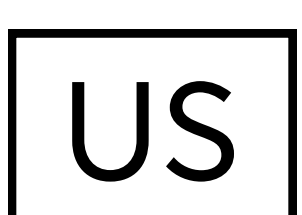


E-Book: Lighting



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LOXONE

E-Book Lighting

03 Smart lighting

04 Loxone lighting products

05 Supported technologies

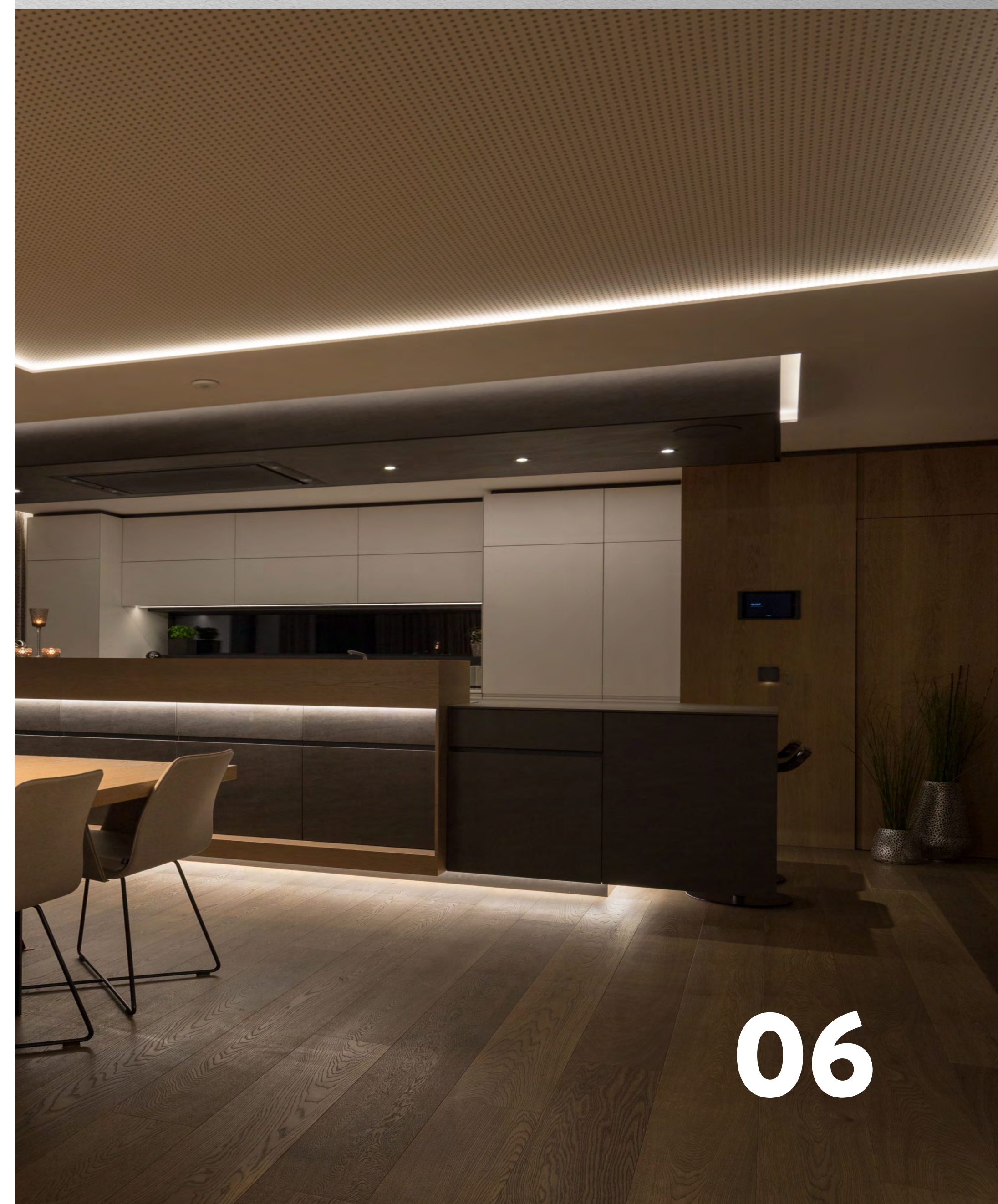
06 Lighting design

08 Control & switches

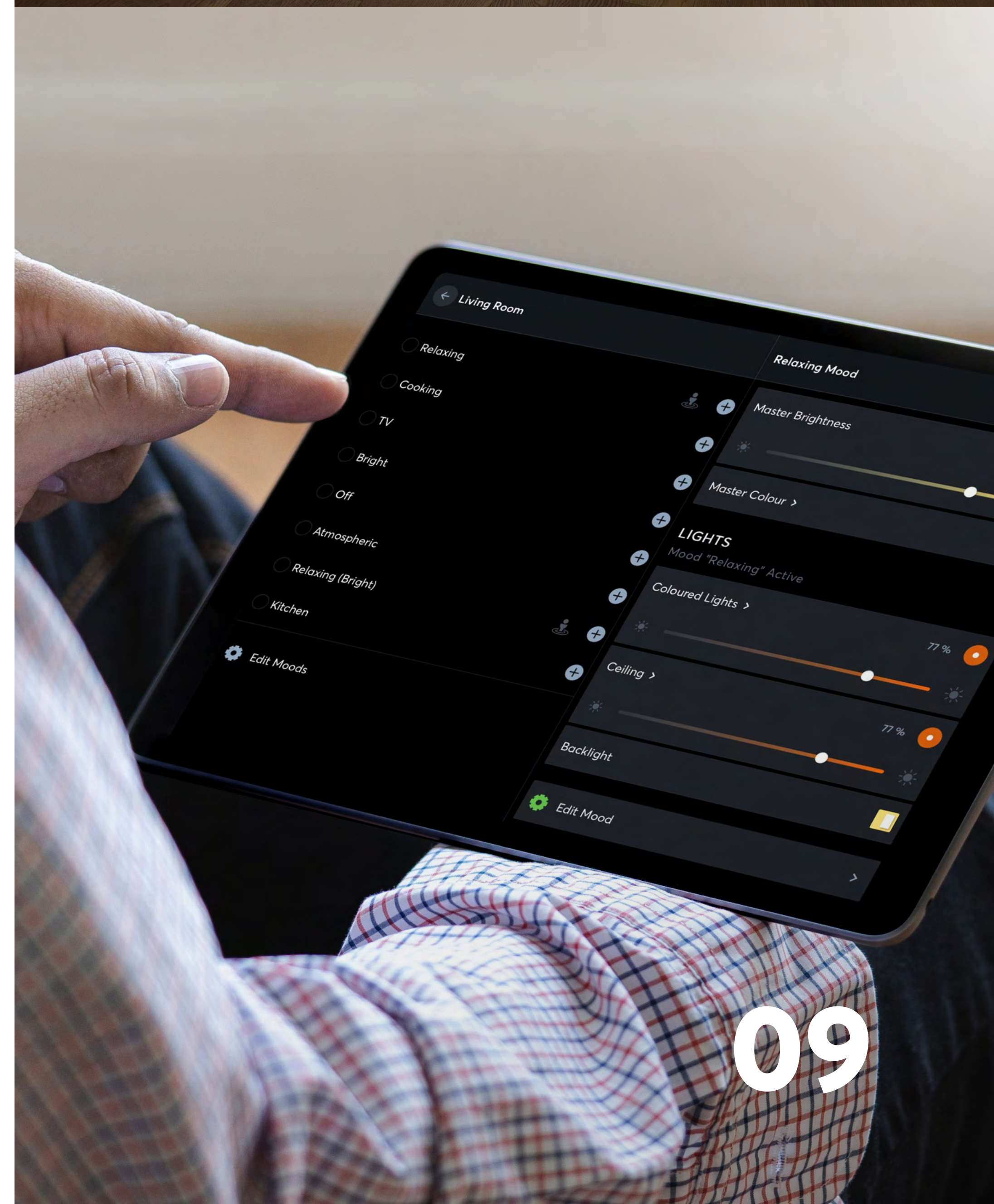
09 App & remote control



04



06



09



Smart lighting

The conventional light bulb, which can be switched only on and off, is very limiting when compared to modern technology. The possibilities of modern lighting go way farther today than even just a few years ago.

Modern lighting technology allows you to adapt any room to become specifically suited to your customers' needs, which can significantly increase their comfort levels. With the ability to adjust brightness, color or even the temperature of light – *the possibilities are endless.*

Loxone creates products that are easy to plan and convenient to both install and control. We offer a wide range of specially developed, low-voltage lighting products that will fulfill just about any requirements from your customers.

① **RGBW 24V Dimmer (Air/Tree)**

Smoothly dim 24V lights such as LED Spots or LED Strips.

② **RGBW 24V Compact Dimmer (Air/Tree)**

The compact version of the dimmer has been specially developed for local use.

③ **LED Ceiling Light RGBW (Tree)**

An all-around ceiling light that even includes a built-in motion sensor.

④ **LED Spot RGBW (Tree)**

⑤ **LED Spot WW (PWM)**

⑥ **RGBW LED Strip**

Add unique, customizable color accents to any project with RGBW lighting.

⑦ **LED Pendulum Slim (Tree/PWM)**

A beautiful pendant luminaire for any setting that combines direct light and diffused color. Like all Loxone lighting products, the LED Pendulum Slim can also be smoothly dimmed.



Supported technologies

The most common lighting technologies include

- ▶ High & low voltage LED
- ▶ BUS-controlled lights by DALI or DMX
- ▶ 0-10V electronic ballasts
- ▶ Third-party light fixtures, which can be controlled through phased dimming

Control almost any type of light with Loxone using these

Extensions and supported interfaces:



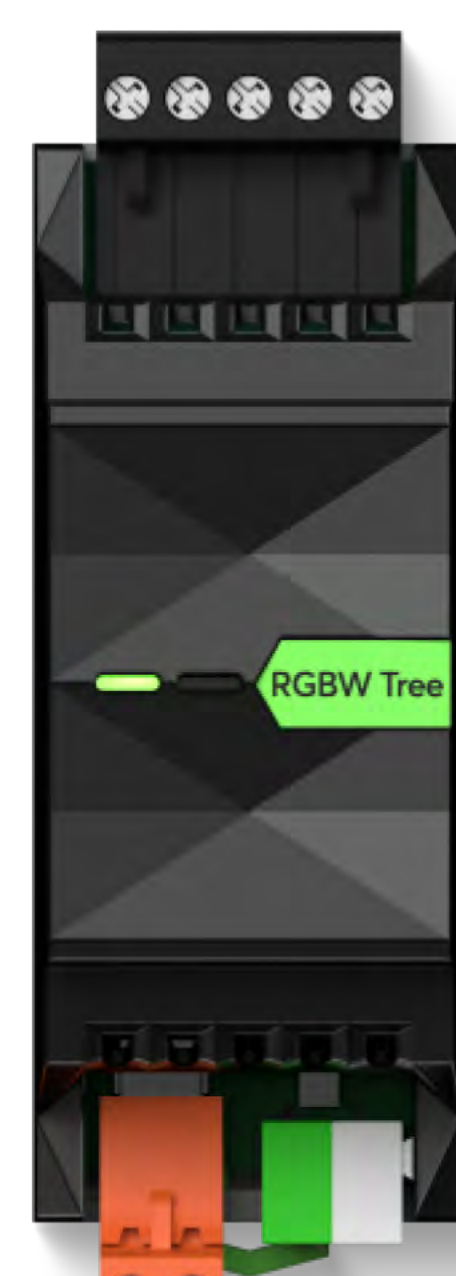
① DALI Extension



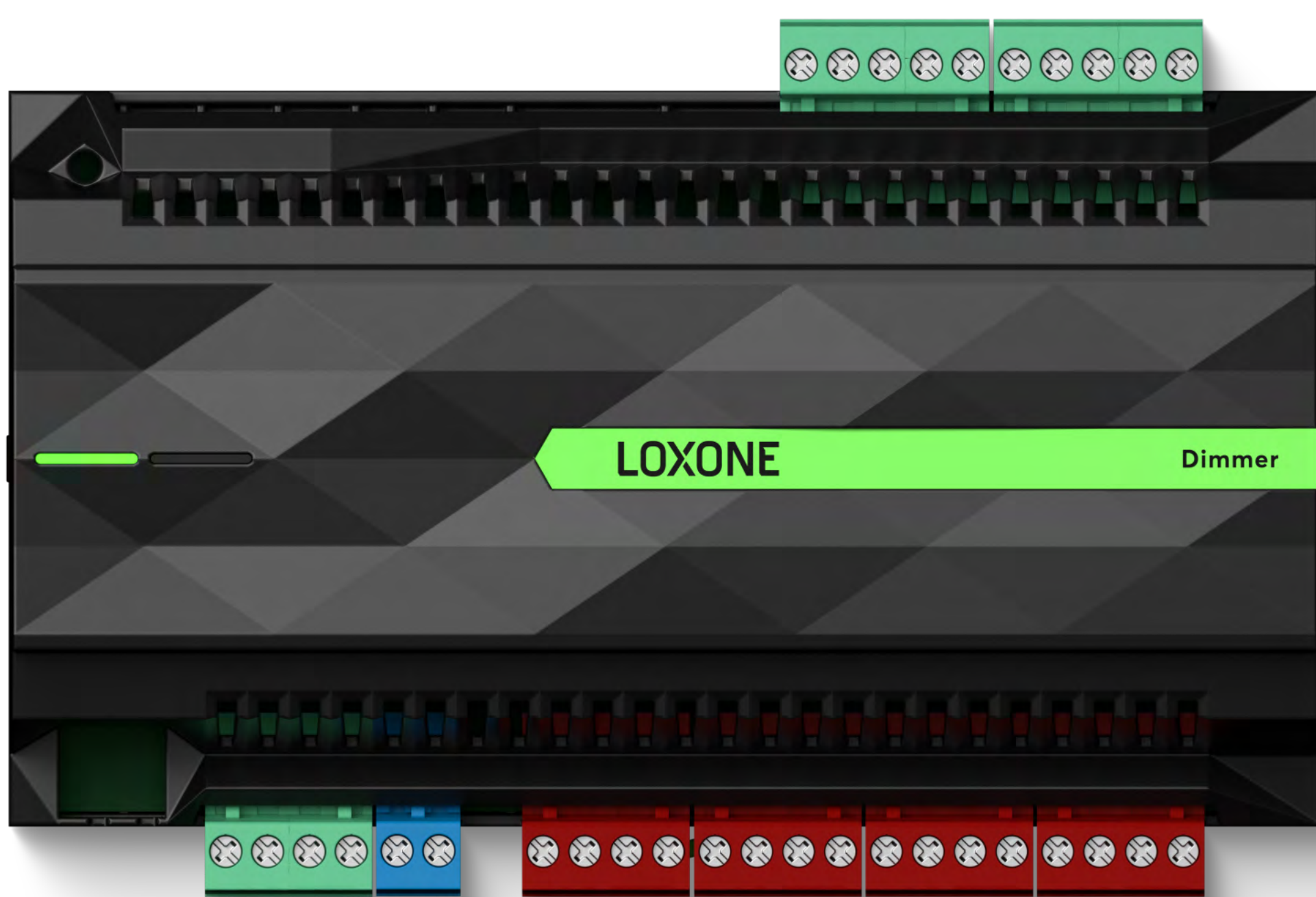
② DMX Extension



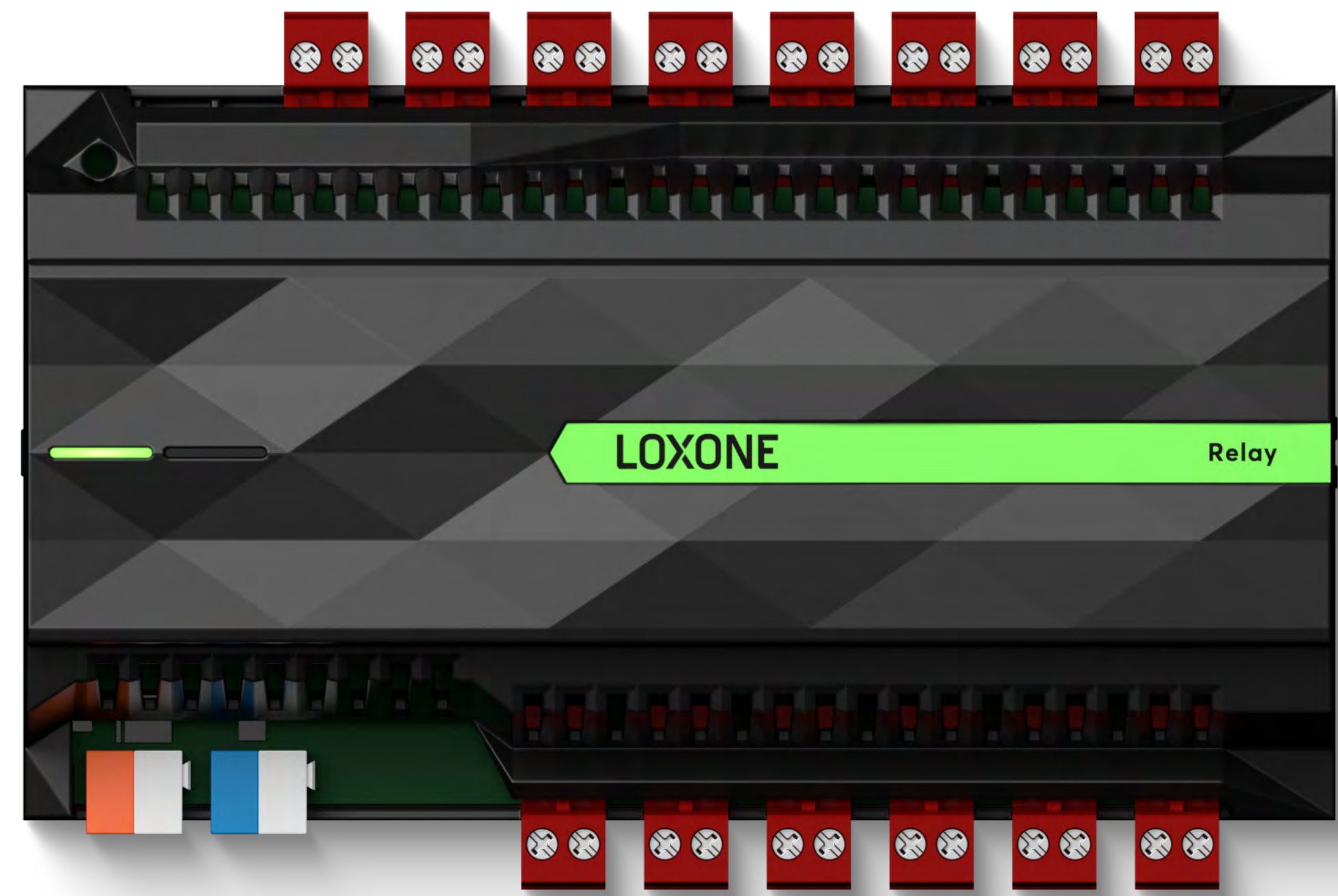
③ AO Extension (0-10V)



④ RGBW 24V Dimmer

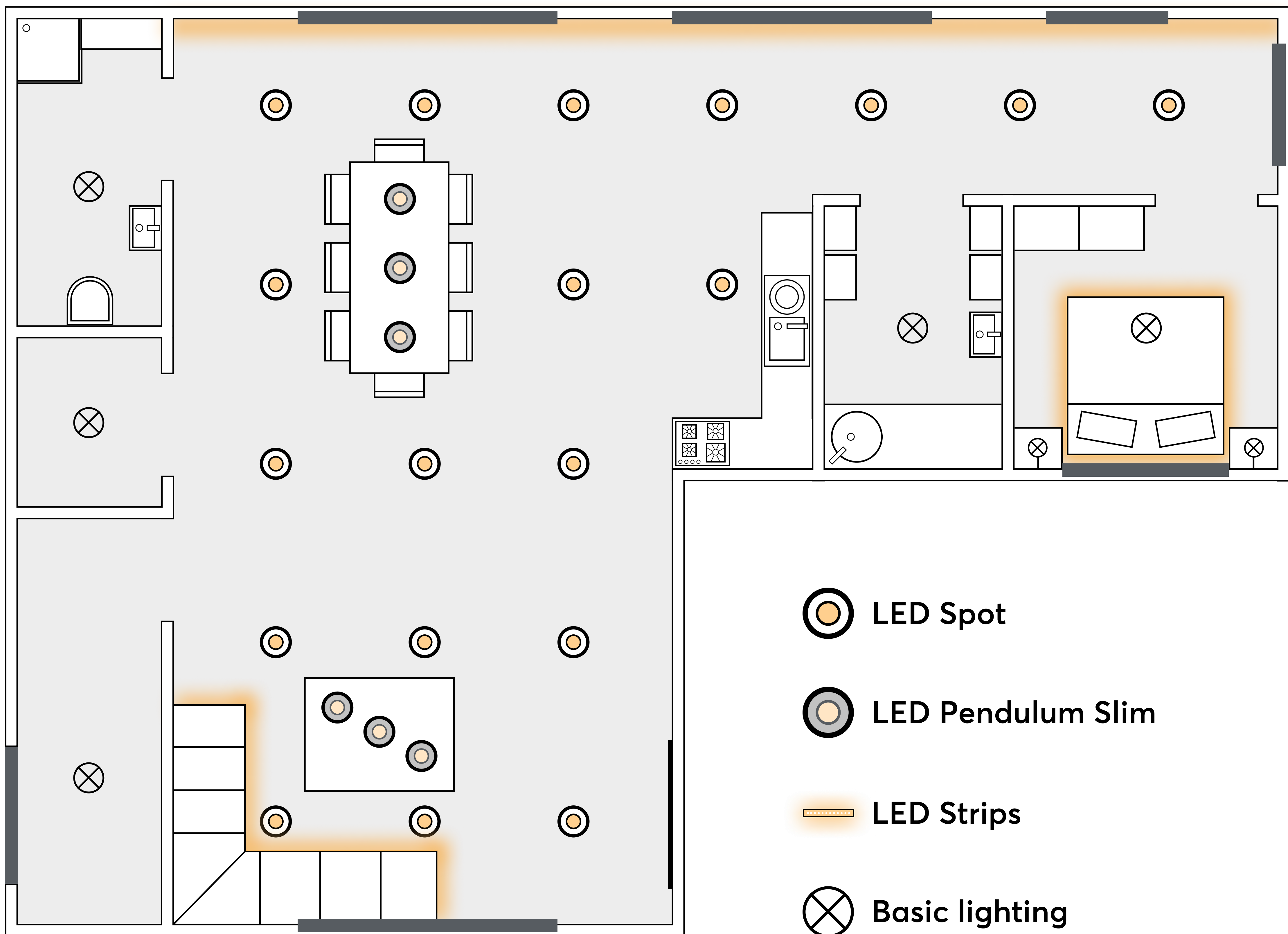


⑤ Dimmer Extension



⑥ Relay Extension

Lighting design



Do you have an open living and dining area? Probably so, which is exactly why we put together the example above.

Products installed:

- ▶ LED Spots for core, ambient lighting
- ▶ LED Strips for indirect lighting, controlled by RGBW 24V Compact Dimmer
- ▶ 3x Pendulum Slim Tree above each table
- ▶ Third-party pendant lights dimmed with outputs on the Dimmer Extension



Reduce the need for manual switching of lights in each room by placing Presence Sensors. Detecting motion, sound and even brightness, the sensors will always inform the lighting system if lights should turn on or off.

With the experience of more than 200,000 projects, we know the secret to excellent lighting control is having switchable lighting moods that will activate automatically, but then also can become controlled manually. Specific lighting moods are customized to customers' wishes. Here are some examples of lighting moods:



Ambient lighting: Natural lighting levels in the room are balanced with warm white light.



Cooking: In the kitchen, the focus is on the task lighting provided by LED Spots and discrete lighting fills the background.



Eating: At the dining table, the pendants provide a pleasant bright light while discrete lighting fills the background.



TV: This is where customers can freely define an atmospheric lighting mood to enjoy a movie or show.

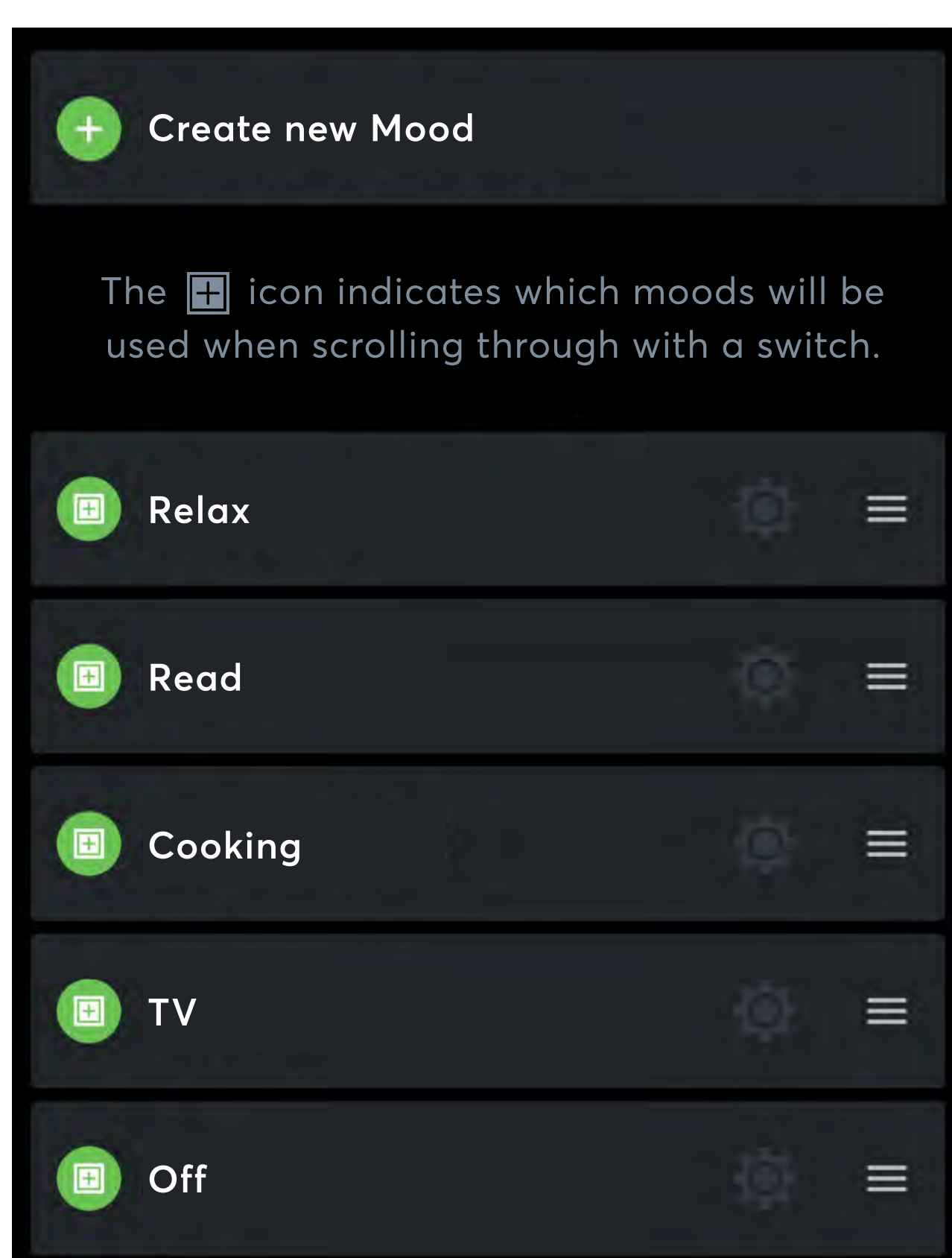


Control & switches

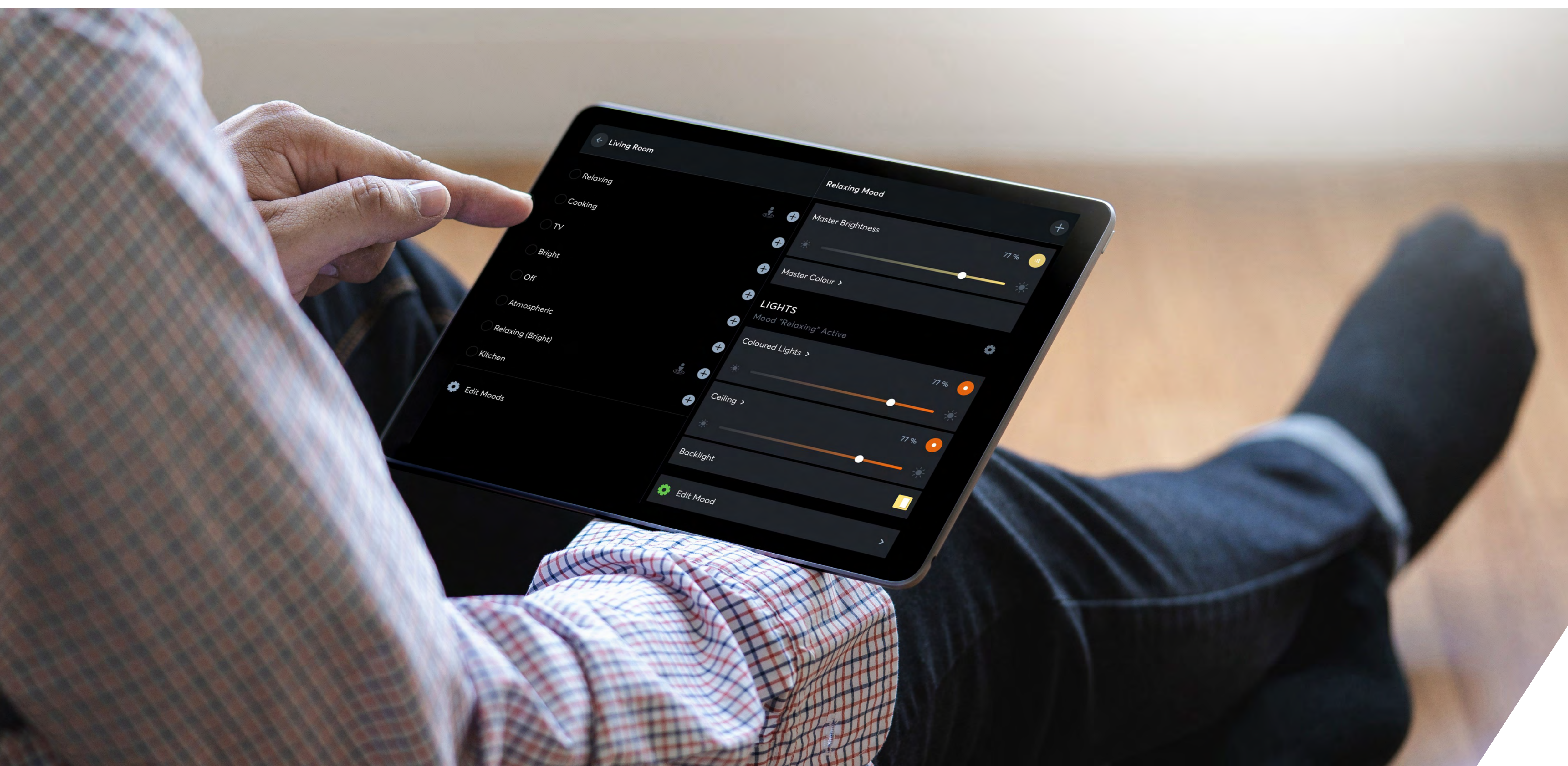
Every lighting circuit in our example can be operated with just one touch point. This means the saved lighting mood rotates through with each tap on the switch.

When entering a room, the ambient lighting mood will be set by default. However, there are control switches that can change the lighting moods when needed:

- ▶ **Touch Pure in the entryway**
- ▶ **Touch Surface built into the countertop**
- ▶ **Touch Pure in the dining room**
- ▶ **Remote Air (remote control) in the living room**



To avoid over-cycling through every lighting mood, specific switches can be assigned to particular lighting moods. For example, the Remote Air in the living area is assigned to the **TV lighting mood**. The Touch Surface is assigned to the **Cooking lighting mood**, and so on. Lighting moods can also be combined, meaning two different moods can occur at the same time in different areas.

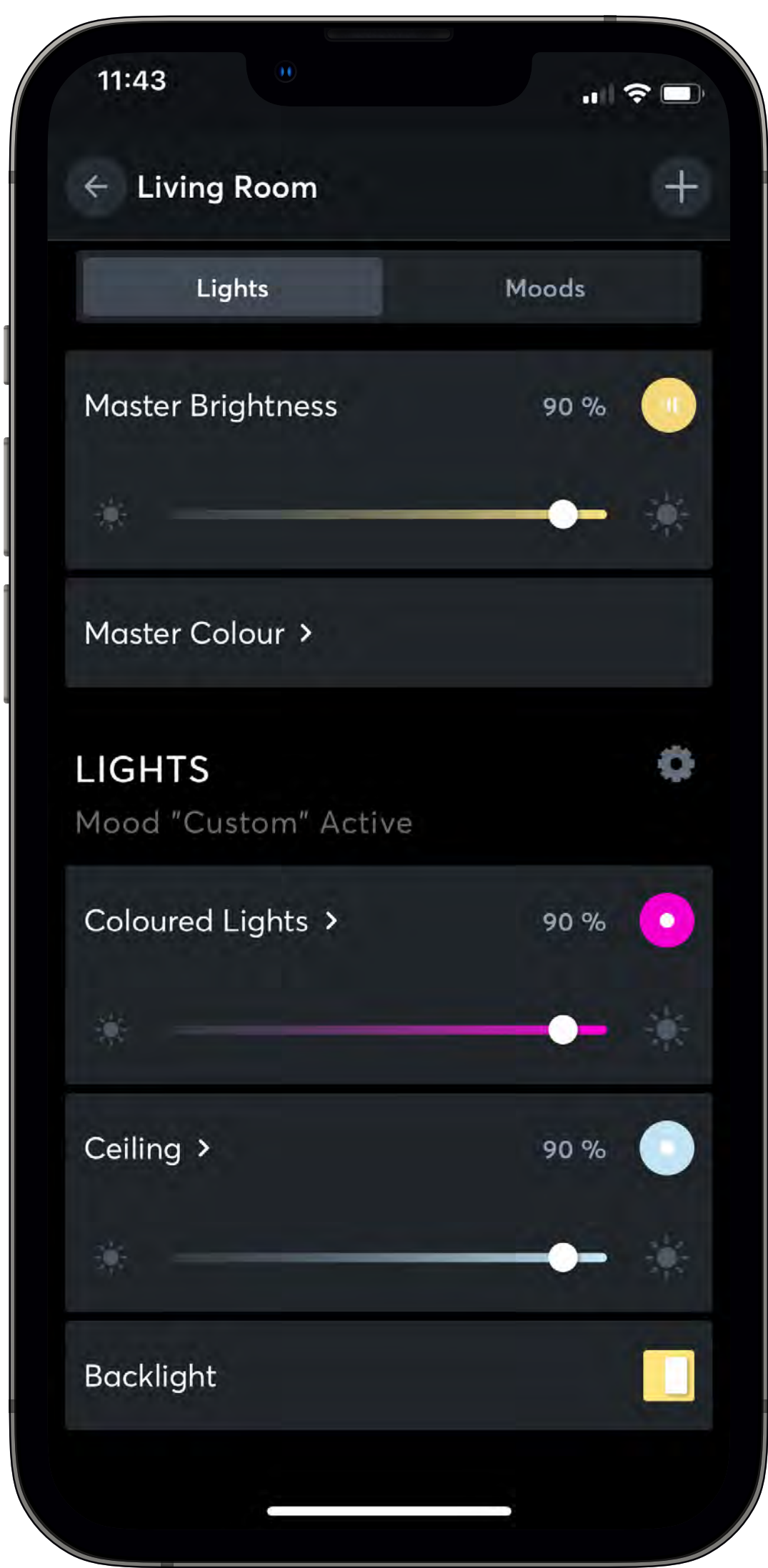


App & remote control

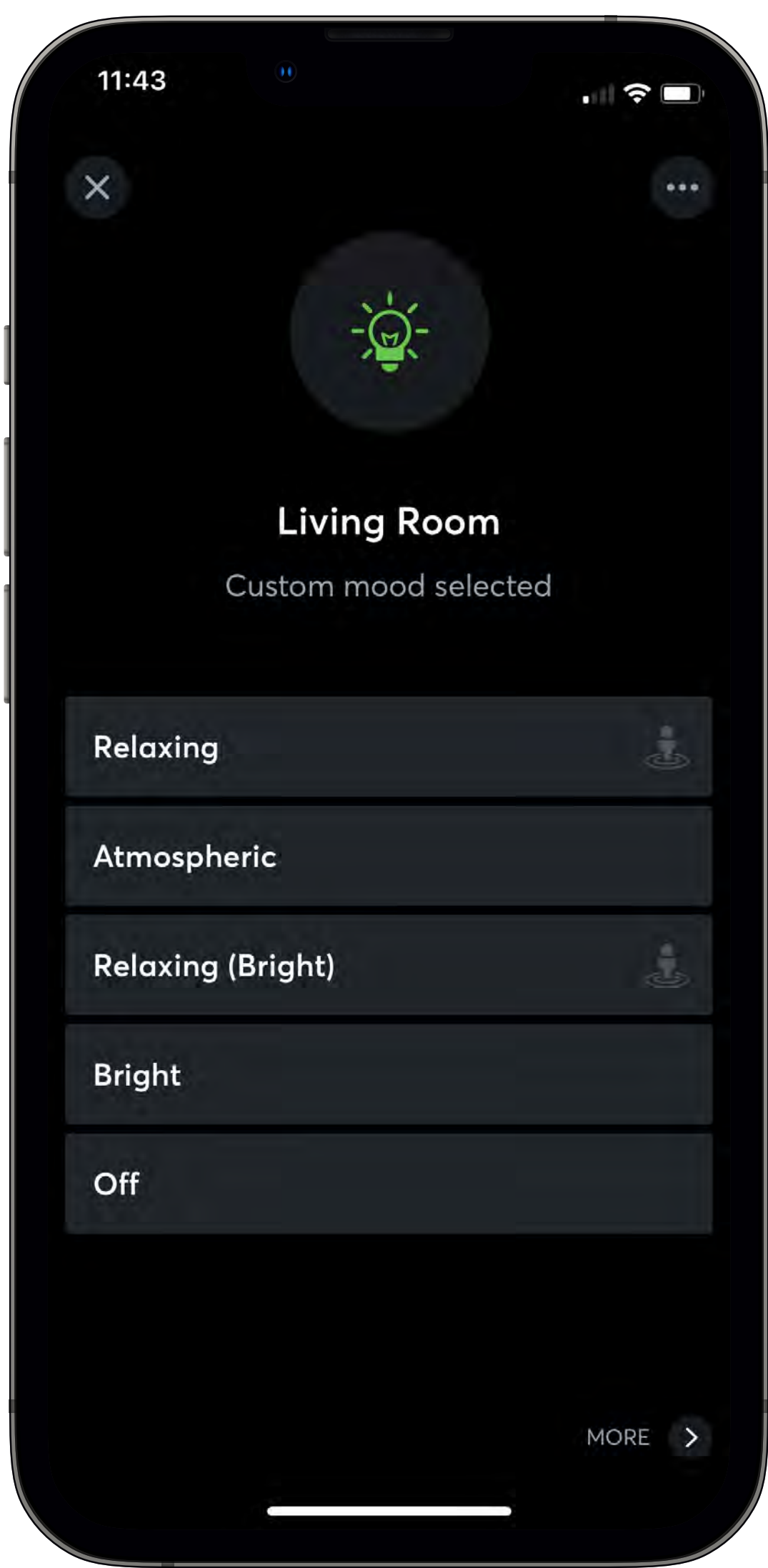
When it comes to lighting, among other functions, the Loxone App gives users comprehensive control. With just a few taps, lighting moods can be created, edited, rearranged and scrolled through at any time from anywhere.



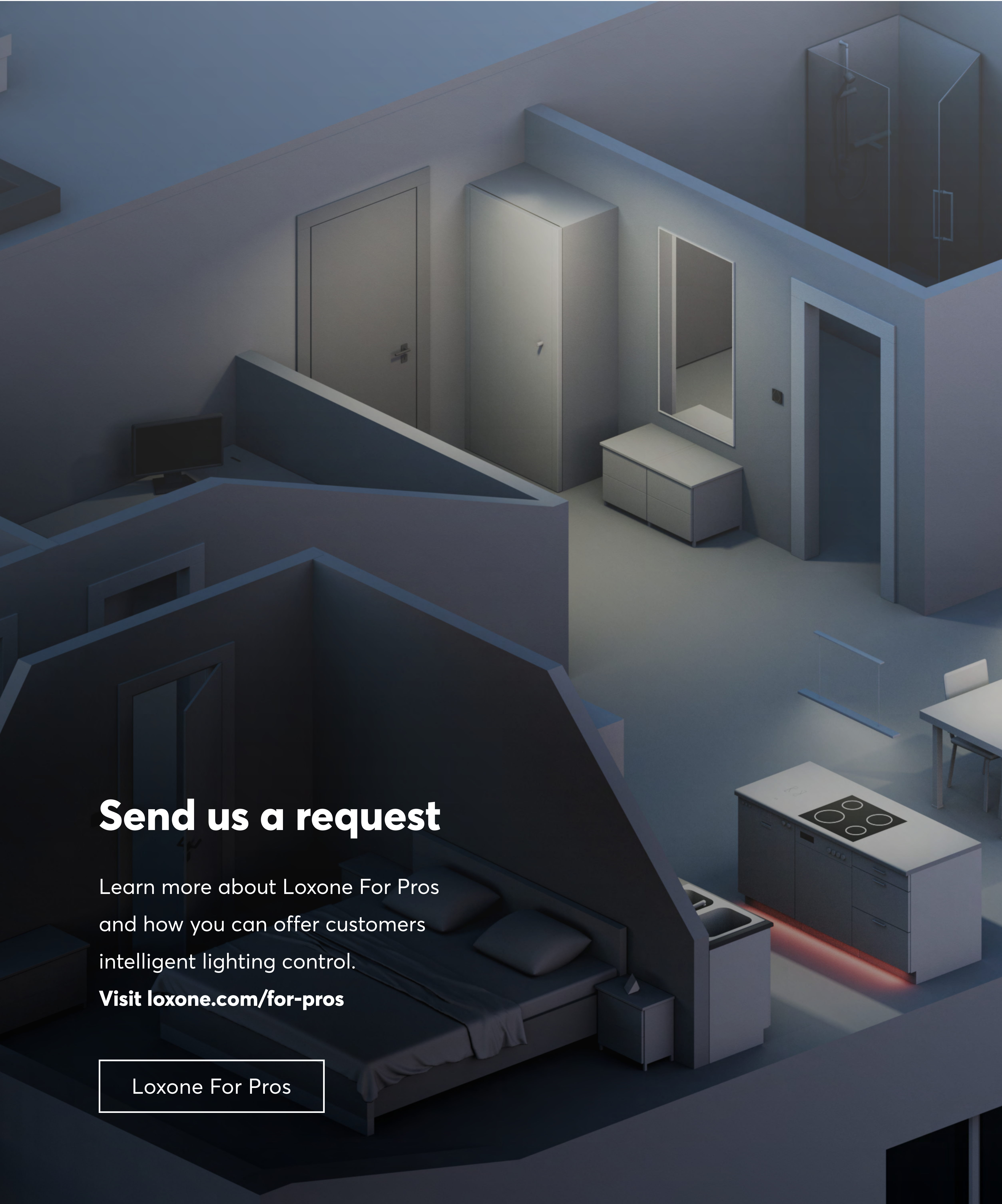
Pick your light color



Customize each light



Save and select a lighting mood



Send us a request

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intelligent lighting control.

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