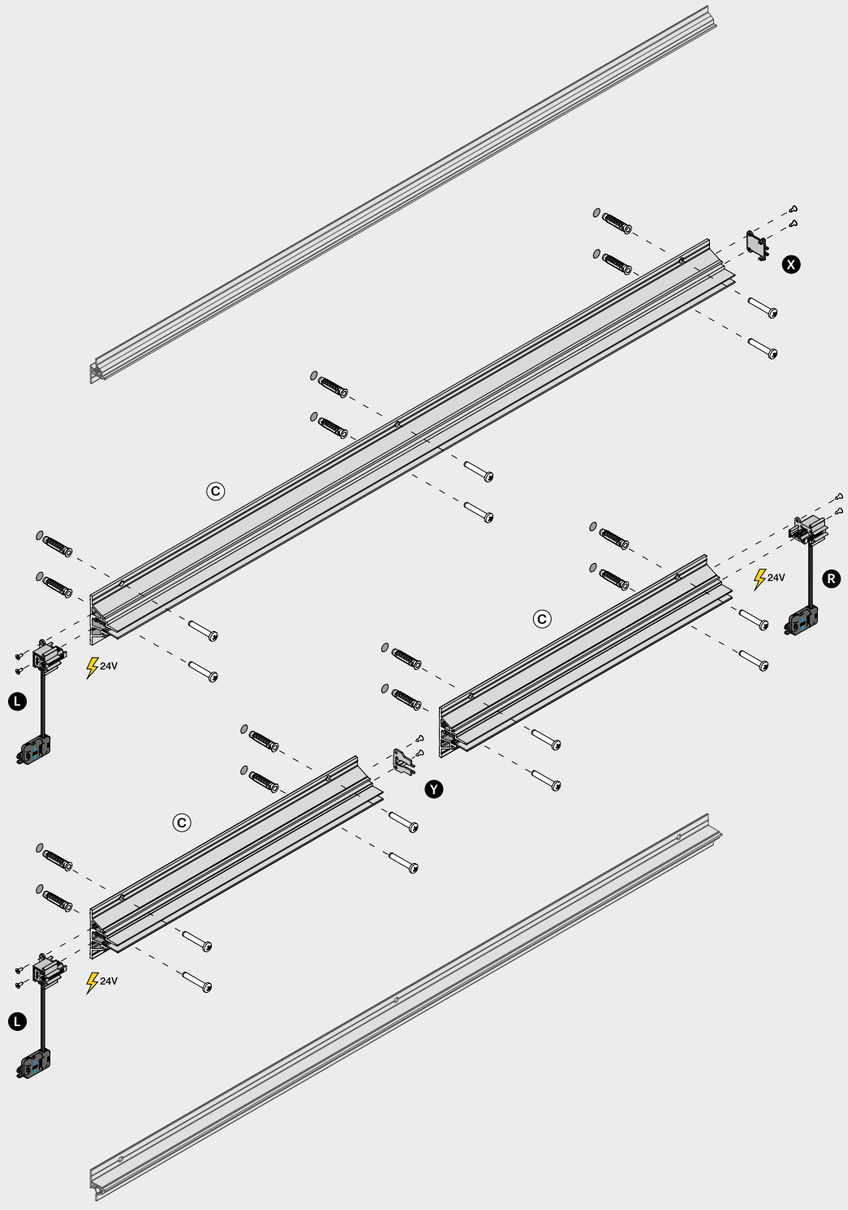
1 PCS (X)



1 PCS (Y)



Central profile



Hi Line L - Aluminium structural profiles

(12) aluminium

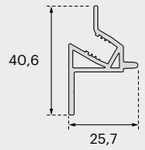
(E) NEUTRAL EDGE PROFILE KIT

- 3000mm extruded aluminium structural profile, which can be cut to size as required. To be mounted on the wall using screws and wall plugs (included), fixed into the pre-drilled holes in the profile.
- Without built-in LED strip.
- To be used as the top or bottom profile of the paneling, as well as to support wooden side panels (optional - P.35).

L= 3000mm



(mm)



EDGE PROFILE 3000mm

Without LED Strip .....

Included accessories:

(T) - 6x Fixing clips for wooden panels
(V) - 6x Screws with plugs

6 PCS (T)



6 PCS (V)



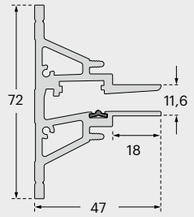
(F) NEUTRAL CENTRAL PROFILE KIT

- 3000mm extruded aluminium structural profile, which can be cut to size as required. To be mounted on the wall using screws and wall plugs (included), fixed into the pre-drilled holes in the profile.
- Non-electrified version.

L= 3000mm



(mm)



CENTRAL PROFILE 3000mm

Non-electrified .....

Included accessories:

(T) - 12x Fixing clips for wooden panels
(V) - 14x Screws with plugs

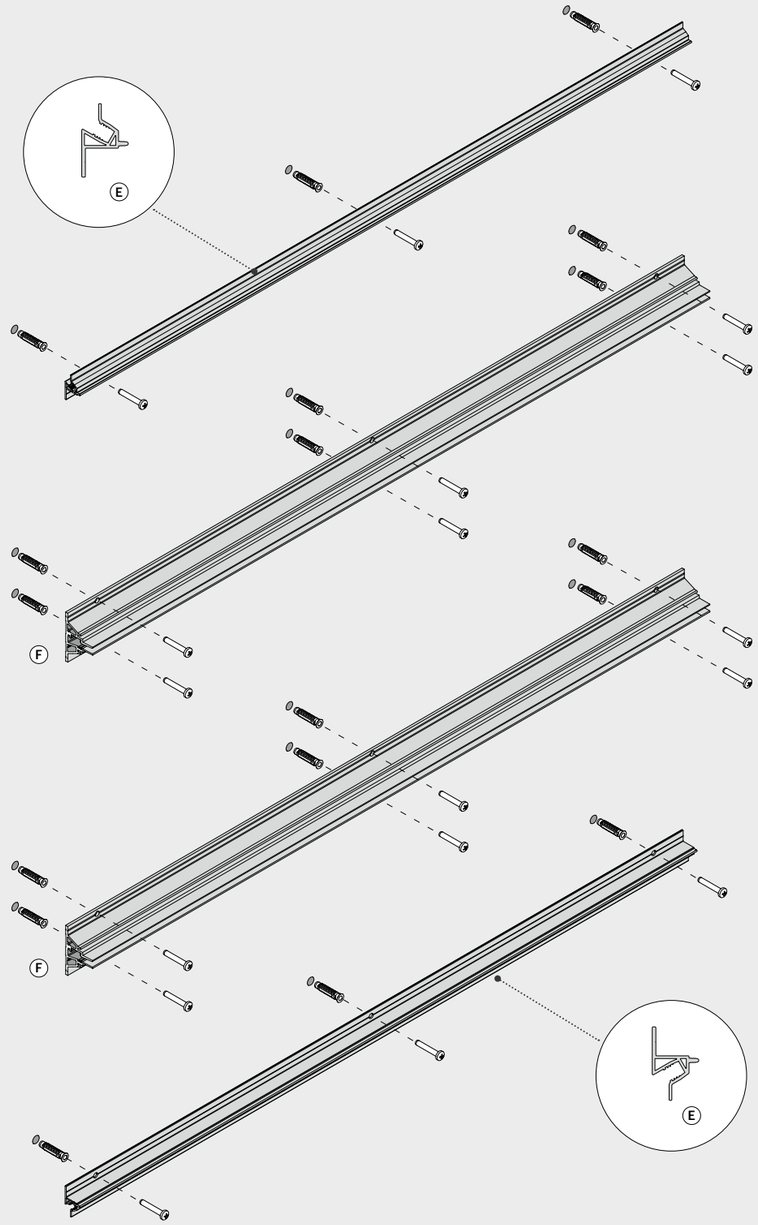
12 PCS (T)



14 PCS (V)

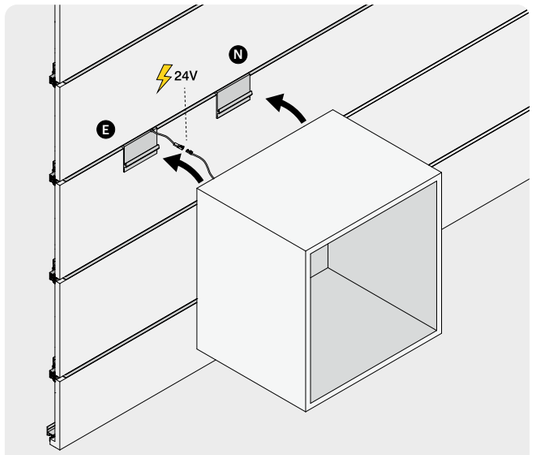


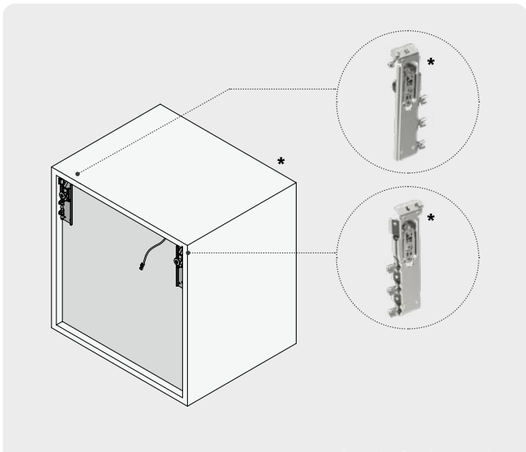
Neutral profiles



Hi Line L - Wall-mounted furniture bracket

24 V





* by the furniture maker

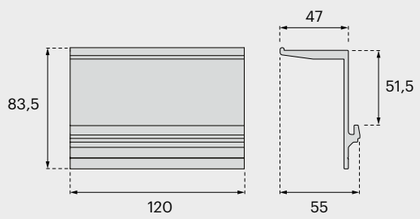
HANGER BRACKET

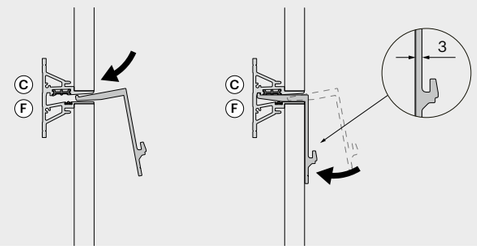
- The bracket allows wall units, tall units or suspended units to be fitted to the Hi Line L paneling: a solution that enhances the system's versatility and enables the creation of unique layouts tailored to the available space and design requirements.
- Made of extruded aluminium.
- Easy and intuitive installation; can be freely repositioned along the central profile of the paneling.
- Designed to support heavy loads with a maximum load capacity of up to **120 kg** per bracket pair.
- Compatible with the main models of cabinet's mounting hangers (the use of **LIBRA H3 or H7** hanger serie is recommended): use n°1 bracket for each hanger fitted to the suspended unit.
- Available in a version with plastic power connector for installation on electrified central profiles Ⓒ: the bracket features n°2 cabled LED outputs to power any lamps that may be integrated into the wall-mounted unit.

Ⓘ2 Aluminium



(mm) Ⓝ





120 x 83.5 x 55 mm

E - Elelectrified / Cabled .....

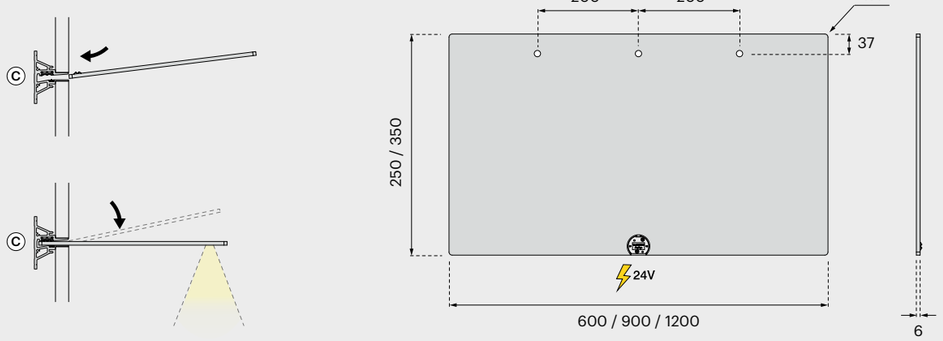
N - Neutral .....



Hi Line L - Repositionable illuminated shelves

24 V WW

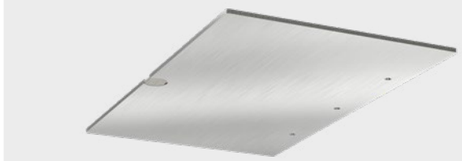
(mm)



ILLUMINATED METAL SHELF

- Shelf just 6mm thick, made of aluminium or stainless steel.
- Dot LED lighting integrated into the underside of the shelf, providing crisp illumination of the objects below: the number of LEDs varies according to the length of the shelf, with a fixed spacing of 80mm.
- Mono LED light source with a 3000K fixed color temperature.
- Without cables, powered by the central electrified profile Ⓒ of the paneling via an integrated plastic power connector.
- Easy and intuitive installation; can be freely repositioned along the central electrified profile Ⓒ of the paneling.
- Minimalist design with distinctive aesthetic, featuring a soft metallic sheen that shifts with the light to enhance contemporary residential spaces such as living areas, kitchens and walk-in wardrobes.

Max load: **10Kg** evenly distributed



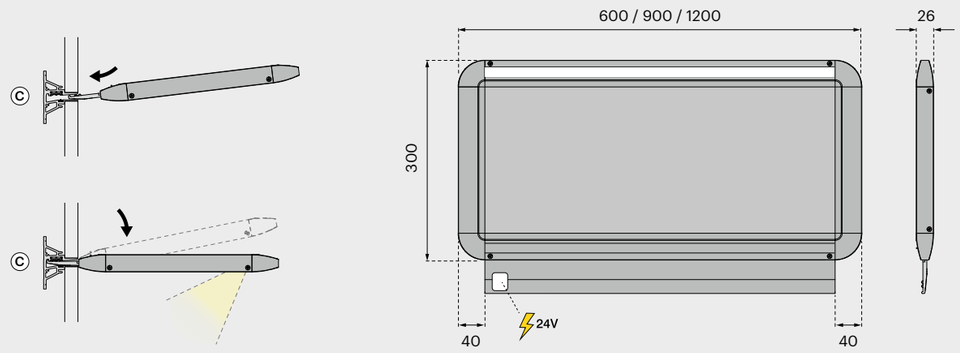
24 V

				53 s. steel	12 aluminium
24 V	3000K	3W (3 x 1W)	600 x 250 x 6 mm	.....	.....
			600 x 350 x 6 mm	.....	.....
		4W (4 x 1W)	900 x 250 x 6 mm	.....	.....
			900 x 350 x 6 mm	.....	.....
		6W (6 x 1W)	1200 x 250 x 6 mm	.....	.....
			1200 x 350 x 6 mm	.....	.....

Hi Line L - Repositionable illuminated shelves

24 V WW

(mm)



ILLUMINATED ALUMINIUM SHELF WITH GLASS

- Anodised aluminium frame with a 4mm dark glass shelf; complete with integrated mounting bracket.
- Linear LED lighting integrated into the underside of the shelf, with oriented light beam for clear illumination of the objects below and to enhance the finish of the paneling's back panels.
- Mono LED light source with a 3000K fixed color temperature.
- Without cables, powered by the central electrified profile Ⓒ of the paneling via an integrated plastic power connector.
- Easy and intuitive installation; can be freely repositioned along the central electrified profile Ⓒ of the paneling.
- Exclusive design, featuring tapered profiles and rounded corners, available in the elegant Rose Gold or Iron Grey finishes.
- Available in custom measures.

Max load: **10Kg** evenly distributed

Rose Gold



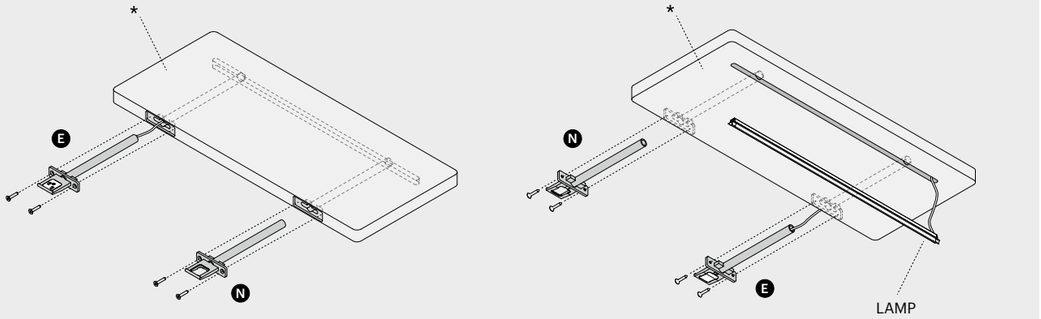
66 Iron grey



24 V	3000K	rose gold	18,5W	600 x 300 x 26 mm	.....
			28,9W	900 x 300 x 26 mm	.....
			40,3W	1200 x 300 x 26 mm	.....
		66 iron grey	18,5W	600 x 300 x 26 mm	.....
			28,9W	900 x 300 x 26 mm	.....
			40,3W	1200 x 300 x 26 mm	.....

Hi Line L - Repositionable illuminated shelves

24 V



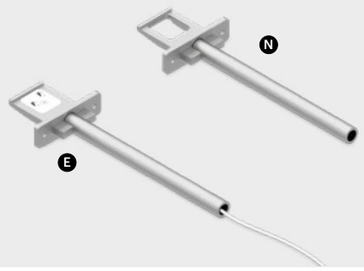
* by the furniture maker

WOODEN SHELVES BRACKETS

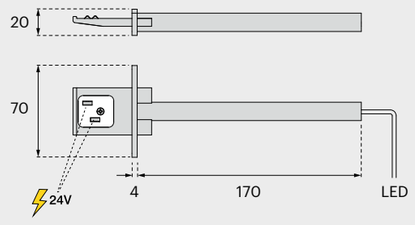
- Staffa reggimensola a scomparsa realizzata in acciaio, per l'utilizzo nella boiserie Hi Line L di **mensole in legno da 25mm** di spessore (a cura del mobiliere): installazione sul retro della mensola, previa opportuna lavorazione della sede di innesto, tramite viti autofilettanti (incluse).
- Easy and intuitive installation; can be freely repositioned along the central profile Ⓒ of the paneling.
- Designed to support heavy loads with a maximum load capacity of up to **20 kg** per bracketp pair.
- Available in a version with plastic power connector for installation on electrified central profiles Ⓒ: the bracket features n°1 cabled LED output for powering any lamp integrated into the shelf (custom or made-to-measure lamp on request, with wiring concealed inside the shelf).
- The number of brackets to be used (evenly spaced) varies according to the length of the wooden shelf:

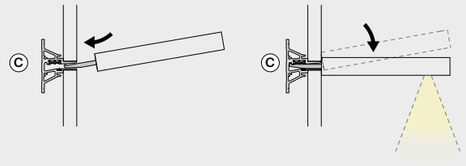
  - Shelves ≤1200 mm: n°2 brackets
  - Shelves >1200 mm / ≤2400 mm: n°3 brackets
  - Shelves >2400 mm: n°4 brackets

(91) Steel



(mm) E





E - Elelectrified / Cabled .....

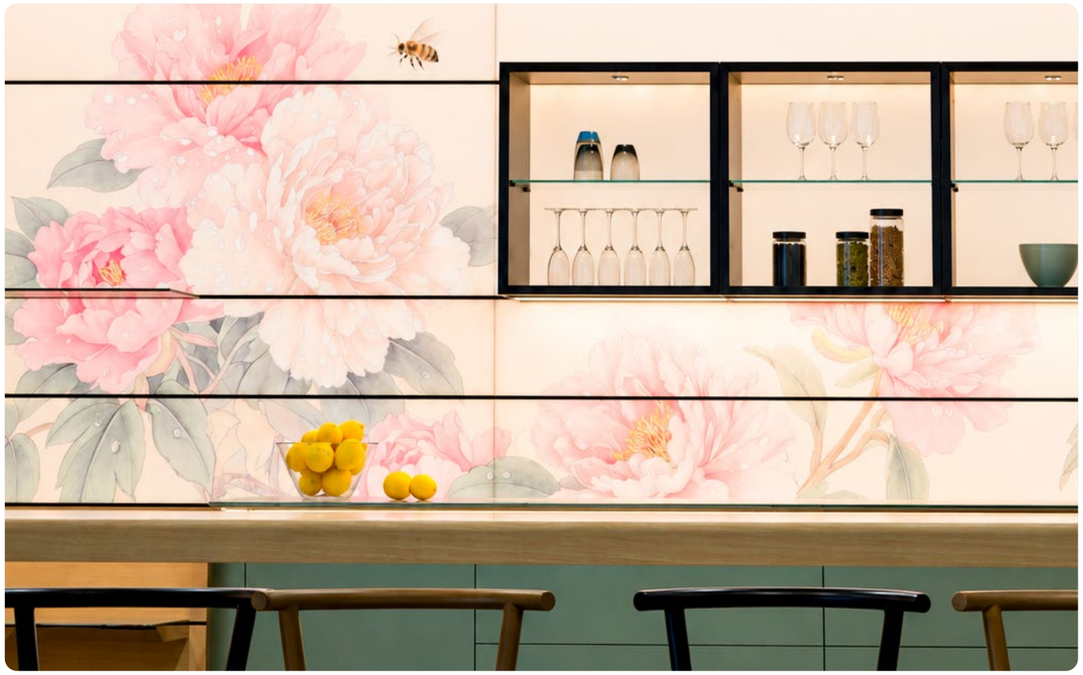
N - Neutral .....





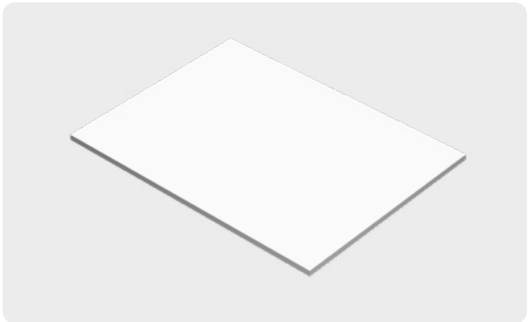
Hi Line L - Lighting panels

24 V WW



L SOLARIS

- designed to replace one or more wooden panelling back panels to decorate, illuminate and set the atmosphere in any room.
- Supplied complete with back panels fixing brackets T.
- Can be customised with prints for decorative effect or, in retail settings, to be used as a visual communication tool.
- Available made to measure.





Hi Line L - LED Driver connection

(G) POWER CABLE

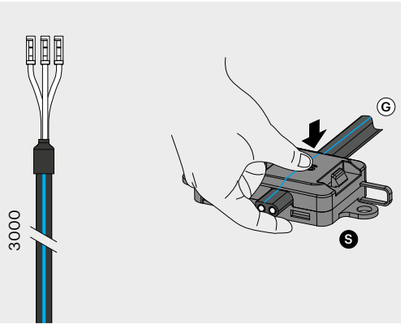
- 3000 mm two-pole power cable for direct connection to MEC Lite Power Supply Unit or its associated Control Modules.
- The cable supplies power to the structural profiles of the wall paneling system (LED integrated edge profiles (A) and central electrified profiles (C)) via electrification connectors (B)/(D) installed at the side of the profiles, both complete with "Spider" connector (S).
- Cuttable to size



3000mm

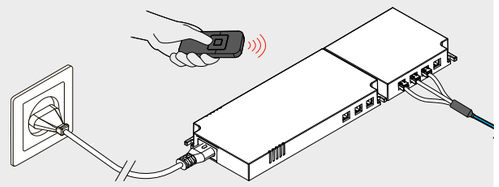
(24 V) DC IN .....

Driver and remote control solutions are not included.
The number of installable light fixtures always depends on the power (W) supplied by the Driver, which must always be at least 10% higher than the total load (W) of the fixtures



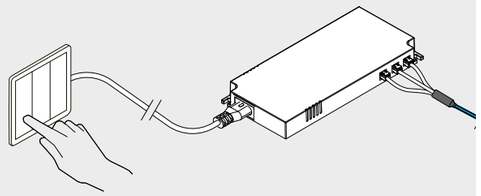
REMOTE CONTROL

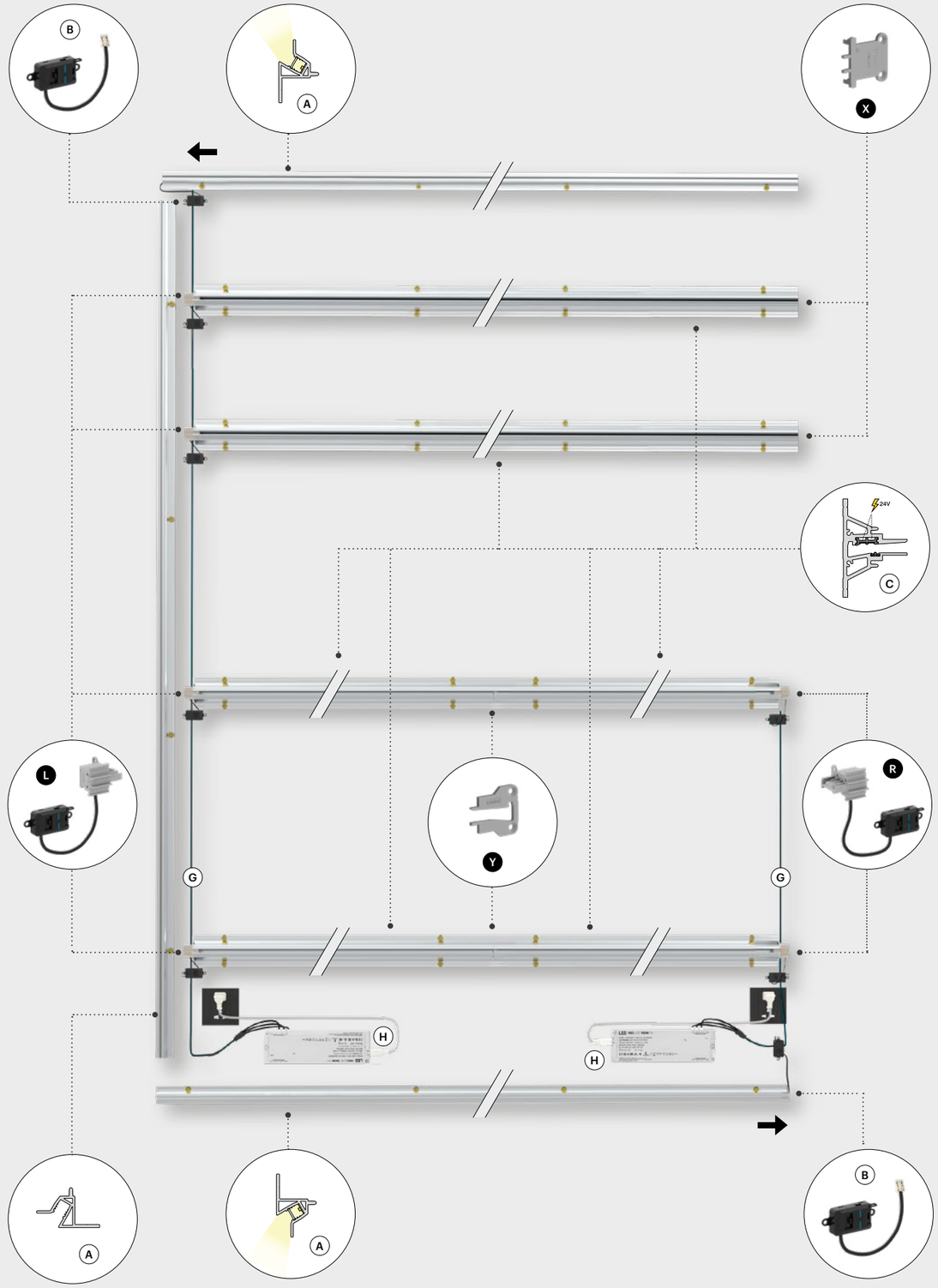
Connection to Control Module, eith power supply unit connected to a standard outlet: for use with wireless transmitters or Smart Home solutions.



POWER SUPPLY ONLY

Connection to integrated power distributor, power supply unit connected to a switch controlled outlet.

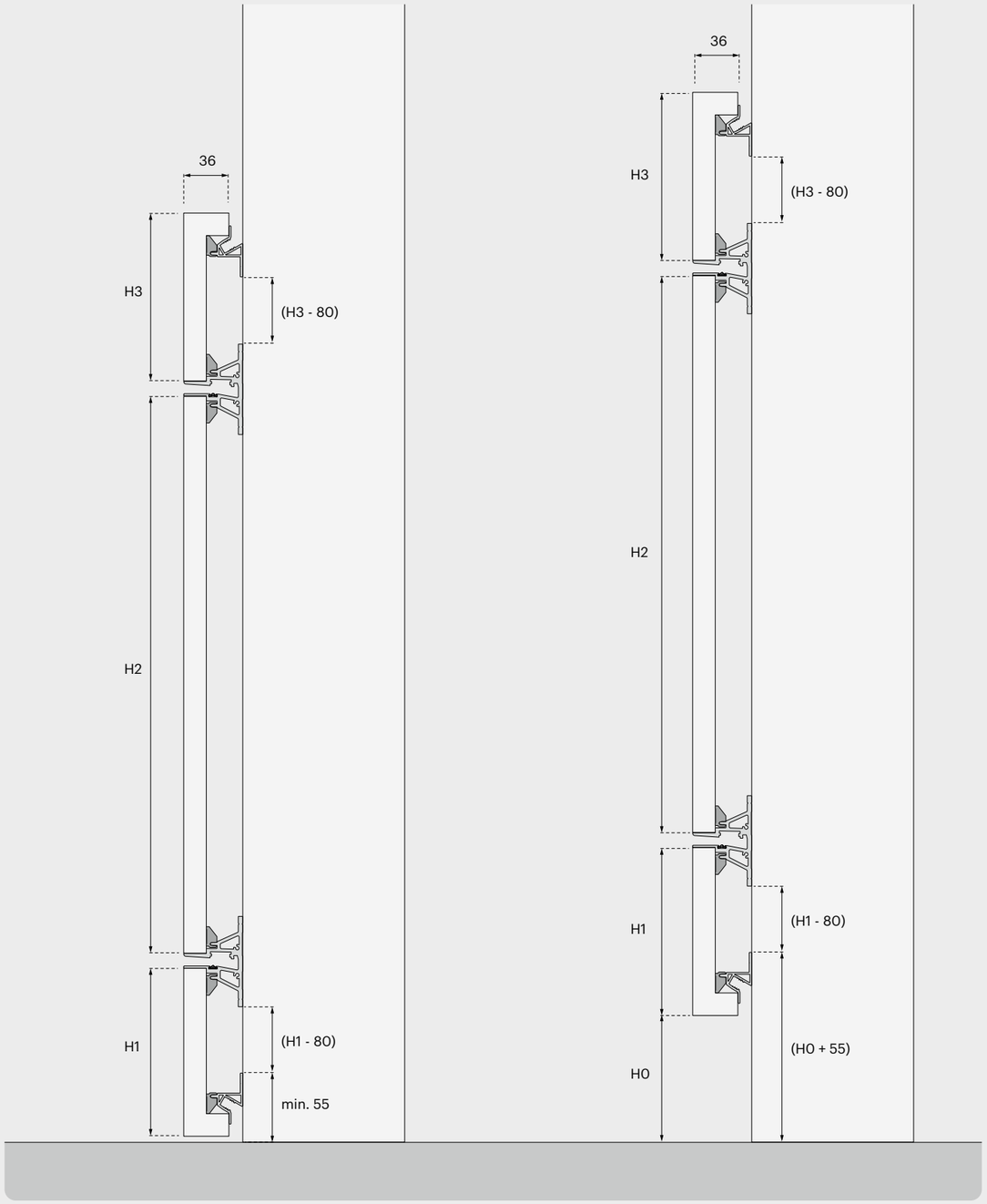




Hi Line L - Technical drawings

(mm)

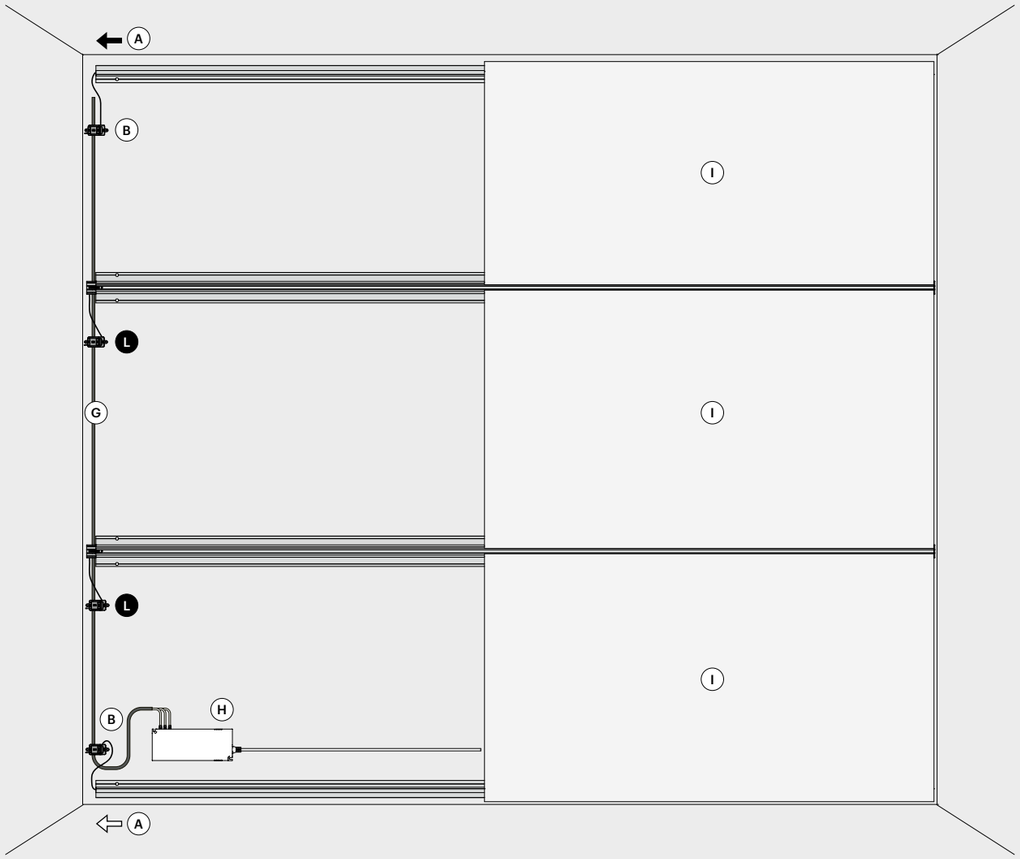
Always starting from the floor, use dimensions H0 and H1 to position the first two structural profiles of the paneling.
Next, use a back panel (H2) as a template to determine the correct position of the subsequent central profiles.
Complete the paneling structure with the top edge profile, using dimension H3 as a reference.

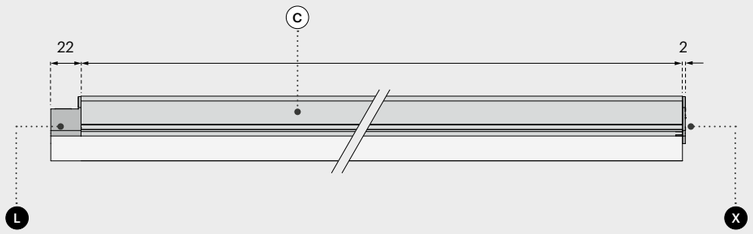




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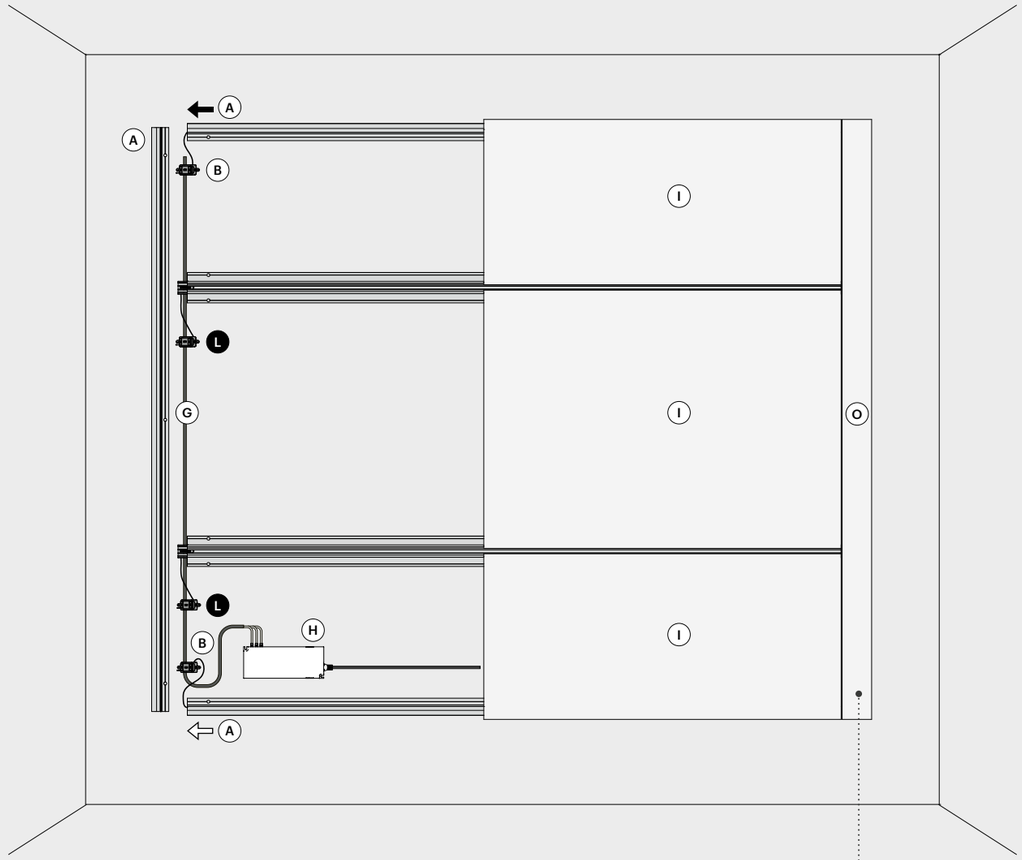
(mm)

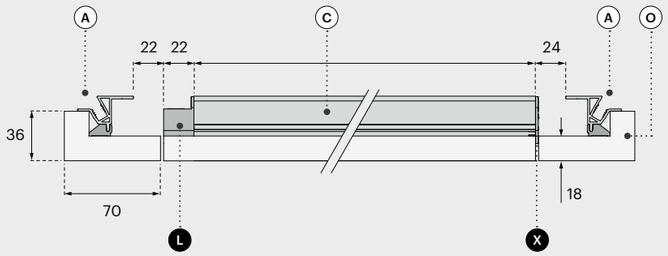


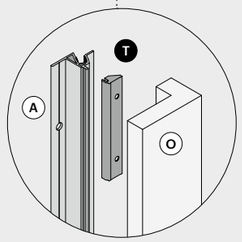


Hi Line L - Technical drawings

(mm)







The information in this catalog may be subject to errors.
The items, their characteristics, data, and dimensions contained therein are not binding and may be subject to change without notice from the company.

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