

EPS'

FILED®
· · · · ·
the flat "LED fill-light"

catalogue

EPS

Loc. Palazzina, 85
37012 Bussolengo (VR)
tecnico@eps.vr.it
commerciale@eps.vr.it
www.eps.vr.it

| | | |
|----------|---|---------|
| 1 | FILED® the flat “LED fill-light” | pag. 5 |
| | Light type | pag. 6 |
| | Dimensions | pag. 8 |
| | Mode | pag. 9 |
| | FILED® System - BASE to integrate | pag. 10 |
| | FILED® System - WALL/CEILING | pag. 11 |
| | FILED® System - SUSPENSION | pag. 12 |
| | FILED® System - BUILT-IN PLASTERBOARD | pag. 13 |
| | FILED® System - BUILT-IN MASONRY | pag. 14 |
| 2 | MANAGEMENT SYSTEM | pag. 15 |
| | Overview of management system | pag. 16 |
| | Control by TouchDim button | pag. 17 |
| | Control by infra-red remote control | pag. 18 |
| | Control by TouchPanel RGB | pag. 19 |
| | Control by WALLPANEL System | pag. 20 |
| 3 | EXAMPLE OF APPLICATIONS | pag. 21 |
| | Several applications | pag. 22 |
| | Exhibiting case | pag. 34 |



FILLED[®]

• • • • •

the flat "LED fill-light"

FILLED is an innovative **customizable** ultra-thin lighting system featuring a wide flat surface uniformly illuminated realized in optically modified plastic.

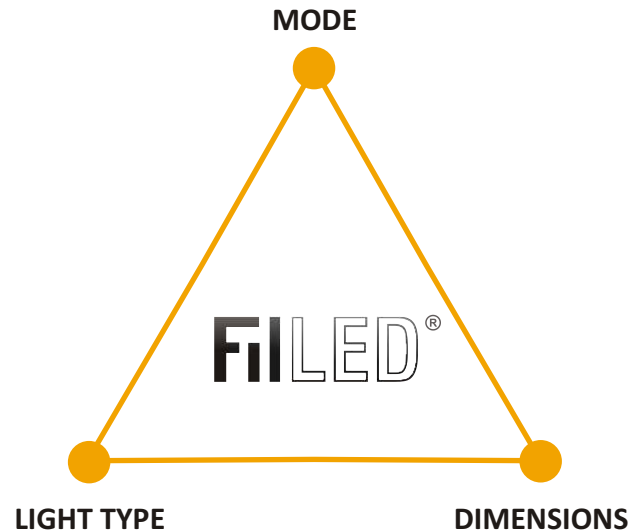
Thanks to **24V DC LED** light sources properly positioned on part of the perimeter and to the particular processing of the material, the device is always homogeneously illuminated despite the extremely reduced thickness:
only 14mm.

The light output of the **FILLED** system is direct and "softly" widespread in the environment.

DESIGN FREEDOM

FILLED is designed in order to be extremely flexible in particular as regards **size, colour, light intensity** and **mode of use**, maintaining the large backlighted surface which characterizes the system.

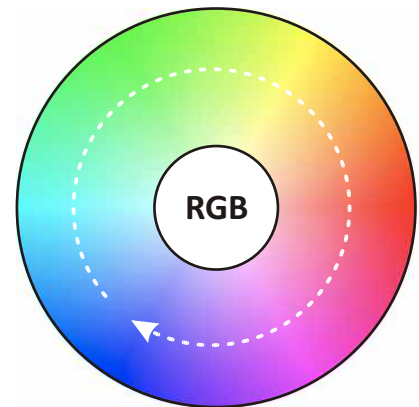
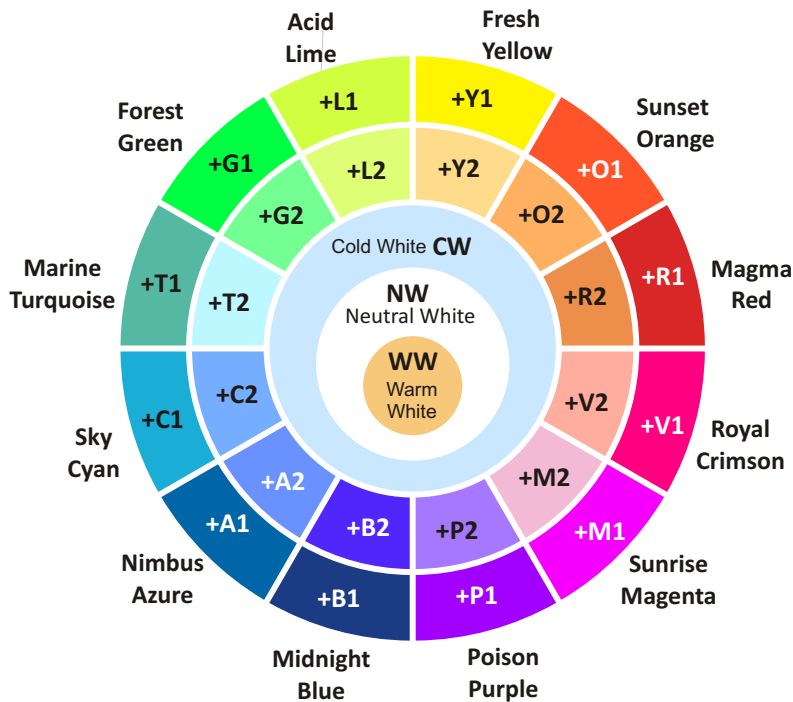
FILLED therefore adapts to the needs of the designer of both new projects and on existing buildings.

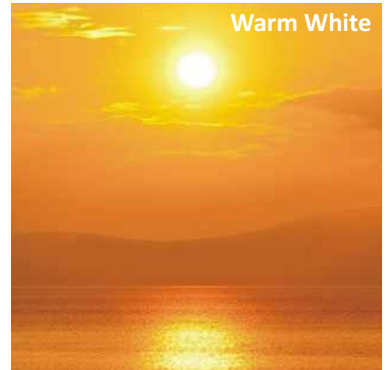
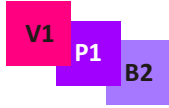


The **FILED** system offers an extremely complete range of white and coloured light, carefully selected and sorted within a coordinated system of reference.

This feature makes **FILED** a powerful tool for design expression.

It is possible to choose between **3 kinds of high intensity white light**: warm 3'100K , neutral 4'100K, cold 10'000K, within a coherent system of **24 kinds of coloured light**. Alternatively is possible choose the more flexible version **mixed light RGB** adjustable through appropriate control systems.





the wide range of FILLED® bright shades unleashes creativity allowing you to create evocative colour combinations of natural environments.

DIMENSIONS

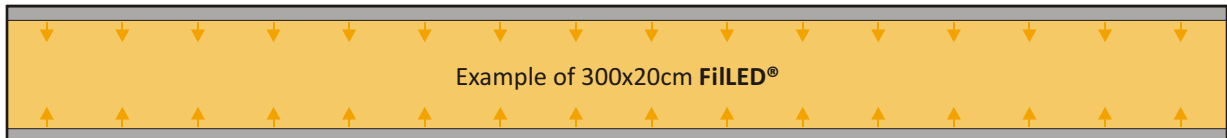
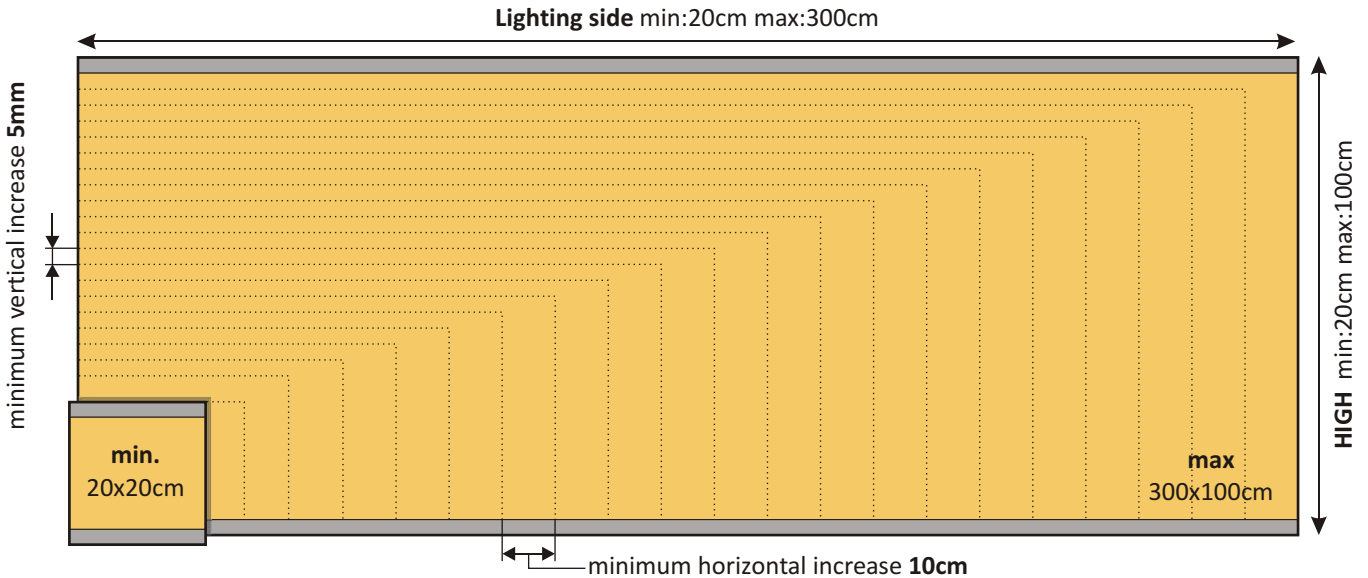
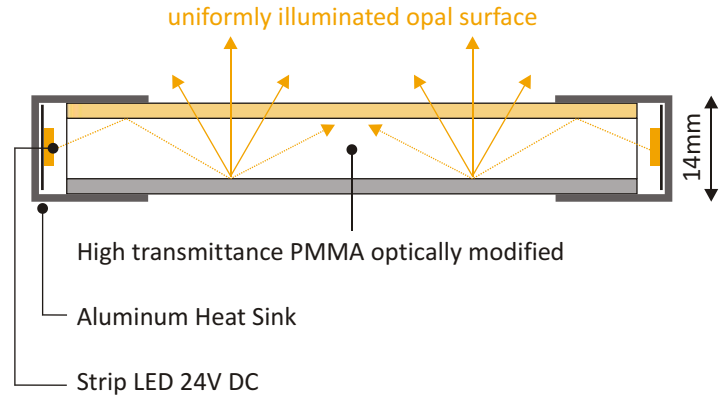
The homogeneity of the light, characteristic of FILED, is obtained by the coupling of two illuminating bands formed by LED strips mounted on aluminum heat sinks and a special PMMA optical device.

The LED's are positioned on the long sides of the panel.

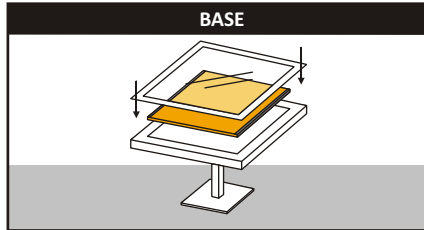
The uniformity of the light of the opal surface is guaranteed for any FILED's size within the following limits:

MINIMUM SIZE: 20x20cm

MAXIMUM SIZE: 300x100cm



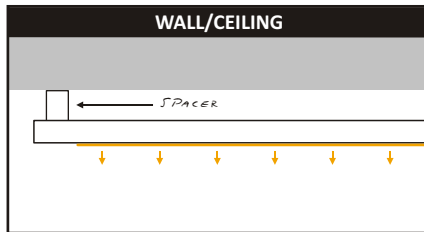
LOWER COST



FILED BASE to integrate

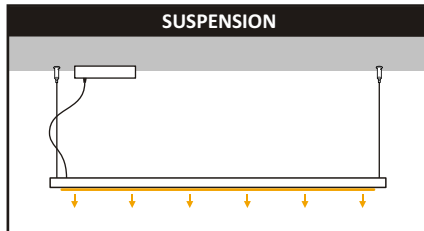
is the most simple and cheap version.

In this business to business mode the FILED® panel must be integrated in prepared structure



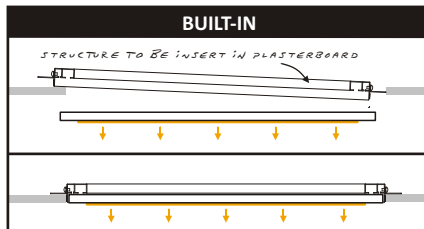
FILED WALL / CEILING

is the cheapest ready to use version, it can be easily installed on the wall/ceiling as a traditional lighting device



FILED SUSPENSION

complete version with all accessories for the immediate hunged up installation



FILED BUILT-IN for PLASTERBOARD/MASONRY

is the most innovative version, ideal for architectural applications; this makes the product an integral part of the environment in which it is inserted

COMPLETE

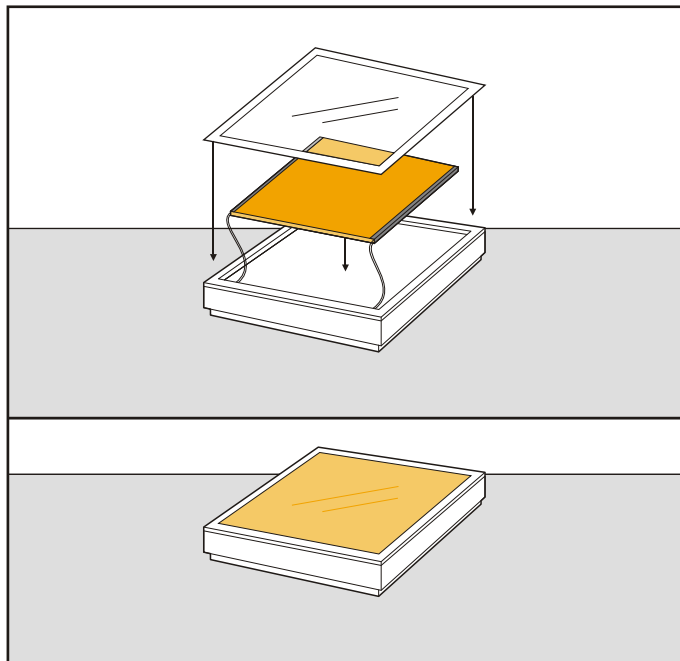
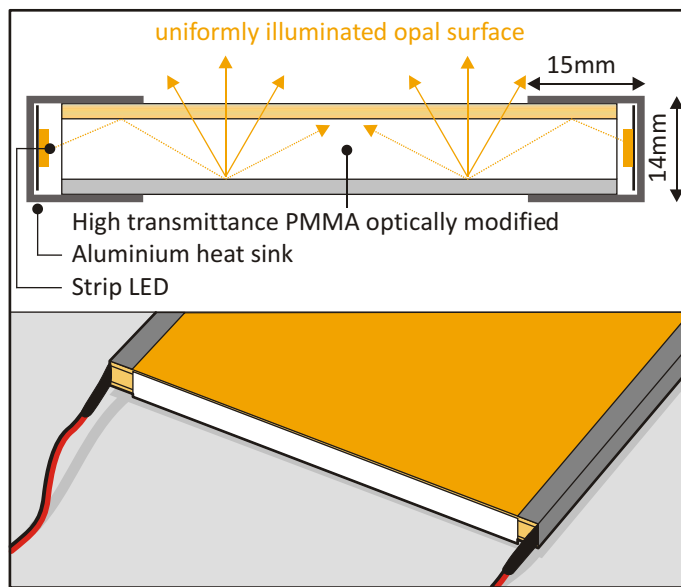
FILED® SYSTEM - BASE to integrate

FILED®

The “BASE” version, characterized by an extremely reduced thickness, distinguishes itself by the maximum versatility of use and the minimization of costs.

These features coupled with the ability to create ad-hoc measures makes this method particularly suitable for installation into furnishing items, displays and temperature controlled counters.

The BASE mode must be integrated into structures arranged for its placing.



EXAMPLE OF USE

FILED® BASE panel integrated in a table

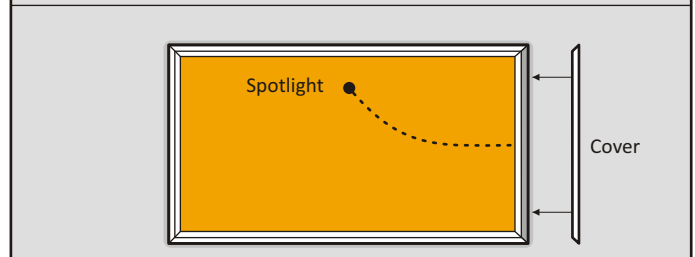
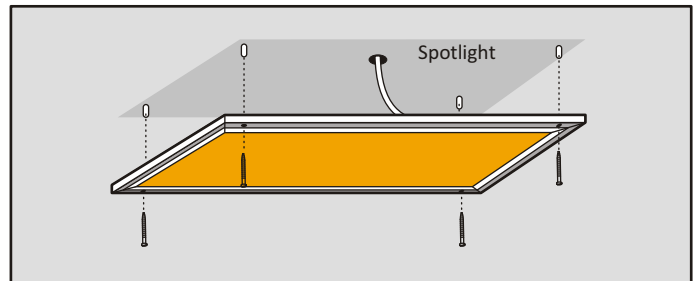
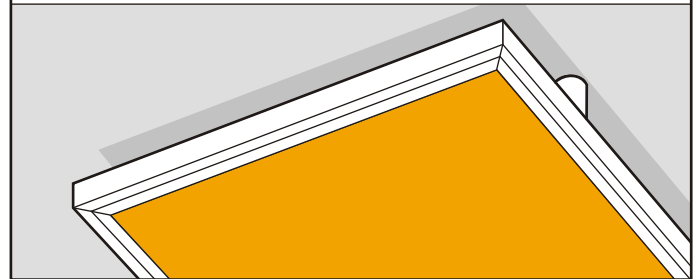
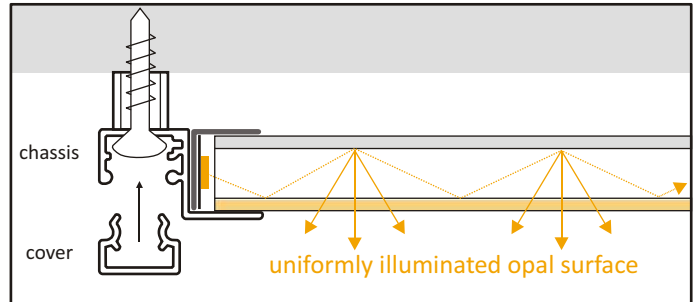
The WALL / CEILING version makes the product ready-to-use and immediately installable on the wall or ceiling like a traditional device.

In this mode the perimeter of the panel is fully embedded in a white painted aluminum frame.


With the product are provided two different types of spacers:


- "Short" to create a minimum of space (15 mm) between the wall / ceiling and equipment, enough to route the cables behind the panel.

- "Long" to create a larger space (40 mm) that allows you to hide the power supply on the back.



SPACERS:

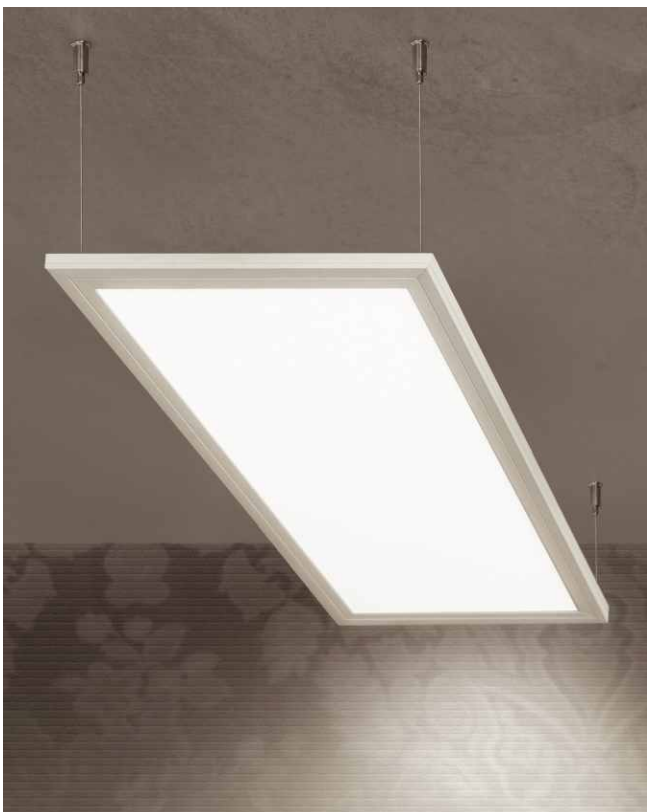
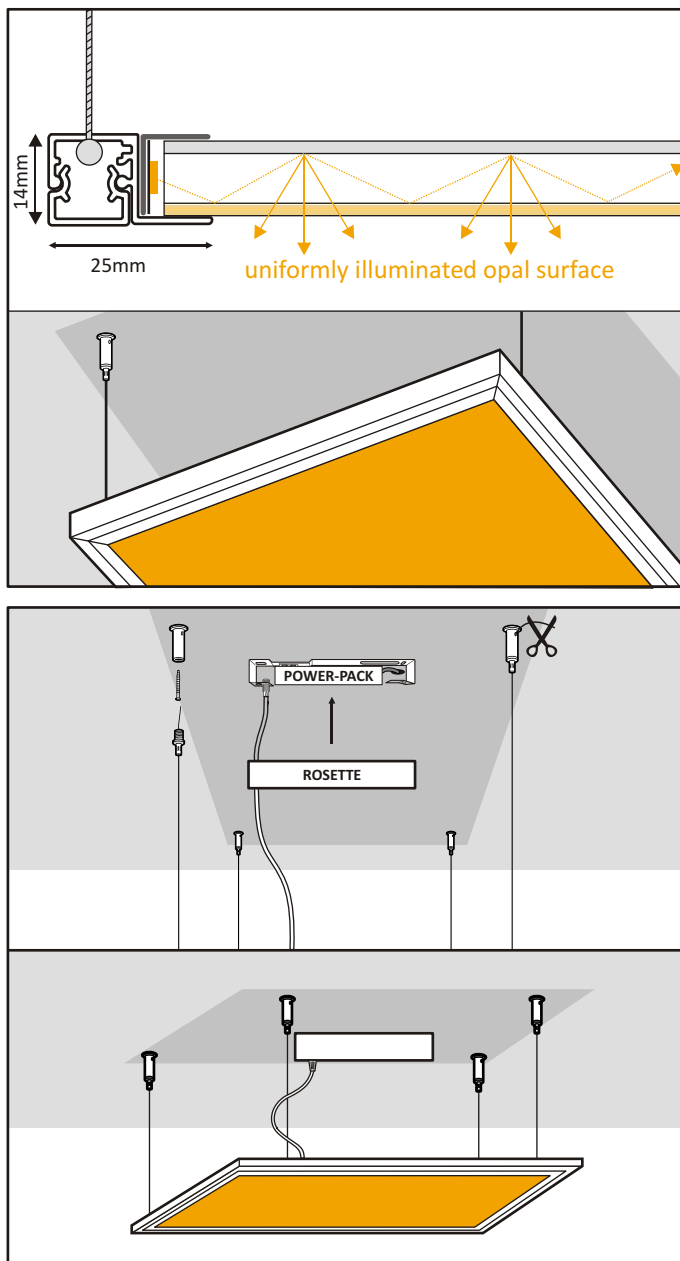
15mm  allows the passage of the cables behind the panel, putting the power-pack in a junction box.

40mm  allows to have cables and power-pack behind the panel.



The SUSPENSION version makes the product ready-to-use and immediately installed as a traditional device.

In this mode are provided all the necessary elements (cables + sealing systems) to implement the panel including a rosette in which to place the power-pack.



FILED® SYSTEM - BUILT-IN PLASTERBOARD

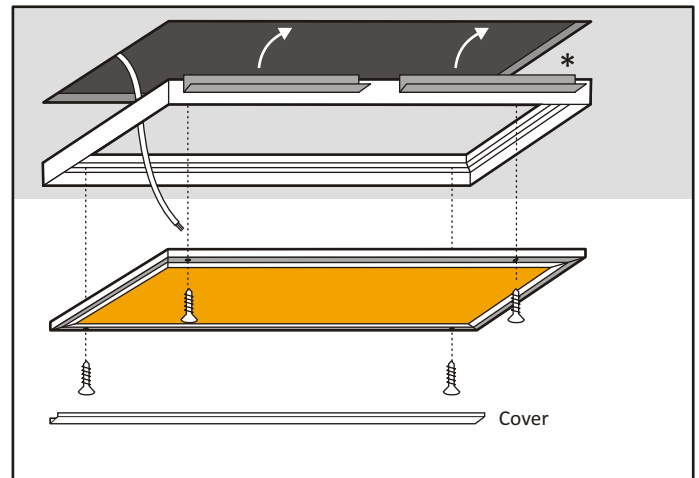
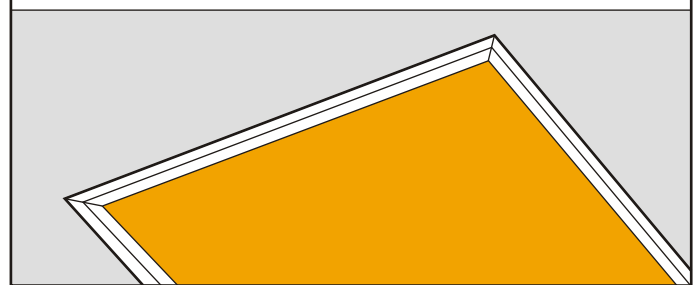
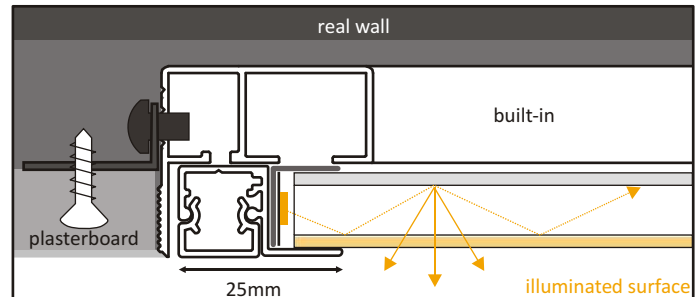
FILED®

BUILT-IN version is designed to make the product fully integrable into the architecture.

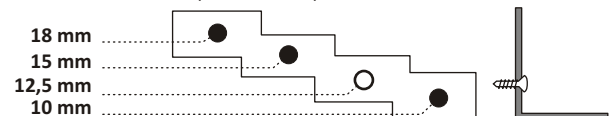
The built-in structure to be inserted into the plasterboard, is provided with screw holes adjustable in height and creates an area for the FILED panel.

The bright surface of the panel, once positioned in the structure, will be at the same level of the wall which contains it.

Thanks to the removable external profiles, it is possible to effect any maintenance with the greatest simplicity.



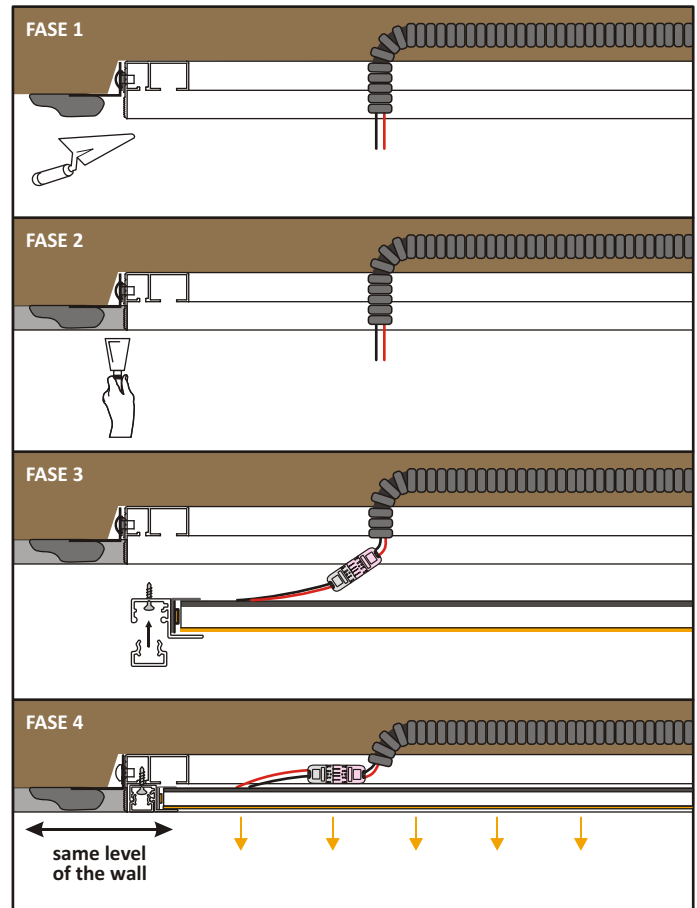
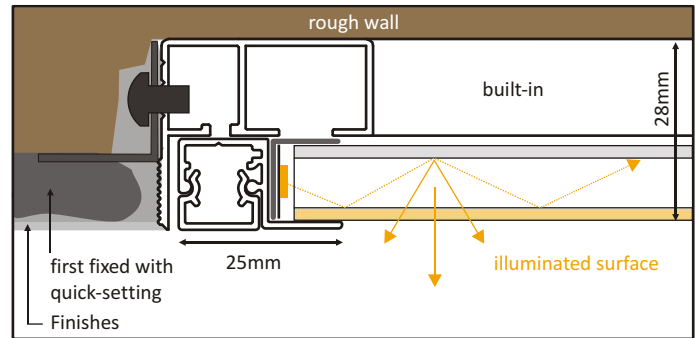
* standard thickness for plasterboard panels knauf



The built-in structure makes FILED also installable at masonry walls.

It is perfectly possible to integrate the product by simply creating a seat in the rough wall (for example in hollow bricks) blocking the built-in aluminum with inert quick setting materials, and then performing a smoothing finish.

Completed this phase of preparation, the FILED panel can be fixed in the built-in seat with extreme simplicity.

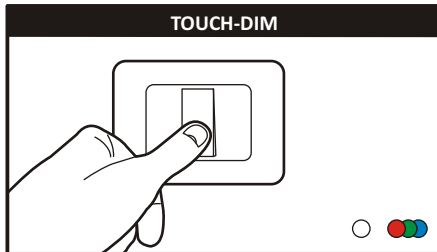


FILED®

• • • • •
...the flat "LED fill-light" ...

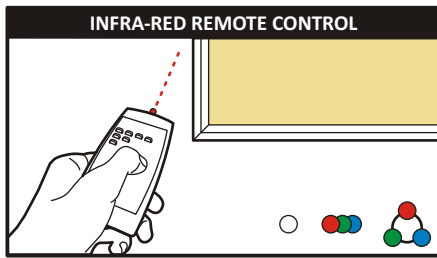
MANAGEMENT SYSTEM

LOWER COST



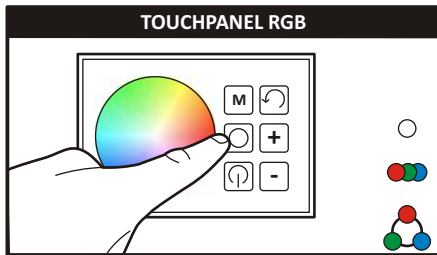
“TOUCH-DIM” BUTTON

This solution is the easiest and **cheapest** way to handle the FILED panels RGB or monochrome. You can control multiple panels in a coordinated way.



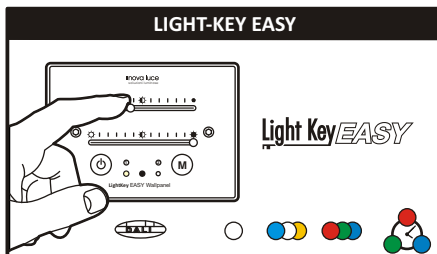
INFRA-RED REMOTE CONTROL

The solution with infra-red remote control offers the opportunity to **remotely manage** multiple RGB FILED panels in a synchronized way.



TOUCHPANEL RGB

The touchpanel control system for 503 box, offer the possibility to manage the RGB FILED panel with a complete and intuitive digital interface.



LIGHT-KEY EASY SYSTEM

Light-Key EASY is an advanced, built-in management system in for 503 box it allows a simply and accurate control of the tone and the intensity of both the white and coloured lights. Moreover it allows you to create, save and load lighting scenes.

COMPLETE MANAGEMENT

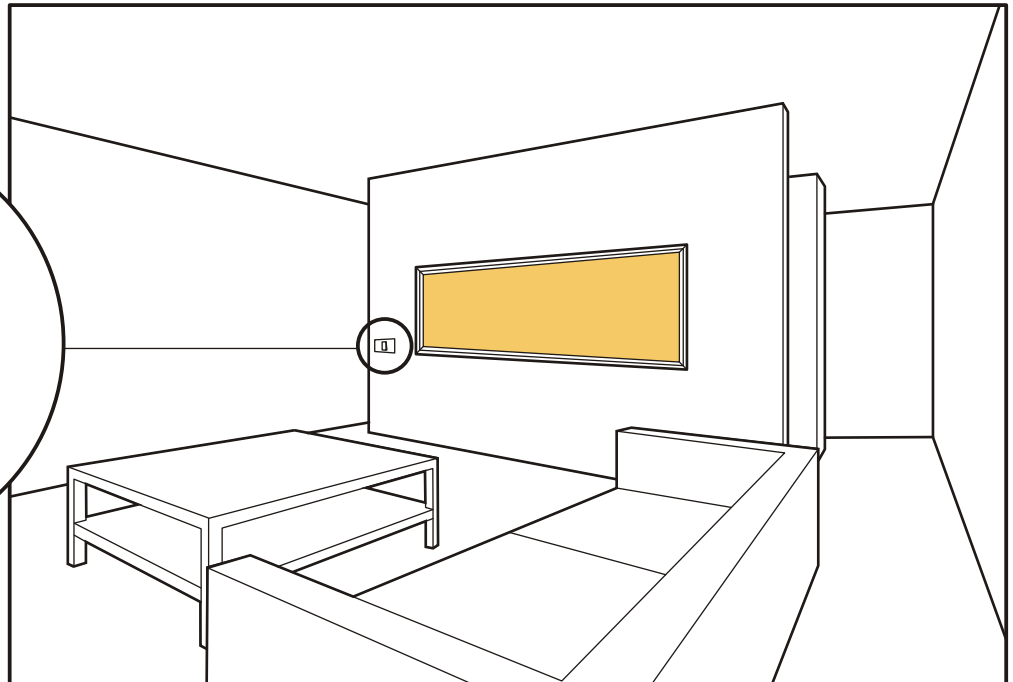
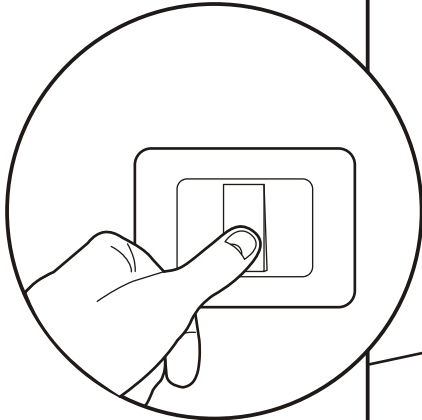
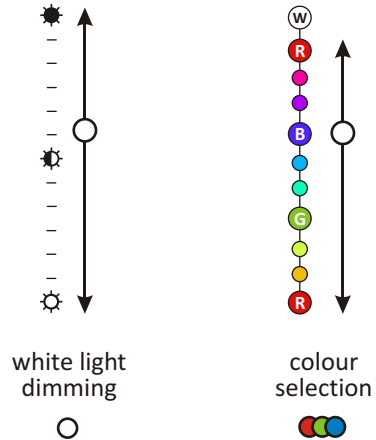
The control button is the most **economical** and quick system, to manage FILLED® panels RGB or monochrome.

Simply pushing the button you can increase or decrease the intensity of the light and in case of **RGB FILLED** select the colour.

After making your selection settings are stored and recalled at each switching on.

With this type of management it is possible to control in a coordinated way infinite FILLED monochromatic panels and a total maximum power of 550W for the RGB panels.

Touch-Dim function

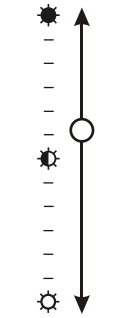


The infra-red remote control offers the opportunity to **remotely manage** the Filled panels.

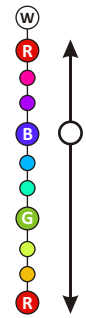
This mode provides access to the basic color selector, generic white light, dimming and color cycle.

With this type of management can be controlled in a coordinated way more Filled RGB panels up to the achievement of a maximum power of 550W.

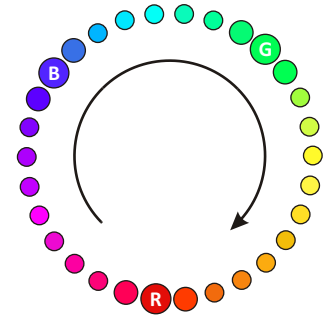
Remote control function



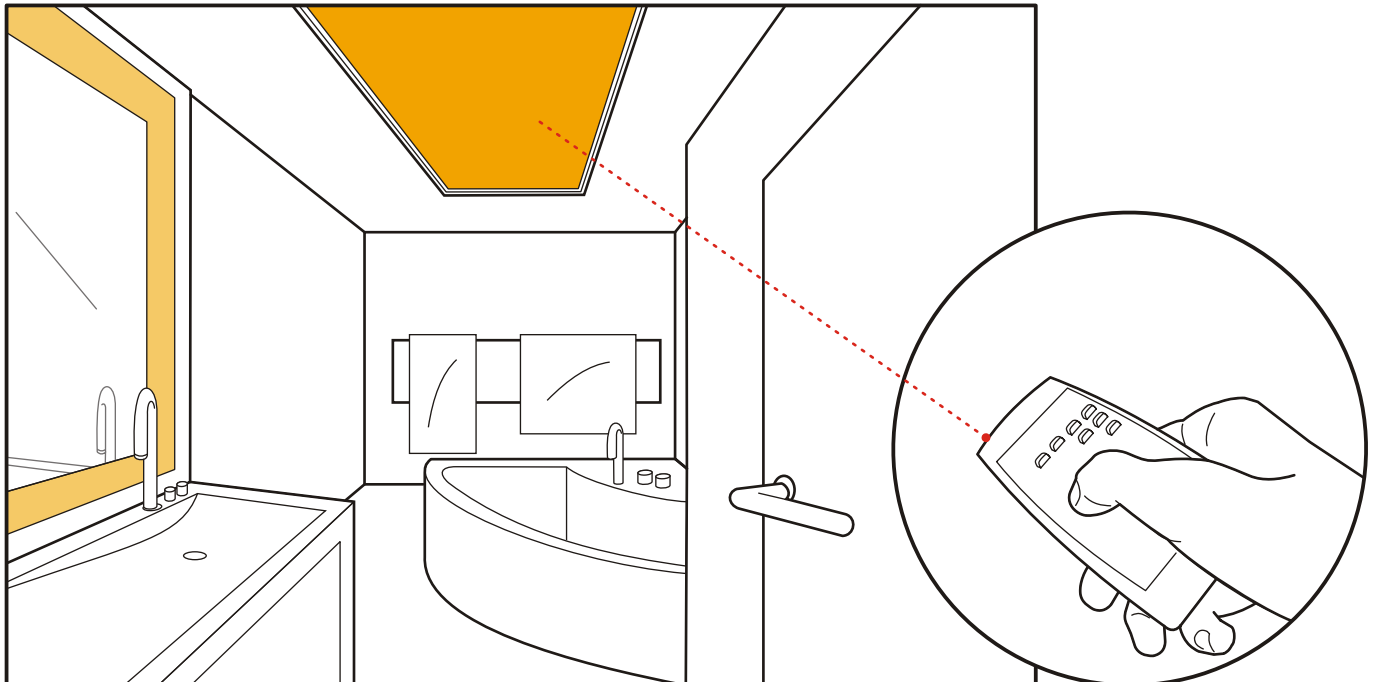
white light dimming



colour selection



colour cycle

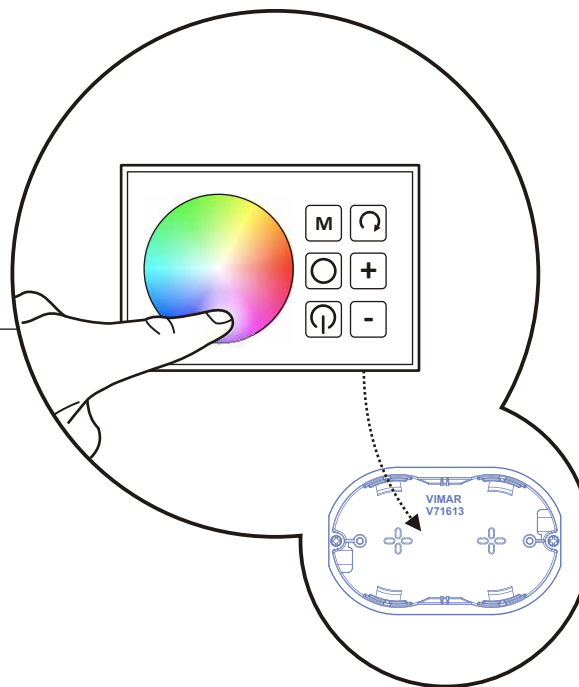
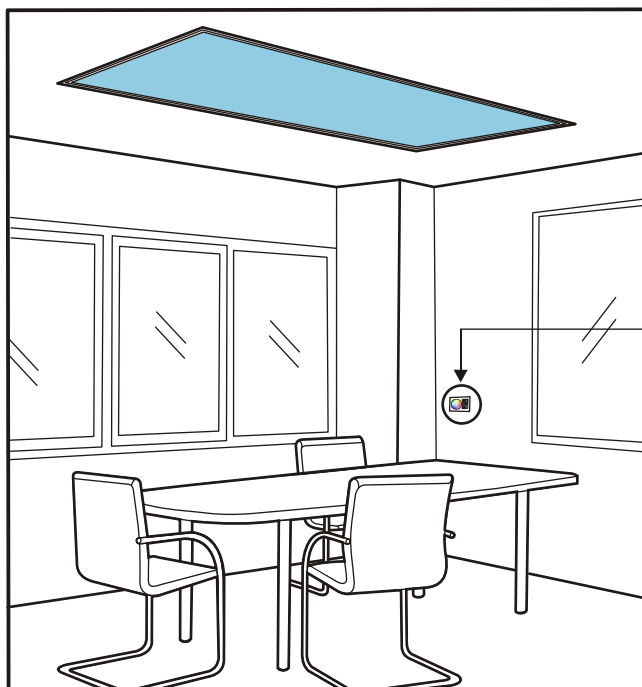
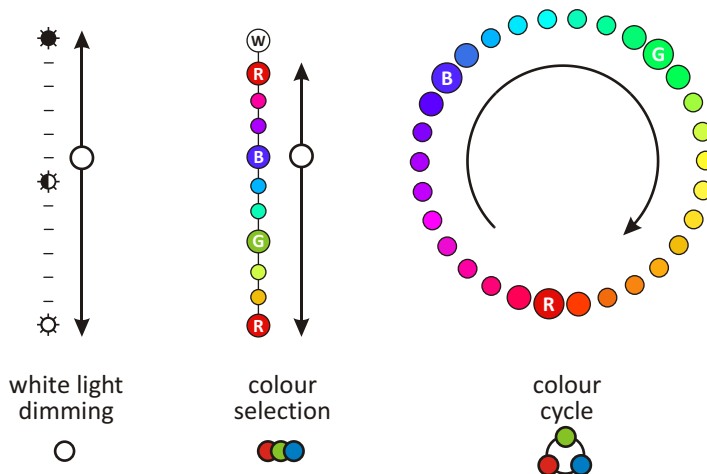


The innovative **touchpanel** system offers the opportunity to carefully select the color of light through a fast and intuitive interface.

The control device can be inserted into a normal 503 box.

With this kind of management more RGB FILED panels can be controlled in a coordinated way till the achievement of a total maximum power of 550W.

Touchpanel function



MANAGEMENT WITH LIGHT-KEY EASY

Light Key *EASY*

LightKey EASY is a complete and coherent system of simple and immediate control device, a deliberately designed analogue look in an attempt to guarantee to any user an intuitive and satisfactory interaction with the dynamic lighting system.

The Light-Key EASY controls compatible with FILLED are:

WALL PANEL RGB SLIDERS control or REMOTECONTROL RADIO

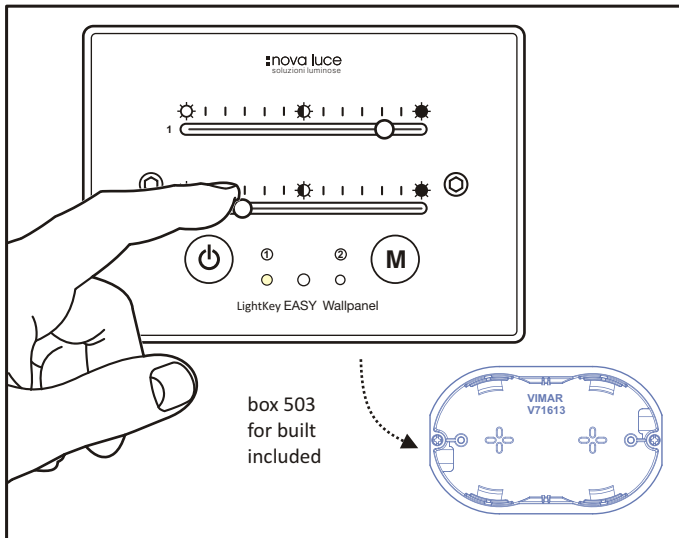
The device allows you to manage one or more FILLED RGB panels coordinately. The system give immediate access to the basic functions: selection of white light, color, tone, intensity and standard colour cycle at selectable speed and intensity.

WALL PANEL MONODIM

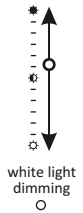
The device allows a separate management of 2 groups of filled. The wallpanel sliders permit to adjust separately the light intensity of each of the groups.

WALL PANEL SCENEMANAGER

Device for management and coordination of wallpanel units. This system allows you to store and recall in a simple, intuitive and fast way up to 10 situations generated by the coordinated effect of all lighting applications controlled by wallpanel.



WALL PANEL MONODIM



WALL PANEL SCENE MANAGER

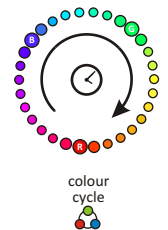
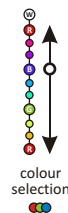
10 savable scenes



WALL PANEL RADIO RGB



WALL PANEL RGB

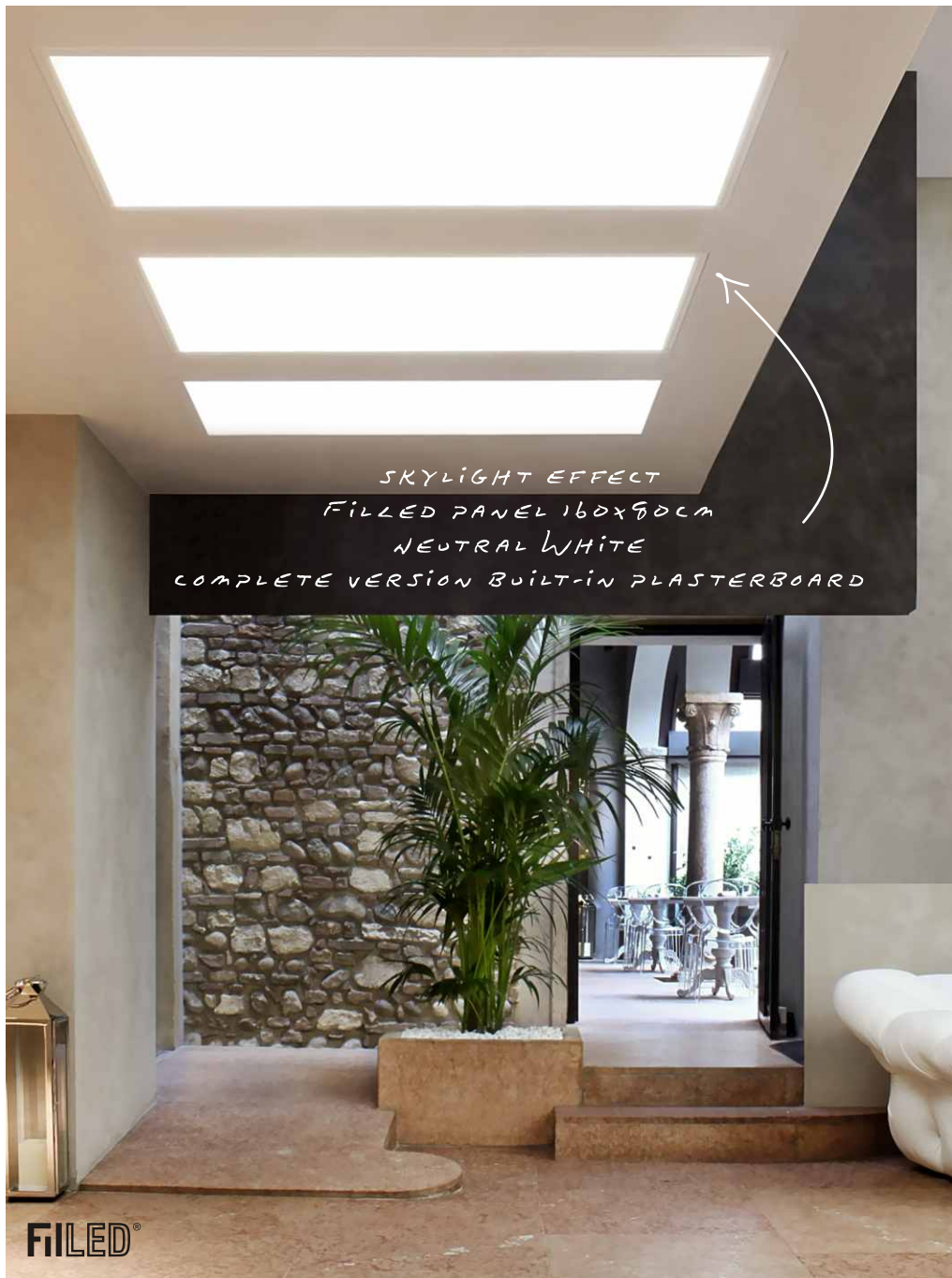


FILED®

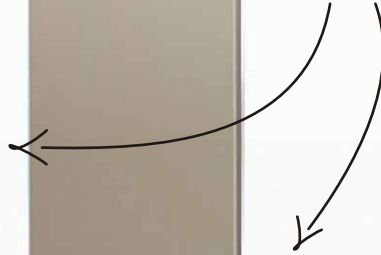


...the flat "LED fill-light" ...

EXAMPLES OF APPLICATION



SKYLIGHT EFFECT
FILLED PANEL 300X40CM
NEUTRAL WHITE
COMPLETE VERSION
BUILT-IN A REAL WALL



BACKLIGHTE D PRINT
FILLED PANEL 80x50cm
WARA WHITE
COMPLETE VERSION
WALL INSTALLATION



FILED®

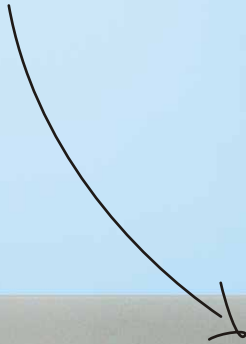


BRIGHT ELEVATOR SKY
FILLED PANEL 120x90CM
COLD WHITE
CEILING VERSION



FILED®

WALL LIGHT
PRODUCTS SIDE BY SIDE 90x90cm
COLD WHITE
COMPLETE VERSION
WALL - CEILING





DISPLAY WITH LUMINOUS SHELVES
FILLED PANEL 200x40CM
BASE VERSION
INTEGRATED IN THE DRAWER

FILED®





BRIGHT BENCH
FILLED PANEL 300x90CM
FOREST GREEN
BASE VERSION
INTEGRATED IN THE BENCH

FILED®



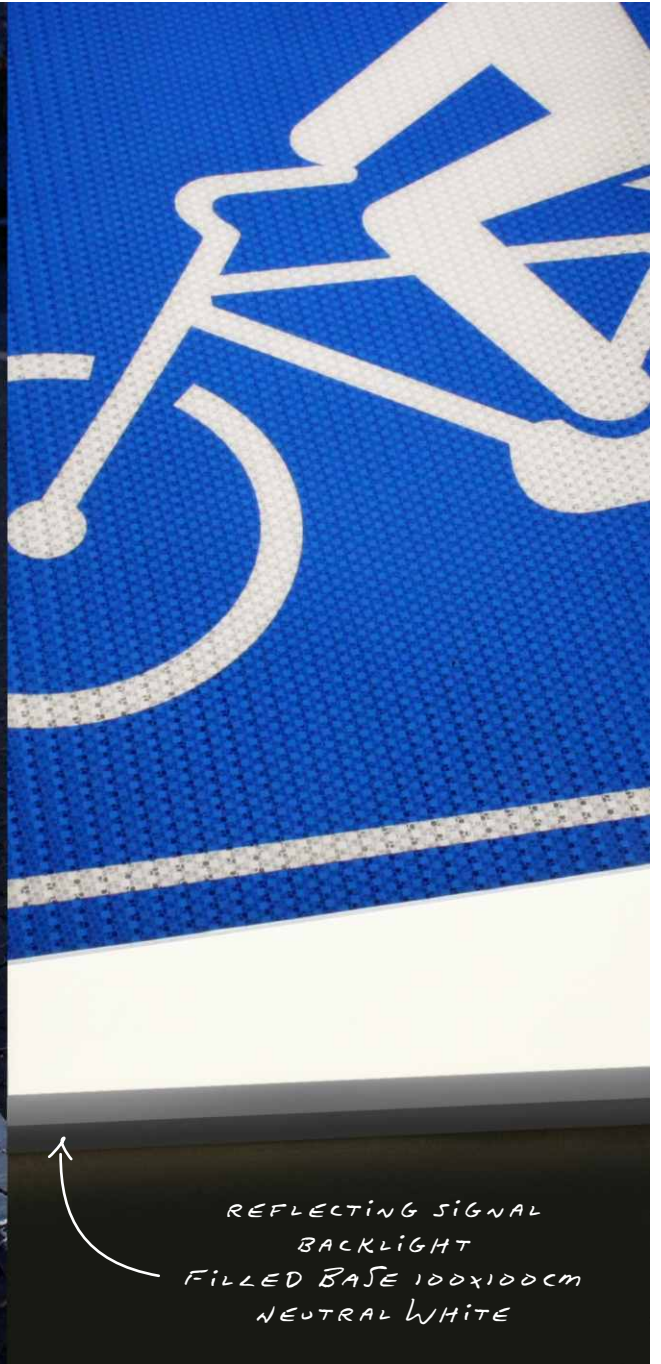
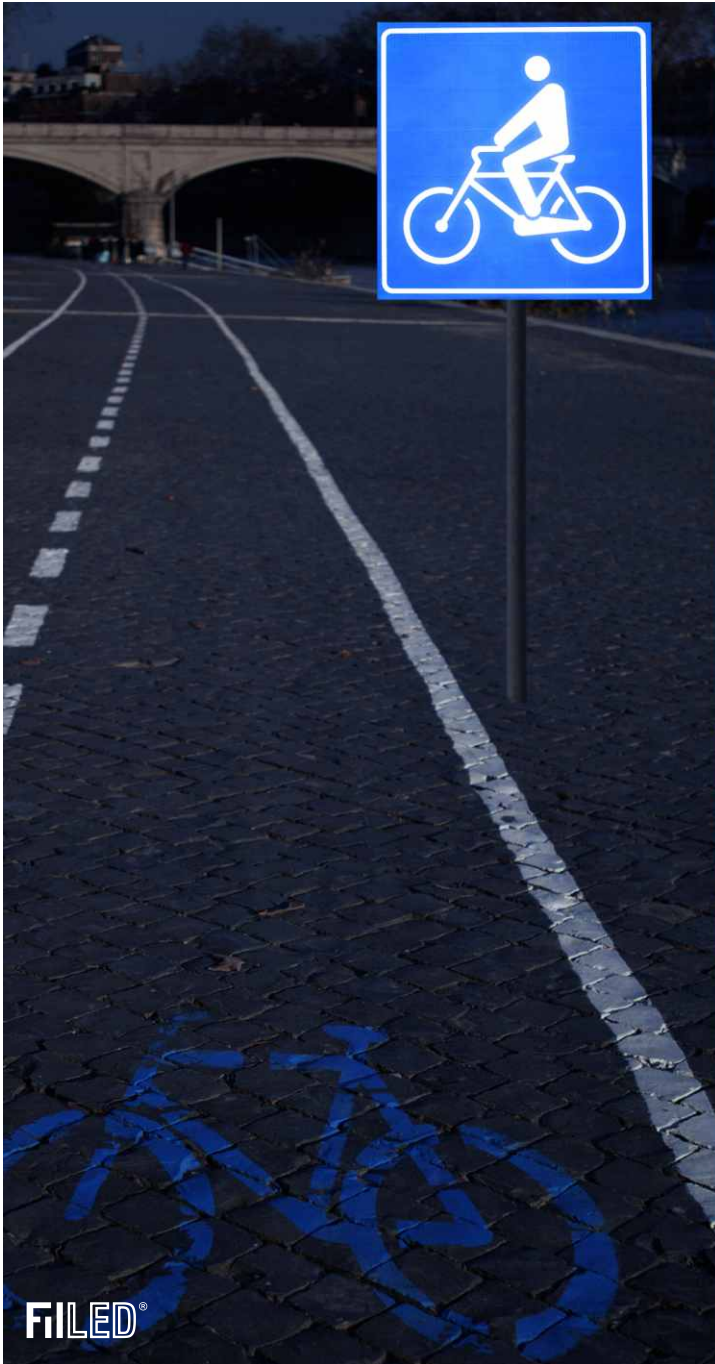
HEADBOARD LIGHT
FILLED PANEL 300x90cm
SUNSET ORANGE
COMPLETE VERSION
BUILT-IN PLASTERBOARD

FILLED PANEL
BASE 190X100CM
INSERTED IN COVERING
FOR DISPLAY MERCHANDISE
WARM WHITE



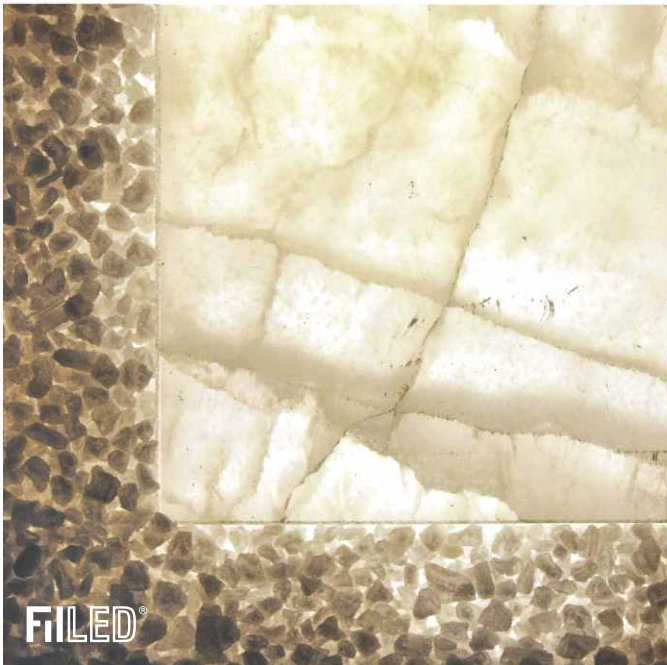
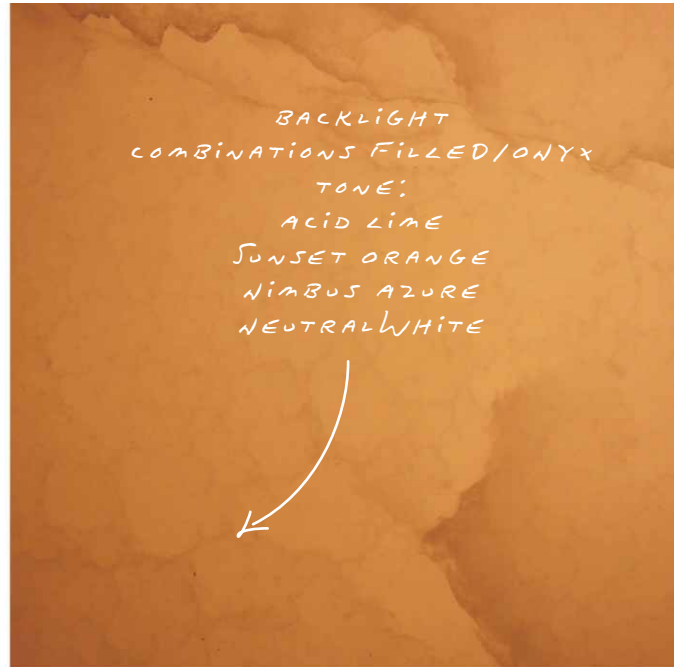
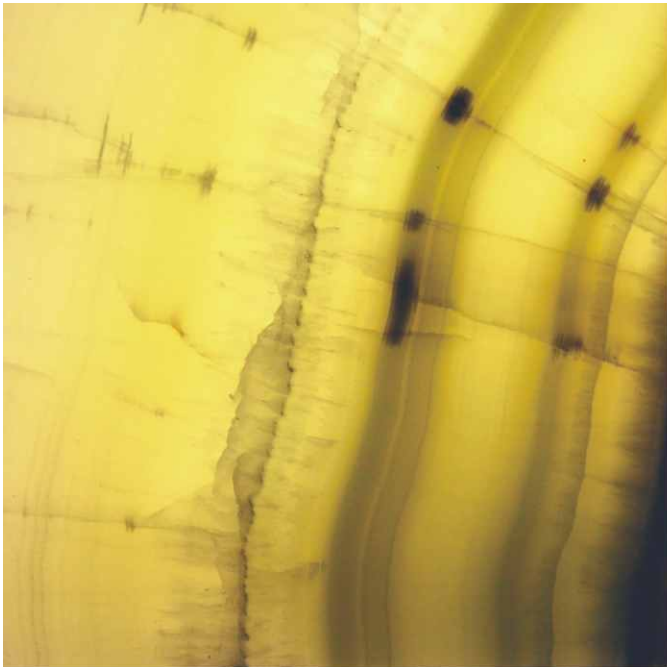
BACKLIGHTED
PRODUCT

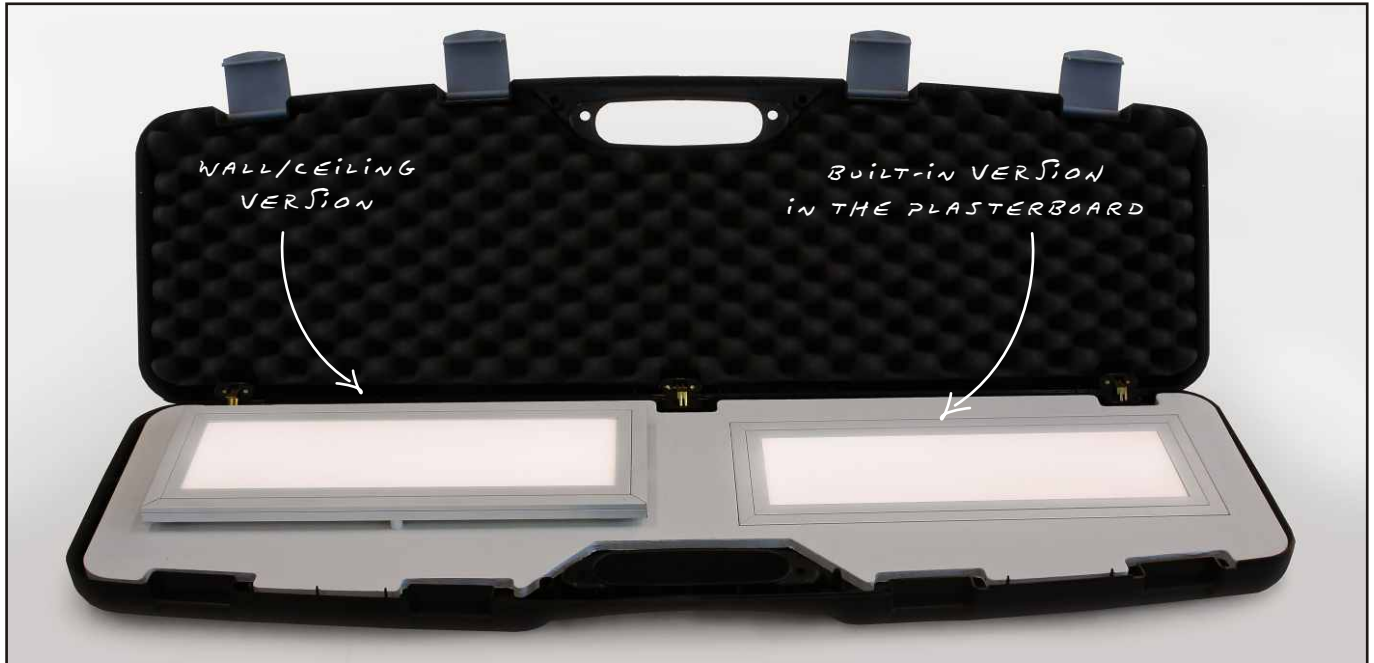




REFLECTING SIGNAL
BACKLIGHT
FILLED BASE 100x100CM
NEUTRAL WHITE

FILED®





FILED®
...the flat "LED fill-light" ...

| | | | |
|----|------------------|----|-----------------------|
| M1 | SUNRISE MAGENTA | M2 | SUNRISE MAGENTA SOFT |
| V1 | ROYAL CRIMSON | V2 | ROYAL CRIMSON SOFT |
| R1 | MAGMA RED | R2 | MAGMA RED SOFT |
| O1 | SUNSET ORANGE | O2 | SUNSET ORANGE SOFT |
| Y1 | FRESH YELLOW | Y2 | FRESH YELLOW SOFT |
| L1 | ACID LIME | L2 | ACID LIME SOFT |
| G1 | FOREST GREEN | G2 | FOREST GREEN SOFT |
| T1 | MARINE TURQUOISE | T2 | MARINE TURQUOISE SOFT |
| C1 | SKY CYAN | C2 | SKY CYAN SOFT |
| A1 | NIMBUS AZURE | A2 | NIMBUS AZURE SOFT |
| B1 | MIDNIGHT BLUE | B2 | MIDNIGHT BLUE SOFT |
| P1 | POISON PURPLE | P2 | POISON PURPLE SOFT |

| | | | | | |
|----|------------|----|---------------|----|------------|
| WW | WARM WHITE | NW | NEUTRAL WHITE | CW | COLD WHITE |
|----|------------|----|---------------|----|------------|

AUTHORIZED DEALER:



www.eps.vr.it

EPS

Loc. Palazzina, 85
37012 Bussolengo (VR)

tecnico@eps.vr.it
commerciale@eps.vr.it