



volatiles | canvas

Product Brochure

NEW COLLECTION 2026

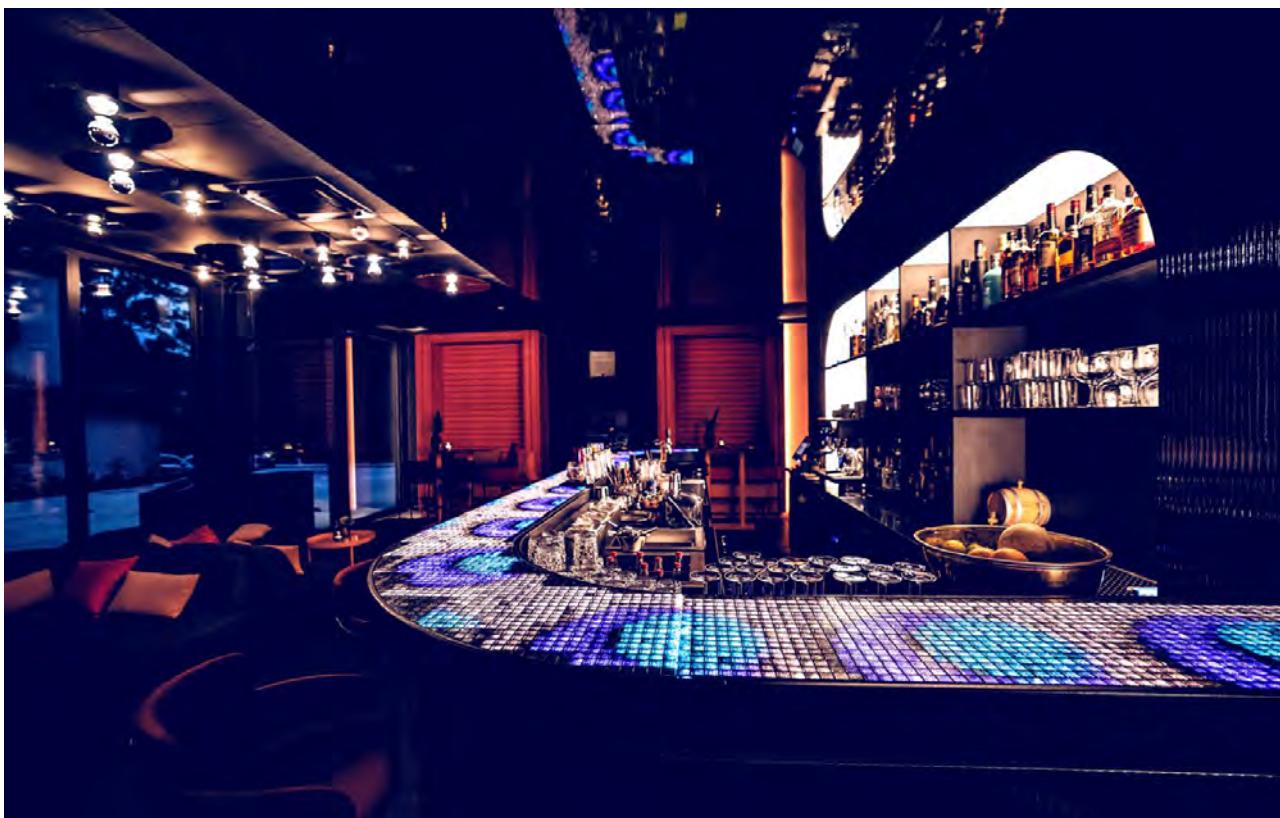


volatiles





volatiles canvas



volatiles canvas

Interactive LED panels with translucent surface materials such as natural stone, wood veneer, glass mosaic or concrete with fibre optics for premium indoor spaces.

The volatiles *canvas* series is the perfect all-in-one and plug & play solution for panel sizes between 0 - 4 sqm. All hardware for control or power is conveniently hidden inside. Whether recessed or surface mounted, all panels come with an elegant aluminium frame and a wall mount kit for easy installation.

We take pride to only use authentic (real) materials that provide a luxurious texture and pleasant haptic feedback.

ONE PANEL – ENDLESS POSSIBILITIES

What can I play on the panel?



Relax and enjoy pre-installed mood / ambient light scenes

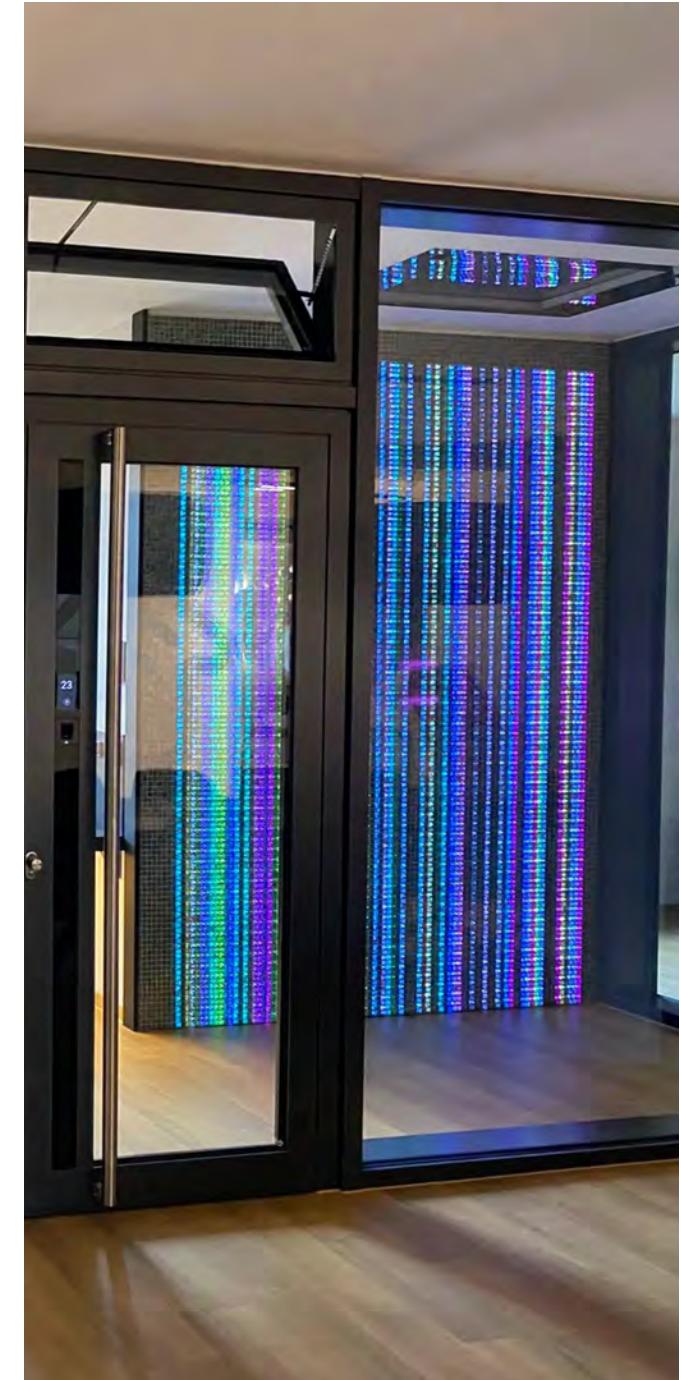


Upload your favourite pictures, selfies, GIFs or short videos



Be creative and paint with your fingers in paint mode

Showroom in Maienfeld (Switzerland)
Size: 96 cm x 262 cm
Mosaic: BISAZZA Canvas CN15





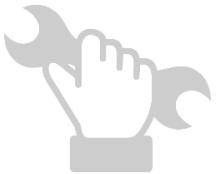
Control via touch

(control all major functions and features via the built-in touch menu)



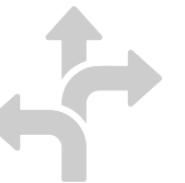
100% authentic materials

(no printed textures or patterns, no faux stone, etc..)



Easy installation

(no technician needed, pre-installed software)



Flexible size

(0-4 sqm)



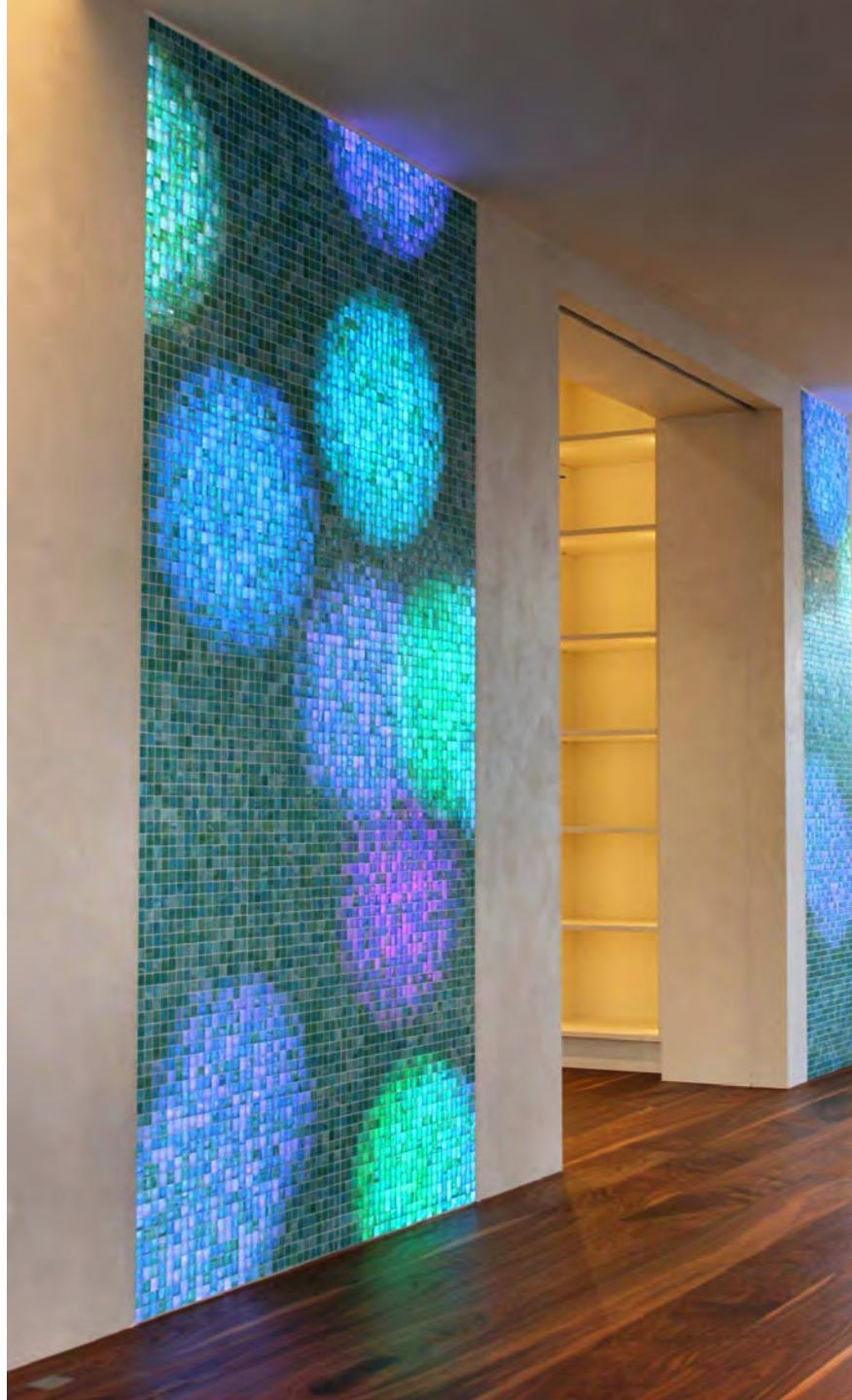
Multimedia capability

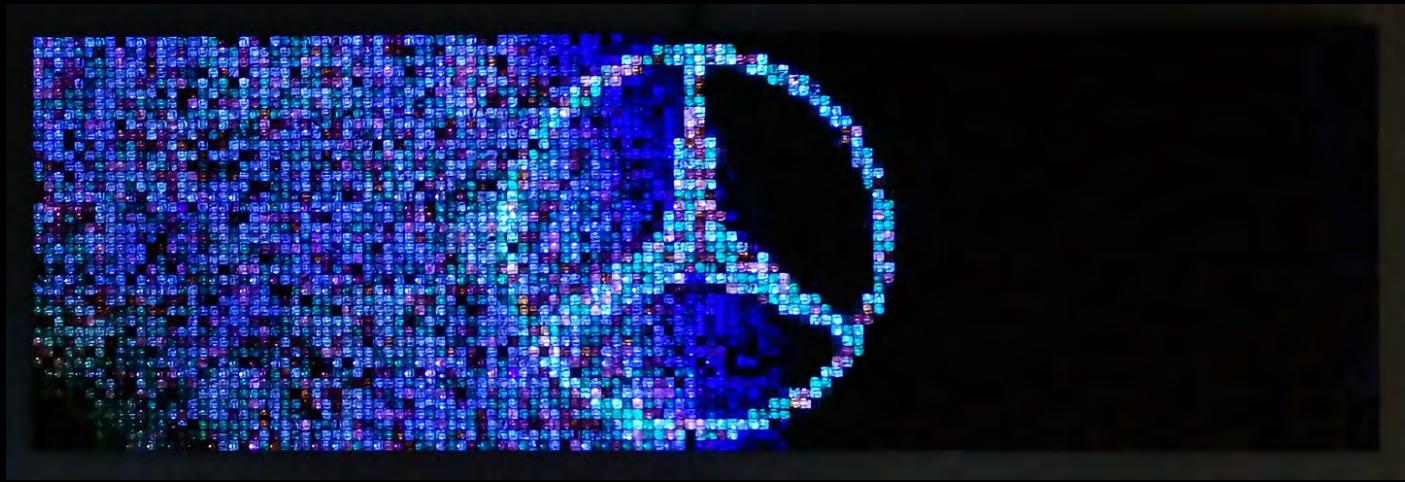
(visualize pictures and short videos)



Bespoke services

(Custom materials or custom light scenes are possible)







Translucent Glass Mosaic Tiles

Snow



Midnight



Summer blue



Atlantic blue



Rhubarb



Plum



Cherry



Pineapple



Bernstein



Moss



Picture to the left:

Mosaic tiles: Colour (Atlantic blue)

Grout: semi-transparent made of 2K epoxy resin

Frame: silver matt made of brushed and anodized aluminium



Translucent Concrete Slabs

Volcanic grey



Cream white



Picture to the left:
Translucent concrete in grey (Volcanic grey)
Frame: black matt made of brushed and anodized aluminium

Translucent Natural Stone Slabs



Picture to the left:
Natural stone (Calacatta Vagli) laminated onto glass
Frame: black matt made of brushed and anodized aluminium

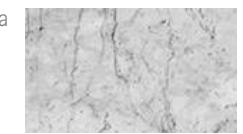
Calacatta Vagli



Estremoz



Bianco Carrara





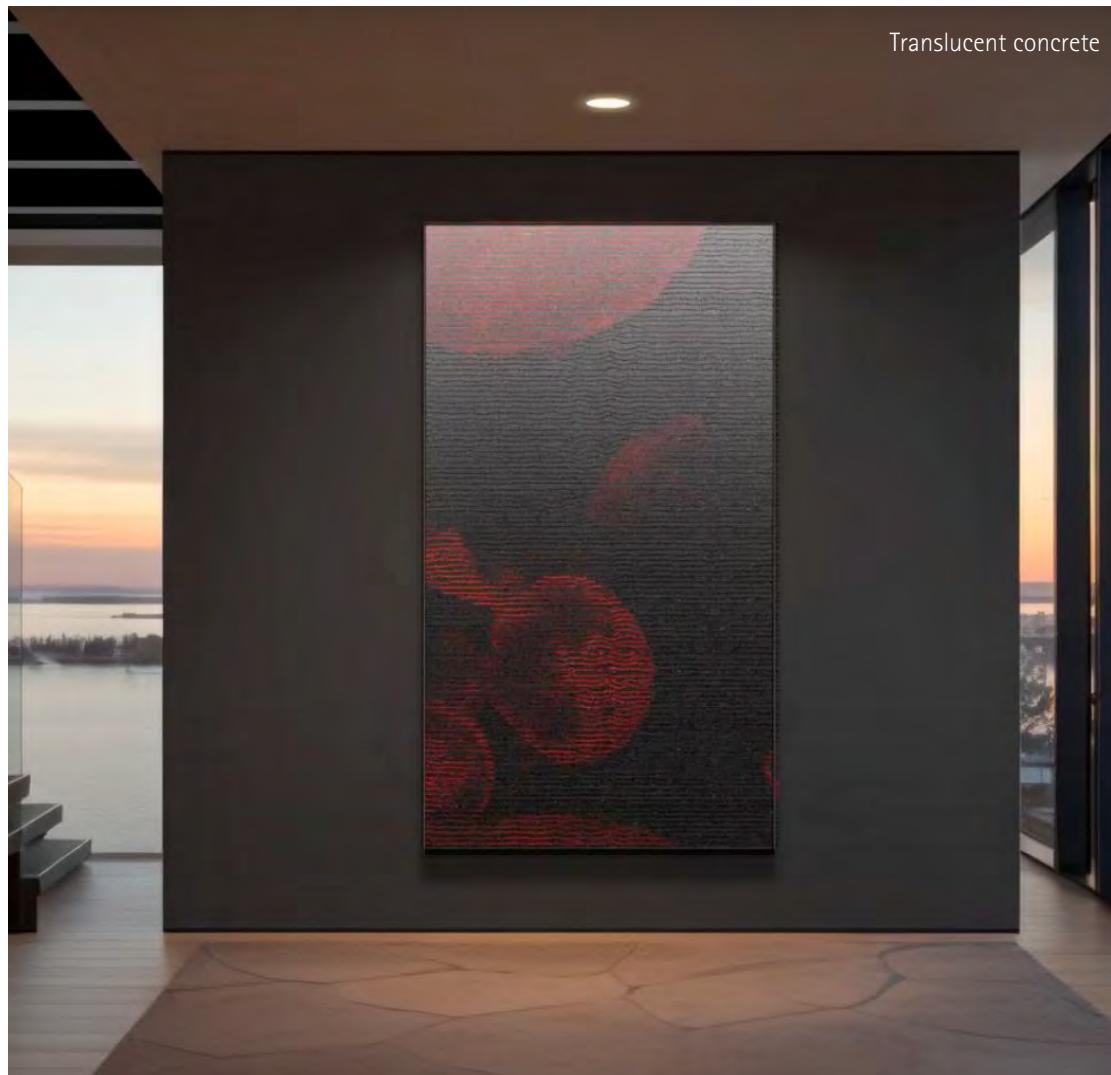
Translucent Wood Veneer

Sycamore Honey	
Ash	
Red beech	
Birds Eye Maple	
Oak	
Walnut	
Dark Grey Tulip	

Picture to the left:
Translucent wood (Birds Eye Maple) laminated onto glass
Frame: silver matt made of brushed and anodized aluminium

VOLATILES PANELS IN ACTION (PART I)

Concrete and real wood



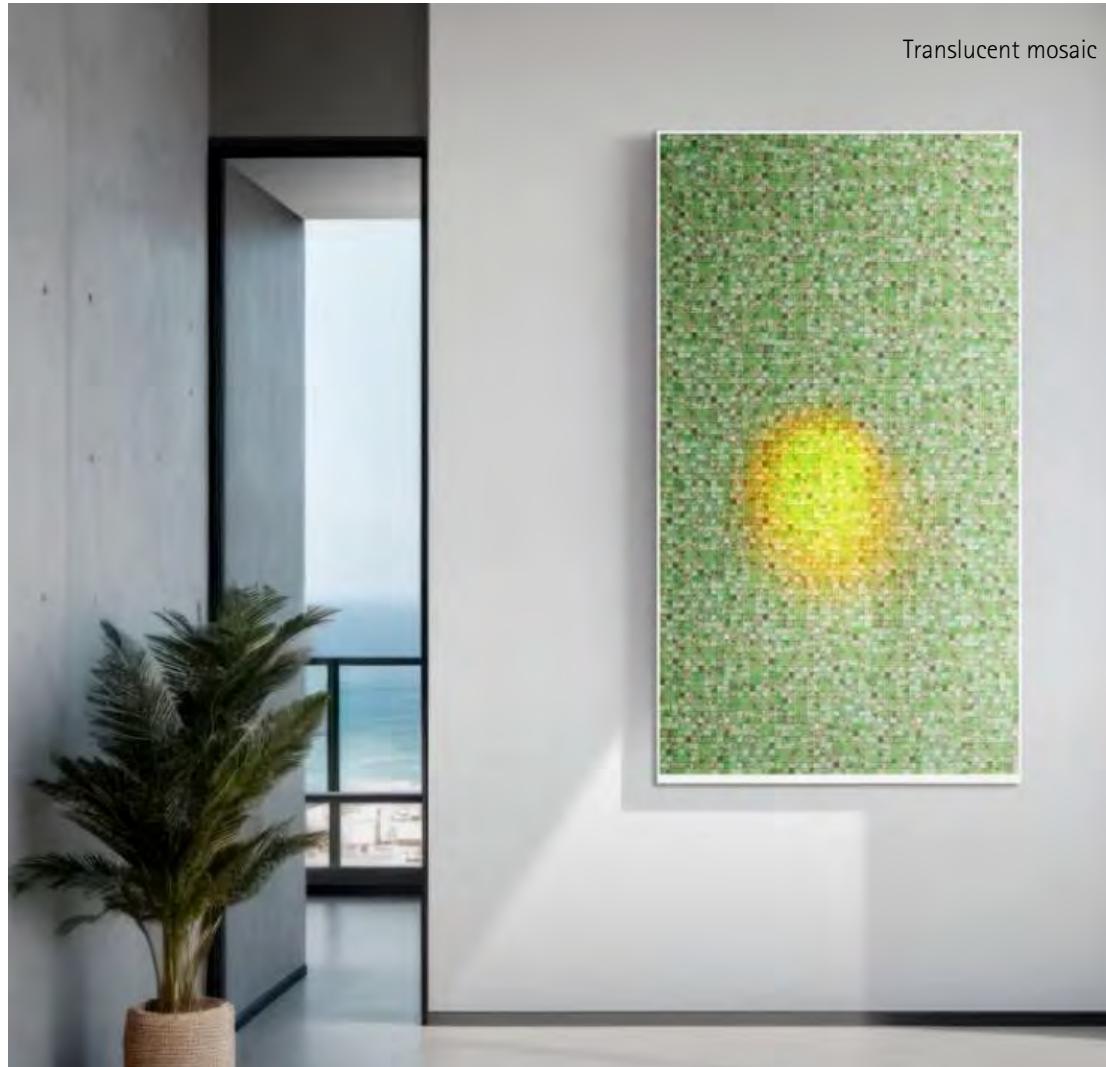
Translucent concrete



Translucent wood

VOLATILES PANELS IN ACTION (PART II)

Glass mosaic and natural stone



Translucent mosaic

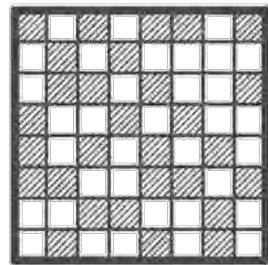


Natural stone

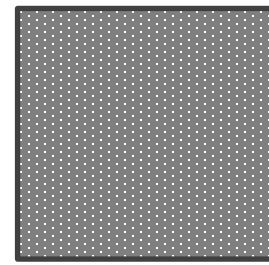
STEP 1: CHOOSE YOUR SURFACE MATERIAL

Buyer's Guide

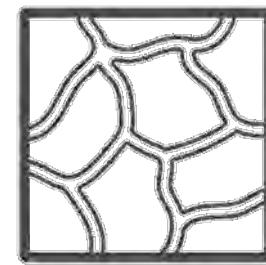
- Choose between four different material categories
- Within each category, you can select various colours and patterns



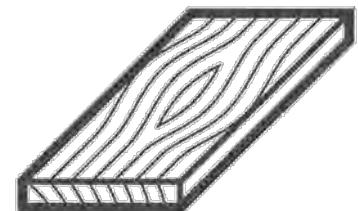
Glass
mosaic



Concrete



Natural
stone



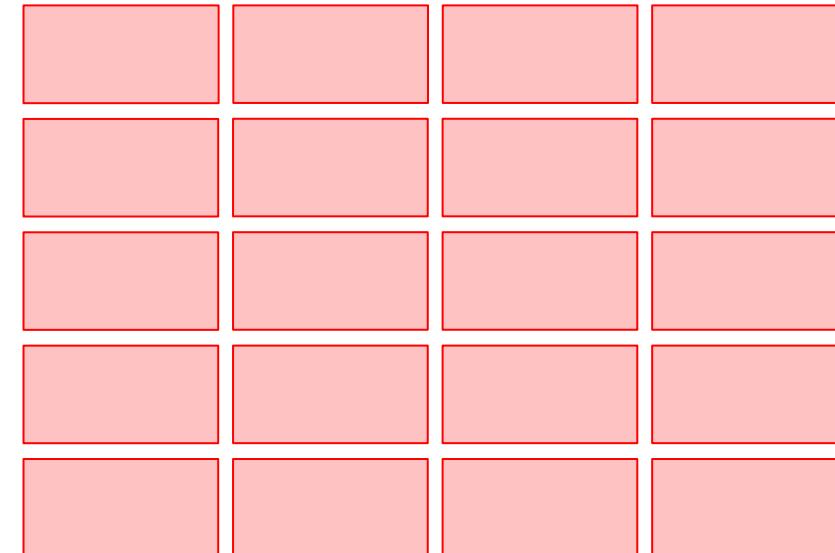
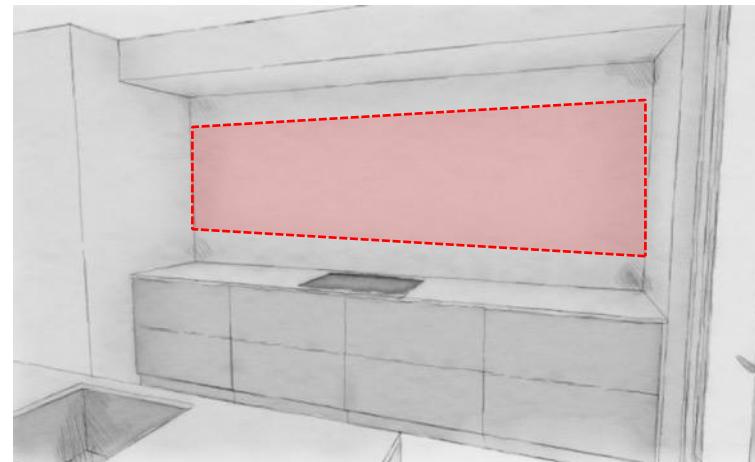
Wood

STEP 2: MEASURE YOUR DESIGNATED SPACE

Buyer's Guide

- Each panel consists of individual, replaceable LED modules (320 x 160 mm), which are connected both vertically and horizontally.
- The designated space on your wall should be divisible by the outer size of a module to minimize or eliminate margins, if possible.
- Margins can be bridged by extending the non-illuminated surface material.
- Squared, round or irregular / non-symmetrical shapes are possible. Speak to us to discuss your design needs.

Example



LED modules:
Both a horizontal or vertical
orientation is possible

320 mm (= 12.6")



160 mm
(= 6.3")

STEP 3: CHOOSE FROM FURTHER OPTIONS AND CUSTOMIZATIONS

Buyer's Guide

Optional features

Touch sensitivity

- All of the surface area (or parts of it) can be equipped with an invisible touch film to allow for an interactive user experience



+

IP67 class

- Additional sealing is used to protect against liquids, humidity and other fine particles
- Not suitable for wooden surfaces
- Please note that the increased protection level applies to the front only



Choose your frame colour



silver matt



black matt



bronze matt

- The elegant frame is made of high-quality custom-sized aluminium (brushed and anodized) and embraces the panel from all four sides.
- The backside of the frame features a groove to allow the panel to be hinged onto a steel rail, which is mounted on the wall.

STEP 4: SHIPPING & INSTALLATION

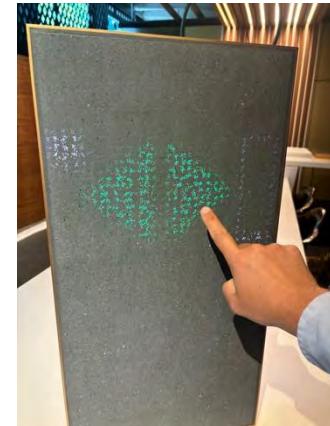
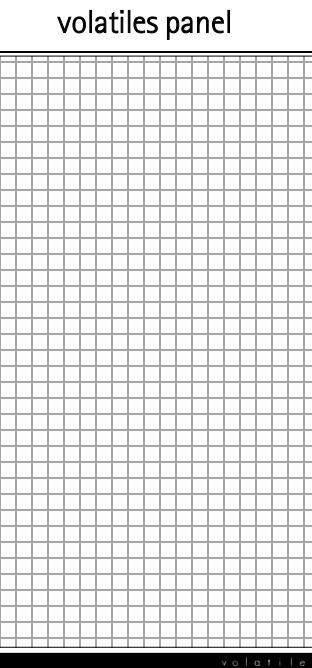
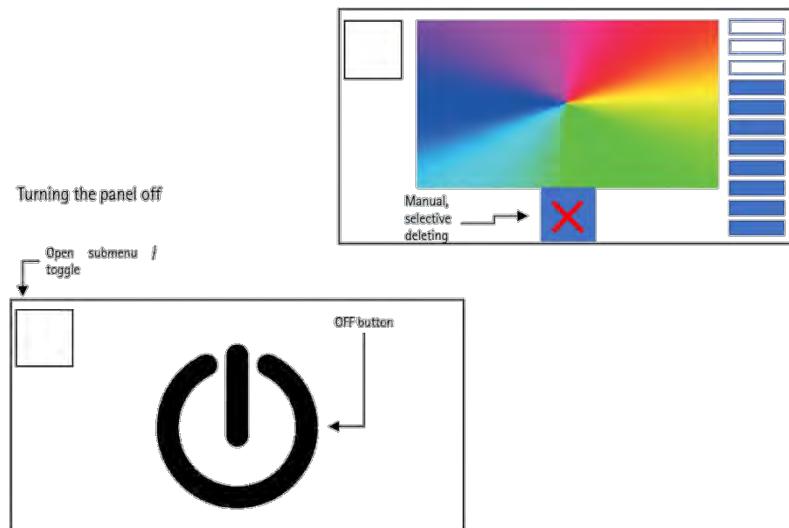
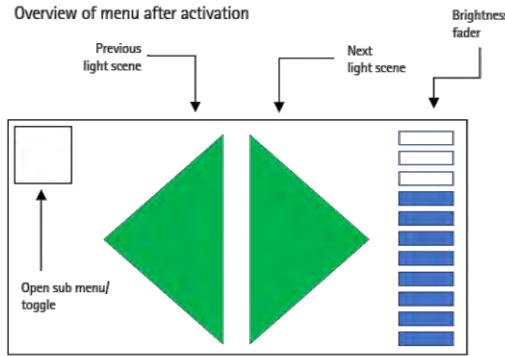
Buyer's Guide

- The volatiles panel will be assembled and shipped as one single piece, whenever possible.
- Power supply units (PSUs), a cord and a plug are included for each panel.
- To enjoy full functionality, the panel should receive a strong and stable WiFi signal.
- The corresponding app can be downloaded in the App Store (iOS). Calibration or configuration of the panel is not needed.



REVOLUTIONARY BUILT-IN TOUCH MENU (PCAP MULTI-TOUCH)

How to control the panel



CONTROL

- ON/OFF
- Light scenes
- Brightness
- Colors
- Pencil function

Translucent concrete

SELECT FROM PRE-INSTALLED LIGHT SCENES OR PAINT WITH YOUR FINGERS

How to display content (part I)

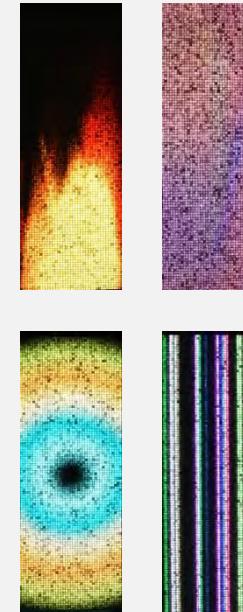


LIGHT SCENES VIA APP




25
LIGHT SCENES

Sample scenes



 Download on App Store

PAINT WITH YOUR FINGERS



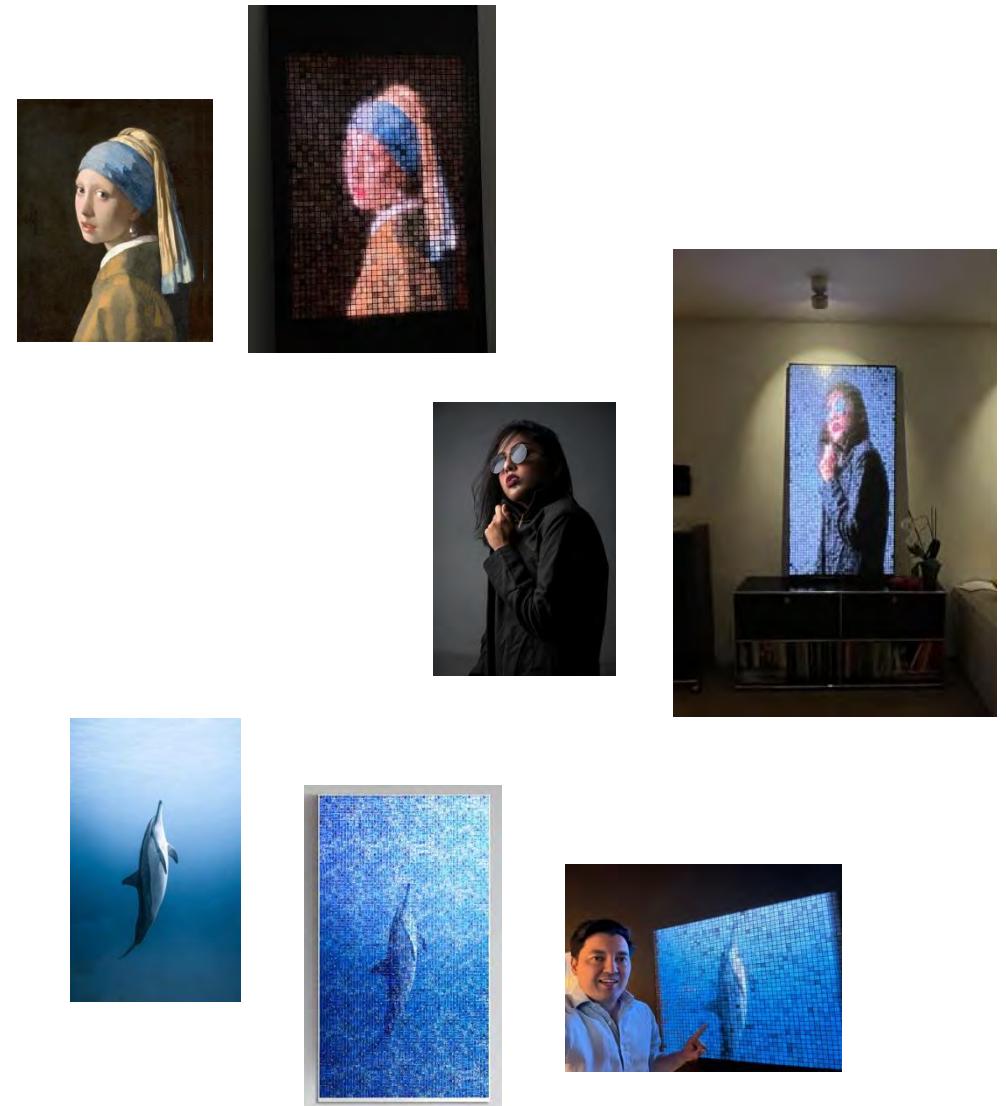
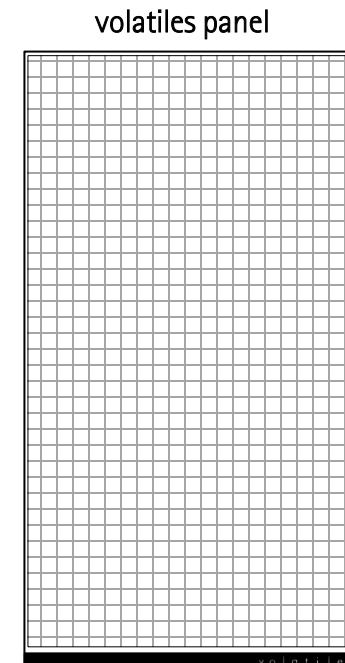
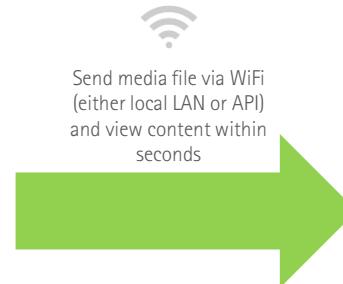


SEND MEDIA FILES TO THE PANEL: VISUALIZE ANY CONTENT

How to display content (part II)

Photos:
JPEG, PNG, GIF TIFF, HEIC
and others

Videos:
MP4 (MPEG-4), WMV, AVL,
MOV and others



LIGHTING CONTROL & TECHNICAL SPECIFICATIONS

Key facts

CONTROL

Option 1: Control over native app (iOS)

Option 2: Control over integrated touch menu (if touch option has been ordered)

Option 3: Control over KNX server (if KNX extension kit has been ordered)



Dimmable



Light scenes



Video Input
(optional)

App available on:



Works with:



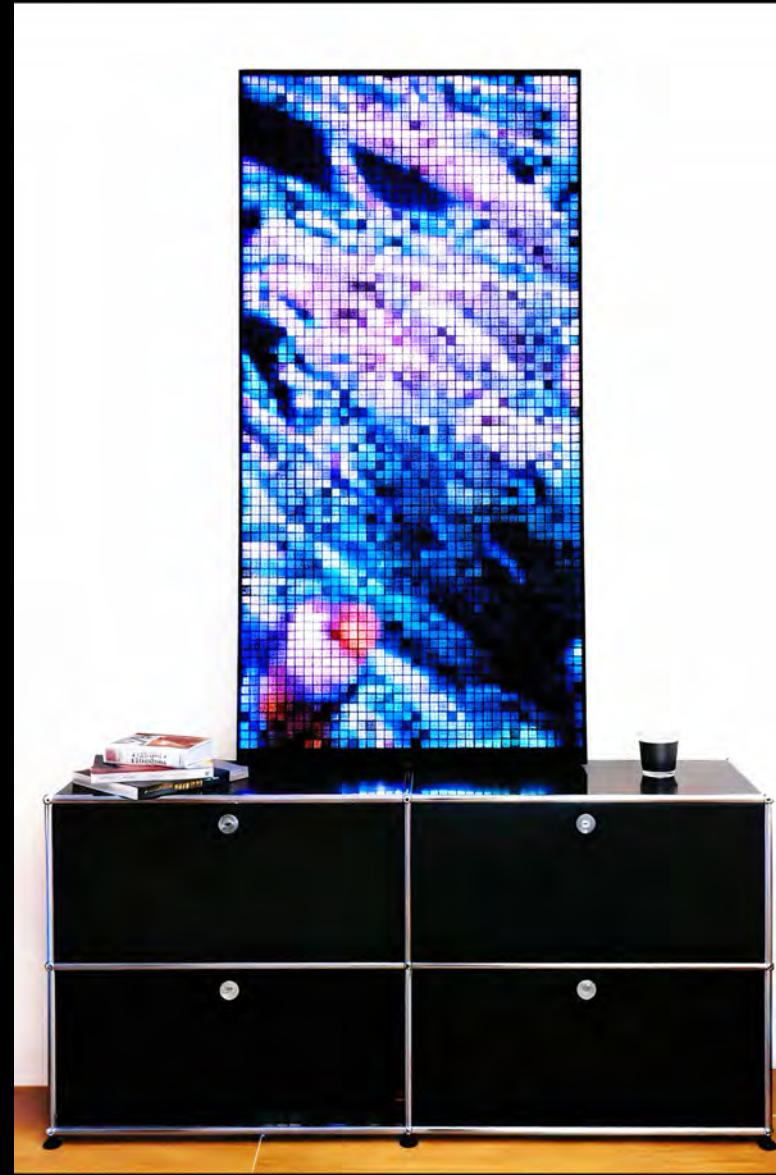
KNX integration possible

TECHNICAL SPECIFICATIONS

Display type	RGB-LED at P2 pixel pitch
IP class	IP44 or IP67 (front only)
Pixels	250,000 per sqm
Brightness	Max 1,000 nits (for fully transparent materials)
Media player (file format)	JPEG, BMP, GIF, PNG, WEBP, MPEG1/2/4, MVC, Google VP8/9, H.264/AVC, H.263
Media player (storage)	32GB internal storage
Power consumption	120 - 340 W per sqm (avr. and peak)
Operating temperature	- 20 to + 60 °C
Storage temperature	- 40 to + 60 °C
WiFi network	802.11a b/g/n at 2.4 GHz
Other packaging items	Wall mounting kit, power supply units, power plug
Dimensions	Pre-configured or fully customized
Weight	17 - 38 kg per sqm
Wall mounting type	Steel rail (similar to z-clip principle)
Maintenance type	Front maintenance



made
in
Germany



RECOGNITION BY THE DESIGN & INNOVATION COMMUNITY

Overview

Prizes and awards won



Winner 2018

DESIGN PL+US
powered by: light+building



INNOVATIONSPREIS-IT
BEST OF 2016

initiative
mittelstand

HARDWARE



Media coverage (selection)



INTERIERNY, Jan 2021



Sep 2018



Q2 2016



Nov 2016



03/2015



Apr 2021



Sep 2019



Feb 2019



Jun 2016



Jun 2016

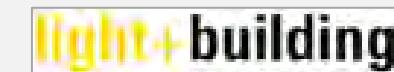


Jan 2018



Feb 2017

Trade show activity (as exhibitor)



Light+Building
March 2026



Sep 2021



Sep 2017



Jan 2020



Sep 2019



Mar 2016



Mar 2018



Apr 2019



Feb 2019



Sep 2015

CATERING TO A WIDE RANGE OF INDUSTRIES

Providing unique experiences in high-end design buildings

Private residential



Hotels & Wellness /
SPA



Office & Retail



Marine & Yacht



Segments

- Private residences (villa, penthouses, holiday homes, etc.)
- Main applications: living rooms, hallways, bathrooms, kitchen, private wellness areas, home theaters

- 5* luxury and boutique hotels
- Wellness and SPA institutions
- Private clinics and medical practices
- Design-focused restaurants
- Exclusive nightclubs and bars

- Headquarters and representative offices (e.g. lobbies)
- Meeting rooms
- Visual art / wall decoration in high end shops
- Visual art / wall decoration in shopping malls

- Luxury yachts of all sizes
- For master bedroom, SPA area, entertainment deck
- Cruise ships: bathrooms of suites or as "interactive art" in communal areas

Adding value to luxury real estate

HISTORY: THE WORLD'S FIRST INTERACTIVE MOSAIC WALL (2018)

Combining exclusive Italian glass mosaic with smart lighting / smart home functionality



- Combination of premium Italian glass mosaic wall elements with LED, capacitive touch and wireless technology
- 16.7m colours on each mosaic stone, which is addressable individually and touch sensitive
- Digital content (dynamic light scenes, texts, logos, etc.) and short video sequences are possible
- Touch technology enables painting with light and commanding other connected devices
- Focus on highest build quality and 100% "Made in Germany"
- Unique indirect lighting / mood lighting / smart home control surface to create a special atmosphere
- "Wow" or "wellness" factor to entertain yourself or guests



TEAM SOUTHEAST EUROPE

LET'S START THE JOURNEY TOGETHER



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DESIGN PLUS
powered by: **light+building**



GERMAN INNOVATION AWARD '18
WINNER





v o l a t i l e s

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