A FIELD REFERENCE FOR DESIGNERS & INSTALLERS

Powered shutters, *installed simply.*

LiteLüvr brings discreet, low-voltage power to interior shutters — without changing how they look, hang, or operate. This is the field installation in six clear steps.

FOR	FORMAT	PAGES	DOCUMENT
LIGHTING & INTERIOR DESIGNERS	FIELD REFERENCE	12	LL-INST-001

Install the shutter exactly as you would any traditional shutter. Power becomes a single eight-inch jumper — added at the end, invisible once closed.

NO NEW TRADES

Standard shutter install — unchanged.

LOW VOLTAGE DC

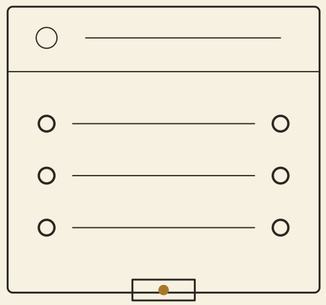
Safe, code-friendly, no electrician at the window.

INVISIBLE AT THE WINDOW

Flush wall plate, hidden behind the frame.

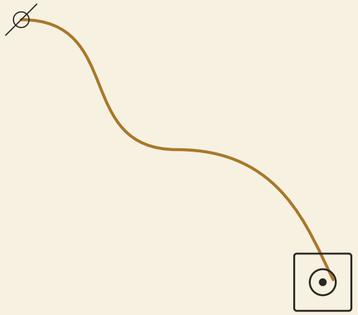
Four parts. *That's the system.*

Every job ships with these four items pre-matched to the panel count.



01

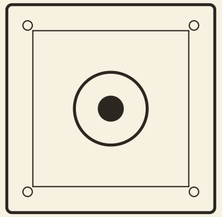
Power Distribution Box



02

In-Wall Cable

Pre-terminated wall plate on one end. Bare run to the panel on the other.



03

Flush Wall Plate

Mounted in the window frame before the shutter goes up. Female barrel inside.



04

Jumper Cable

Eight inches, male barrel on each end. Bridges plate to panel.

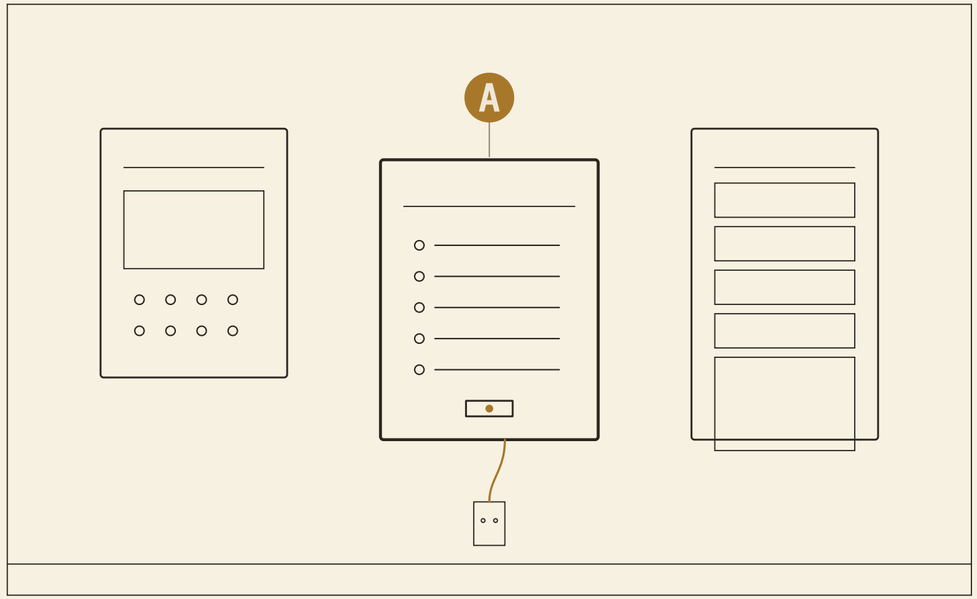
01

Site the power box.

Mount the LiteLüvr power distribution box wherever low-voltage hubs already live — alongside the alarm panel, the CCTV head-end, or the AV rack.

No new closet, no new trade. One outlet, one switch, one home for the whole house.

FIG. 01 · UTILITY WALL, ELEVATION



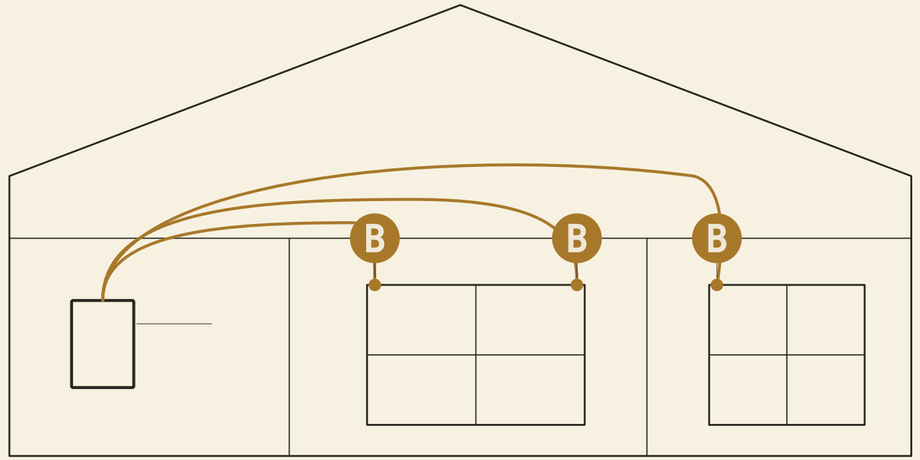
02

Run one cable per panel.

Pull a single cable from the power box to the top corner of each panel in the window soffit — on the hinged side of each panel.

Each cable has its own labeled channel back at the power box. The terminated end ships ready to mount.

FIG. 02 · HOUSE SECTION



N.T.S.

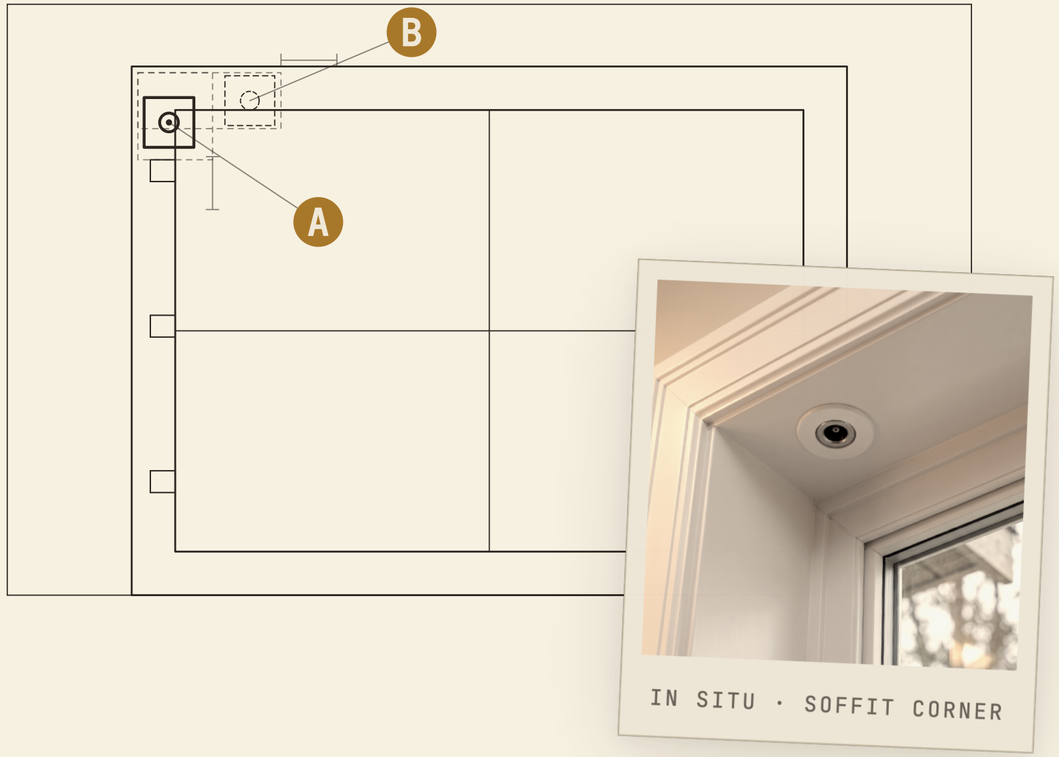
03

Mount the wall plate.

Before the shutter goes up, set the pre-terminated wall plate inside the window frame — on the hinge side, within four inches of the top corner.

Either entry works: from the side of the window within 4″ of the top, or from the top within 4″ of the side.

FIG. 03 · WINDOW FRAME, INTERIOR ELEVATION



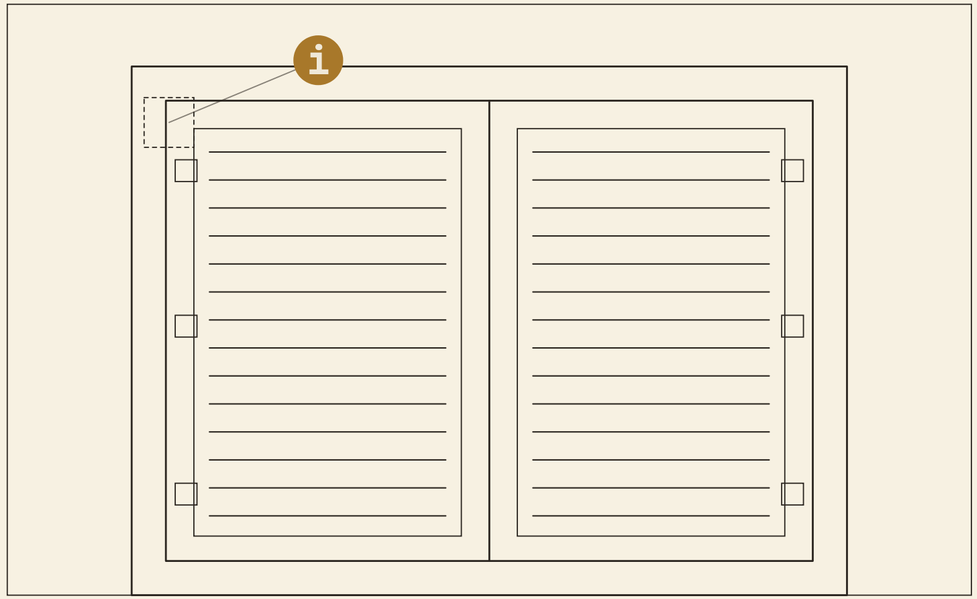
04

Install the shutter.

Hang the frame, set the panels, square and shim — the way you have always installed shutters.

Nothing about LiteLüvr changes this step. No tools, sequence, or fastener pattern is altered.

FIG. 04 · SHUTTER ELEVATION, HINGE-SIDE DETAIL



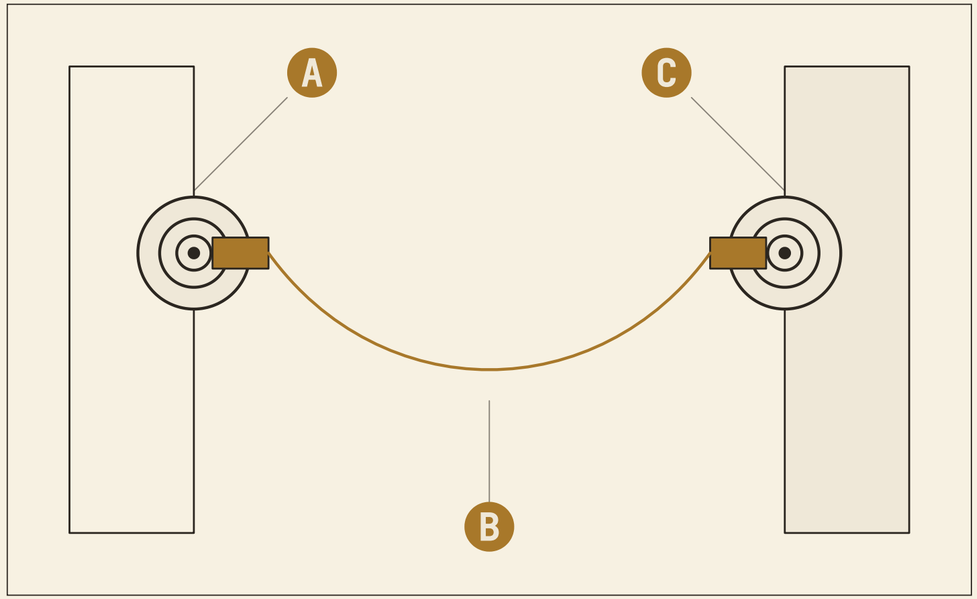
05

Bridge the connection.

Take the included jumper and connect one male barrel to the wall plate, the other to the top corner of the shutter panel.

Both ends are male. There is no orientation to get wrong.

FIG. 05 · INSIDE THE CAVITY, JUMPER INSTALLED

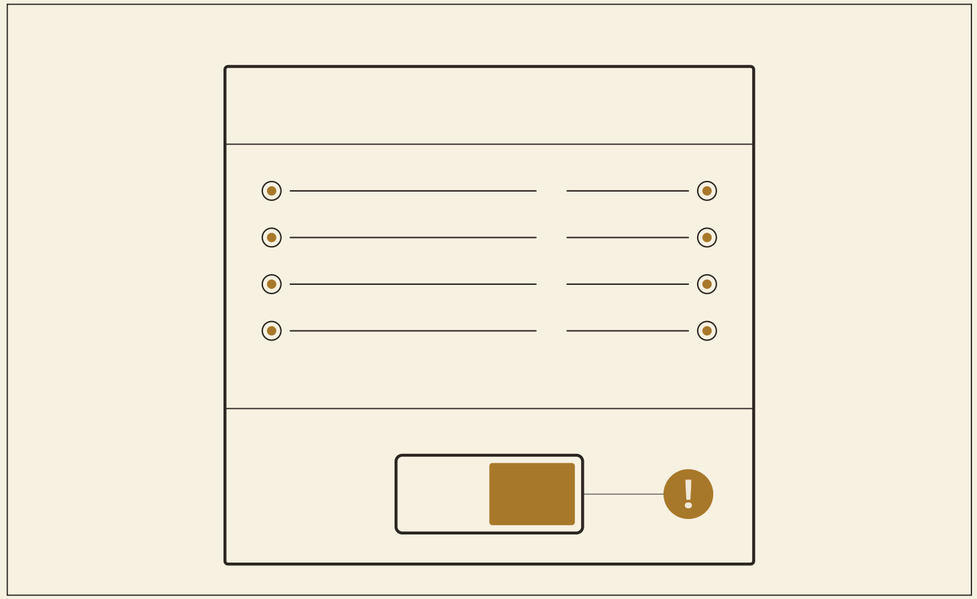


06

Switch on the power.

Back at the power distribution box, flip the master switch. Every connected shutter wakes at once.

FIG. 06 · POWER DISTRIBUTION, DETAIL

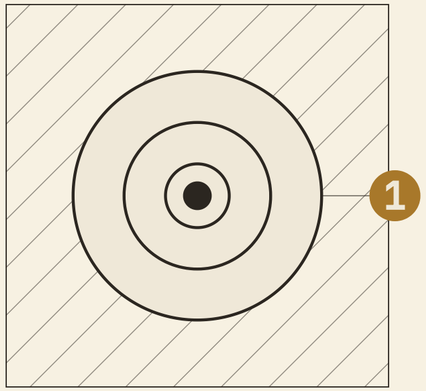


The whole connection, *up close.*

Three components, two clicks, no tools.
The jumper carries DC low voltage only.

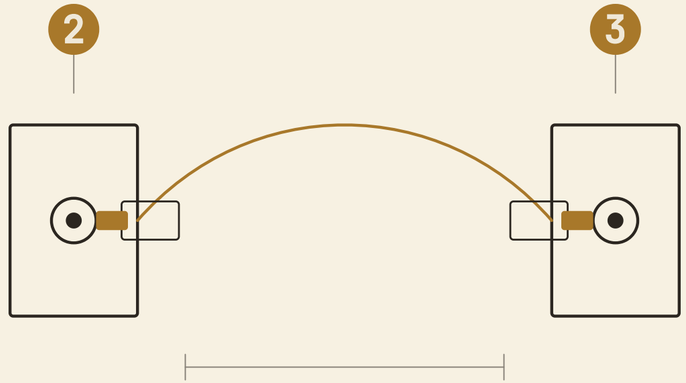
WALL PLATE · SOFFIT-MOUNT

Flush in the soffit. Just the barrel jack shows.



JUMPER + SHUTTER PORT

Plug, plug. The shutter is live.



For specifying and scheduling on a plan.

A short list of what to draw on the lighting plan and the millwork schedule.

i

Show the cable run on the lighting plan.

Treat each LiteLüvr run like a low-voltage drop — one home-run from the panel to the hinge-side soffit. No new symbols required.

ii

Coordinate the wall plate before the shutter.

The plate goes in during rough-in or trim, depending on the trade sequence. It must be set before the shutter installer arrives.

iii

Locate the box with the other low-voltage gear.

Alarm panel, structured-media enclosure, or AV closet. Reserve one duplex outlet and roughly the footprint of a security panel.

Six steps. *Start to switch-on.*

Step 01	Site the power box	Mount alongside the alarm panel, AV rack, or CCTV head-end. One outlet, one home.
Step 02	Run one cable per panel	
Step 03	Mount the wall plate	Inside the frame, within 4″ of the corner. Side-entry or top-entry — either works.
Step 04	Install the shutter normally	No process change. Hang the frame, set the panels, square and shim.
Step 05	Bridge the 8″ jumper	Wall plate to shutter port. Male / male, no orientation.
Step 06	Switch on the power	Every shutter wakes at once. No commissioning step.