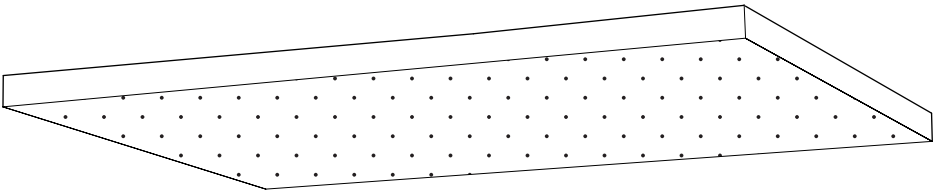


.ZERO40

USER MANUAL

Remote power supply

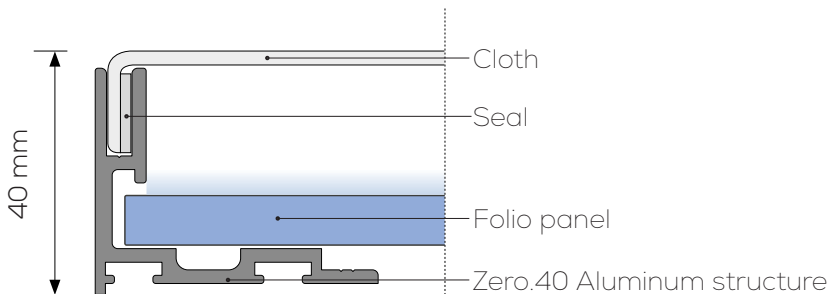
ceiling / wall



.ZERO

Index

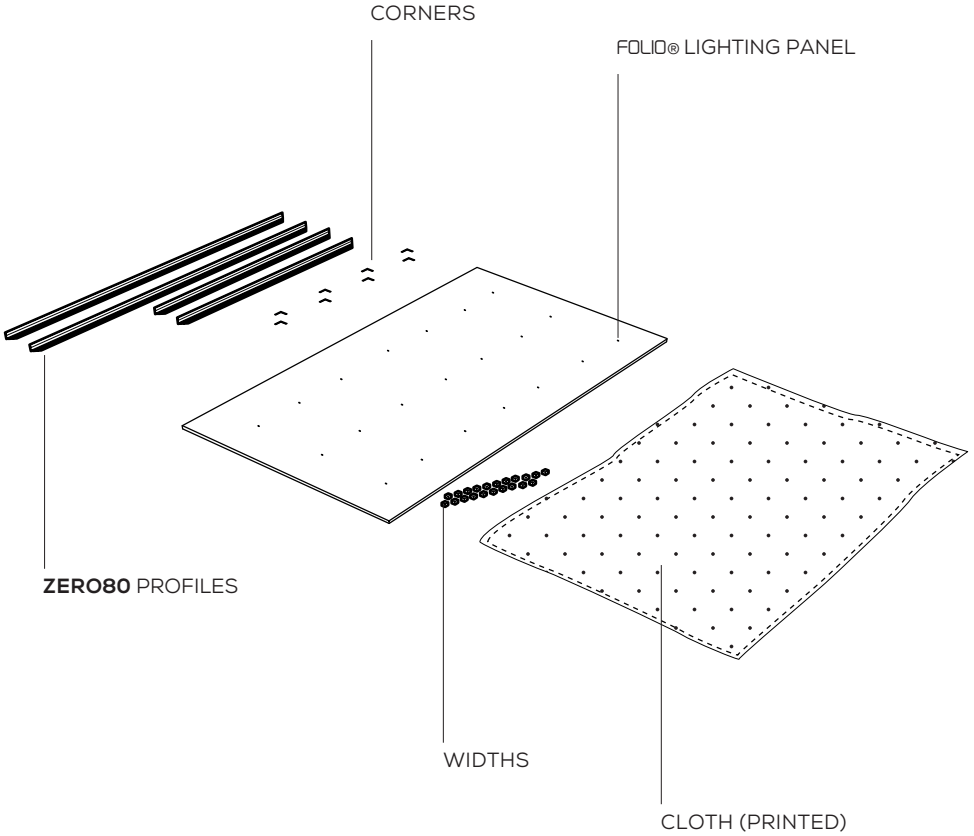
- 05 Components
- 06 Composition of **ZERO** frame
- 08 Installation of **ZERO** frame
 - 11 FOLIO® panel installation
 - 12 Electrical connection
 - 13 FOLIO® panel fixing
- 15 Cloth positioning
- 17 Power supplies
- 18 **WARNING**
- 19 Handling
- 20 Cleaning
- 21 Damaged appliances
- 22 Dismantlement



.COMPONENTS

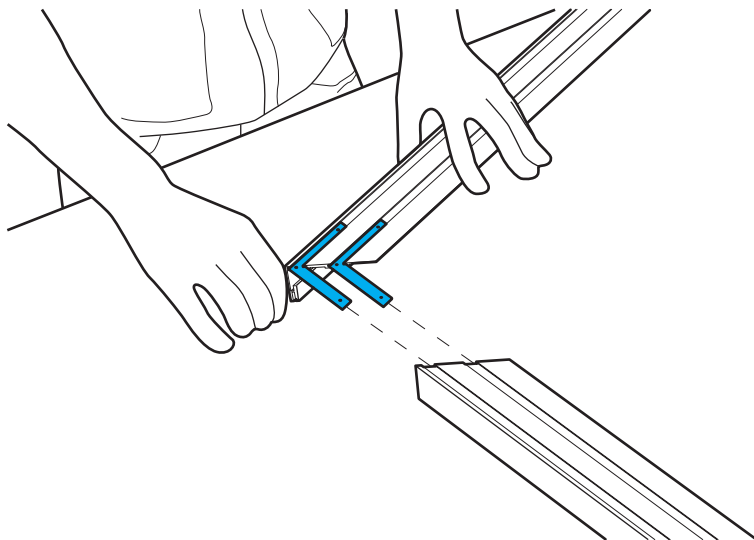
Inside the packing crate you will find:

- FOLIO® LIGHTING PANEL
- **ZERO** PROFILES
- CORNERS
- WIDTHS
- CLOTH (with or without print)

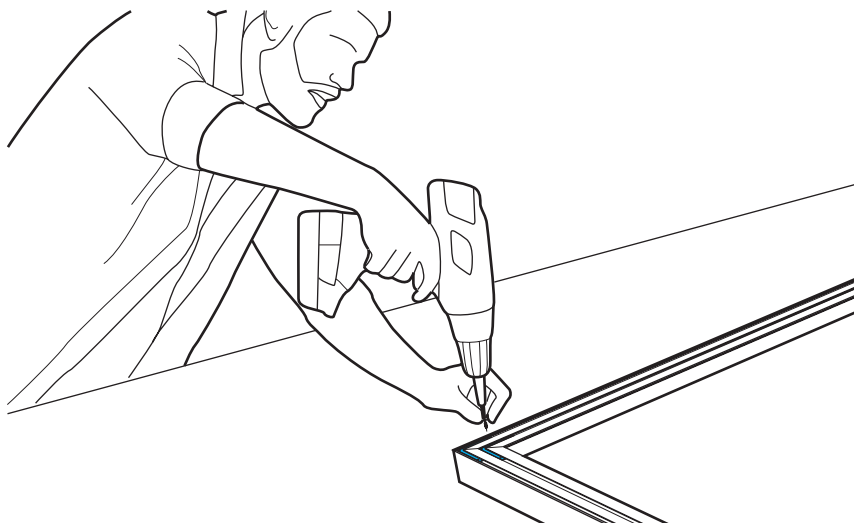


.COMPOSITION OF ZERO FRAME

- 1 Positon the profiles at 45° and connect the angles, screwing the corners.

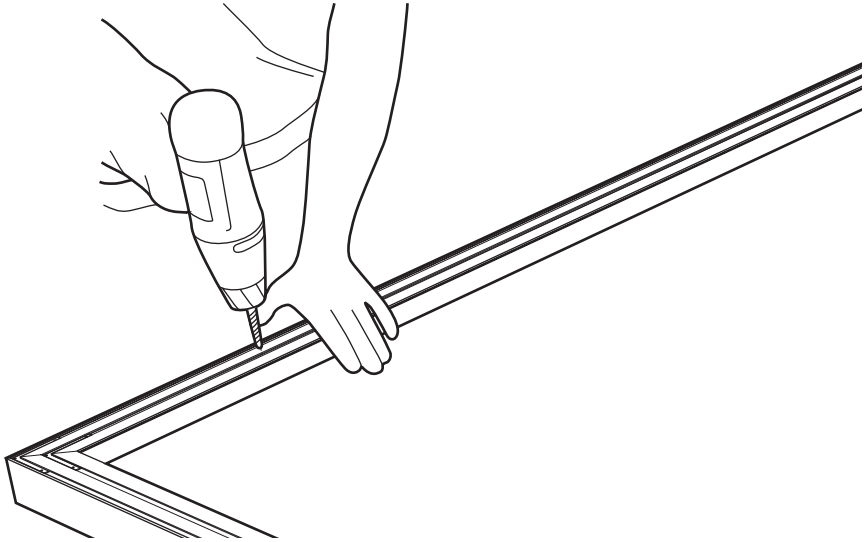


- 2 Tighten the grains in all four corners until creating the frame **ZERO**.

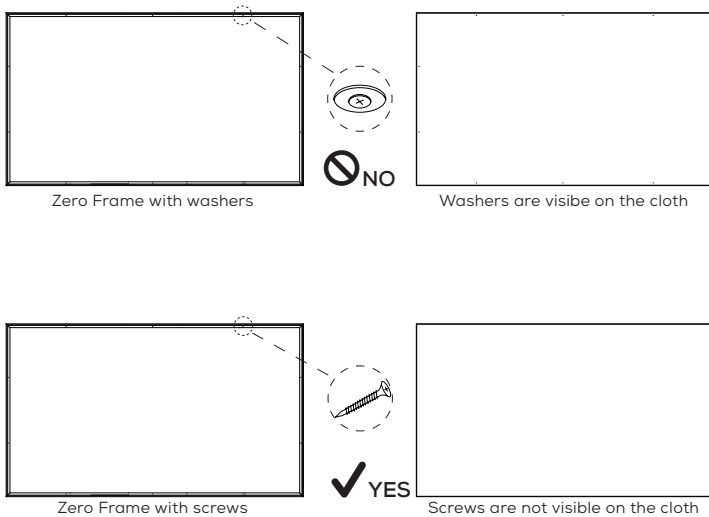


.COMPOSITION OF ZERO FRAME

- 3** Pierce the profile ZERO channel for the next wall fixing.

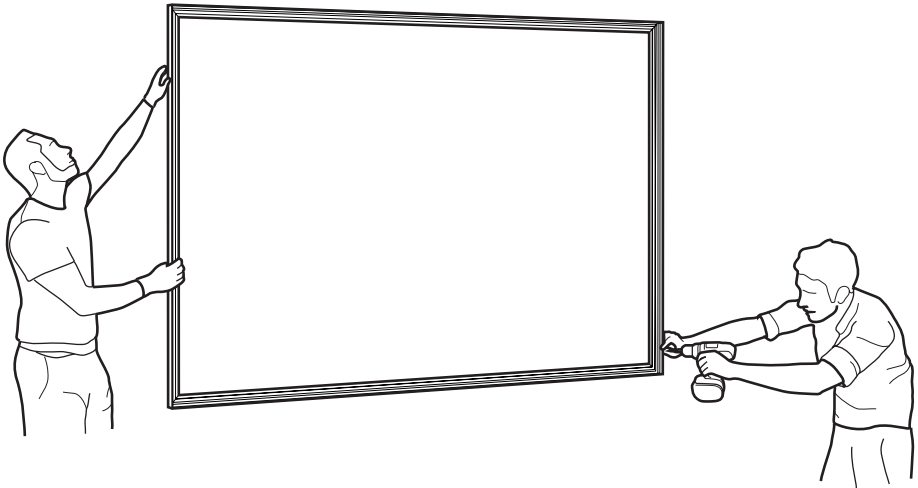


For the installation of the FRAME, use only 6/8 mm diameters screws. **DON'T** use different fixing systems, like washers, because could be visible once finished the installation.

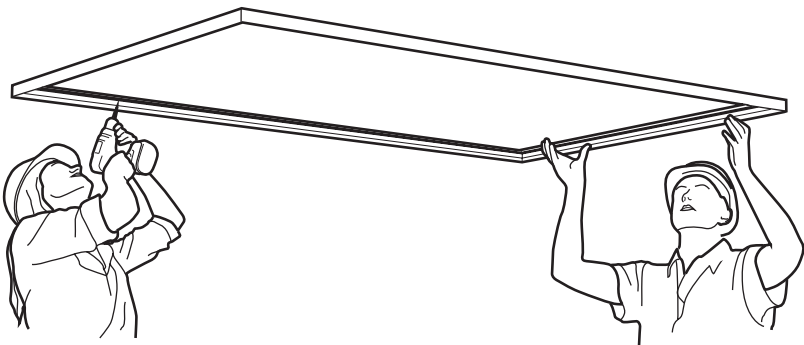


.INSTALLATION OF ZERO FRAME

- 4 Fix the frame on the wall with the appropriated screws (screws are not given by us).

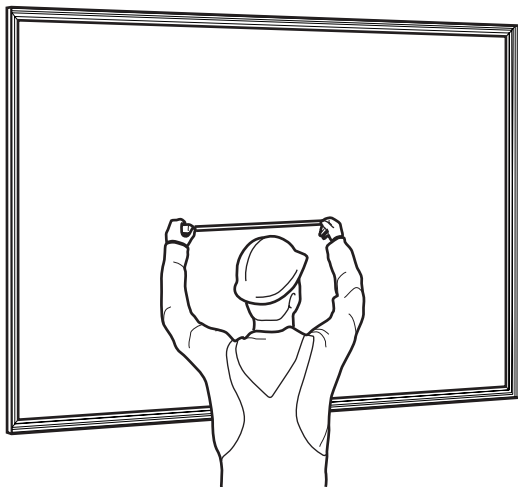


Ceiling fixing follows the same procedure.

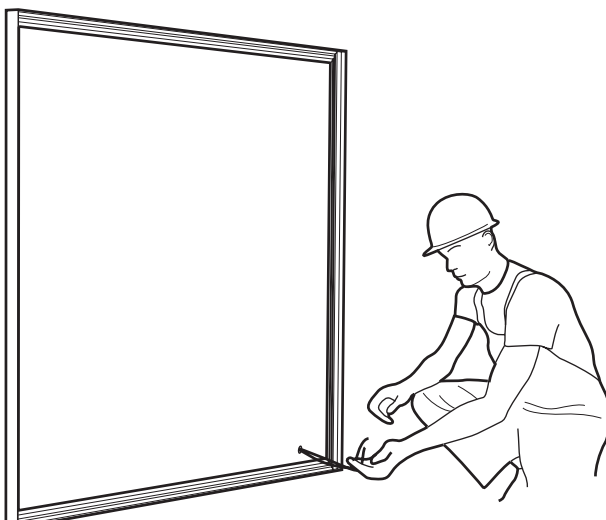


.INSTALLATION OF ZERO FRAME

- 5 After fixing the ZERO frame, verify if it is symmetrical and squared.

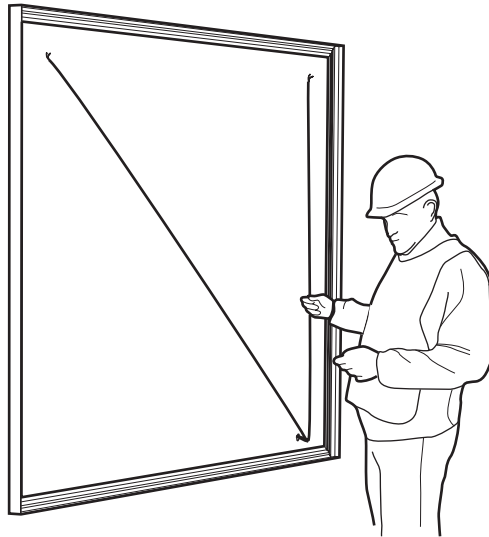


- 6 Pass the 24V 6 electric cable (previously installed by you) into the **ZERO** frame.

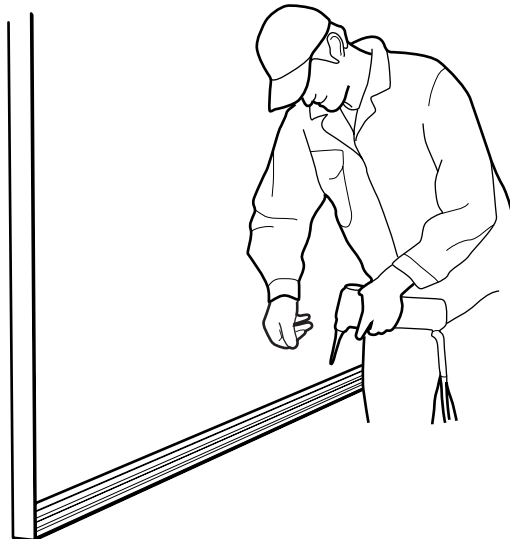


.INSTALLATION OF ZERO FRAME

- 7 Extend the extension of electric cables by fixing them according to the cables output of the **FOLIO** lighting panel(s)

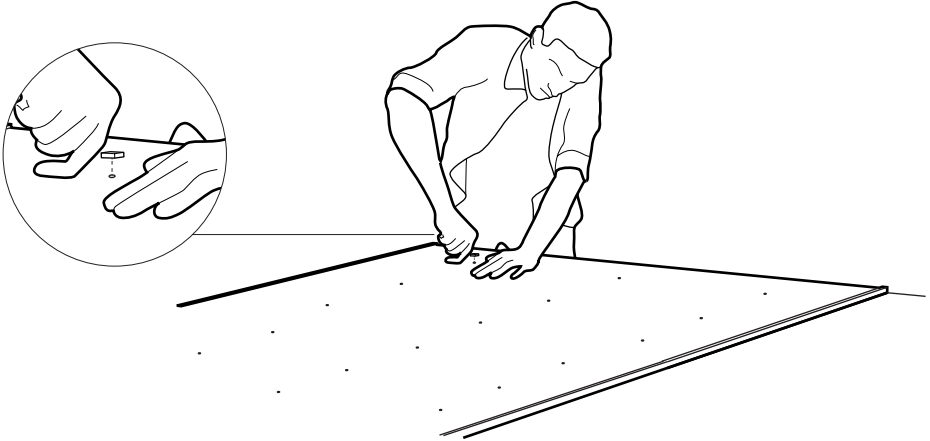


- 8 Clean the residual particle inside the duct of **ZERO** profile.

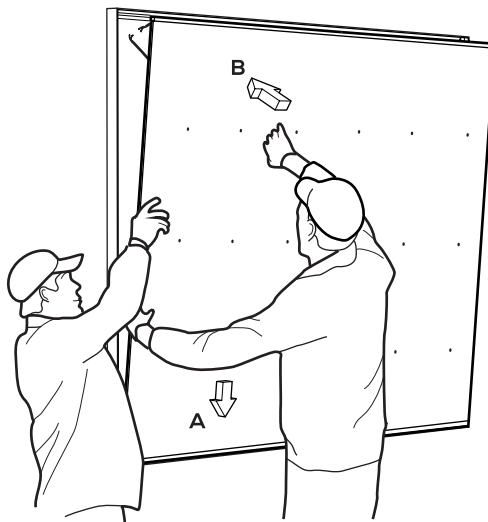


.FOLIO PANEL INSTALLATION

- 9 Apply the appropriated widths behind the lighting **FOLIO** panel(s), corresponding the holes. Widths supplied by us and already equipped with double-sided adhesive for panel application.

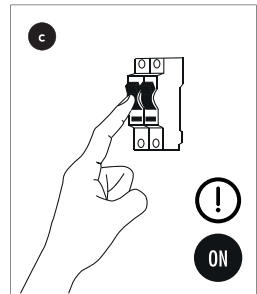
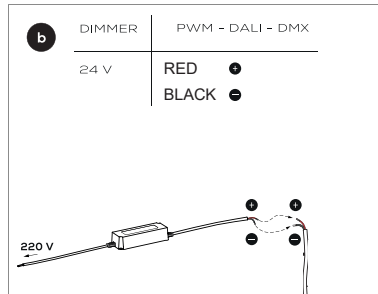
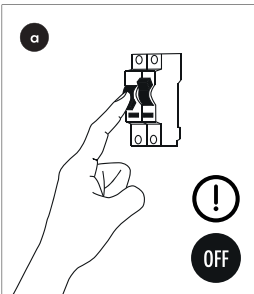
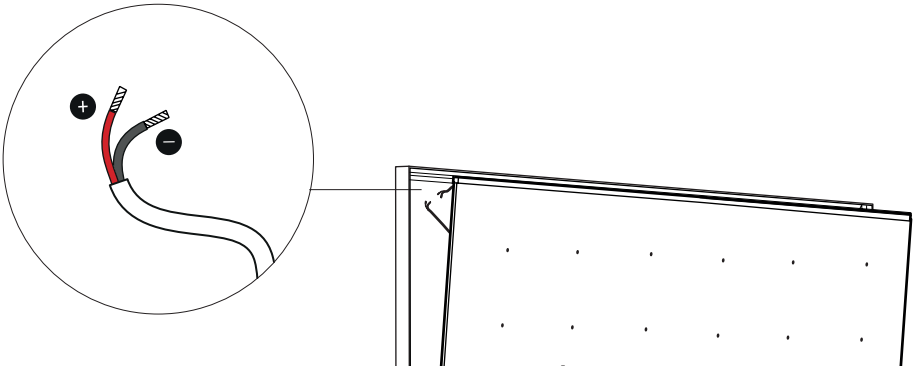


- 10 Position the **FOLIO** panel(s) inside the **ZERO** frame, inserting from the bottom. Pay attention to not crush the cables and to not flex the panel during the handling and the insertion inside the **ZERO** frame.



.ELECTRICAL CONNECTION

- 11** Before fixing the panel, connect the power supply cable to the panel cable in a suitable and consonant manner.



Make sure to disconnect the power supply, connect the cable of the LED to the driver as shown in step b. Connecting the red cable of the + LED with the red cable + of the driver and the black cable - of the LED to the black cable - of the driver. Subsequently connect the driver to the electrical system with the 110 V cable and power the system.



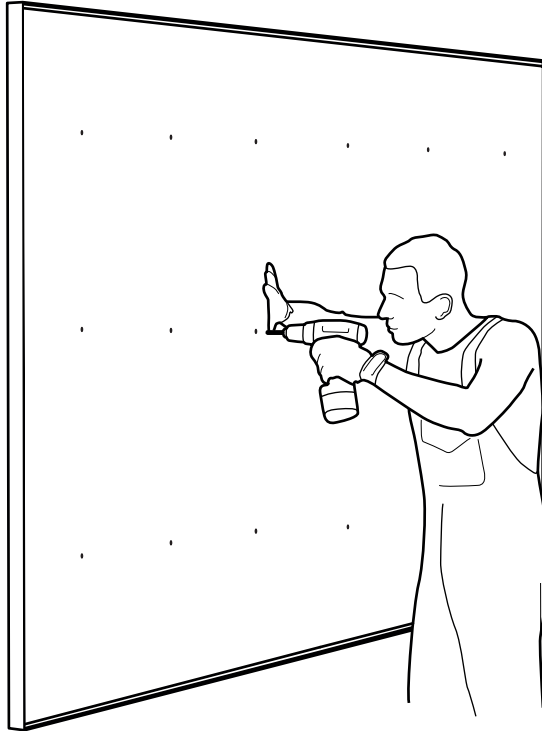
Use class II transformers with adequate absorption with regards to the consumption of the FOLIO® panel, with an exit current of 24V and with SELV exits EN 61347-2-13 compliant. It is recommended to connect maximum 4/5 Folio panels to one driver.

DIMMING

Dimmable:
PWM - DALI - DMX

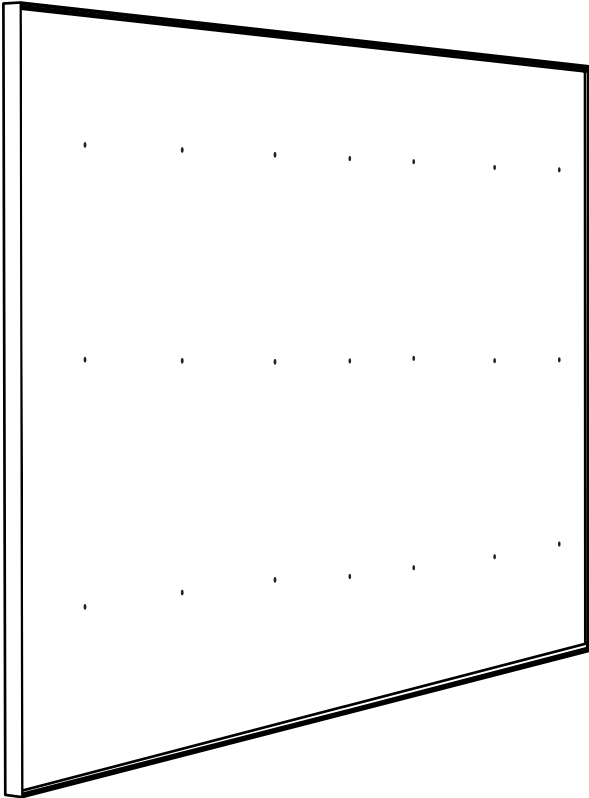
.FOLIO PANEL FIXING

- 12** Place the width at the point where the panels will be joined and fix the light panel with appropriated screws (screws not supplied). **Be careful not to over tighten the screws.**



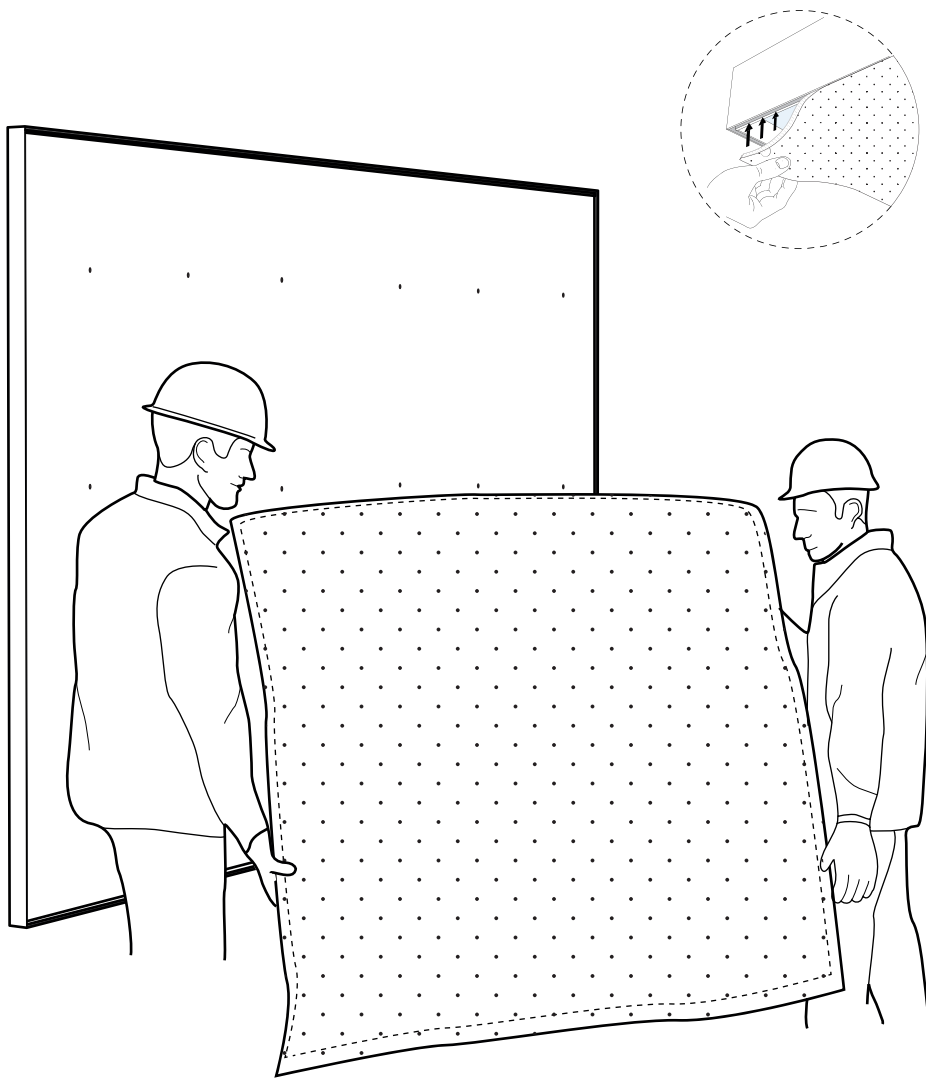
.FOLIO PANEL FIXING

13 Proceed with the installation of the remaining panel(s) in the same way.



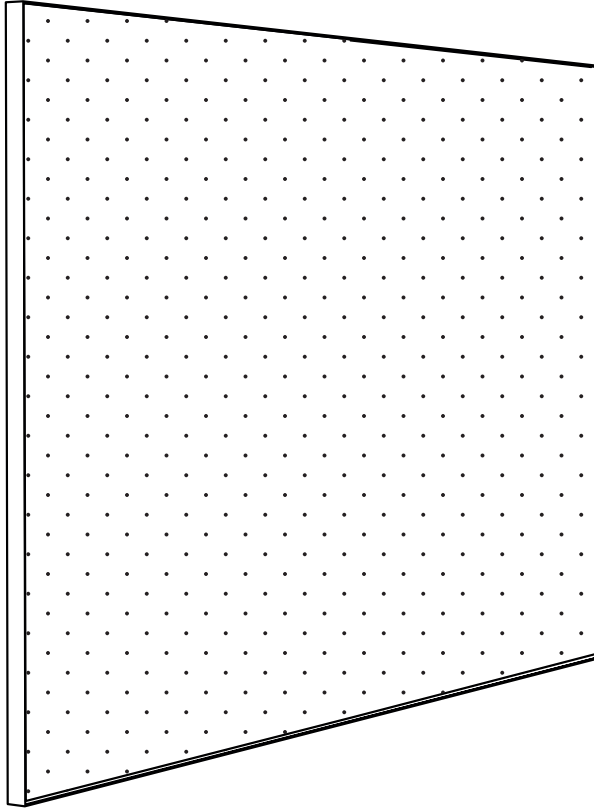
.CLOTH POSITIONING

- 14 Position the fabric with the eventual print to the outside.



.CLOTH POSITIONING

- 15 Insert the seal in all four sides of **ZERO** frame and tense the fabric.



.POWER SUPPLIES

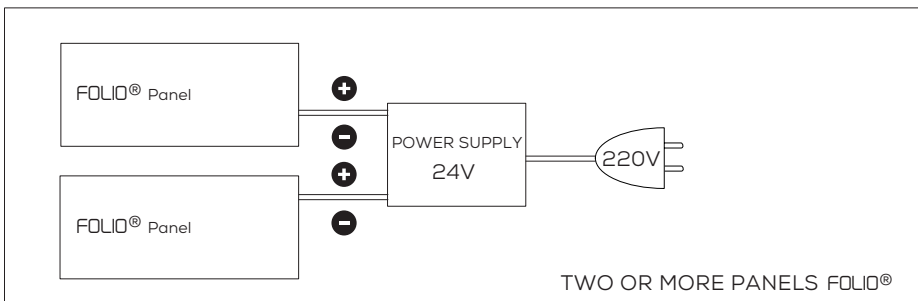
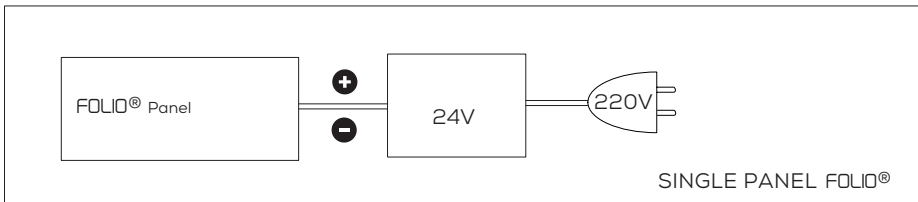
Use 24V power supplies

Use power supplies with the correct Wattage with regards to what indicated on the label positioned on the back of each FOLIO® LED panel.

Pay particular attention to the data on the label before connection the appliance to the mains.

IN CASE OF MALFUNCTION, DISCONNECT THE APPLIANCE.

Use class II drivers with adequate absorption with regards to the consumption of the FOLIO® panel, with an exit current of 24V and with SELV exits EN 61347-2-13 compliant. It is recommended to connect maximum 4/5 FOLIO® panels to one driver.

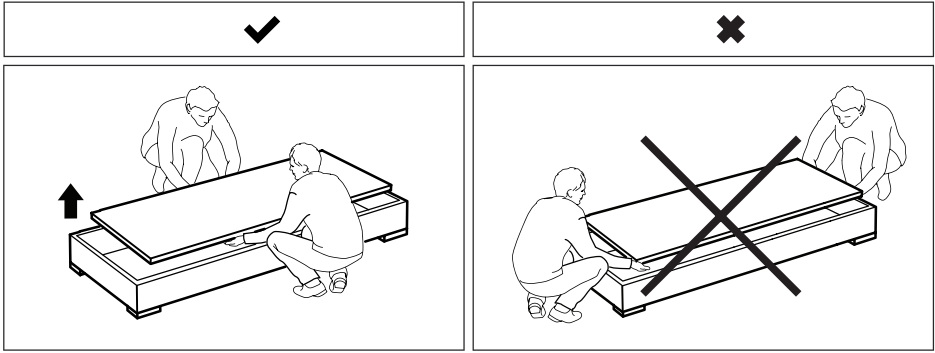


.WARNING

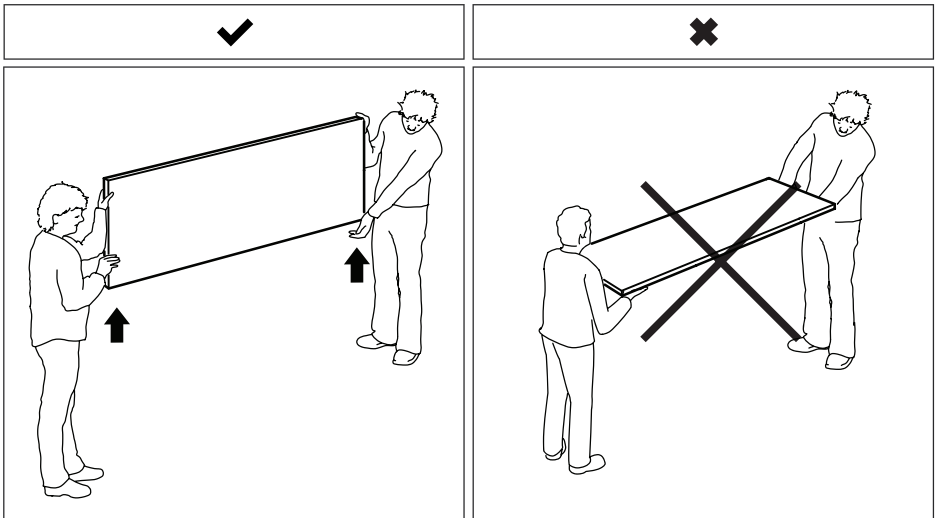
Consult the company **Cifralluminio s.r.l.** before intervening in any way on the **FOLIO®** panels. For any doubts on the functioning of the device or on its maintenance consult **Cifralluminio s.r.l.**

- Do not open or tamper with the FOLIO® panel.
- Do not flex/bend the panel.
- Do not unscrew/tamper with any screw on the panel.
- Do not spray/pour directly on the panel any kind of liquid/detergent.
- Keep in a dry place.
- Do not store at temperatures above 25°C.
- Keep away from heat sources.
- Do not expose to direct sunlight.
- Keep away from combustible substances.
- Avoid contact with vapors, fumes, dust, gas and liquids.
- Avoid accumulation of electrostatic charges.
- Avoid hitting or friction.
- For cleaning use the notes/instructions/products indicated in the manual.
- Before cleaning, the lighting fixture must be switched off.
- The FOLIO® panel must be installed in a place accessible for maintenance.
- Do not connect the FOLIO® panel directly to the mains. The FOLIO® panel must always be connected to a driver, which will be successively connected to the mains.
- Do not hit, pull or damage the electrical and panel's cables.

.HANDLING



Remove the FOLIO® folio panel from the wooden case, not from the edges but from the middle, prevent bending and curving and carry it vertically.



Carry the FOLIO® panel vertically to prevent every possibility of bending and curving. Pay attention not to pull the power cables.



Do not use suction cups for the handing or installation of the FOLIO® panel.



In addition to the images pay attention to:

- avoid hitting, pulling or damaging the electrical cables
- avoid contact of the FOLIO® panel with liquid.

CLEANING

General indications for proper care of FOLIO® products:

- To enable an efficient performance of FOLIO® panel we recommended regular cleaning.
- The parts influencing the performance of the light (such as white acrylic sheets, marbles or glass) should be cleaned following the instructions below.
- The cleaning of EXTERNAL parts and SURFACES which are part of the FOLIO® panel can be executed in accordance to the following table:

COMPONENTS	TOOLS	CLEANING SPECIFICATIONS
Aluminium or iron parts	Damp, soft, non-abrasive cloth and dry, soft non-abrasive cloth	Dampen a soft cloth using warm water with little chlorine-free liquid soap and clean the product a second time using a clean dry soft cloth.
Printed cloth	Pulire con panno morbido, non abrasivo a secco.	Deviate le possibili cariche statiche prima della pulizia. Durante la pulizia fare pochissima pressione. ATTENZIONE: non passare il panno in prossimità della striscia LED illuminante
Un-printed cloth	Pulire con panno morbido, non abrasivo, leggermente umido	Deviate le possibili cariche statiche prima della pulizia. Durante la pulizia fare pochissima pressione. ATTENZIONE: utilizzare detergenti compatibili con vetri, marmi ed onici

NOTICE: DO NOT SPRAY OR POUR DIRECTLY ON THE PANEL ANY TYPE OF CLEANING AGENT BUT DISTRIBUTE THE CLEANING AGENTS (LIQUID OR SOLID) ON A SOFT AND NON-ABRASIVE CLOTH. IT IS POSSIBLE TO CLEAN THE PANEL BY USING JUST A DRY, SOFT AND NON-ABRASIVE CLOTH.

Should any doubt concerning the cleaning of the FOLIO® panel arise, please contact us by email at the following address: info@foliopanel.it

SAFETY NOTICE

- Before cleaning, the lighting fixture must be switched off.
- All the electrical connections must be disconnected.

.DAMAGED APPLIANCES

Do not install or connect these appliances if one or more parts appear damaged. Non-compliance with these instructions may cause injuries or damage the appliances and other goods.

Installation of this appliance must be entrusted exclusively to qualified personnel that is fully aware of all relevant instructions.

Before working on the appliance, disconnect the power supply from the mains.

Before proceeding with visual inspections, trials or maintenance operations on this appliance, disconnect all current and voltage sources.

Proper functioning of this appliance depends on the correct operations of handling, installation and use.

Non-compliance with the fundamental installation requirements can cause injuries to people and damage electrical appliances and other goods.

Verify that the supply voltage is compatible with the voltage and current necessary for the regular functioning of the appliance you are about to install: the primary factor to consider is the data on the FOLIO® LED panels' label.

.DISMANTLEMENT

Dismantlement of the appliance must be commissioned to qualified internal or external personnel. Dismantlement operations must be carried out in accordance with current regulations, considering that some of the materials used are not recyclable and some others may be harmful.

In accordance with Italian LEGISLATIVE DECREE 14 March 2014, no. 49 (in the field of electric and electronic appliances) we inform you that the appliance this instruction manual refers to cannot be disposed of as urban waste but must be destined to waste sorting facilities.

The symbol:



pon the data label indicates the product must be recycled once dismantled. Non-compliance with the law will be heavily sanctioned with fines.