

SMART HOME

HANDBOOK



Stilling
SINCE 1949

QUALITY
DRAPERY
HARDWARE
SINCE 1949



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AP 8901 / Electric roman blind with a battery-powered Somfy motor.

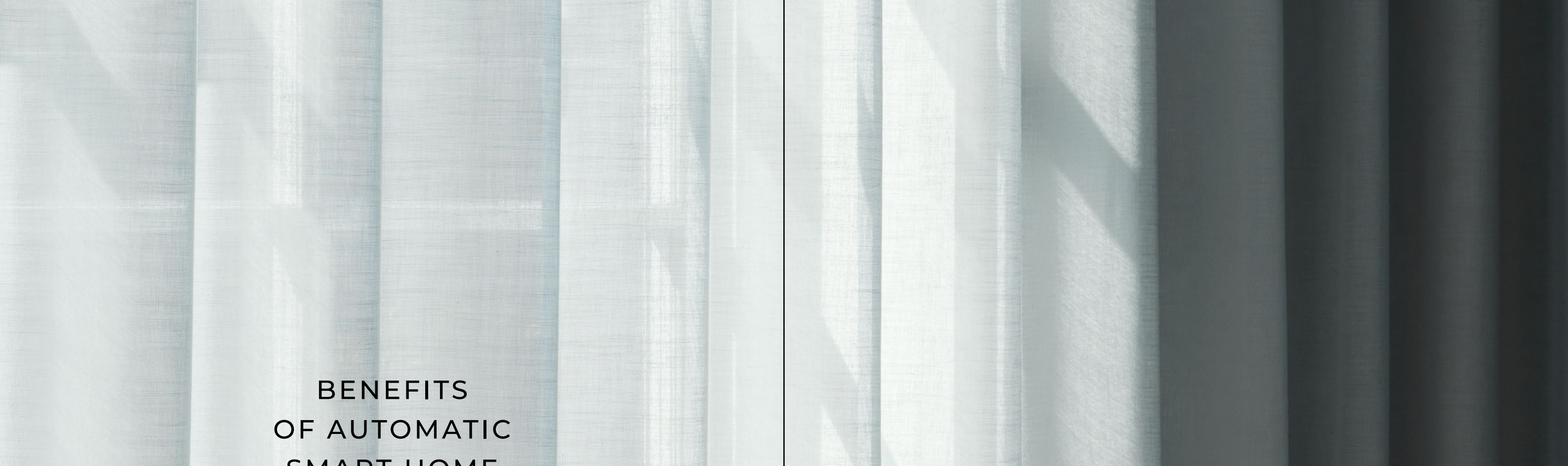
AN INTRODUCTION TO THE STILLING® SMART HOME ASSORTMENT

At Stilling, we have a strong ambition to deliver the best and most innovative curtain track solutions for any project. We design and manufacture the majority of our products in-house, partnering with top-tier suppliers to offer a comprehensive and cohesive product range that is competitive for both private customers and large construction projects.

By combining our expertise in curtain track solutions with the best motor technologies on the market, we can offer tailor-made solutions that meet all project needs and ensure optimal functionality.

INSIDE THIS HANDBOOK

This handbook provides guidance on our various electric products and their respective smart home systems. If you require further technical information about a specific solution, you can find it in our data sheets or consult our customer service.



BENEFITS OF AUTOMATIC SMART HOME CURTAINS

REDUCED HEAT LOSS

It has been scientifically documented that curtains can have a significant impact on energy savings in the home. According to a study published in Energy Efficiency, curtains can reduce heat loss from 9.5% and up to 38% under ideal conditions by creating a layer of still air, acting as insulation.

However, the energy-saving effect largely depends on the correct use of curtains. If the curtains are not used properly, the effect will be minimal.

OPTIMAL EFFECT WITH TIMERS AND SENSORS

With Stilling® electric curtain tracks connected to a smart home system, it is possible to set timers to ensure that the curtains are closed at night. This ensures maximum heat loss reduction during the coldest hours of the day.

For a more advanced setup, sensors can be used to control the curtains based on sunlight intensity or room temperature. In this way, the curtains can be set to respond to both high and low temperatures, reducing the energy used for heating and cooling.

INCREASED ACCESSIBILITY

Accessibility is a major concern in most construction projects, where larger window surfaces require effective sun shading solutions. Especially in public administration, there are demands for increased accessibility for people with reduced mobility and for the visually impaired. Here, both remote control and, particularly, voice control are powerful tools to make curtains accessible to all.

By connecting our electric curtain tracks to one of the most popular voice control services, such as Google Assistant or Siri, it is possible to operate the curtains with a simple voice command.

IMPROVED COMFORT AND GUEST EXPERIENCE

Stilling® electric curtain tracks can be operated via remote control, wall switch, smartphone app, or simply by pulling the curtain. This provides the flexibility to choose the control method that is most convenient in any given situation, while also making the curtains easier to use for guests in settings like hotels.

BENEFITS OF CURTAINLIGHT™ CURTAIN TRACKS

CREATE YOUR OWN ATMOSPHERE

Curtain tracks with integrated LED lighting from Stilling are the perfect solution for both private homes and commercial projects such as restaurants and hotels.

With the ability to adjust both brightness and color tone, you can create the ideal atmosphere, whether you want a warm and inviting light for a cozy evening at home or a bright and energetic light for a busy restaurant environment.

The lighting can easily be adapted to different moods and needs, making it a flexible solution that enhances the aesthetics of the space and ensures a pleasant experience.

PREVENTS THEFT & BURGLARY

With CURTAINLIGHT™ from Stilling, you get curtain tracks with built-in lighting that can be set with timers and sensors. This allows you to automatically turn the lights on and off at fixed times or based on movement in the room.

By simulating activity in the home, even when you're away, you can create the impression of occupancy, which can deter burglars. The integrated lighting provides a simple and effective way to increase home security.





MOTIONBLINDS

PRODUCT PRESENTATION

NEWEST GENERATION

Through our collaboration with the Dutch company Coulisse, we offer the latest generation of electric curtain tracks, built on a modern smart home ecosystem that is both easy to install, easy to use, and compatible with most smart home systems. Still produced in Denmark with the same dedication to great craftsmanship as the rest of our portfolio.

CONTROLLED BY BLUETOOTH®

With a Motionblinds curtain track, you can choose between several types of smart home control depending on your needs. If you only want to control your curtains while at home, you can operate them directly via your smartphone using the Motionblinds Bluetooth® app. If you also want to control the curtains when you're away from home, you can purchase a Wi-Fi Bridge, which allows you to operate the curtains from anywhere and set up simple automated routines.

BUILT-ON-THREAD

If you choose to use the new EVE Motionblinds motor for the Motionblinds track, which is built on the future-proof Thread protocol, this opens up new smart home integrations. This means that the curtain track can be integrated directly with systems like Apple HomeKit and Google Home without needing a separate hub.



Motionblinds wired motor (CM-35)
Motionblinds battery motor (CM-36)

433 MHz



Eve Motionblinds battery motor (CM-36-E)
CONNECTS DIRECTLY WITH APPLE HOMEKIT, GOOGLE HOME & OTHERS.

433 MHz



SMART HOME INTEGRATION

With a Thread-compatible curtain track, your curtain track becomes part of the open ecosystem, Matter, which is an alliance of hundreds of smart home equipment manufacturers, including Google, Apple, Samsung, Amazon, and more. As a result, your curtain track can seamlessly integrate with the most common smart home systems while also using input from other Matter devices, such as sensors, to create true home automation.

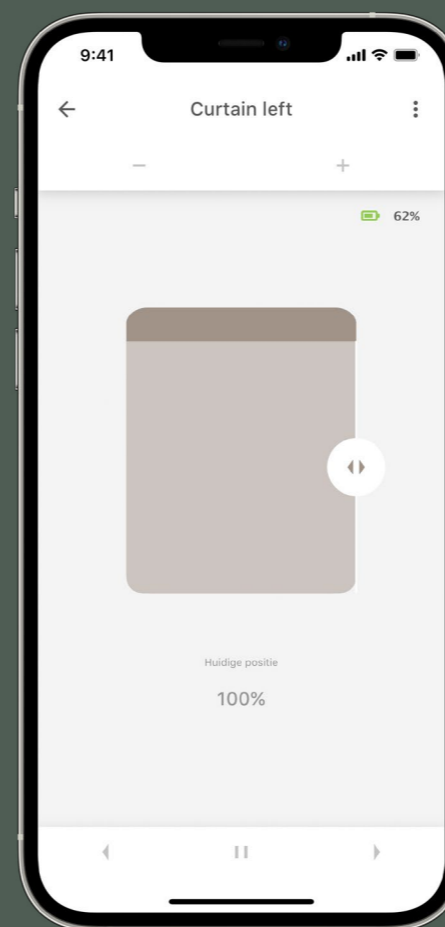
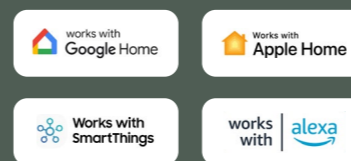
WIRED OR RECHARGEABLE BATTERY

The Motionblinds track from Coulisse is available with both a wired motor and a rechargeable battery motor. While the wired motor must be connected by an electrician, the battery motor can be installed without any additional electrical work.

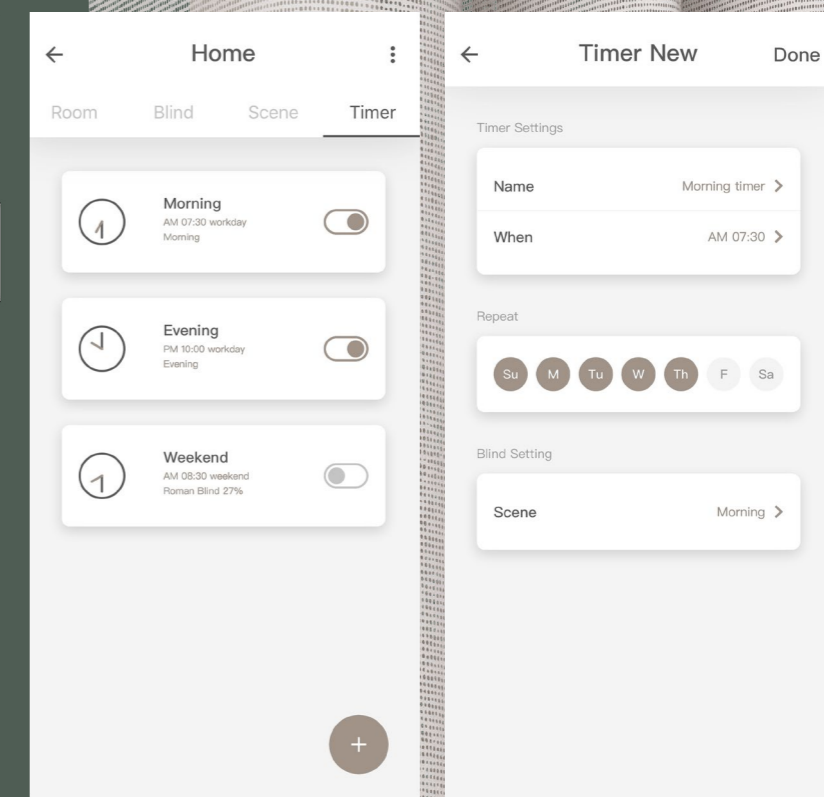
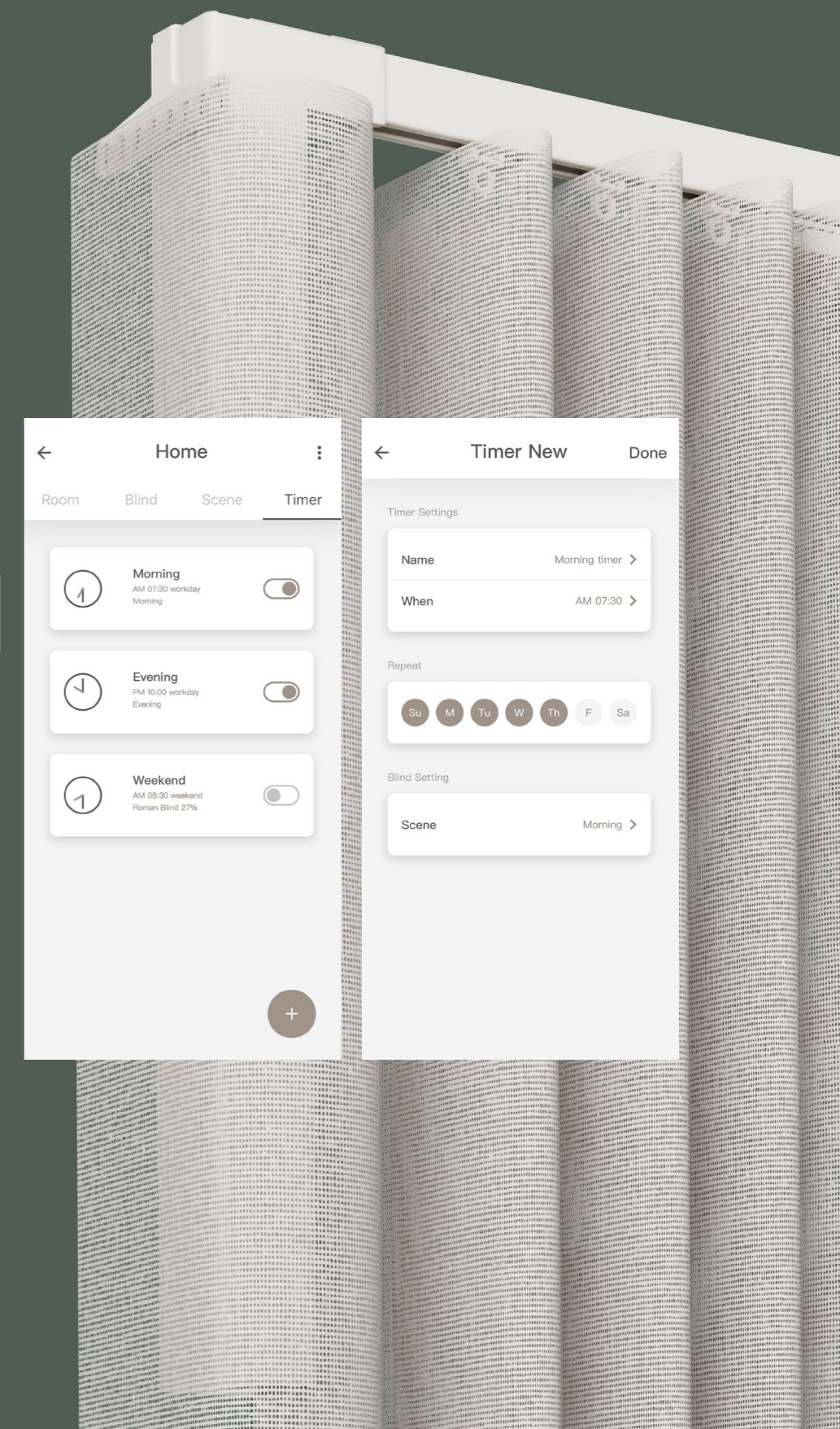
TOUCH MOTION

All curtain tracks with Motionblinds motors can, of course, be operated via remote control (433 MHz) or manually by pulling the curtain, which activates the electric motor, a feature known as Touch Motion.

SMART HOME & VOICE CONTROL



COULISSE



GLYDEA

PRODUCT PRESENTATION

A COMPLETE ASSORTMENT

Somfy invented their first curtain motor in 1969 and has since become our longest-standing partner in motorization. Therefore, we offer Somfy motors across our product range for both curtain tracks, blinds, and lift systems.

SOMFY TAHOMA®

While the Motionblinds system is more designed to integrate into existing smart home systems through an open protocol, Somfy's system is built around their own smart home hub, TaHoma®. With a TaHoma® hub, it is possible to control your curtains from anywhere in the world, set up scheduling, and coordinate scenarios that are activated by a command or based on input from, for example, a sunlight sensor.

LIGHT, SOUND, AND CURTAINS

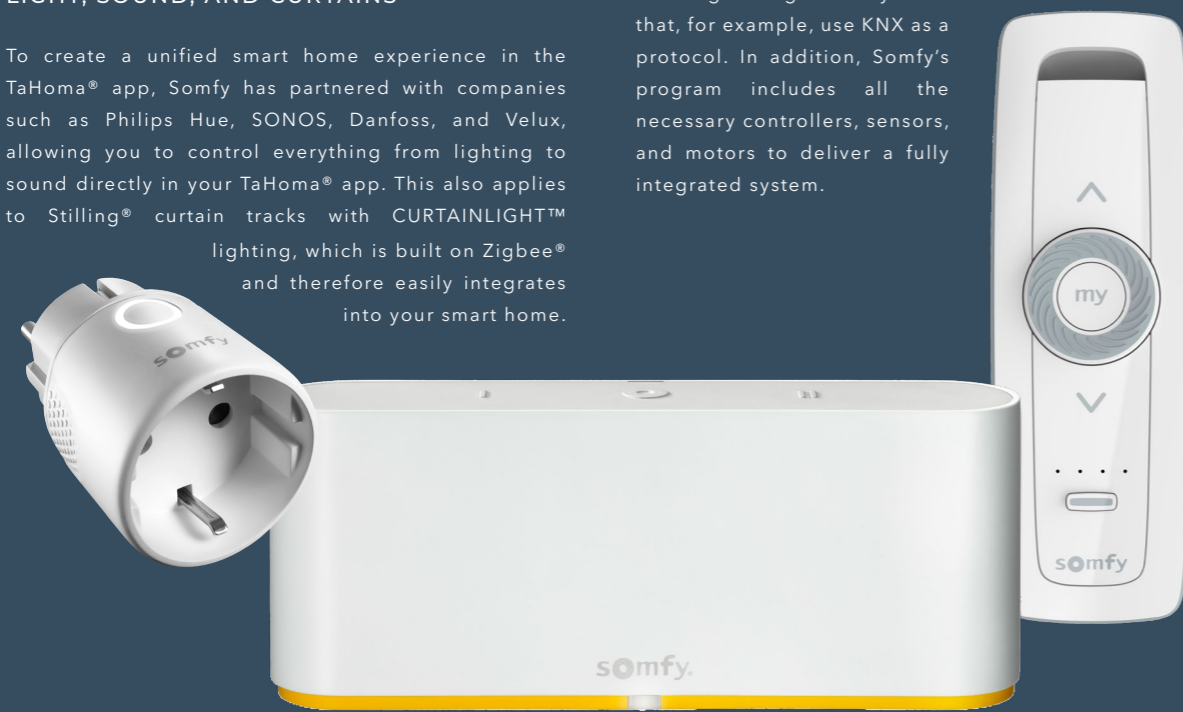
To create a unified smart home experience in the TaHoma® app, Somfy has partnered with companies such as Philips Hue, SONOS, Danfoss, and Velux, allowing you to control everything from lighting to sound directly in your TaHoma® app. This also applies to Stilling® curtain tracks with CURTAINLIGHT™ lighting, which is built on Zigbee® and therefore easily integrates into your smart home.

AUTOMATION

By connecting a light sensor, you can automatically activate your curtains if the lighting becomes too intense. Similarly, a temperature sensor can be set to activate the curtains if the temperature either exceeds or falls below a certain value. This helps, for example, to improve the indoor climate and saves energy for both heating and cooling. Connecting a door or motion sensor can activate both curtains and lighting, allowing them to automatically adjust to the routines or activities in the home.

IDEAL FOR THE CONTRACT MARKET

Our motor program from Somfy includes not only wireless motors but also a range of switch-controlled motors of the WT and DCT types, which are often used in the contract market for integration into façade or building management systems that, for example, use KNX as a protocol. In addition, Somfy's program includes all the necessary controllers, sensors, and motors to deliver a fully integrated system.



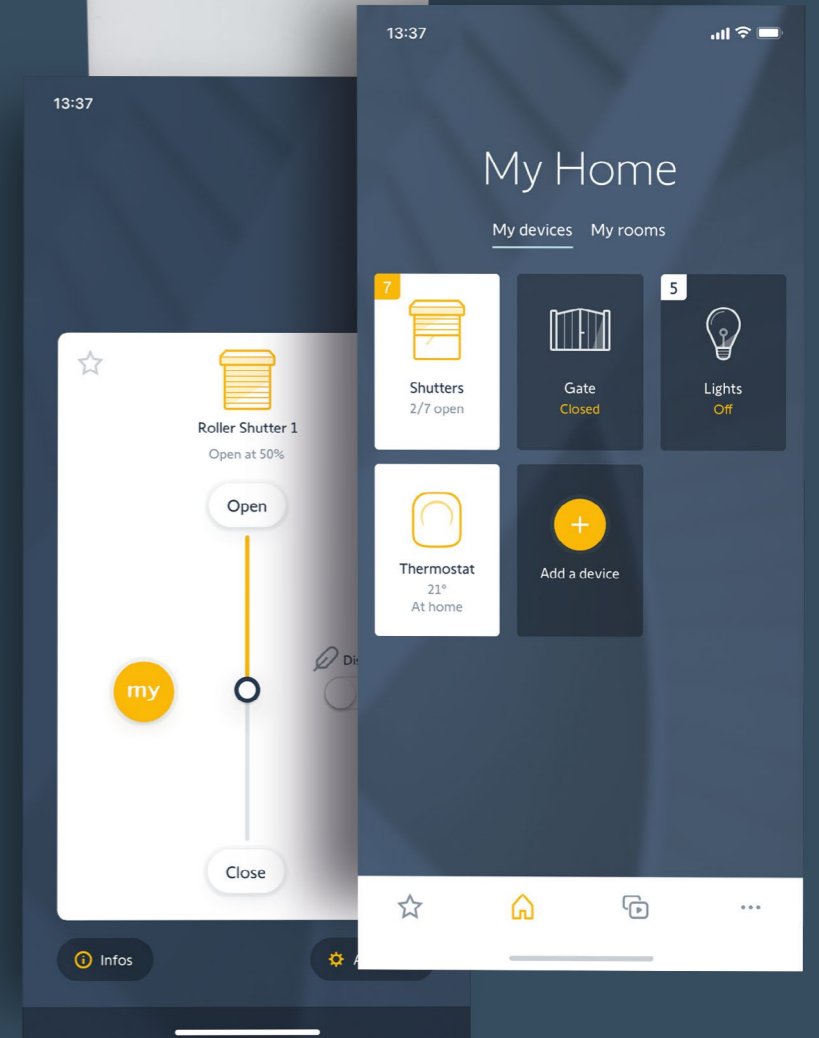
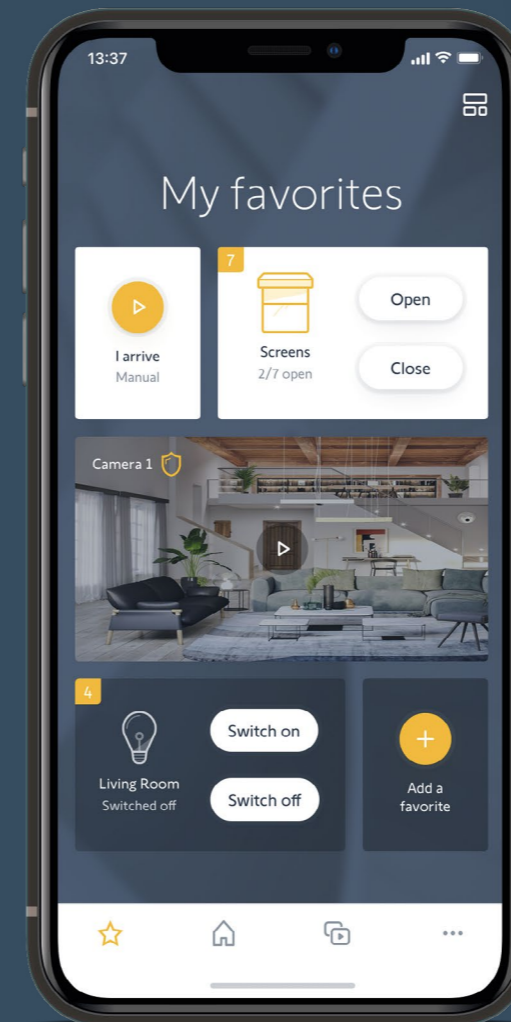
Somfy Movelite Wirefree battery motor

RTS

Somfy Movelite wired motor
Somfy GLYDEA Ultra wired motor

WT DCT RTS

SMART HOME & VOICE CONTROL



Temperature Sensor

Light Sensor

Motion Sensor

Camera

Door Sensor

CURTAINLIGHT™

PRODUCT PRESENTATION

AMBIENT LIGHTING FOR CURTAIN TRACKS

CURTAINLIGHT™ is an exclusive LED system, specially designed for integration into curtain tracks developed by Stilling®. By integrating LED lighting into the curtain tracks, an ambient light source is added to the room, casting a soft and indirect light over the fabric. The result is an atmospheric background lighting that enhances the texture of the curtains.

DIM & ADJUST THE TONE

With a Stilling® curtain track featuring CURTAINLIGHT™, you can not only turn the integrated LED lighting on and off, but it can also be dimmed continuously and adjusted from cool to warm light to achieve the perfect lighting at any time of day.

BUILT-ON-ZIGBEE®

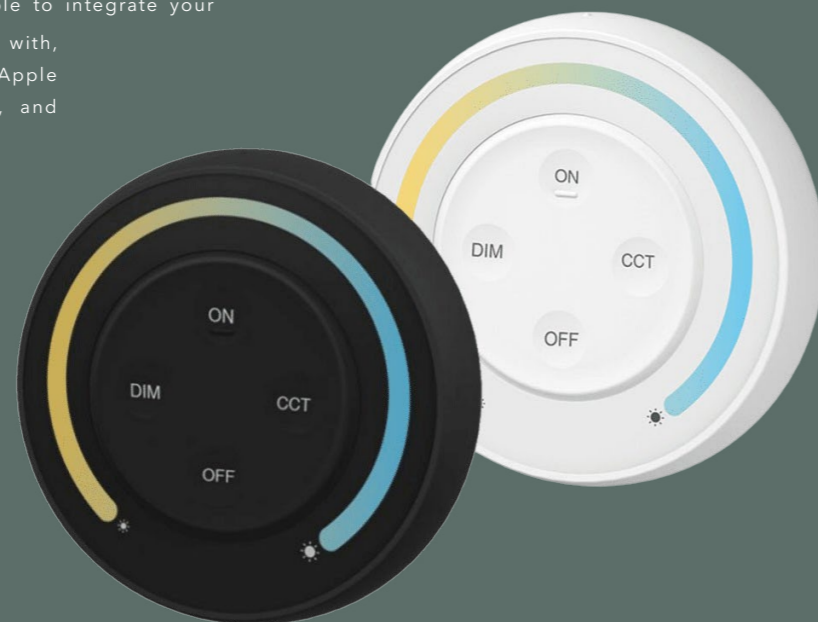
The fully integrated LED system is controlled either via an architectural swipe remote control or through a smartphone via a Zigbee®-compatible gateway, such as Philips Hue or Somfy TaHoma®. By adding a gateway, it also becomes possible to integrate your CURTAINLIGHT™ curtain track with, among others, Google Home, Apple HomeKit, Samsung SmartThings, and Amazon Alexa.

SMART HOME FEATURES

By connecting Stilling's CURTAINLIGHT™ curtain tracks to a smart home system, you can set up your lighting for, for example, a cozy movie night, create fixed routines, and control them via voice commands from Google Assistant and Amazon Alexa. The integration with Somfy TaHoma® also means that you can use all Somfy accessories, such as light and temperature sensors, to make your CURTAINLIGHT™ tracks even more intelligent.

ALL IN ONE

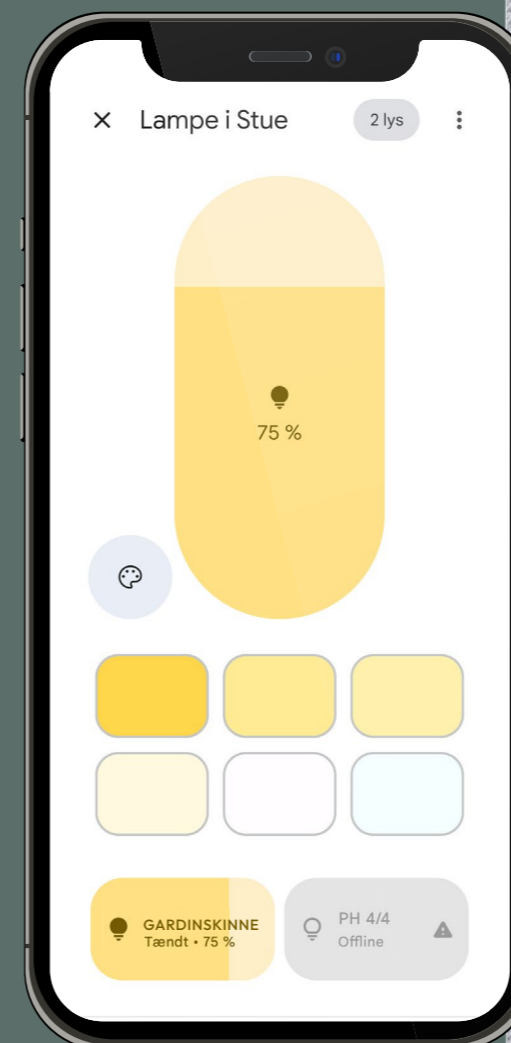
If you have curtain tracks or sun shading with Somfy motors, you can control both your electric curtain tracks and the lighting in your CURTAINLIGHT™ curtain tracks with Somfy's TaHoma® smart home hub.



POPULAR GATEWAYS



SMART HOME & VOICE CONTROL



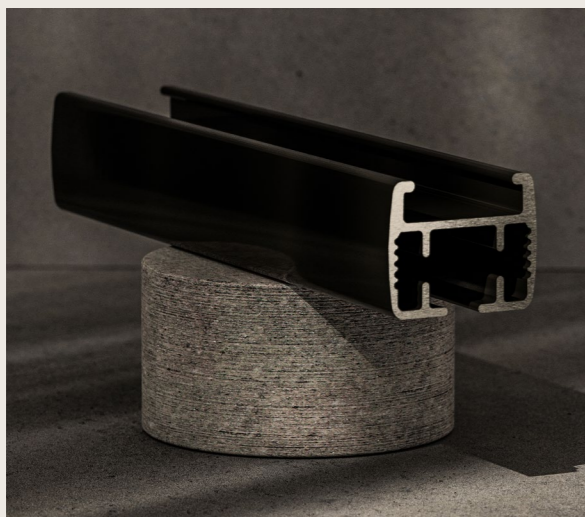


THE FIRST
CURTAIN TRACK
MADE WITH INTEGRATED
LED LIGHTING

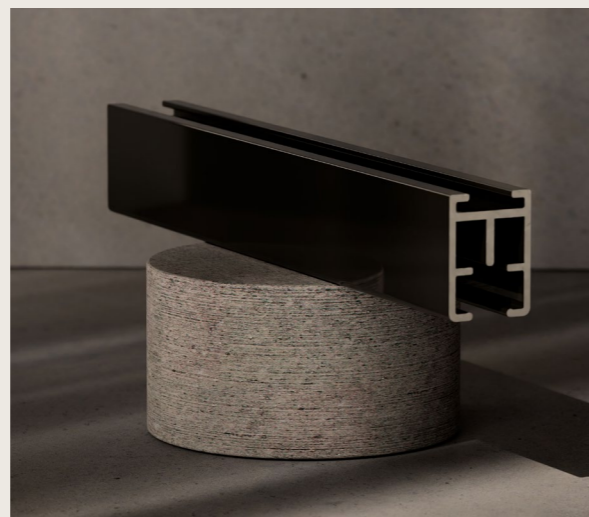
Stilling was the first to produce curtain tracks with integrated ambient LED lighting. The idea came from one of the current owners, Rasmus Stilling-Schütz, who thought that people should be able to enjoy the sight of their new curtains all day, not just in daylight. He therefore bought LED strips at his local hardware store, which he glued into the track, thus creating the first prototype.

AP 1170 / Made from at least 75% recycled post-consumer aluminum.

OUR ELECTRIC CURTAIN TRACKS



GLYDEA



MOTIONBLINDS



HS 2800M



HS 4000M

SUITABLE FOR

	SOMFY MOTORS	COULISSE MOTORS	STILLING® MOTORS
GLYDEA	•		•
MOTIONBLINDS		•	•
HS 2800M	•	•	•
HS 4000M	•		•
Touch Motion	•	•	•
Remote Control	•	•	•
Switch Control	•		•
App Control	•	•	
Google Home	•	•	
Amazon Alexa	•	•	
Apple Homekit		•	

OUR ELECTRIC WINDOW TREATMENTS



AP 8901 Roman Blinds

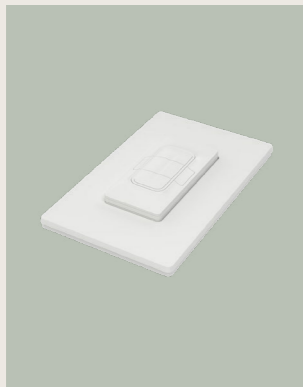


ZENITH™ Venetian Blind

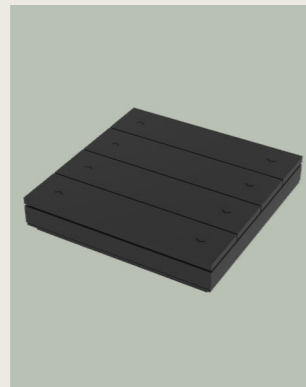
SUITABLE FOR

	SOMFY MOTORS	COULISSE MOTORS
AP 8901 Roman Shade	•	•
ZENITH™ Venetian Blind	•	•
Remote Control	•	•
Switch Control	•	
App Control	•	•
Google Home	•	•
Amazon Alexa	•	•
Apple Homekit		•

CONTROL UNITS



1-channel wall remote (CM-15)



4-channel wall remote (CM-16)



1-channel remote (CM-11)



5-channel remote (CM-12)



15-channel remote (CM-16)



Wi-Fi Bridge (CM-20)



Wi-Fi Mini Bridge (CMD-01)



1-channel scroll remote (1870404)



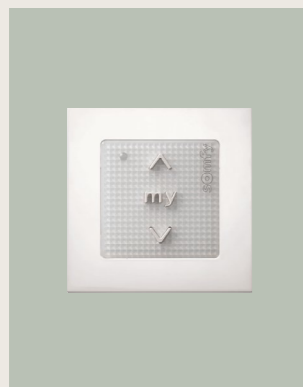
5-channel scroll remote (1870420)



1-channel scroll remote (1811608)



5-channel scroll remote (1811610)



1-channel wall remote (1811011)



16-channel remote (1811021)



TaHoma® Smart Home Hub





Electric ZENITH™ blind with a battery-powered Somfy motor.



OUR CURTAIN MOTORS

SOMFY GLYDEA ULTRA (35 & 60 KG)

WT DCT RTS



Power supply
100 - 240V ~ 50/60 Hz

Max. load
35 or 60 kg

Linear speed
12.45 cm/s - 19.96 cm/s
(7.49 cm/s in silent mode)

Sound level
38.0 dBA'

Rated torque
1.0 nm

Soft start/stop
Yes

Touch motion
Yes

Adjustable speed
Yes

Colour
Silver

Power usage
60W

Wired options
DCT (Dry Contact)
WT (Wired)

Wireless protocol
Somfy RTS
(Radio Technology)

Smart Home
Somfy TaHoma®

SOMFY MOVELITE (35 KG)

WT RTS



Power supply
100 - 240V ~ 50/60 Hz

Max. load
35 kg

Linear speed
15.0 cm/s

Sound level
40.6 dBA

Rated torque
0.6 nm

Soft start/stop
No

Touch motion
Yes (DCT / RTS)

Adjustable speed
No

Colour
White

Wired options
DCT (Dry Contact)
WT (Wired)

Wireless protocol
Somfy RTS
(Radio Technology)

Smart Home
Somfy TaHoma®

SOMFY MOVELITE WIREFREE (35 KG)

RTS



Power supply
14.8V/2000 mAh battery

Max. load
35 kg

Linear speed
15.0 cm/s

Sound level
40.6 dBA

Rated torque
0.6 nm

Soft start/stop
No

Touch motion
Yes

Adjustable speed
No

Colour
White

Charger
100 - 240V AC ~ 50/60 Hz

Charging time
<9 hours

Wired options
No

Wireless protocol
Somfy RTS
(Radio Technology)

Smart Home
Somfy TaHoma®

OUR CURTAIN MOTORS

COULISSE MOTIONBLINDS WIRED CM-35 (25 KG)

433 MHz



Power supply
120 - 230V ~ 50/60 Hz

Max. load
25 kg

Linear speed
20.0 cm/s

Rated torque
0.8 nm

Soft start/stop
No

Touch motion
Yes

Adjustable speed
No

Colour
White

Wired options
No

Wireless protocol
433 Mhz (remote)
Bluetooth® (app)

Smart Home
Motionblinds Bridge

COULISSE MOTIONBLINDS BATTERY CM-36 (25 KG)

433 MHz



Power supply
14.8V/2600 mAh battery

Max. load
25 kg

Linear speed
20.0 cm/s

Rated torque
1.2 nm

Soft start/stop
No

Touch motion
Yes

Adjustable speed
No

Colour
White

Charger
USB-C 5V

Charging time
8-10 hours

Wired options
No

Wireless protocol
433 Mhz (remote)
Bluetooth® (app)

Smart Home
Motionblinds Bridge

COULISSE EVE MOTIONBLINDS BATTERY CM-36-E (25 KG)

433 MHz



Power supply
14.8V/2600 mAh battery

Max. load
25 kg

Linear speed
20.0 cm/s

Rated torque
1.2 nm

Soft start/stop
No

Touch motion
Yes

Adjustable speed
No

Colour
White

Charger
USB-C 5V

Charging time
8-10 hours

Wired options
No

Wireless protocol
433 Mhz (remote)
Bluetooth®
Matter
Thread

Smart Home
Apple Homekit
Google Home
Amazon Alexa

OUR CURTAIN MOTORS

AP 7975 MOTOR (60 KG)

433 MHz



Power supply
100 - 240V ~ 50/60 Hz

Max. load
60 kg

Linear speed
14.0 cm/s

Sound level
<40.0 dBA

Rated torque
1.5 nm

Soft start/stop
No

Touch motion
Yes

Adjustable speed
No

Colour
White

Power usage
65W

Wired options
DCT (Dry Contact)
WT (Wired)

Wireless protocol
Radio Technology

Smart Home
No

AP 7975BA WIREFREE MOTOR (60 KG)

433 MHz



Power supply
14.8V/5200 mAh battery

Max. load
60 kg

Linear speed
14.0 cm/s

Sound level
<40.0 dBA

Rated torque
1.5 nm

Soft start/stop
No

Touch motion
Yes

Adjustable speed
No

Colour
White

Charger
100 - 240V AC ~ 50/60 Hz

Wired options
No

Wireless protocol
Radio Technology

Smart Home
No

AP 7995 MOTOR (95 KG)

433 MHz



Power supply
100 - 240V ~ 50/60 Hz

Max. load
90 kg

Linear speed
16.0 cm/s

Sound level
<40.0 dBA

Rated torque
1.0 nm

Soft start/stop
No

Touch motion
Yes

Adjustable speed
No

Colour
White

Power usage
96W

Wired options
DCT (Dry Contact)
WT (Wired)

Wireless protocol
Radio Technology

Smart Home
No

OUR WINDOW TREATMENT MOTORS

SOMFY TILT & LIFT 25 RTS

WT RTS



Power supply
9-16.5V DC
12V/2600 mAh battery

Linear speed
30±1 rpm

Rated torque
0.8 nm

Suitable for
Roman Blinds
Venetian Blinds

Soft start/stop
No

Touch motion
No

Adjustable speed
Yes

Colour
White

Wired options
DCT (Dry Contact)
WT (Wired)

Wireless protocol
Somfy RTS
(Radio Technology)

Smart Home
Somfy TaHoma®

SOMFY LW2583

WT RTS



Power supply
21-27V DC

Linear speed
30±1 rpm

Rated torque
0.8 nm

Suitable for
Roman Blinds
Venetian Blinds

Soft start/stop
No

Touch motion
No

Adjustable speed
No

Colour
White

Wired options
DCT (Dry Contact)
WT (Wired)

Wireless protocol
Somfy RTS (external)
(Radio Technology)

Smart Home
Somfy TaHoma®

IN SHORT

12 WAYS TO MAKE THE MOST OF YOUR SMART HOME CURTAINS

1

AUTOMATION

Curtains can be opened and closed automatically based on time of day, sunrise, or sunset.

4

VOICE CONTROL

Use your favourite voice assistant to operate your curtains through a simple voice command.

7

ACCESSIBILITY

Make the home more accessible for, among others, the elderly by eliminating the need for manual operation of the curtains.

10

SCHEDULES

Create specific schedules for the opening and closing of the curtains to fit your daily routine.

2

ENERGY SAVING

Curtains can be adjusted to reduce heat penetration in the summer and retain warmth in the winter.

5

ADJUSTABILITY

You can precisely set how much the curtains should open or close to achieve the desired light level.

8

SAFETY

By programming the curtains to open and close when you're not home, you can make the house appear occupied.

11

NATURAL WAKING

The curtains can close automatically at bedtime and open gradually to wake you with natural sunlight.

3

REMOTE CONTROL

You can operate the curtains from anywhere via a smartphone app.

6

PRIVACY

Curtains can be programmed to close automatically in the evening, giving you full privacy.

9

INTEGRATION

Curtains can be integrated with smart lighting, thermostats, and security systems for a fully automated home.

12

WEATHER-BASED CONTROL

Curtains can be automated to close during strong sunlight or bad weather, protecting furniture and interiors.





NEED SMART HOME GUIDANCE?

Do you need help choosing the right smart home solution for your project? At Stilling, our skilled technical staff are ready to assist you. Whether you have questions about products, installation, or integration with other smart home systems, our customer service team can help you find the optimal solution.

We also offer personalized guidance for specific projects, where we work with you to ensure that the curtain track solutions perfectly match your needs and the project's specifications.



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