

CIRCADIAN LIGHTING

SIMULATED SUNSHINE ILLUMINATING WELL-BEING

24H Intelligent Rhythm / High Color Rendering Index
Sunlight Spectrum / Flicker-Free Design



ELAMP-P-0606E

ELAMP-P-1206E

6 Advantages Redefining Healthy Lighting

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24-hour

circadian rhythm sunlight



Ra97

High Color Rendering Index
Restoring True Colors

Sunlight Spectrum

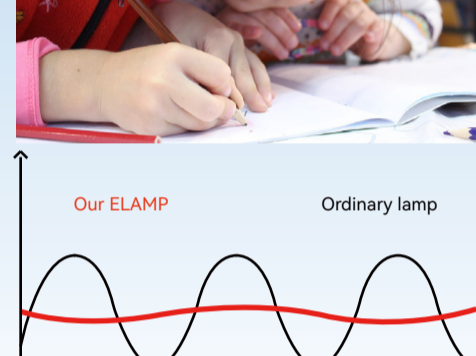
Authentic Solar Spectrum
Returning Light to Nature

Blue Light Hazard-Free

Exemption-Level
Blue Light-Free

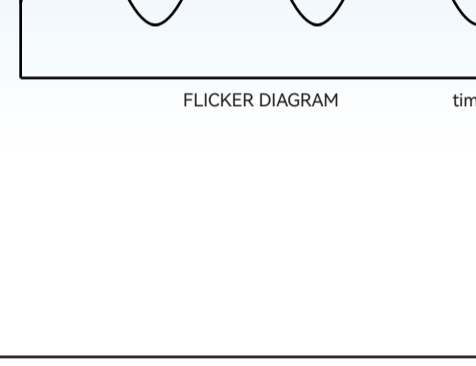
Flicker-Free

Flicker-Free Technology
Keeps Visual Fatigue at Bay



UGR19-22

Soft Light
Gentle on the Eyes



24H circadian rhythm sunlight

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Circadian lighting effectively regulates the human biological clock by accurately controlling the intensity, color, and timing of light to simulate natural light variations.



Circadian lighting

Circadian lighting activates iPRGCs by dynamically adjusting the spectrum and light intensity, transmitting signals of "day" or "night" to the brain to help synchronize the biological clock.

iPRGCs

iPRGCs is a special type of photoreceptor in the retina, mainly responsible for sensing light signals and transmitting them to the SCN of the brain, thereby regulating the circadian rhythm of the human body.

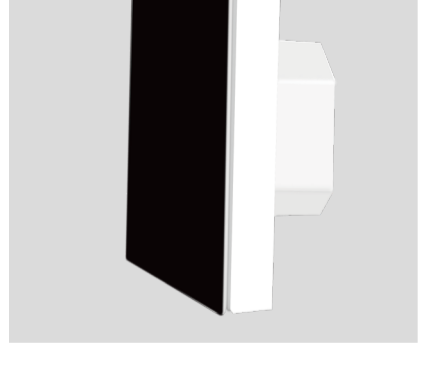
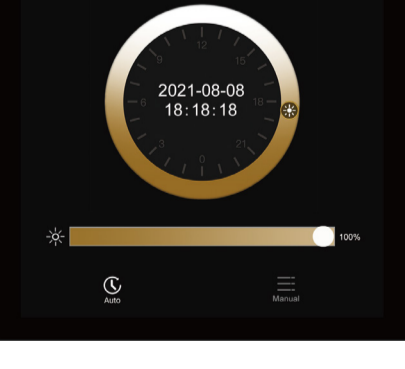
Dynamic spectrum

ELAMP automatically tracks changes in the sunlight spectrum around the clock, helping the body perceive temporal changes, promoting natural secretion of melatonin, and improving sleep quality.

Smart Control Panel

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Independently developed control panel, combined with intelligent algorithms and global precision positioning technology, automatically follows natural sunlight 24 hours a day.



*Size: 86*86*38mm

The ever-changing sunlight

According to the circadian rhythm, it automatically synchronizes 24-hour sunlight every minute and second, without the need for manual adjustment.

Customizable sunlight

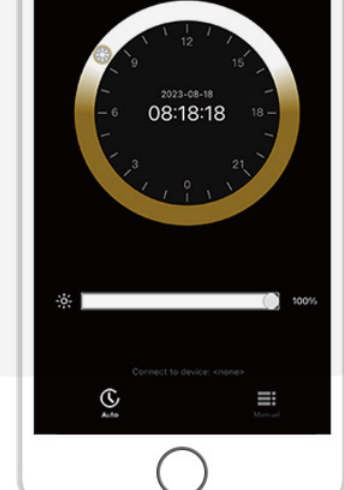
Users can freely adjust the lights according to their preferences and needs, and have their own exclusive sunlight.

APP

Through APP control, users can adjust the lighting mode anytime and anywhere, easily manage rhythmic lighting, enjoy personalized lighting experience, and make biological clock adjustment simpler and more convenient.

10 Functions of Control Panel

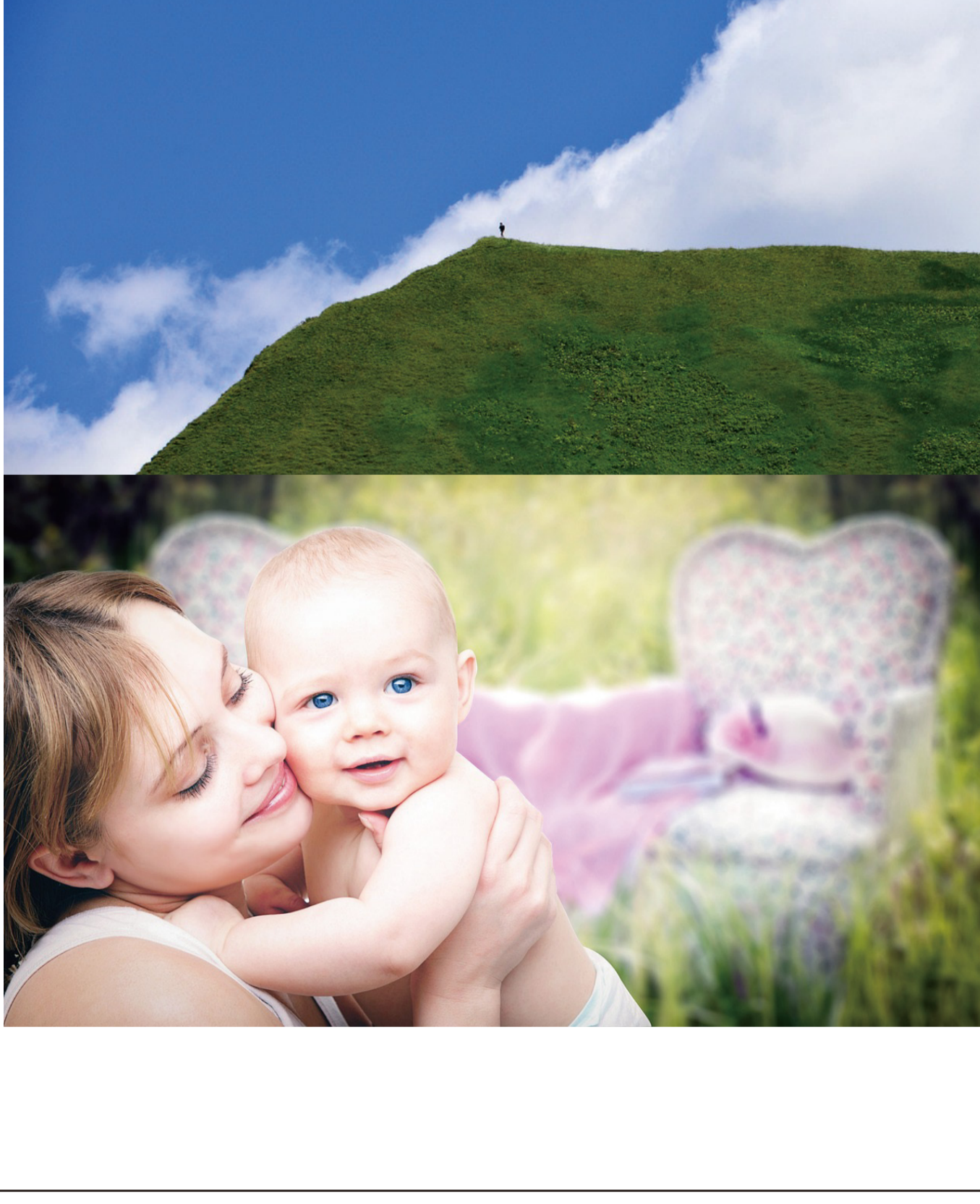
- Auto
- Manual
- APP
- Model
- Latitude
- Dimming
- Timer
- Touch
- Password
- Memory



Sunlight Spectrum More eye friendly, healthier

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The full spectrum covers all wavelengths of visible light (approximately 380nm to 750nm), aiming to provide a spectrum similar to that of sunlight, allowing the whole family to use healthy light with peace of mind.



Ra97 Restore true colors

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The Color Rendering Index (CRI) is an indicator that measures the ability of a light source to reproduce the true color of an object, with a maximum value of 100. The higher the CRI, the more it can help people clearly restore the original color of objects and reduce visual fatigue.



Blue light hazard-Free Caring for eye health

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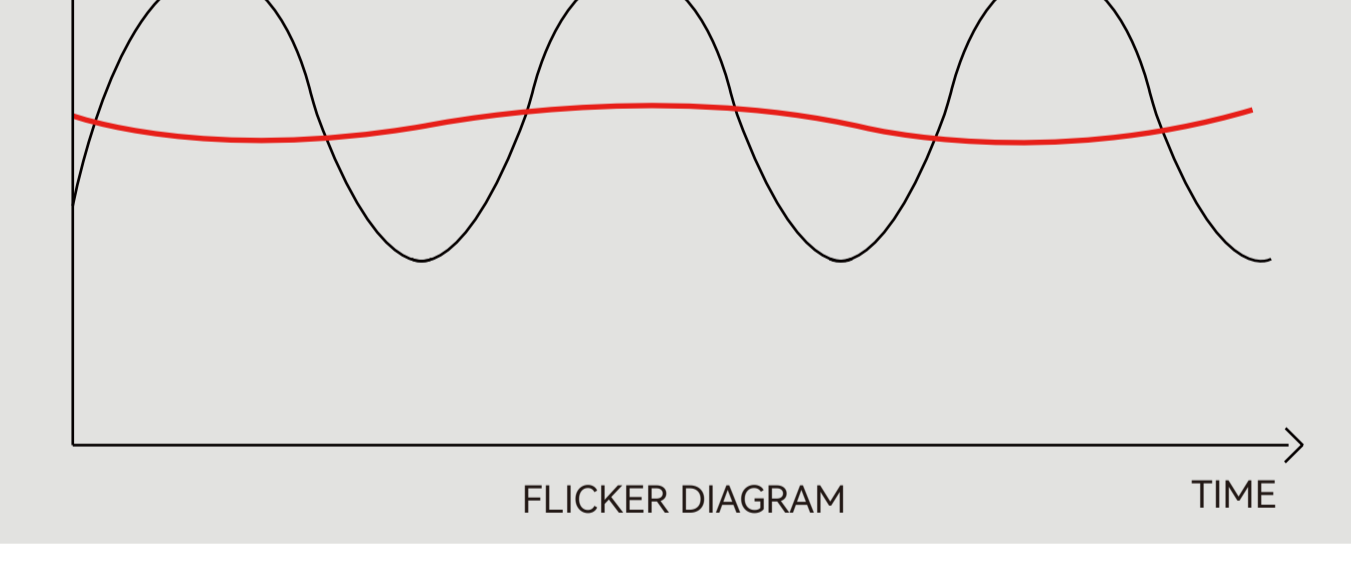
Visible light with wavelengths between 400nm and 500nm has extremely high energy and can penetrate the crystalline lens of the eye to reach the retina, which can easily cause visual blurring and even damage to retinal cells; Using a non blue light source to solve the harm of blue light from the root.



Flicker-Free Keeps Visual Fatigue at Bay

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We use an independently developed external power supply to completely eliminate video flicker, provide stable and uniform light output, effectively alleviate eye fatigue, protect visual health, and make eye use more comfortable and reassuring.



Lens LED Design Make the light softer

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Adopting advanced lens optical technology, precise control of light distribution, reducing glare and shadows, and creating uniform and soft lighting effects. Whether working or resting, you can enjoy a comfortable light environment, protect your vision, and enhance your experience.



External Driver More convenient

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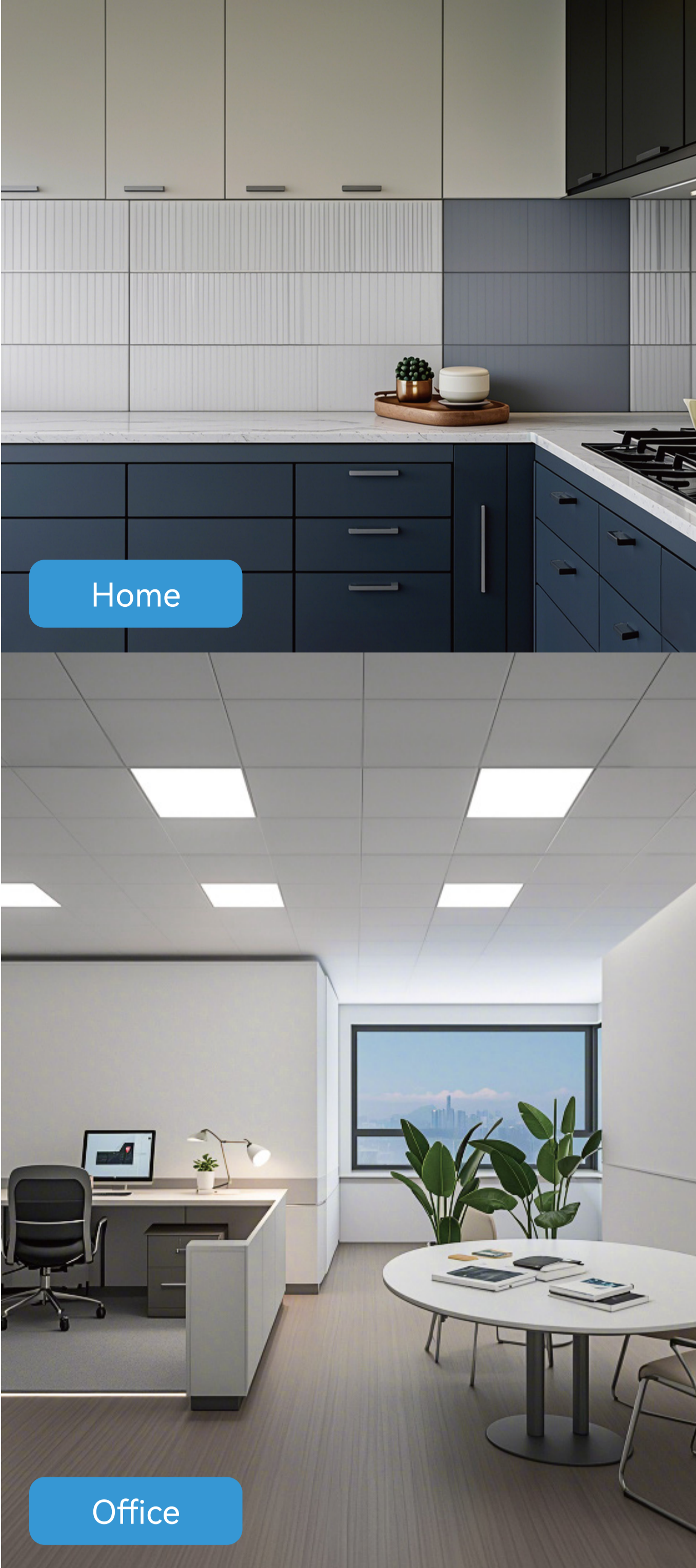
The external driver design is stable and efficient, combined with slow start technology, the light gradually changes from dark to bright, avoiding momentary strong light stimulation and protecting eye comfort.



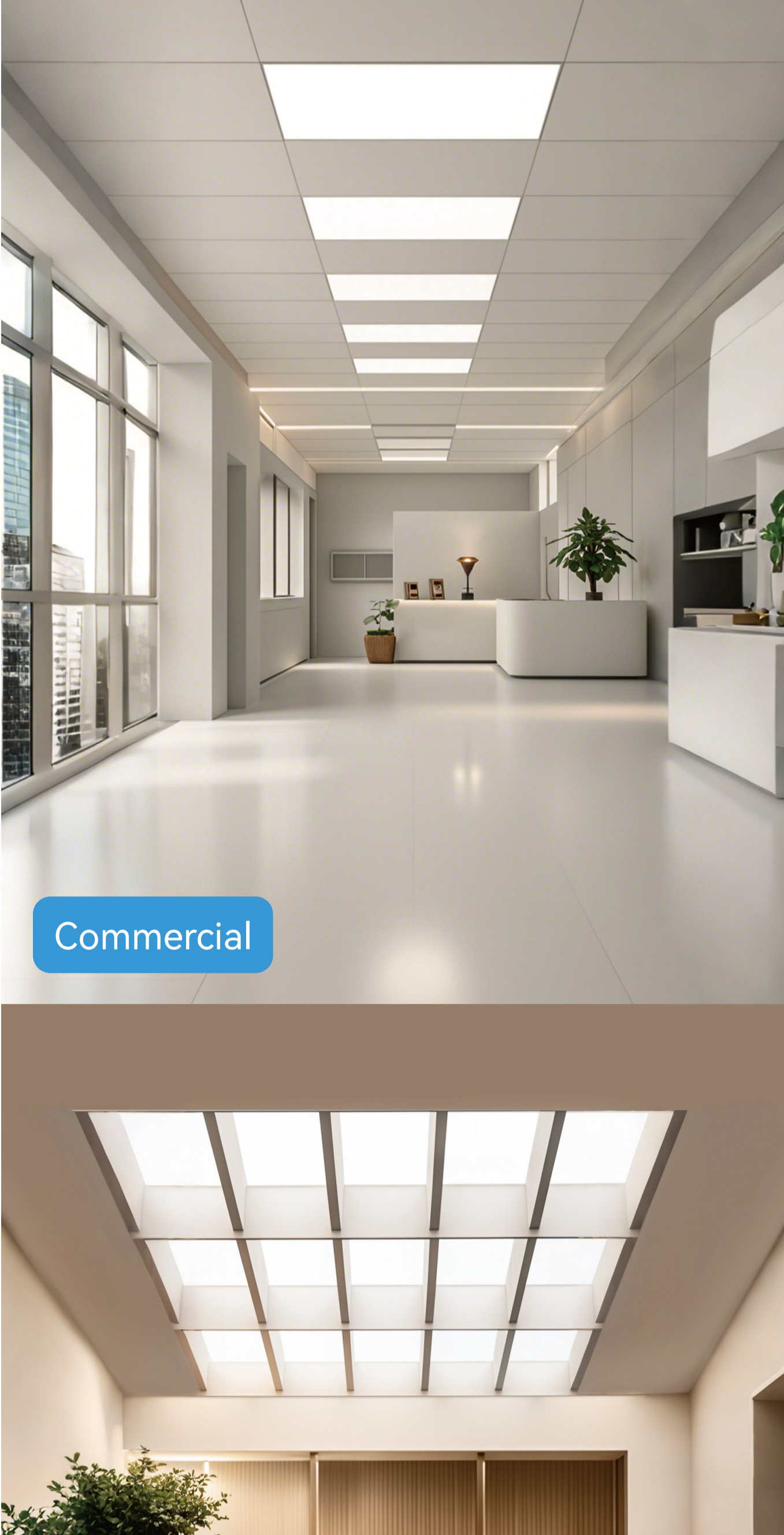
Application Scenarios

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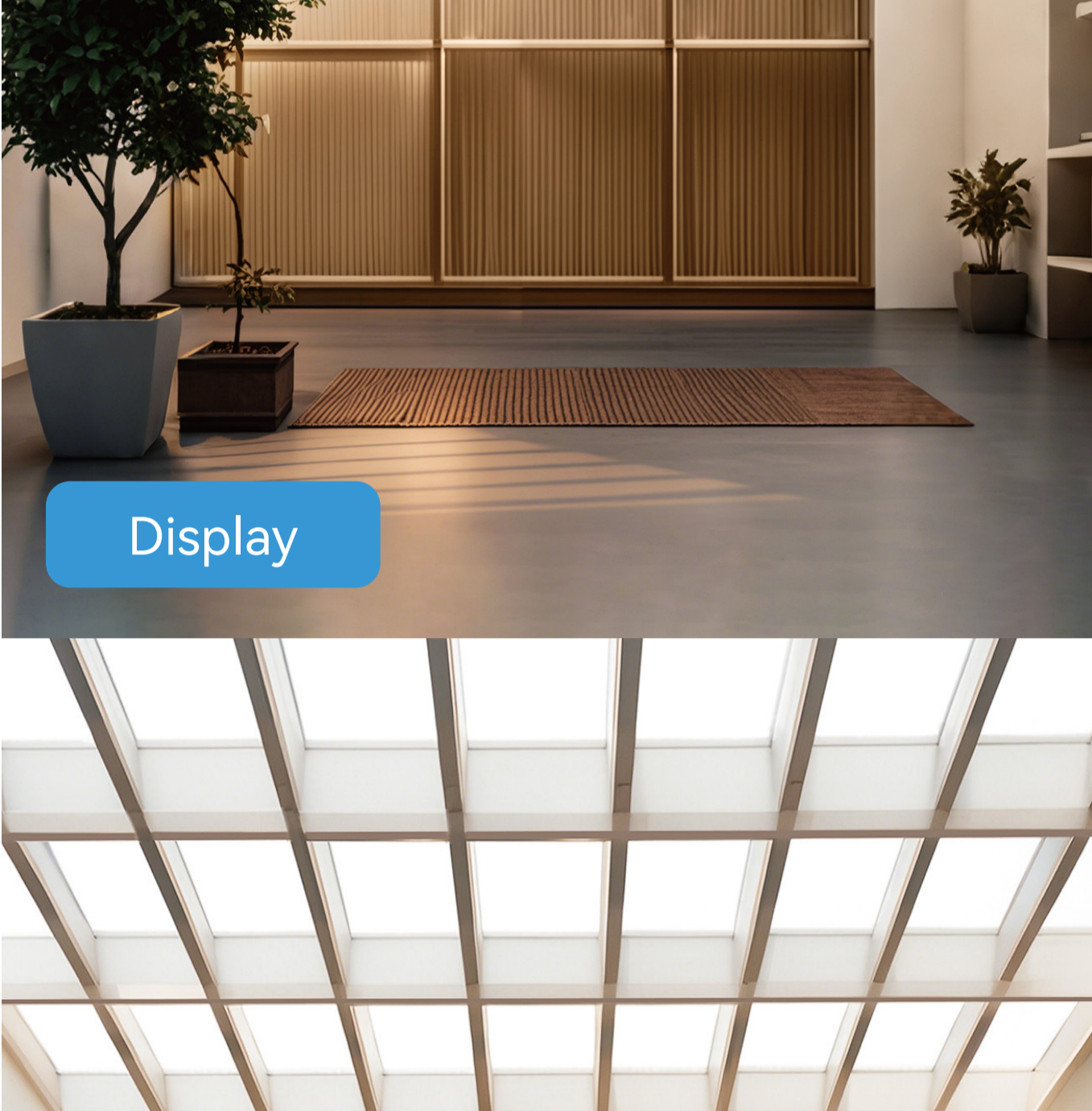
From smart homes to office lighting and commercial lighting, the application of sunlight lighting is ubiquitous, bringing more convenience to our lives.



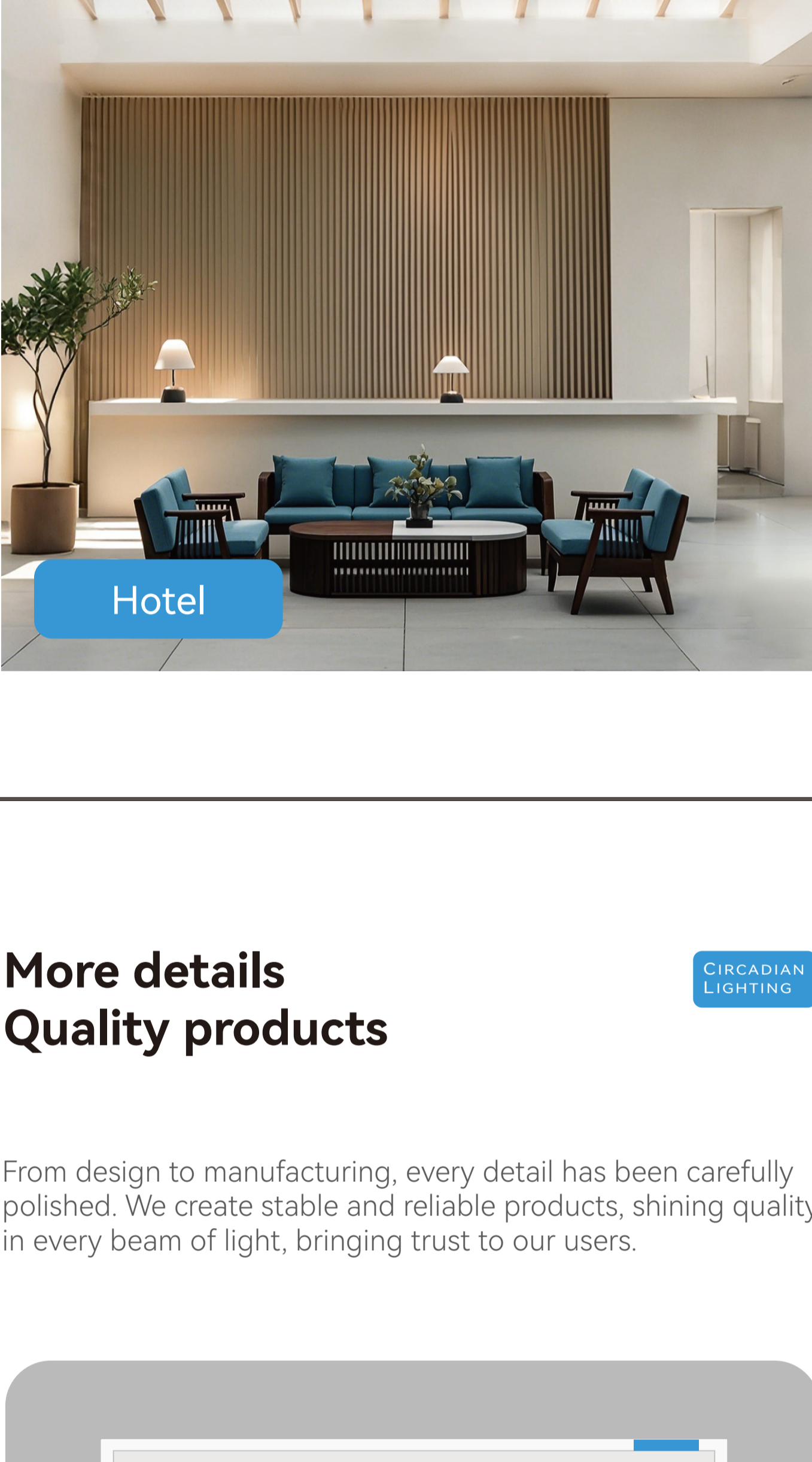
Home



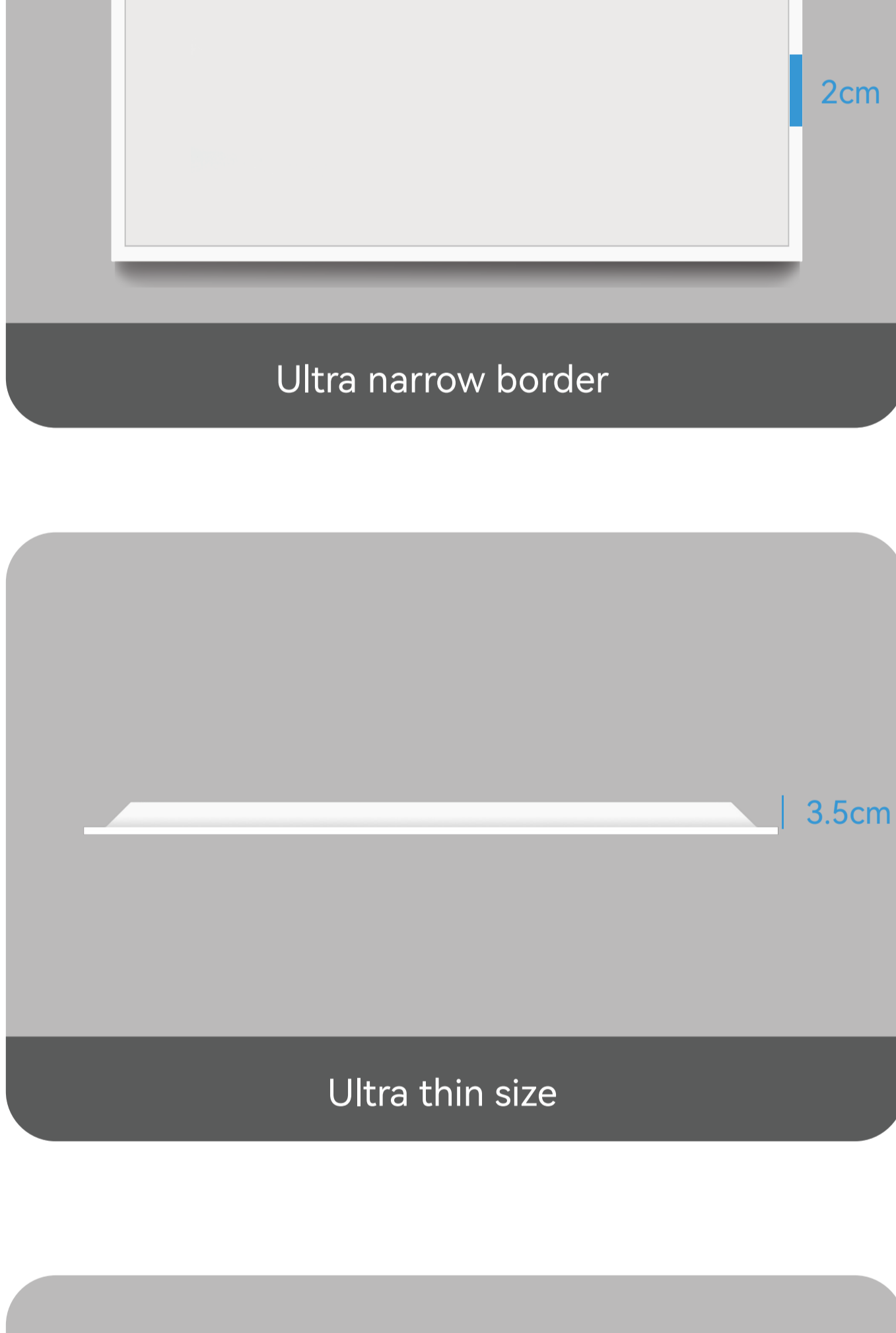
Office



Commercial



Display

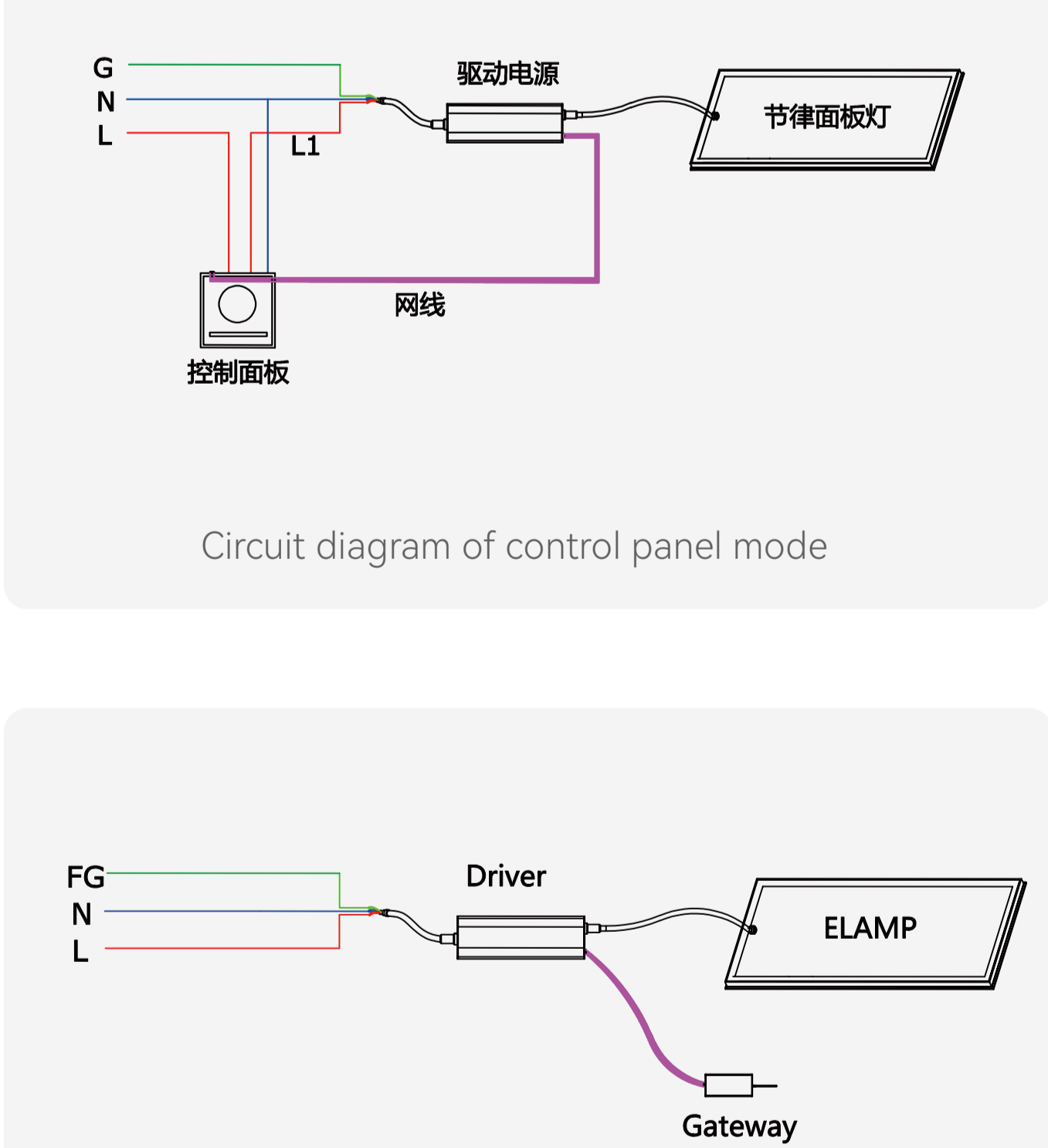


Hotel

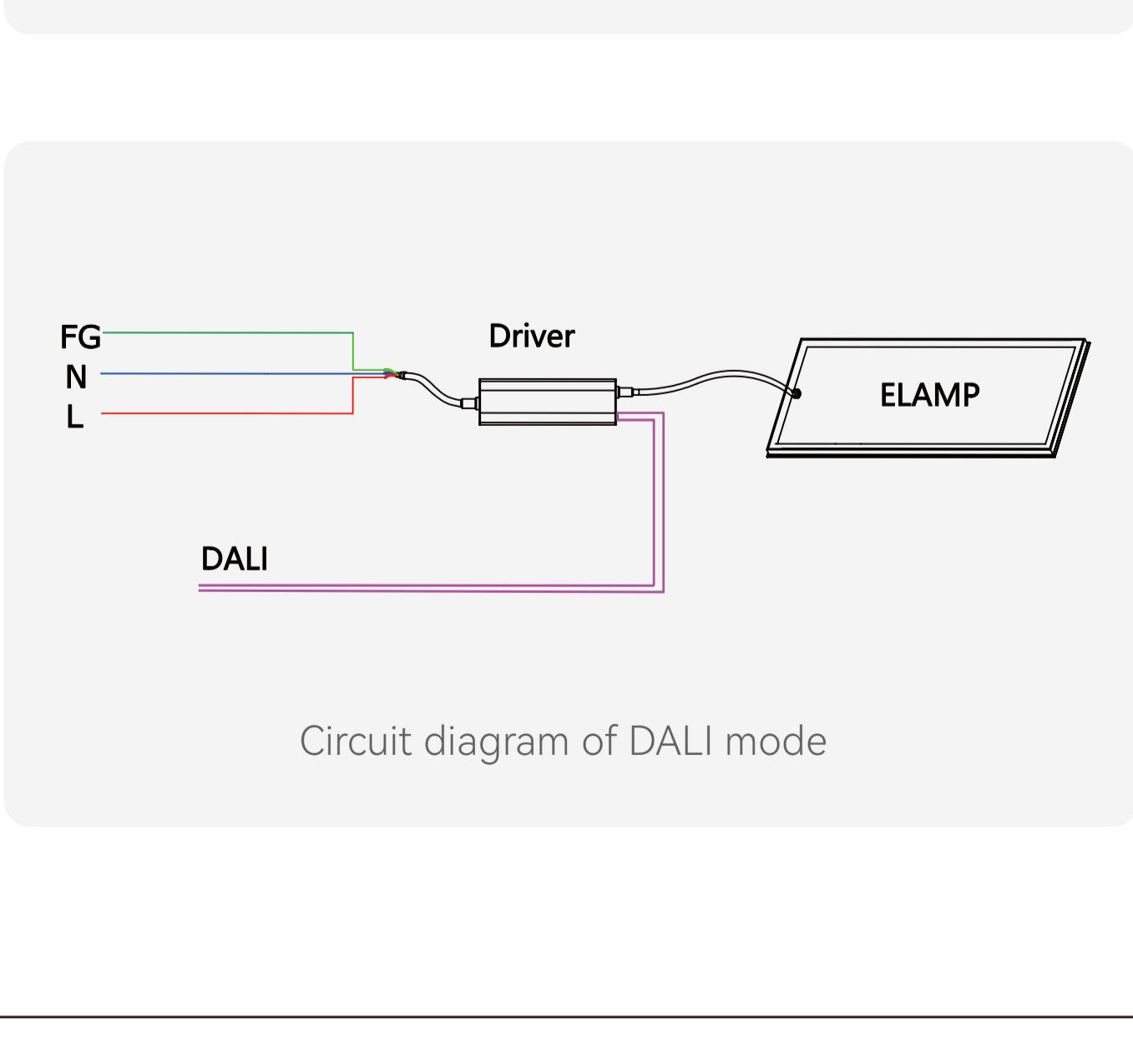
More details Quality products

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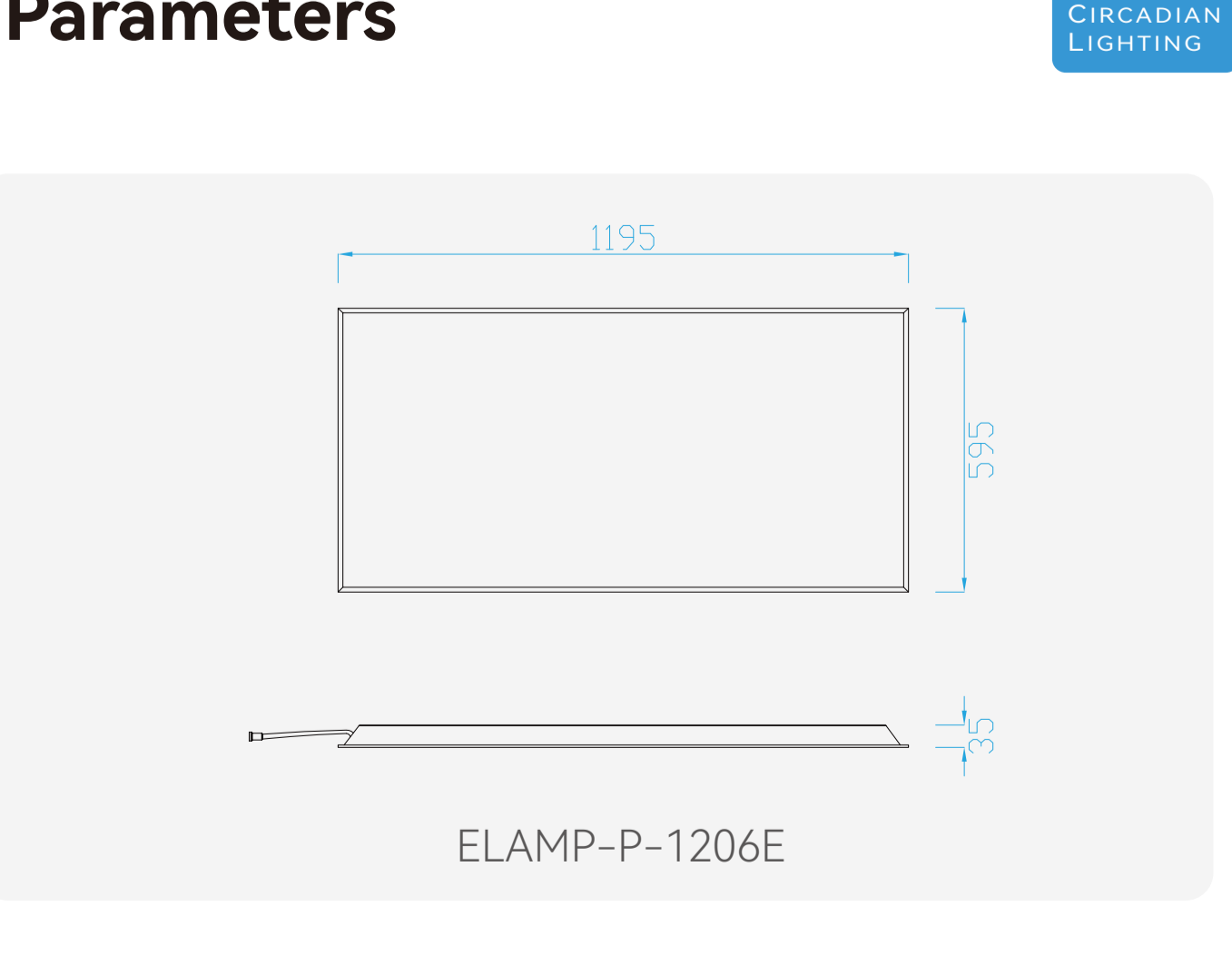
From design to manufacturing, every detail has been carefully polished. We create stable and reliable products, shining quality in every beam of light, bringing trust to our users.



Ultra narrow border



Ultra thin size

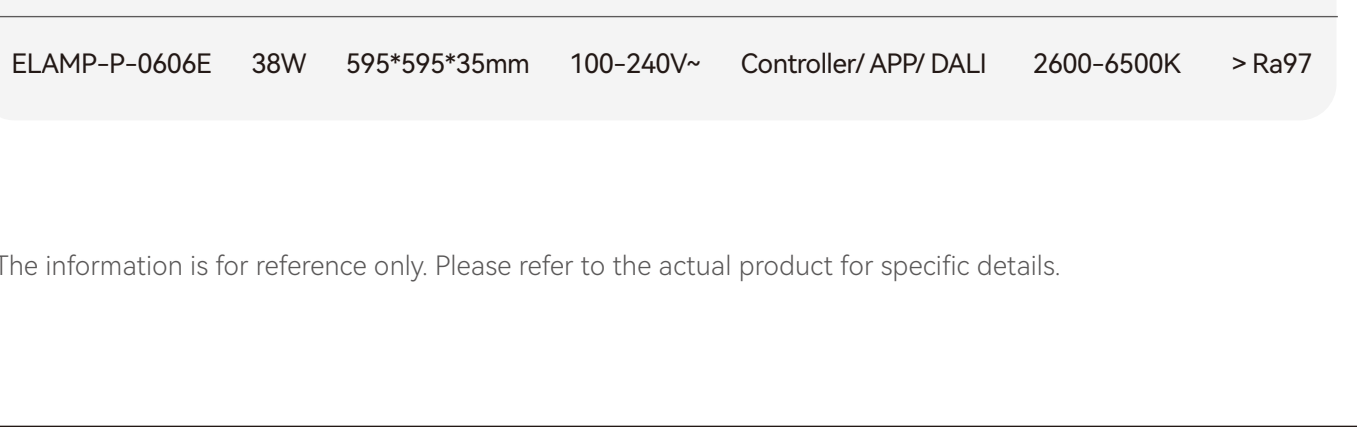


External driver, foolproof interface

Circuit diagram

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Three control methods:
1. Control panel, 2. App, 3. DALI (optional function)
Please choose the circuit connection according to the actual application. For more details, please refer to the user manual provided by our company.



Circuit diagram of control panel mode

Circuit diagram of App mode

Circuit diagram of DALI mode

Parameters

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ELAMP-P-1206E

ELAMP-P-0606E

Model	Power	Size	Voltage	Control	TC	CRI
ELAMP-P-1206E	70W	1195*595*35mm	100-240V~	Controller/ APP/ DALI	2600-6500K	> Ra97
ELAMP-P-0606E	38W	595*595*35mm	100-240V~	Controller/ APP/ DALI	2600-6500K	> Ra97

* The information is for reference only. Please refer to the actual product for specific details.