



TOPSUND

Villa Lighting System

INDOOR EDITION

Most villas fail at lighting

Not because of bad fixtures
But because of bad systems

Most villa lighting is designed backwards

It starts with products.

Then tries to force them into spaces

Not with architecture

Not with life

Not with scenes

A villa is not one space

It is a sequence of environments

Living

Dining

Kitchen

Corridors

Bedrooms

Bathrooms

Terraces

Light is structure, not decoration

It is spatial structure

Decorative lighting adds attention

Architectural lighting adds order

In villas, order comes first

The three layers of villa lighting

Every high-end villa uses all three.
Without them, the space never feels designed

Architectural light

Defines the structure of the space. Walls, ceilings, volumes.

Functional light

Makes daily life comfortable.
Work, walk, see, use.

Atmosphere light

Creates mood and emotion.
Warmth, softness, contrast.

Why 48V track exists

Because villas need flexibility
without chaos.

A villa is never finished

- Rooms change
- Furniture moves
- Families grow
- Spaces are re-used

Traditional fixed lighting
cannot adapt without ceiling
damage.

48V magnetic track was created
to solve this problem.



What we actually provide

Not products

A complete villa lighting system

48V magnetic track infrastructure
Lighting module families
Driver & control integration
Scene-based dimming logic
On-site reconfiguration
Future upgrade compatibility

Clean ceilings
Precise light placement
No rewiring for changes
Long-term adaptability
Design continuity
Lower lifetime cost

System in
Chaos out

The villa lighting toolkit

Everything needed to build
a complete lighting system

Track system

48V magnetic track
Surface, recessed, suspended
Straight, corner, curve

Power & drivers

48V power supplies
DALI / Casambi / ZigBee drivers
Central & local power

Light modules

Spot modules
Linear modules
Wall washer modules
Downlight modules

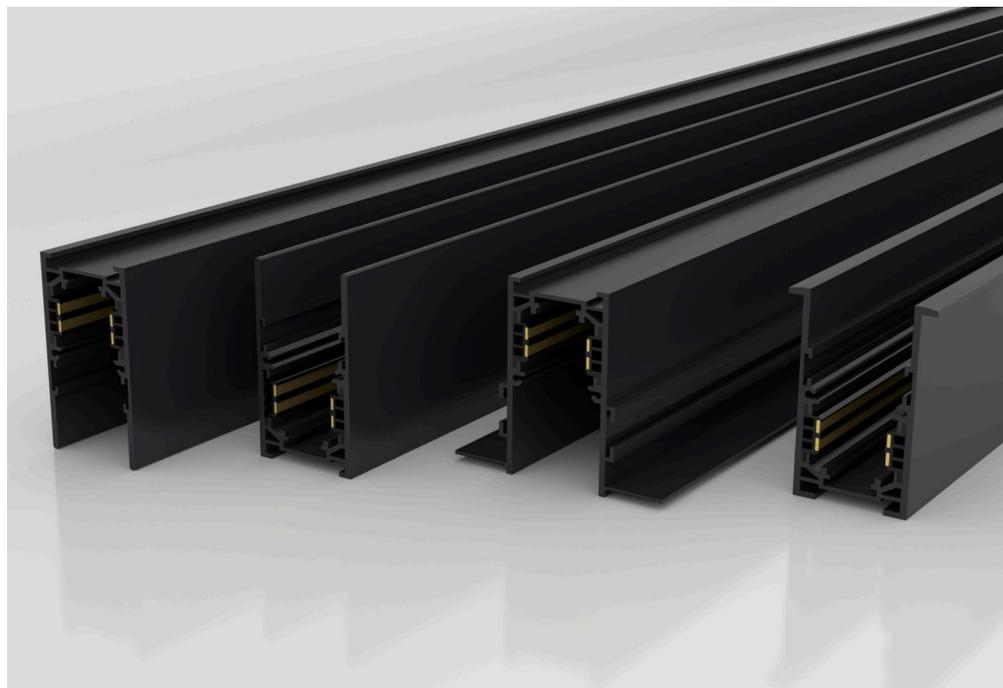
Control & dimming

DALI, KNX, Casambi
Wall panels & apps
Scene & automation

Track architecture

One system

Multiple installation methods.



Surface mounted

For solid concrete ceilings

Recessed trimless

For plasterboard and
architectural ceilings

Suspended

For open and double-height
spaces

Light Module Families

Each family serves a different lighting layer



Spot modules

Spot modules
Focused, directional light
Accent, task, artwork



Linear modules

Linear modules
Continuous, even light
General, functional, structure



Wall washer modules

Wall washer modules
Vertical, grazing light
Walls, textures, architecture

Scene & control layer

Light is not switched. It is orchestrated.

What scenes are

Scenes define how light behaves.
Not how a switch is wired

What they control

Each scene controls
brightness, color, and grouping
across all modules

DALI
KNX
Casambi
App & wall panels
Automation & schedules

Why it matters

One button changes
the entire atmosphere of a villa.

Real villa scenarios

One system.
Different spaces. One lighting logic

Living room

Kitchen

Master bedroom







Living Room Lighting

Kitchen lighting

Zoned lighting for kitchen environments

Task zone

Food preparation and work surfaces

Focused, shadow-free illumination required

Circulation zone

Walkways and general movement areas

Comfortable ambient lighting recommended

Accent zone

Shelves, cabinets and architectural details

Soft accent lighting enhances depth and materiality

Dry zones use standard 48V magnetic track modules

Moist areas near sinks require IP-rated downlights or spotlights where necessary

All fixtures operate within the same lighting control system







Bedroom lighting

Designed for rest, not attention

Indirect architectural light

Low-level functional light

Soft atmosphere light

No glare. No direct light on the bed
Light is placed around the space, not above the user

- Dimming down to very low levels
- Scene-based night / reading / wake-up modes
- Silent drivers and stable control



Bathroom lighting

Lighting designed by safety zones

Dry zone

Ceiling areas outside direct water exposure
Standard indoor fixtures can be used

Moist zone

Areas near washbasins and mirrors
IP44-rated fixtures recommended

Wet zone

Shower and bath areas
IP65-rated fixtures required

48V magnetic track systems are used only in
dry zones, outside direct water exposure

IP-rated downlights or spotlights are used
in moist and wet zones where required.





One villa

One lighting system

Designed as a whole, not assembled piece by piece

Architecture first

Light second

Control everywhere

Flexibility over time

- Track infrastructure
- Modular luminaires
- Power & drivers
- Control & scenes

- Clean architecture
- Adaptable layouts
- Predictable lighting behavior
- Long-term usability

A villa changes

The lighting system should not

The lighting infrastructure

The permanent layer of a villa lighting system

The track is not a fixture

It is the structural layer that defines how light can exist in the space

What the track defines

- Power distribution
- Module positioning
- Control topology
- Future expandability

- 48V low-voltage magnetic track
- Surface / recessed / suspended profiles
- Straight, corner, curved segments
- Continuous power and control bus

- Clean ceiling layouts
- Predictable light behavior
- No ceiling damage for changes
- Long-term system stability

Once the infrastructure is defined everything else becomes modular