

Hi Line



Modular electrification system
with integrated lighting
for horizontal panelling



L&S

Hi Line

Modular electrification system
with integrated lighting
for horizontal panelling

Hi Line

**PATENT
PENDING**

A wall of opportunities

The electrification system for horizontal paneling that integrates linear lighting, creating blades of diffused light with great visual impact

The structural aluminum profiles conceal a practical track electrification system that allows for the integration of elegant aluminum shelves with built-in lighting into the paneling. This is an aesthetic and functional solution that eliminates the need for visible cables and simplifies the installation process.

Hi Line is a customizable and versatile system that enhances living and exhibition spaces with the option to integrate aluminum storage modules, linear lighting, or Solaris light panels to create captivating light effects.

IDEAL FOR

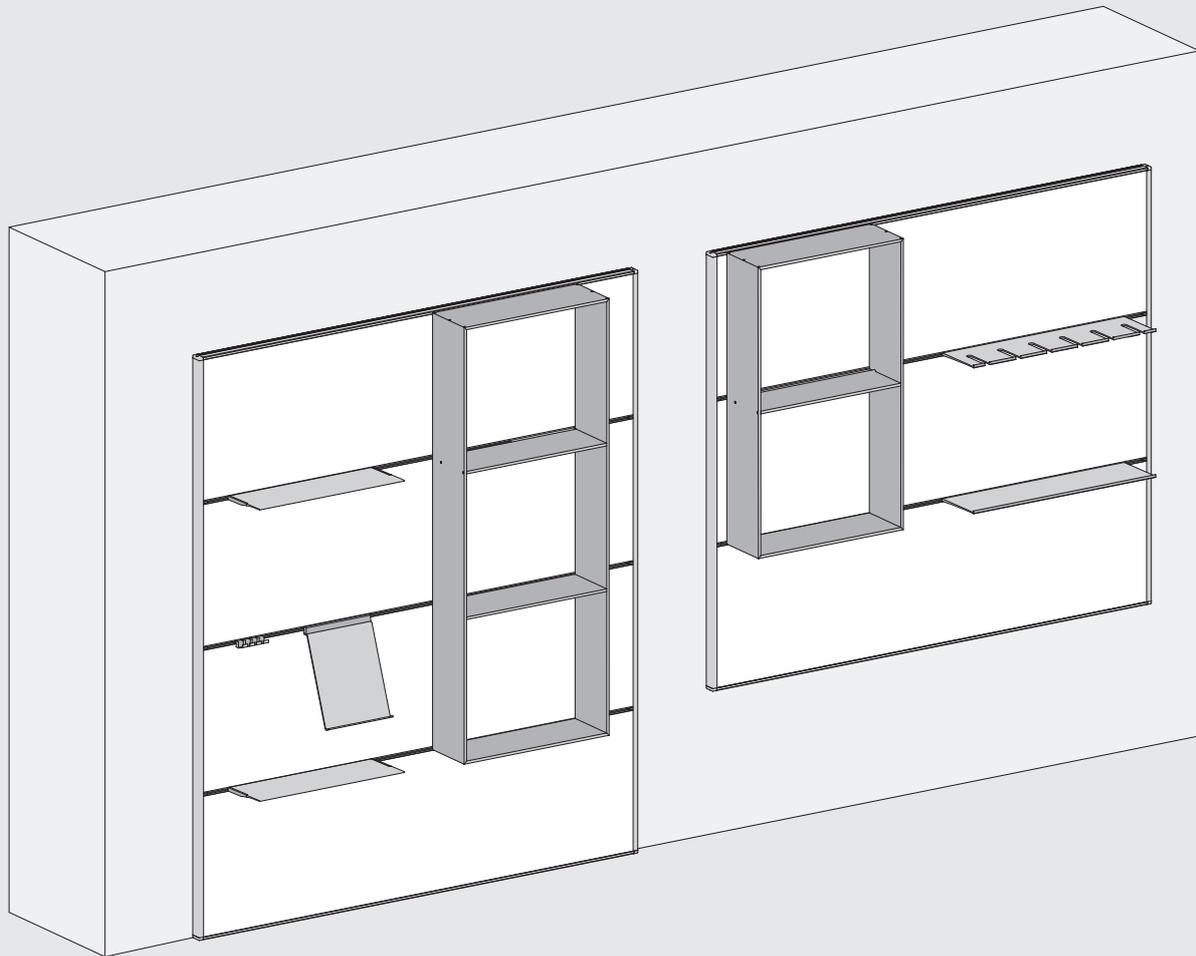
- every residential environment
- retail

FEATURES

- modular and versatile
- easy installation
- cable-free electrification of shelves
- decorative lighting and furniture element

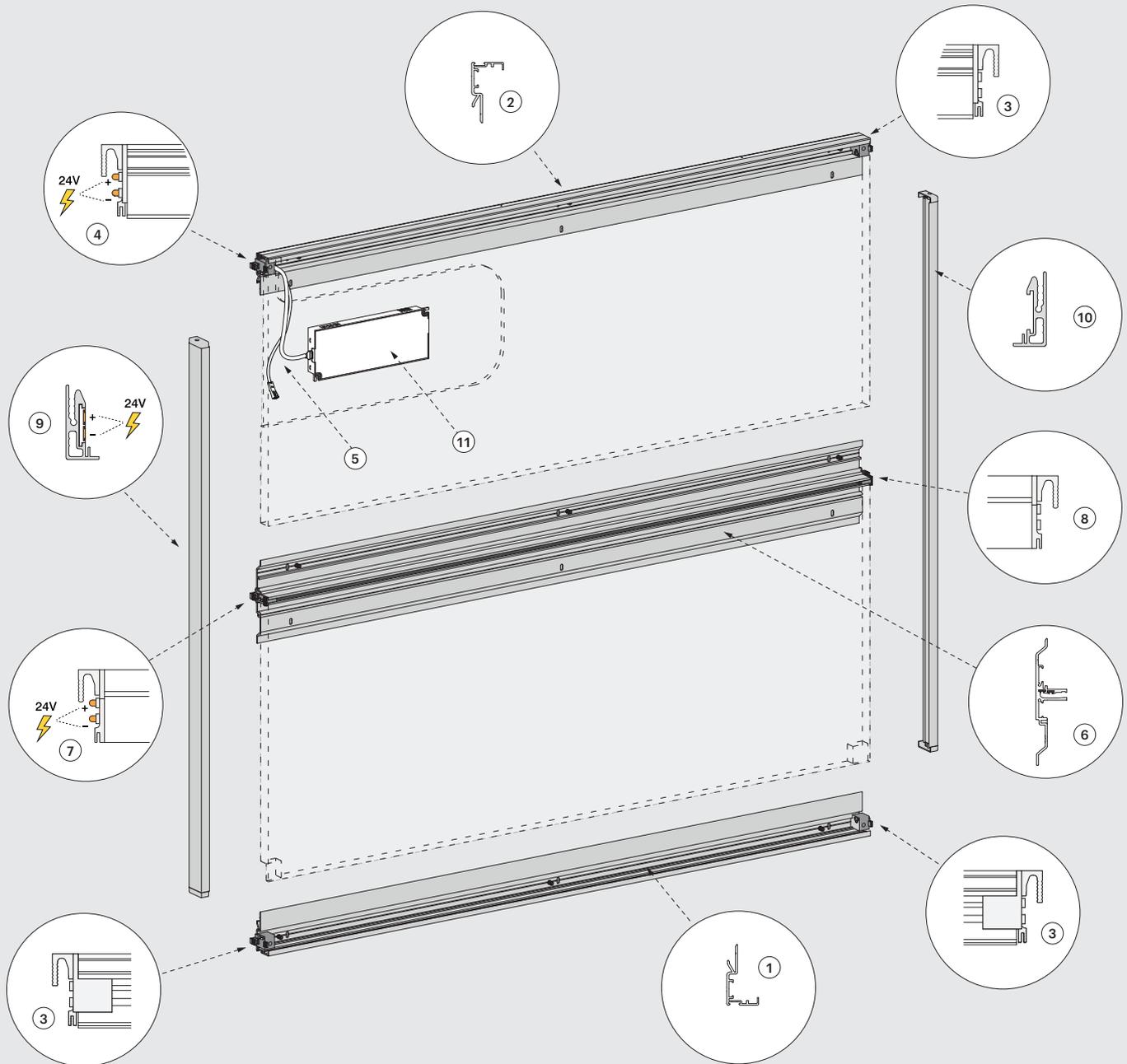


Component schedule



The Hi Line system allows the configuration of electrified structures for horizontal wall-paneling, enabling the wireless integration of light fixtures and aluminium accessories. The modular electrified structure can be installed as either a floor-mounted or suspended element and can be integrated with upper or lower linear wall-washer lighting.

Hi Line Hi Line is compatible for use with wooden back panels up to 19mm (by the furniture maker)



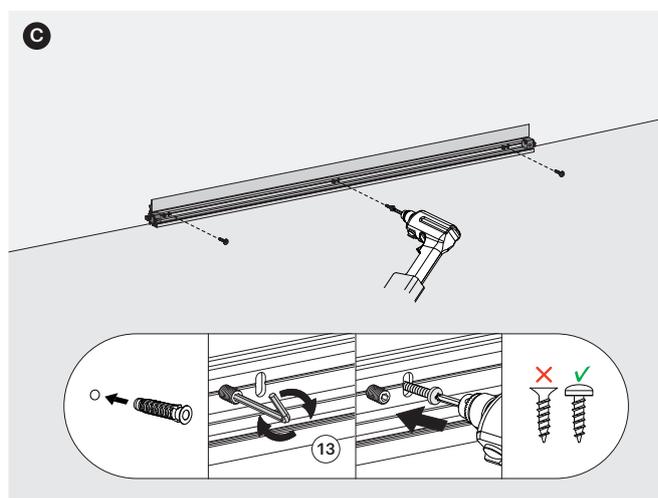
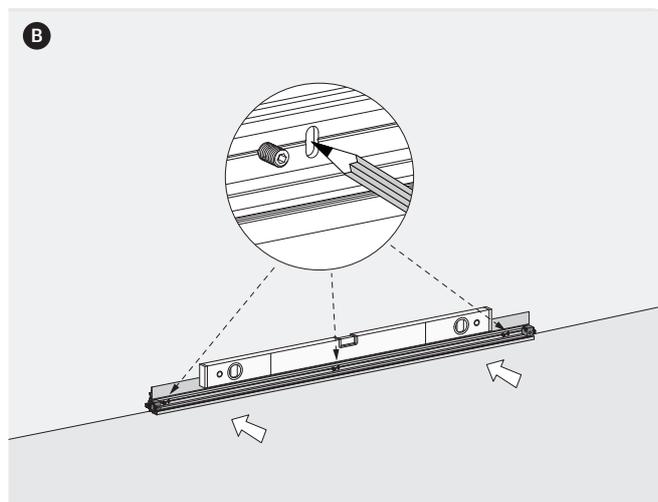
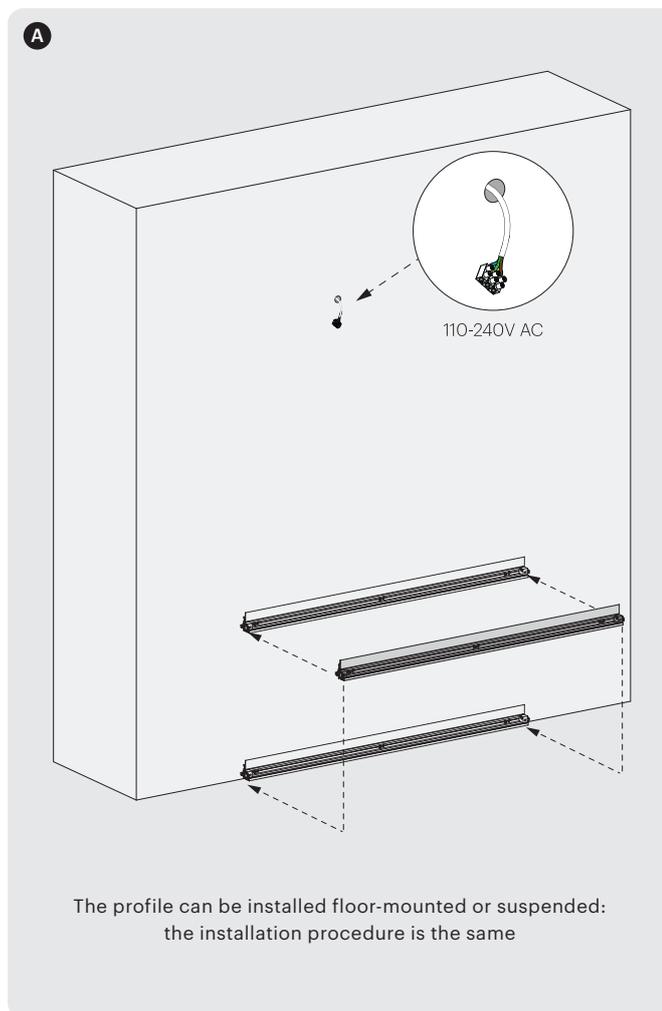
1. Lower closing profile
2. Upper closing profile (**electrified**)
3. Side profile mounting bracket, installed on closing profile
4. **Cabled electrified** side profile mounting bracket, installed on closing profile
5. **Electrified** mounting bracket wiring
6. Rear profile, **electrified**, complete with concealed conductive tracks
7. **Electrified** side profile mounting bracket, installed on rear profile
8. Side profile mounting bracket, installed on rear profile
9. **Electrified** side profile, complete with concealed conductive tracks
10. Side profile
11. LED Driver (not included)
12. Wooden back panel (by the furniture maker)





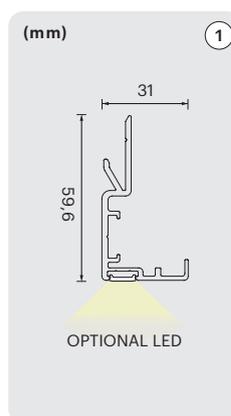
Hi Line - Aluminium structural profiles

03 Black



LOWER CLOSING PROFILE

- Wall mounted, leaned on the floor or suspended
- Side profile mounting brackets installed at the ends: neutral **(3)** or electrified **(4)** - cable power supply for wallwasher LED
- Pre-installed adjustment Allen screws **(13)** (for wall irregularities compensation)
- Optional: wallwasher LED-Reel, complete with polycarbonate screen cover
- Not supplied: screws 3.5x45mm minimum and dowels suitable for the wall material

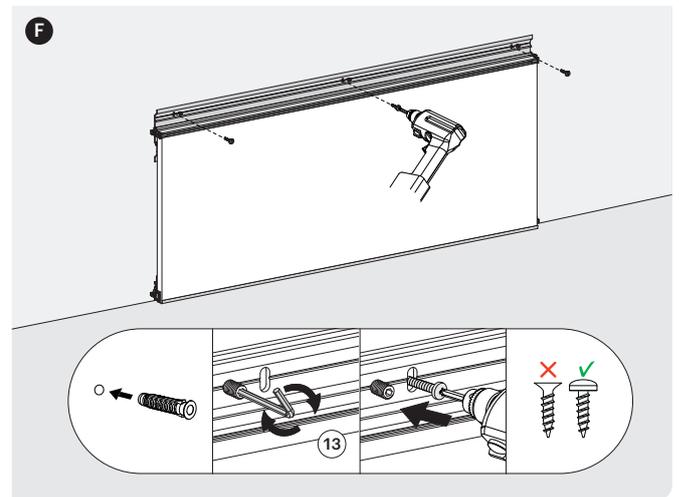
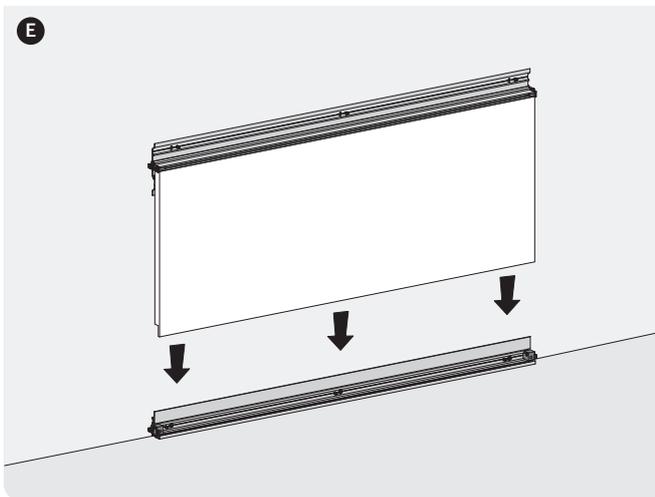
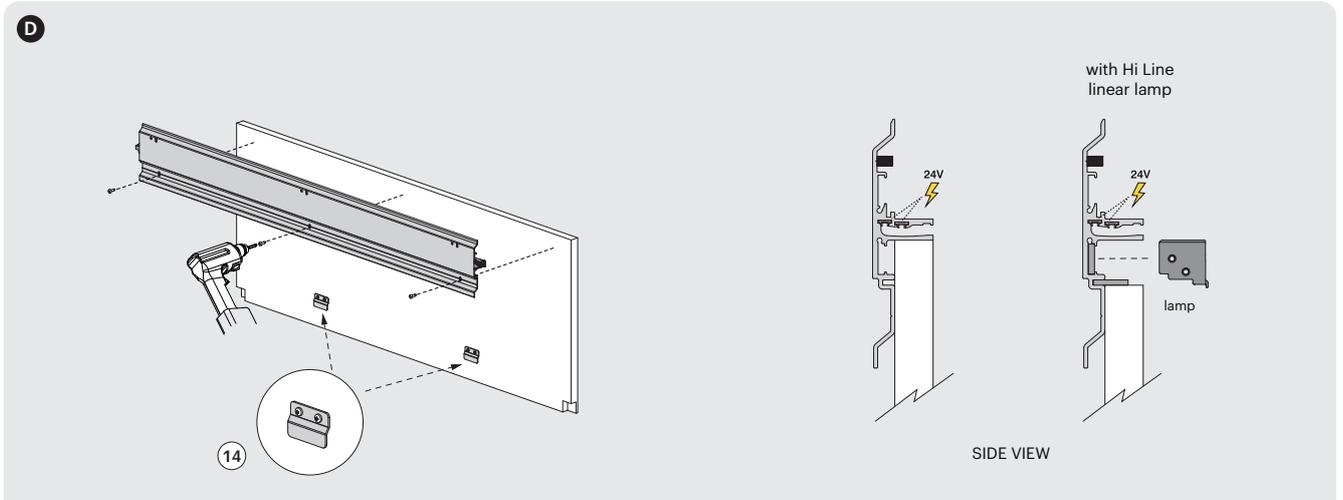


L (mm)= max. 3950mm

custom

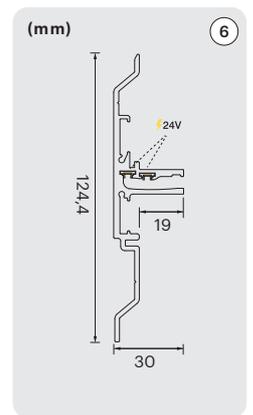
Hi Line - Aluminium structural profiles

03 Black



REAR PROFILE

- To be fixed on paneling wooden back panels
- Mounting brackets installed at the ends for neutral (8) and electrified (7) side profiles
- The accessory groove integrates a pair of concealed conductive tracks (plastic insulated) for light shelves electrification
- Preset for Hi Line magnetic lamp installation
- Pre-installed adjustment Allen screws (13) (for wall irregularities compensation)
- Back panel support brackets (14) included
- Not supplied: screws 3.5x45mm minimum and dowels suitable for the wall material

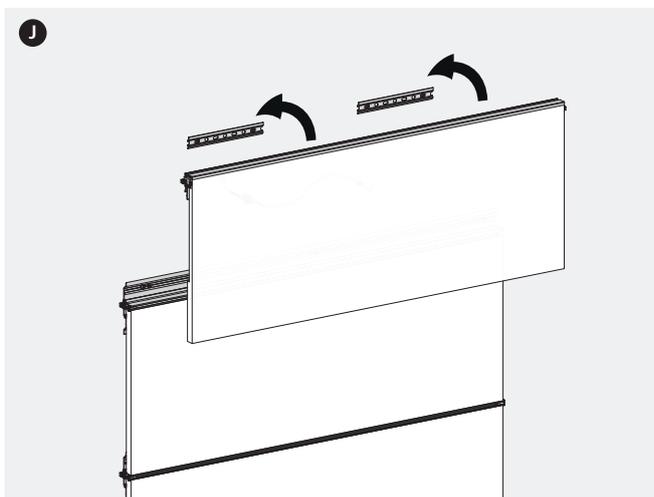
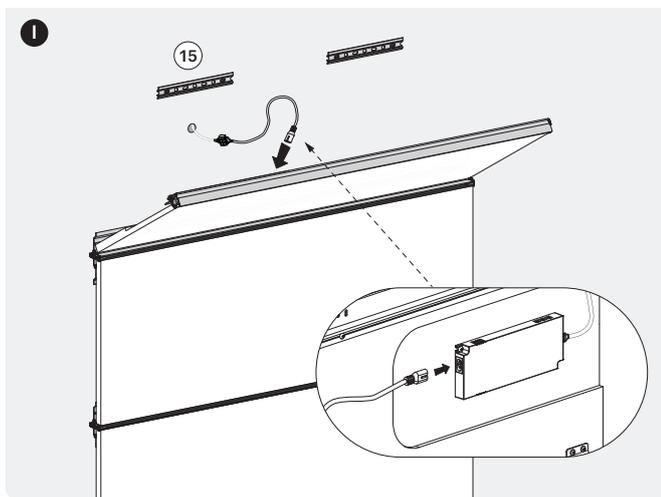
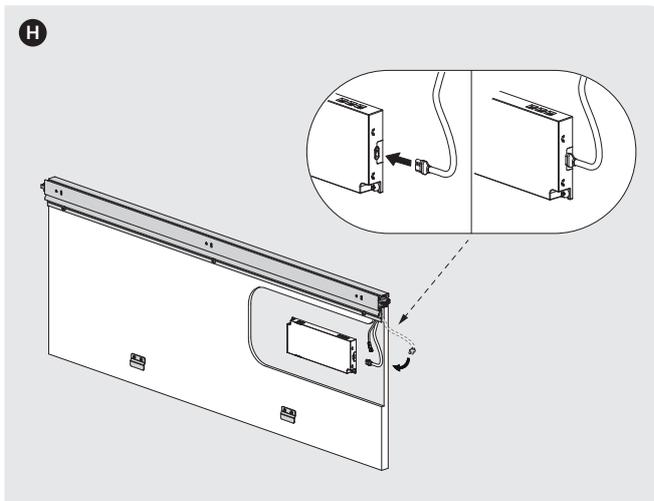
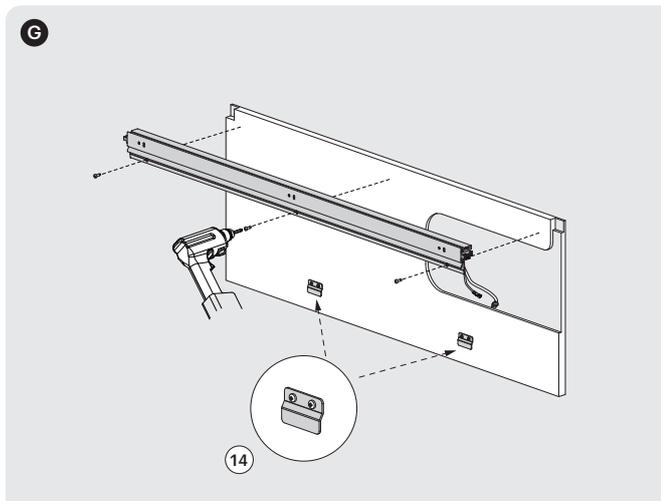


L (mm)= max. 3950mm

custom

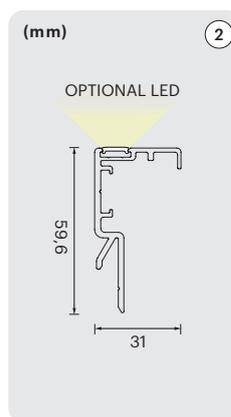
Hi Line - Aluminium structural profiles

03 Black



UPPER CLOSING PROFILE

- To be fixed on paneling upper panels; installation by means of wall brackets (15 - supplied)
- Side profile mounting brackets installed at the ends: neutral (3) or electrified (4 - to transmit the electrical signal from the Driver to the electrified side profile - 9 - or, in particular configurations, for LED wallwasher power supply)
- Backrest support brackets (14) included
- Pre-installed adjustment Allen screws (for wall irregularities compensation)
- Optional: wallwasher LED-Reel, complete with polycarbonate screen cover

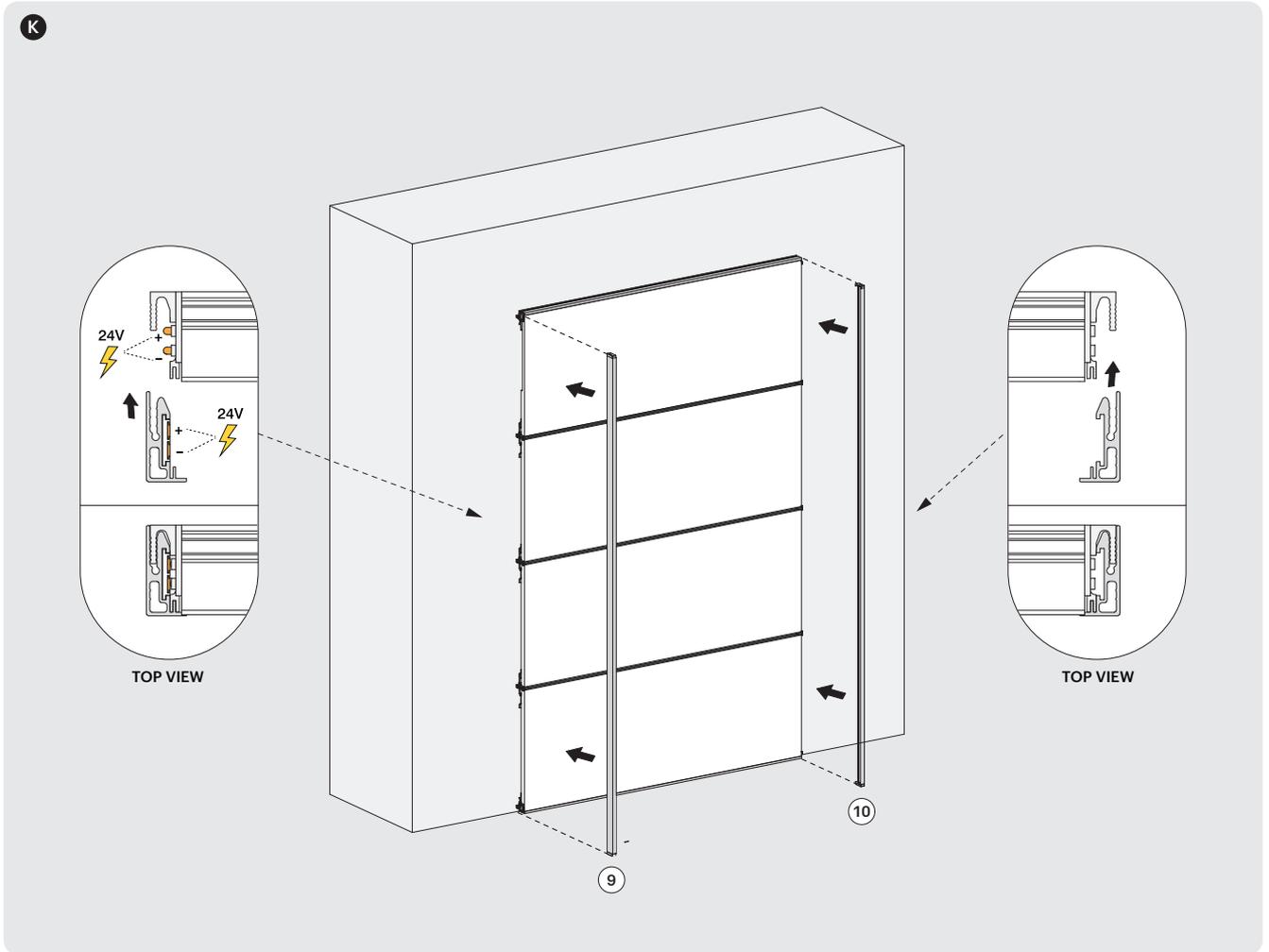


L (mm)= max. 3950mm

custom

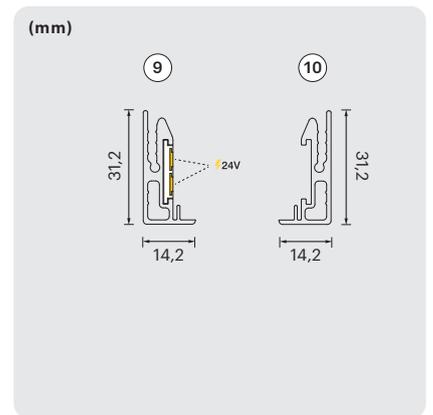
Hi Line - Aluminium structural profiles

03 Black



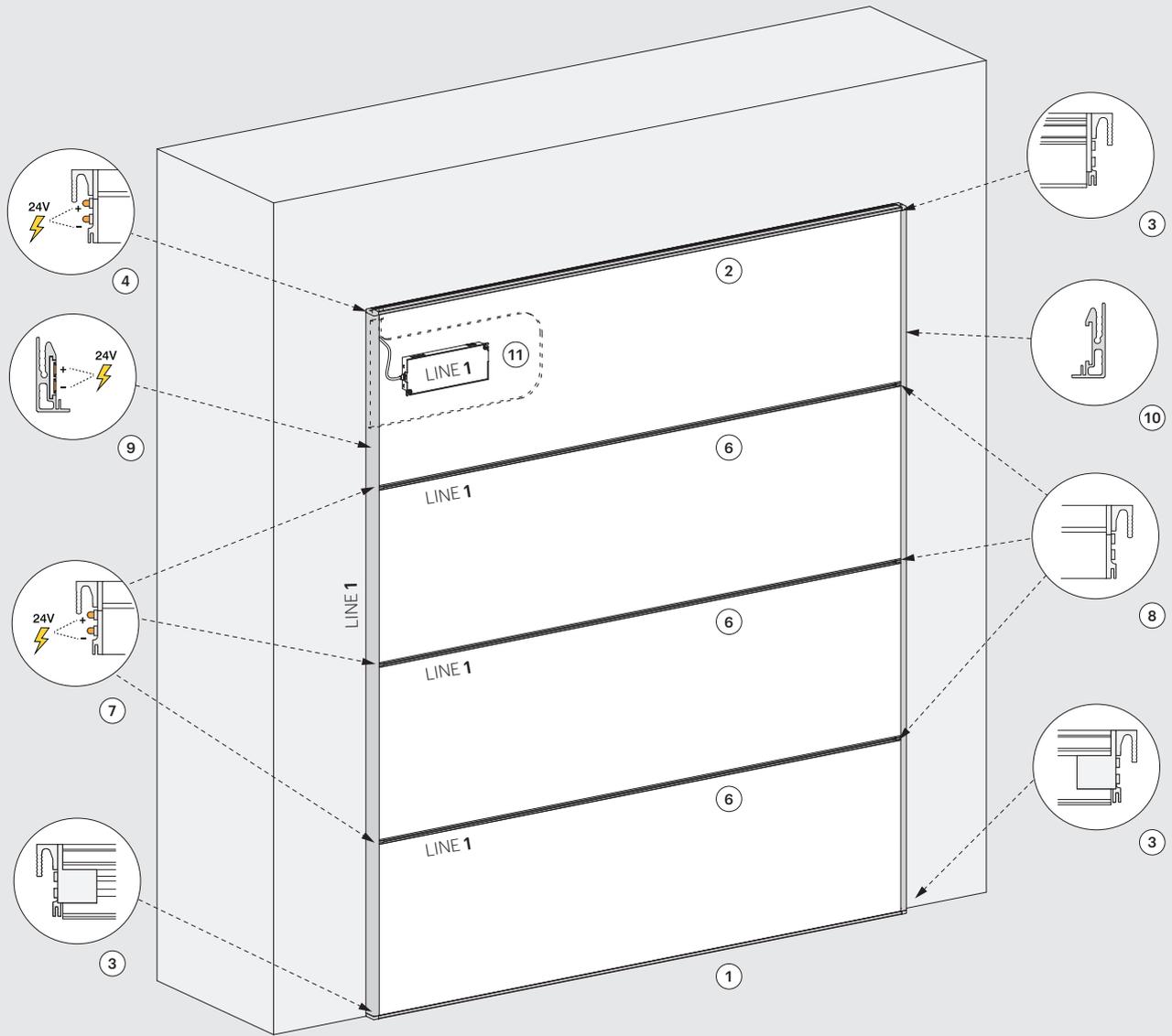
SIDE PROFILE

- To be installed at the paneling side on the mounting brackets (3/4/7/8 - pre-assembled on the structural profiles)
- The electrified version (9) integrates a pair of concealed conductive tracks (plastic insulated), necessary to transmit electrification to all rear profiles (6) of the paneling
- Supplied complete with plastic terminals



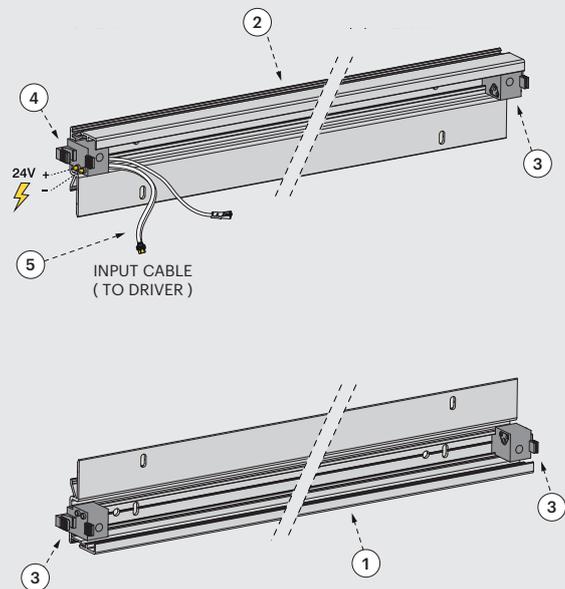
L (mm)= max. 3950mm

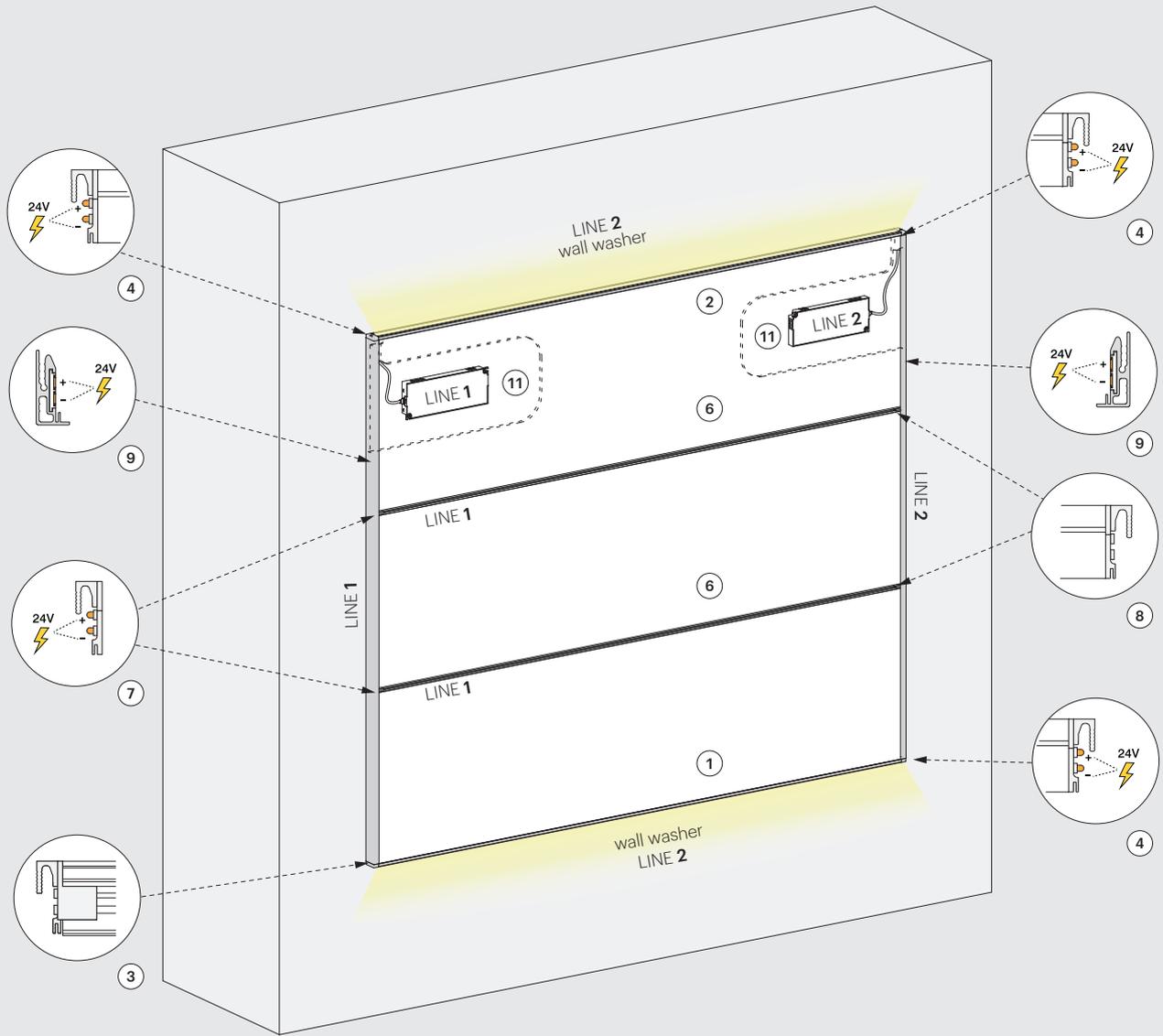
custom



Configuration with single electrified side profile

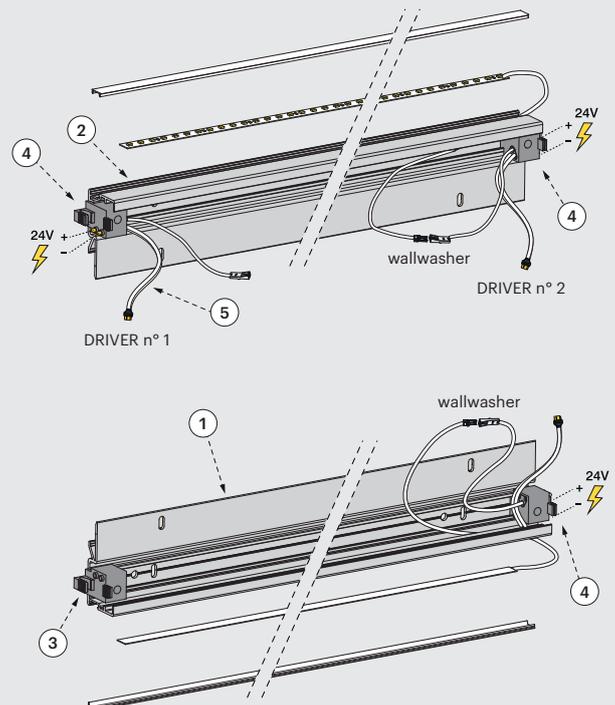
Single LED Driver configuration, ideal for panelings without wall-washer lighting; the electrified side profile mounting bracket (4) installed on the upper closing profile (2) is connected via cable to the Driver and transmits the electrical signal (**LINE 1**) to a single electrified side profile (9 - with integrated conductive tracks). All the rear profiles (6) so receive the signal via electrified side profile mounting brackets (7) which are configured and pre-assembled on the same side (left) as the electrified side profile (9).





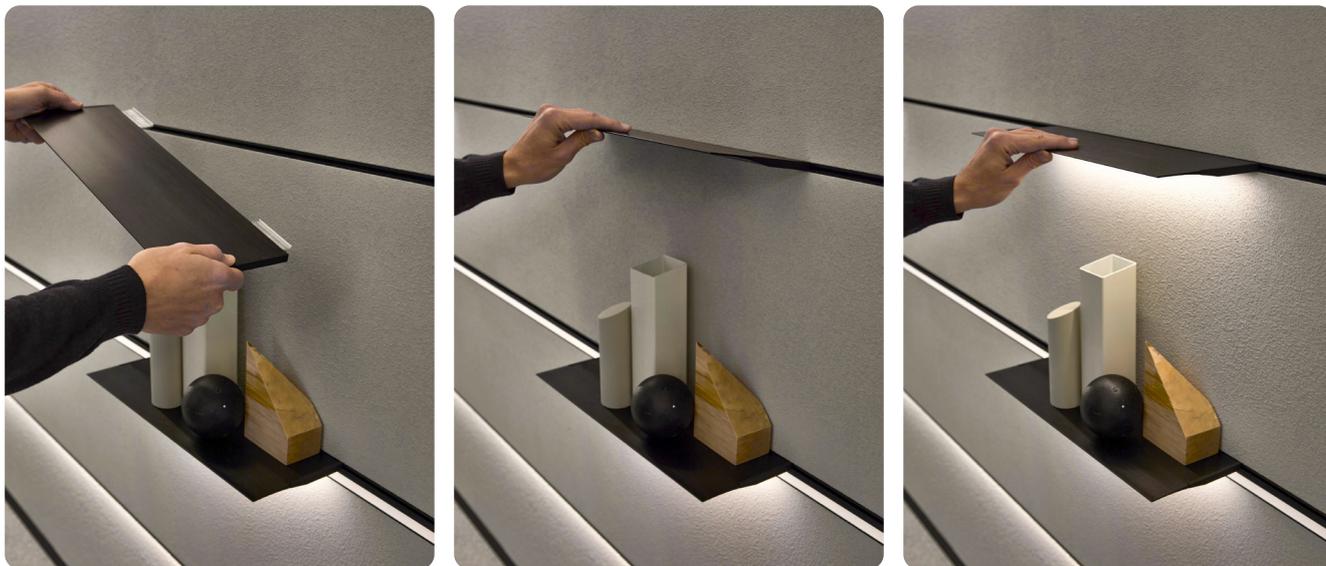
Configuration with double electrified side profile

Double LED Driver configuration, ideal for panelings with high LED load (W) (e.g. wall washer): the upper closing profile (2) is configured on both sides with electrified side profile mounting brackets (4) which, connected via cable to two Drivers, transmit two separate electrical signals (**LINE 1 / LINE 2**) to the side profiles, both electrified (9 - with integrated conductive tracks). The lower closing profile (1) and all the rear profiles (6) so receive the signal via electrified side profile mounting brackets (4/7) which are configured and pre-assembled to the right or left of the profiles for optimal distribution of the LED load (W) on the two lines.



Hi Line - Repositionable illuminated shelf

03 Black



- Thin and elegant, only 2mm thick at the front, the Hi Line luminous shelves enhance every space by creating blades of diffused light with great visual impact
- Easy and intuitive assembly
- Without cables, powered by the paneling rear profile (6) via plastic plastic insulated shelf bracket
- Made of brushed, scratch-resistant extruded aluminum in black finish, with polycarbonate screen cover and plastic sides
- Maximum load: 5Kg evenly distributed
- EDC Dual Color LED source with adjustable color temperature (3000K or 4000K)



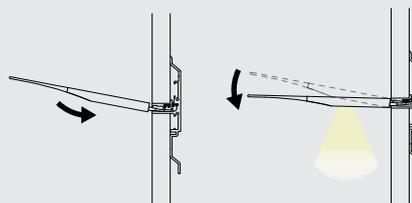
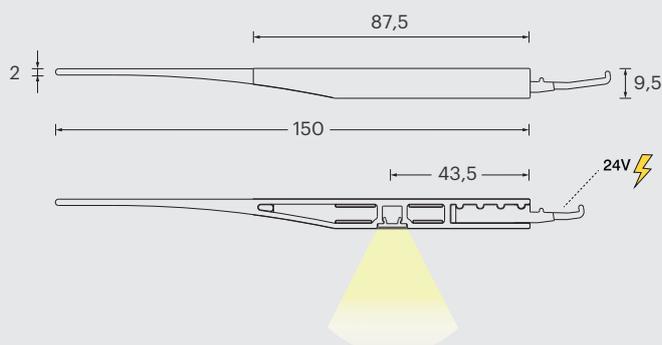
24V DC | LED 10W/m

EDC 3000K-4000K

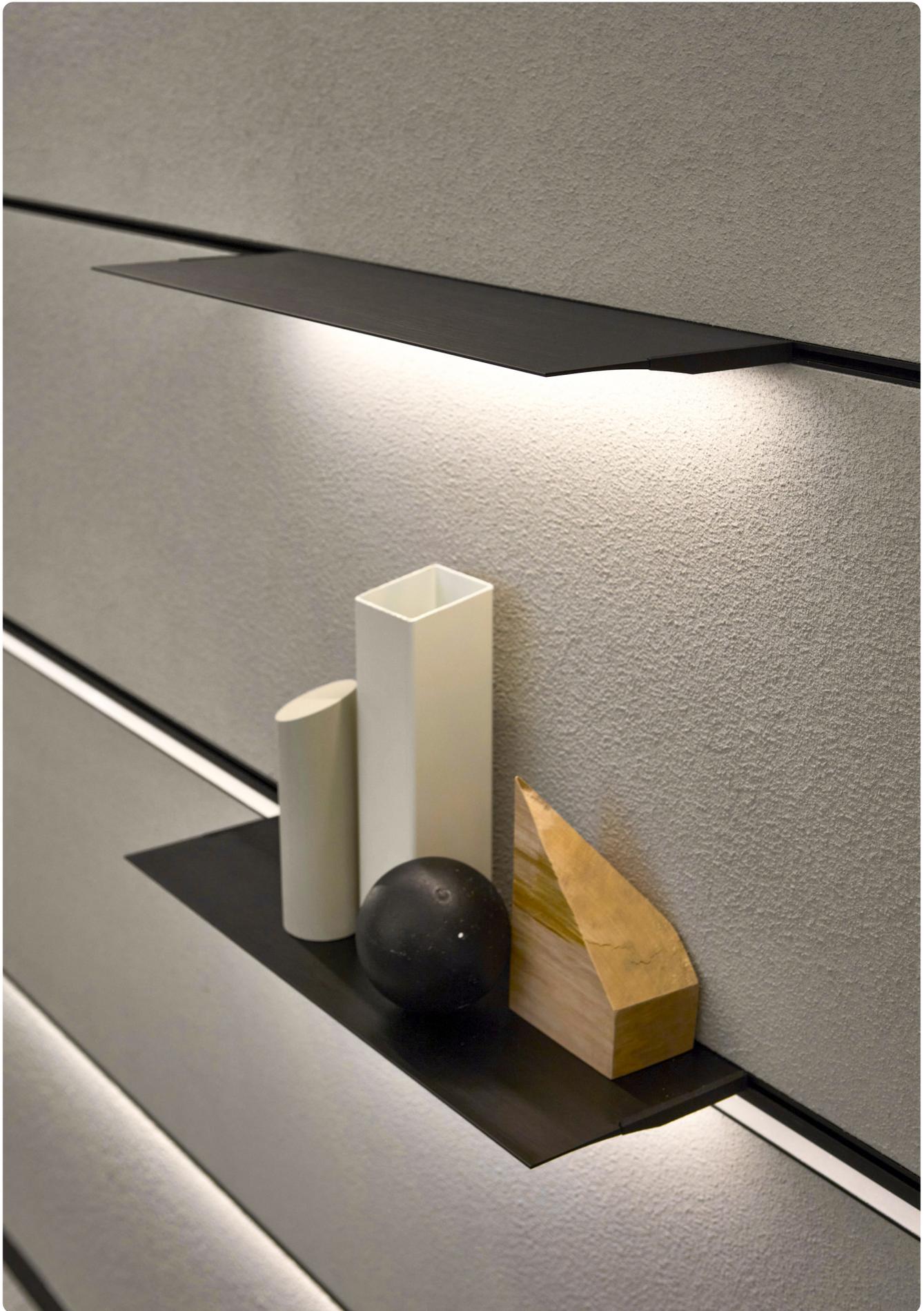
L (mm)= 600 / 900 / 1200 / 1500

on request

(mm)

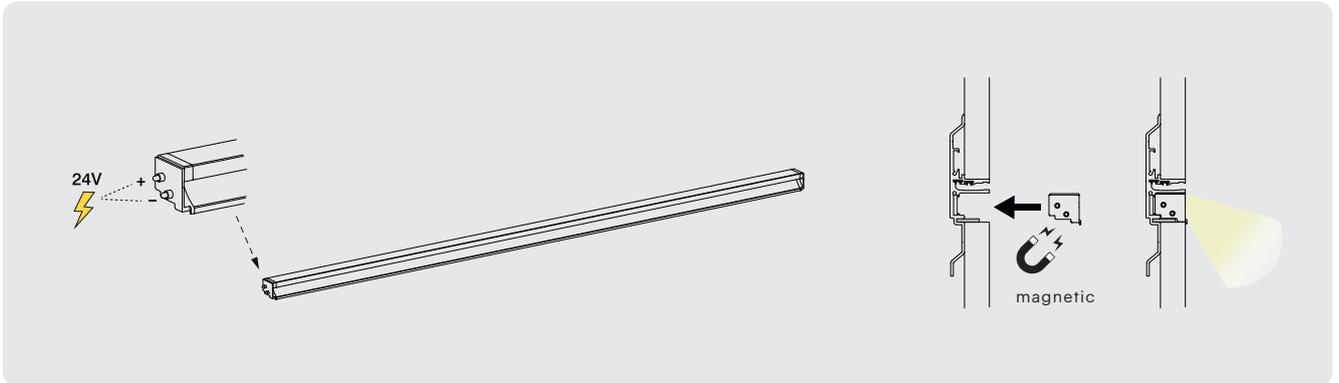




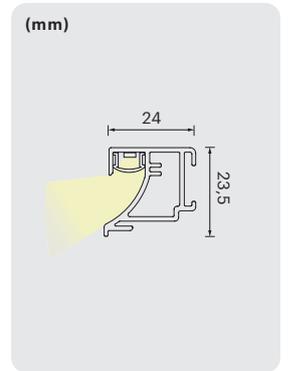


Hi Line - Magnetic linear lamp

03 Black



- Without cables: powered by electrified side profile (9) via electrified pin contacts on the sides
- Easy magnetic fixing inside rear profile (6)
- Made of extruded aluminum in black finish, complete with polycarbonate screen cover
- EDC Dual Color LED Light source, with adjustable color temperature (3000K or 4000K)



24V DC | LED 10W/m

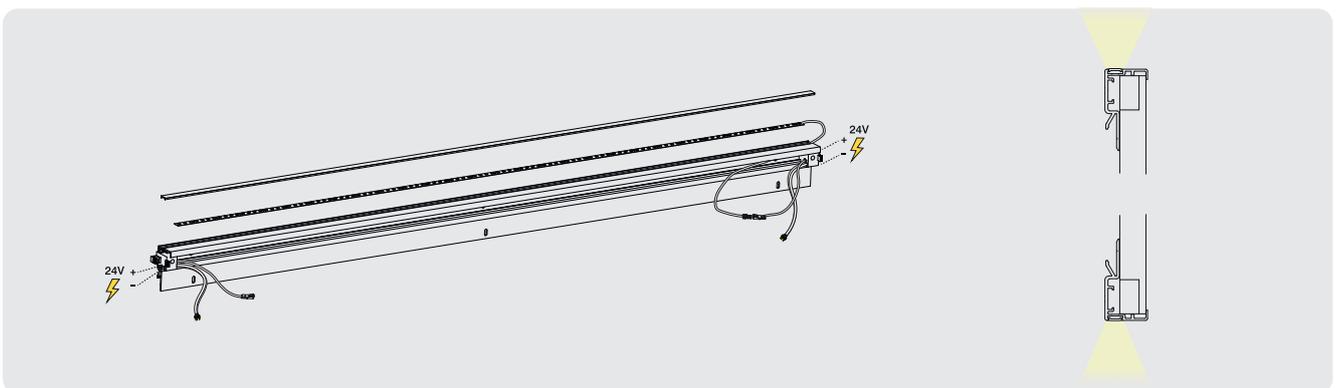
EDC 3000K-4000K

L (mm)= 600 / 900 / 1200 / 1500 / 1800

on request

Hi Line - Wall-Washer LED Strip

03 Black



- Supplied installed in the lower (1) or upper (3) closing profiles
- Powered via cable, connected to cabled electrified side profile mounting bracket (4)
- EDC Dual Color LED Light source, with adjustable color temperature (3000K or 4000K)

24V DC | LED 10W/m

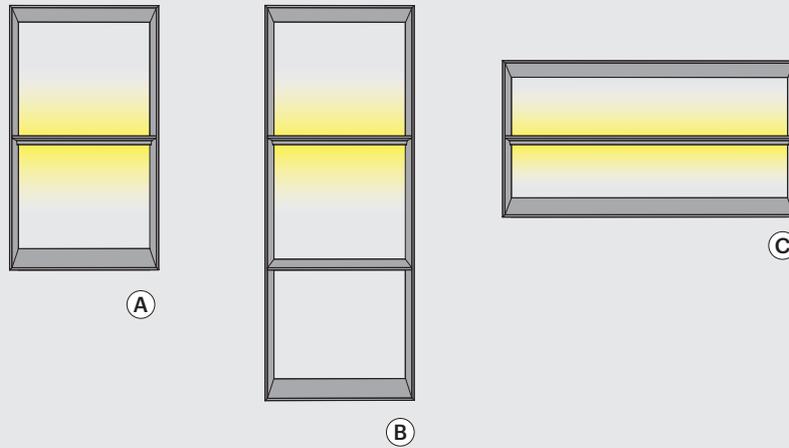
EDC 3000K-4000K

03 Black

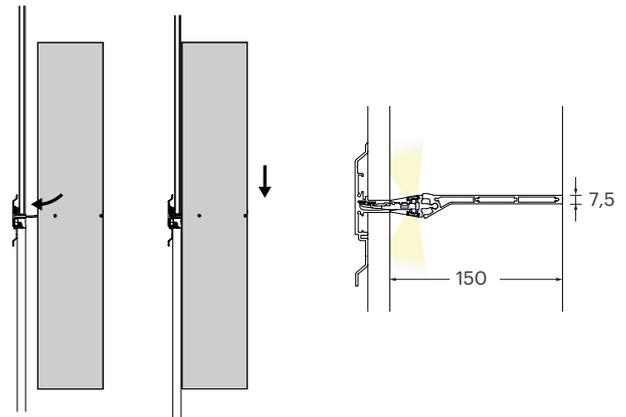
custom

Hi Line - Storage modules with integrated lighting

03 Black



- Repositionable horizontal or vertical modules made of black scratch-resistant brushed aluminium
- Available in open version
- Fixed depth 150mm
- Maximum load: 1Kg every 100mm
- Integrated double emission (upper and lower) light shelf without cables, powered by the paneling rear profile (6) via plastic insulated shelf bracket
- EDC Dual Color LED Light source, with adjustable color temperature (3000K or 4000K)



24V DC | LED 10W/m

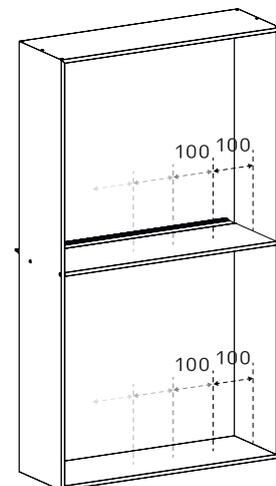
EDC 3000K-4000K

VERTICAL MODULES

A	450 x 150 x h 800mm	2 x compartments	8,6W	523100001
B	450 x 150 x h 1200mm	3 x compartments	8,6W	523100002

HORIZONTAL MODULES

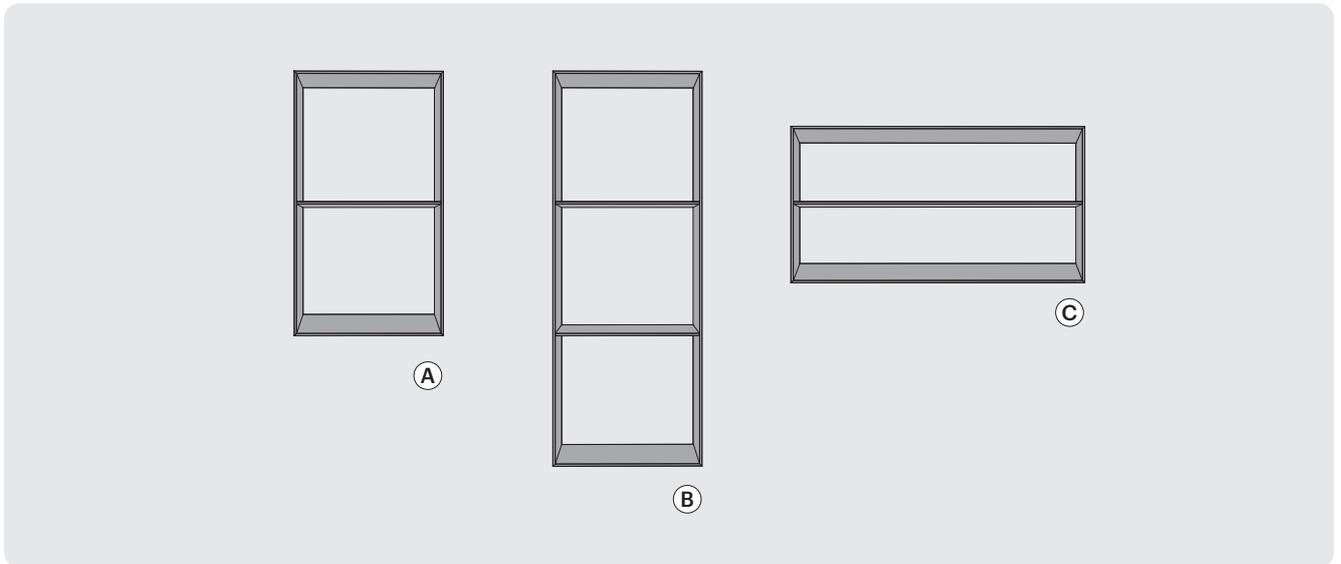
C	600 x 150 x h 450mm	2 x compartments	11,6W	523100006
	900 x 150 x h 450mm	2 x compartments	17,6W	523100005



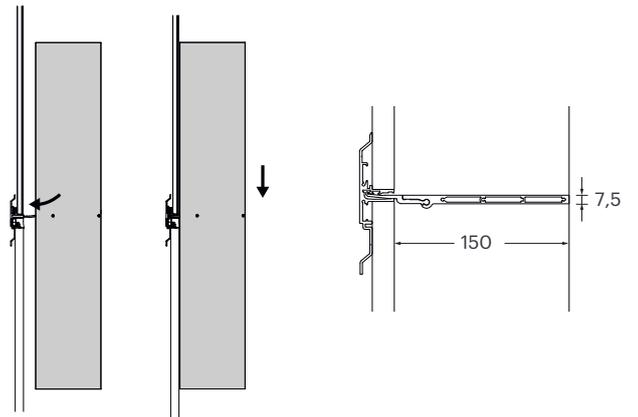
max: 1kg x 100mm

Hi Line - Storage modules

03 Black



- Repositionable horizontal or vertical modules made of black scratch-resistant brushed aluminium
- Snap-fit installation on paneling real profile (6)
- Available in open version
- Fixed depth 150mm
- Maximum load: 1Kg every 100mm

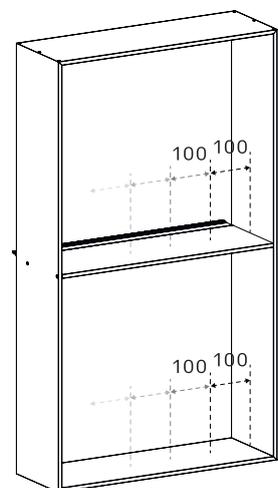


VERTICAL MODULES

A	450 x 150 x h 800mm	2 x compartments	910700255
B	450 x 150 x h 1200mm	3 x compartments	910700256

HORIZONTAL MODULES

C	600 x 150 x h 450mm	2 x compartments	910700257
	900 x 150 x h 450mm	2 x compartments	910700258

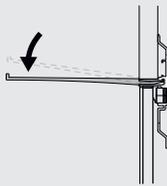


max: 1kg x 100mm

Hi Line - Aluminium accessories

03 Black

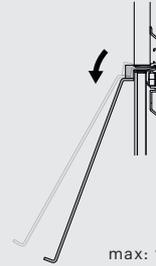
(mm)



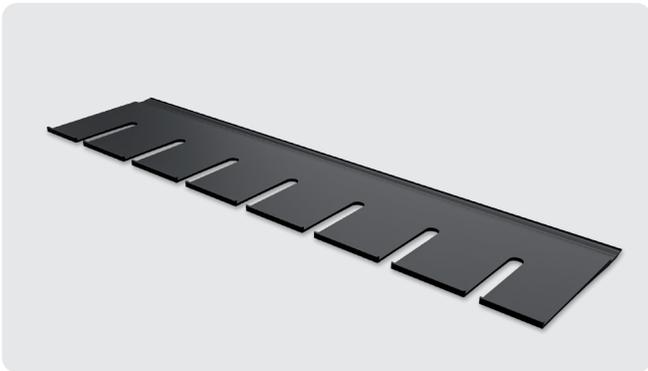
max: 1,5kg



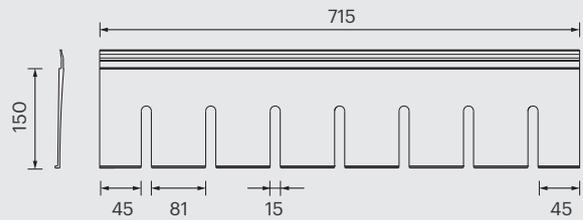
max: 1kg



max: 1kg



(mm)



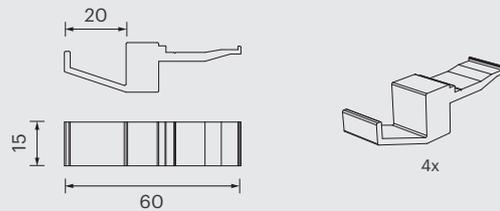
GLASS HOLDER 715mm

715 x 150mm - Front edge: 7mm

598900093



(mm)



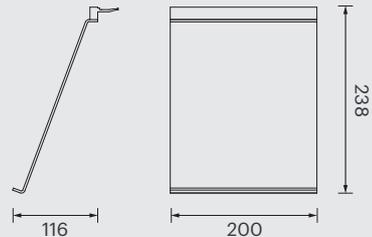
HOOK SET

4 x Hooks

598900094



(mm)



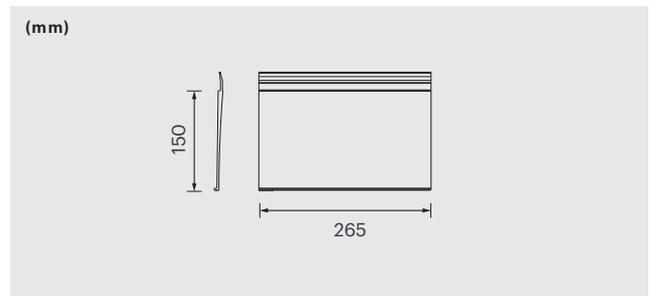
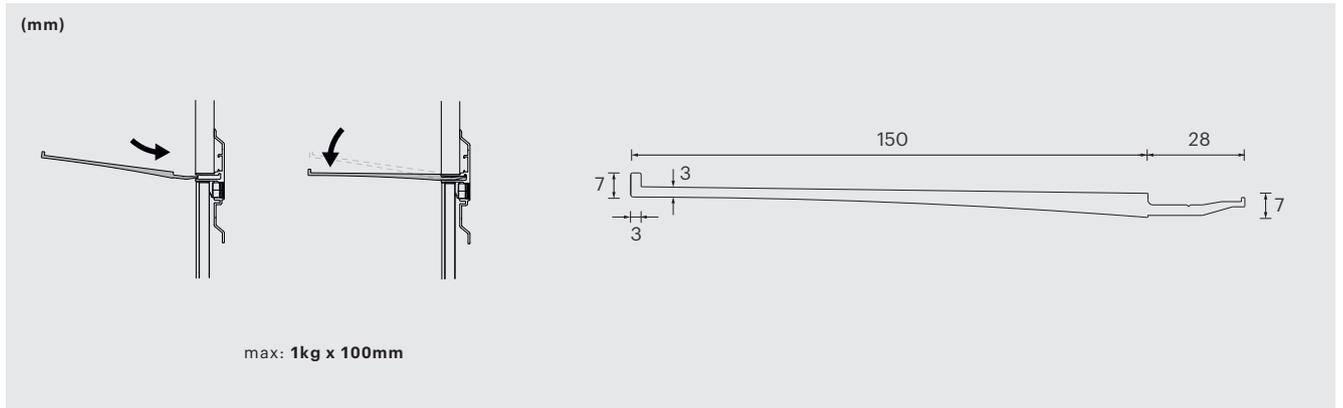
TABLET HOLDER

200 x 116 x 238mm

598900095

Hi Line - Aluminium shelves

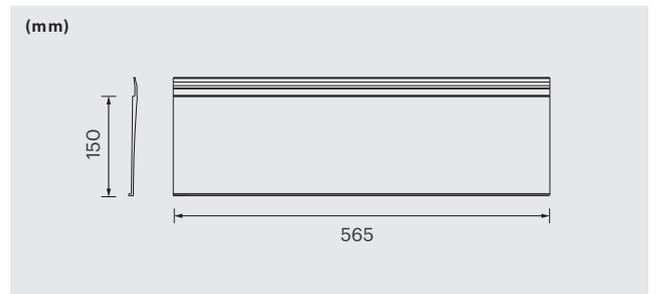
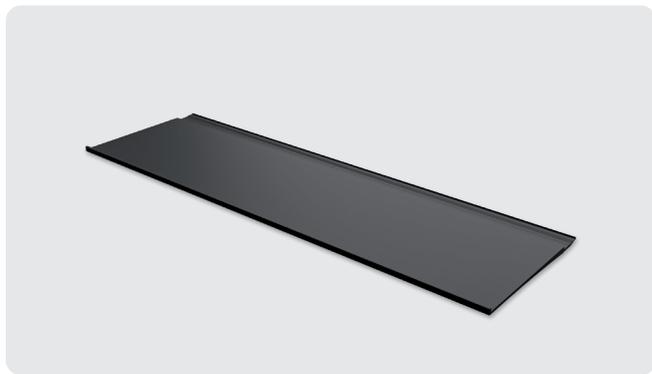
03 Black



SHELF 265mm

265 x 150mm - Front edge: 7mm

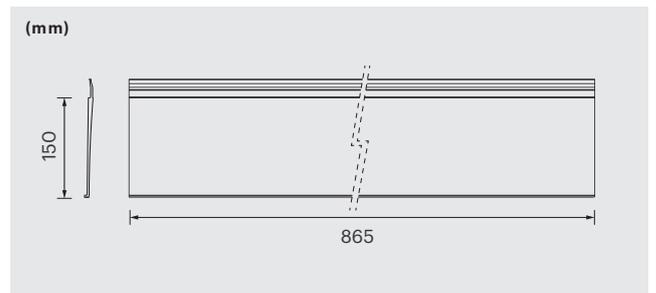
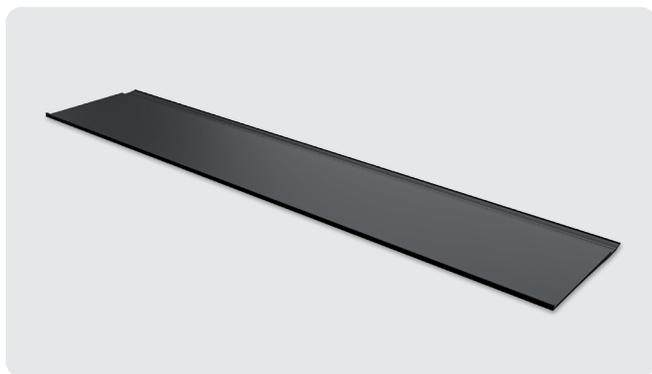
598900096



SHELF 565mm

565 x 150mm - Front edge: 7mm

598900097

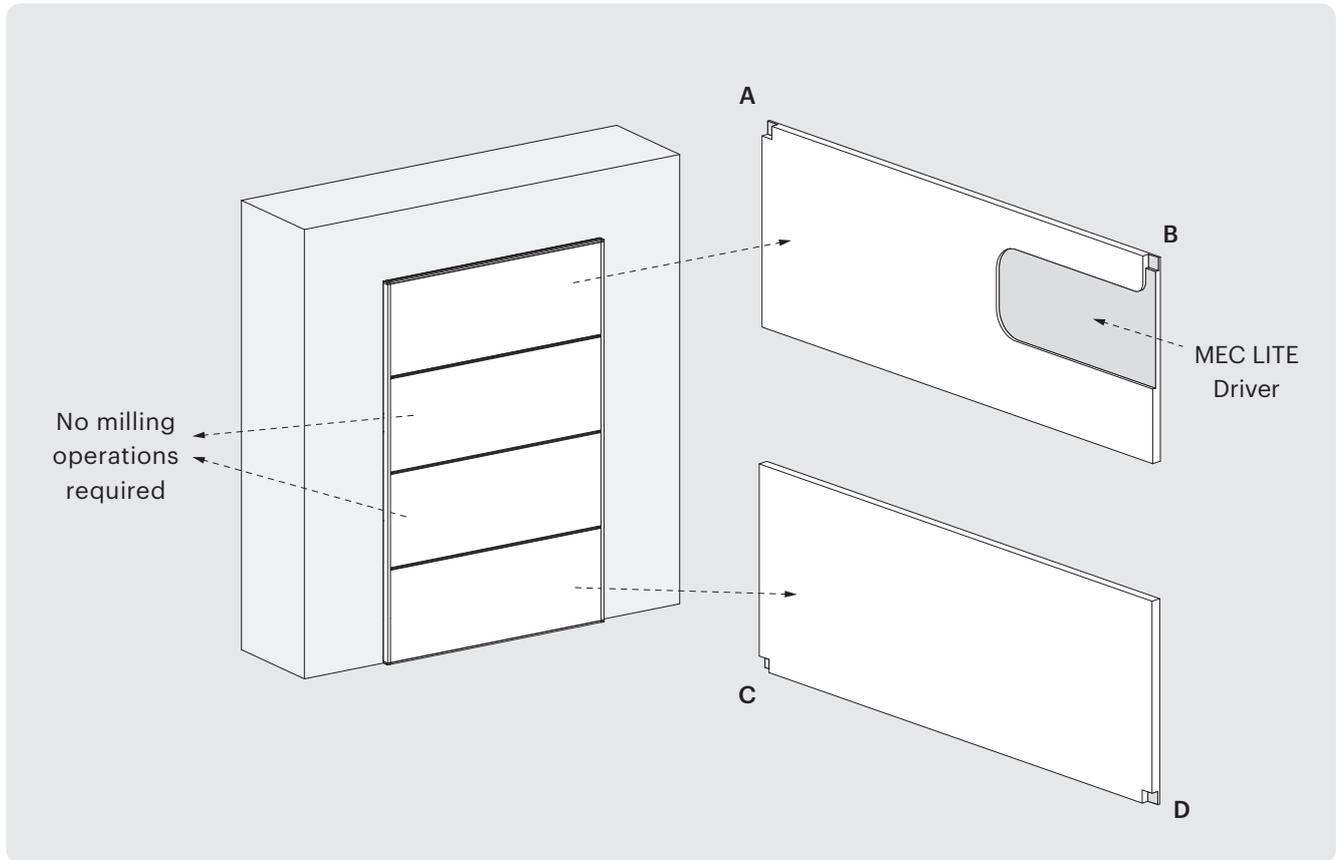


SHELF 865mm

865 x 150mm - Front edge: 7mm

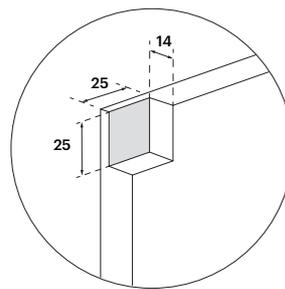
598900098

Hi Line - Back panel milling

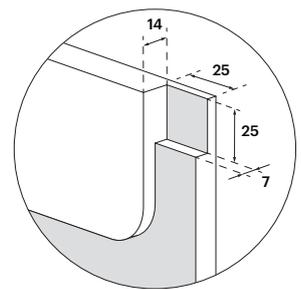


THICKNESS 19mm

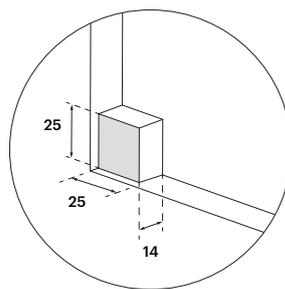
The rear of the paneling back panels (by the furniture maker) may require specific milling to house connection systems, wiring and Drivers. The recess for housing the Driver (minimum depth 7mm) is sized based on the overall dimension of the Driver used, including any possible control modules. Different configurations of the Hi Line system (e.g. integrated wallwasher light) may require the installation of n°2 Drivers



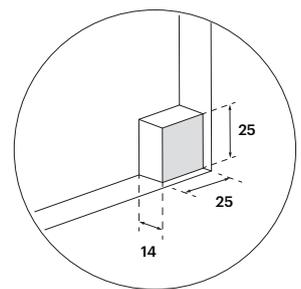
DET. A



DET. B



DET. C

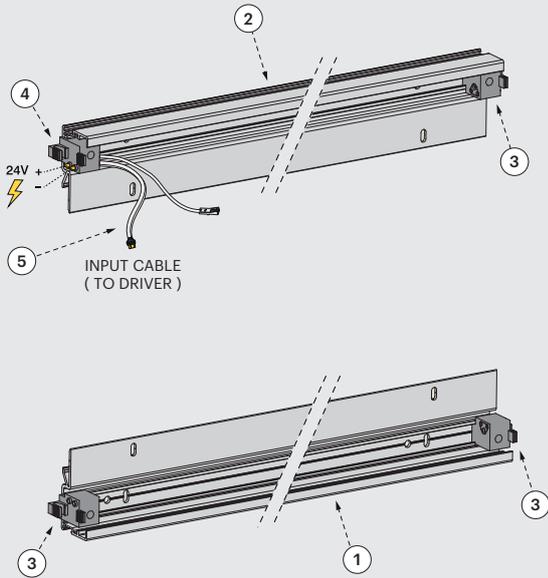


DET. D

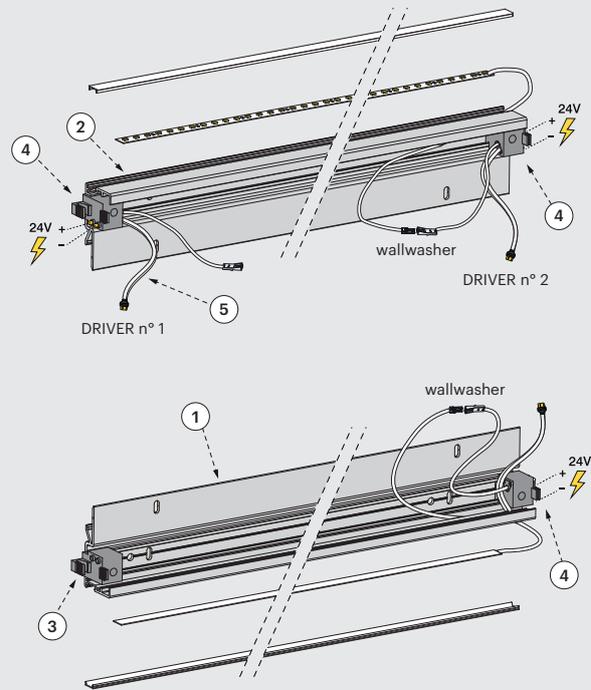


Hi Line - LED Driver connection

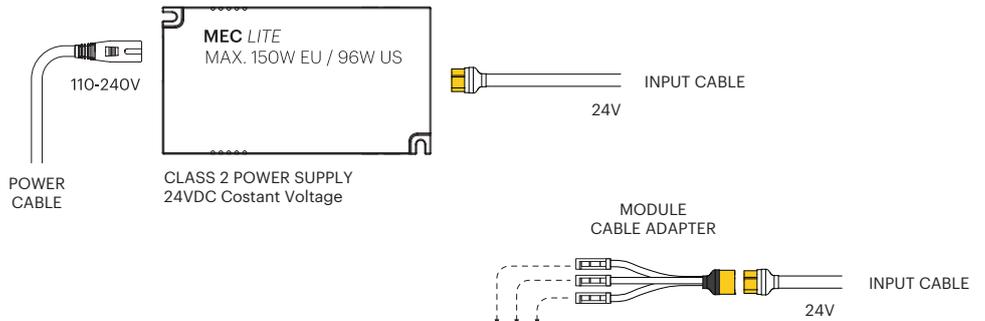
Single Driver connection



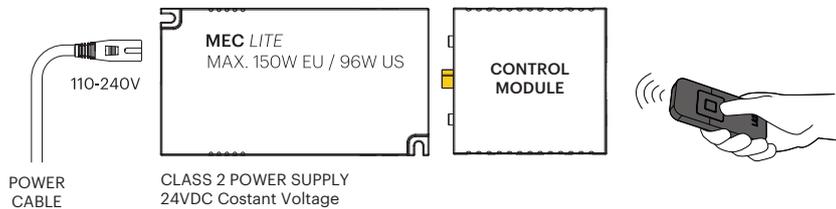
Double Driver Connection (e.g. Wall Washer)



POWER SUPPLY ONLY

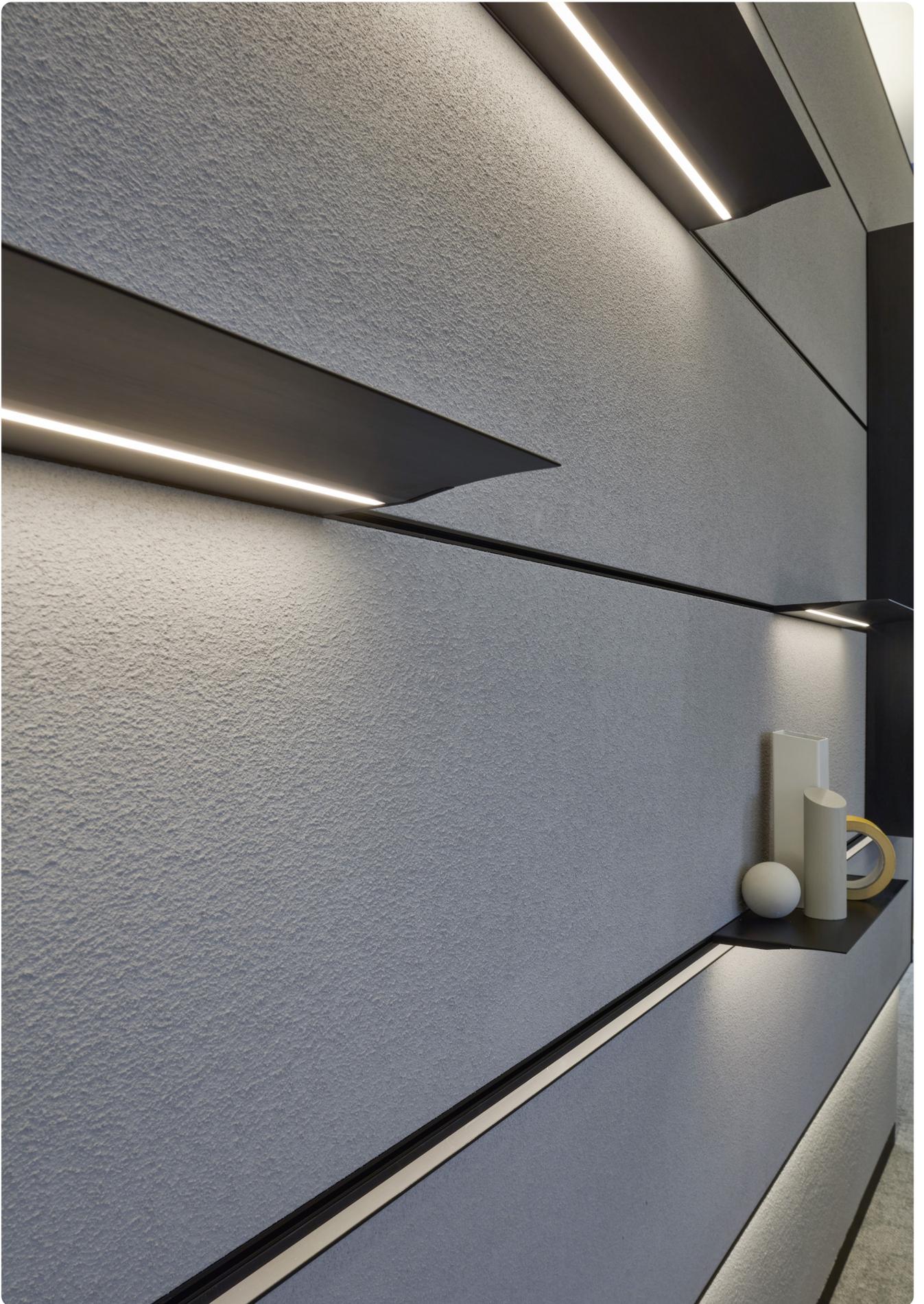


REMOTE CONTROL



NOTE: Driver, power cable 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



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.

L&S ITALIA SPA

SUBSIDIARES

ITALY

Headquarters

Via L. Zanussi, 8
Maron di Brugnera (PN)
+39 0434 616611
info@ls-light.com

Varese

Via Pacinotti, 64
Varese (VA)
+39 0332 491247

Tavullia

Via del Lavoro, 4
Tavullia (PU)
+39 0721 901123

GERMANY

L&S Deutschland GmbH

Daimlerring, 34
Rödinghausen
+49 5223 8790-0
info@ls-light.de

CHINA

LS Lighting

(Shanghai) Co., Ltd.
No. 255, LongPan Rd.,
Malu Town,
Jiading District, Shanghai
+86 021 6915 3825
info.china@ls-light.com

USA

L&S Lighting Corporation

1505 Pavilion Place, Suite A
Norcross, Georgia
+1 877 877 0757
info.us@ls-light.com

LIGHT&SPACE

ls-light.com