COLORS®



Pastel Lighting Solution

Circadian Lighting

· Wide-range color temperature adjustment: 1200K-10000K
· Continuous blackbody curve tracking

Healthy Light

· CRI95, deep flicker-free light
· No short-wavelength blue light

Mood Lighting

· 16-bit grayscale control
· 65536-level color mixing

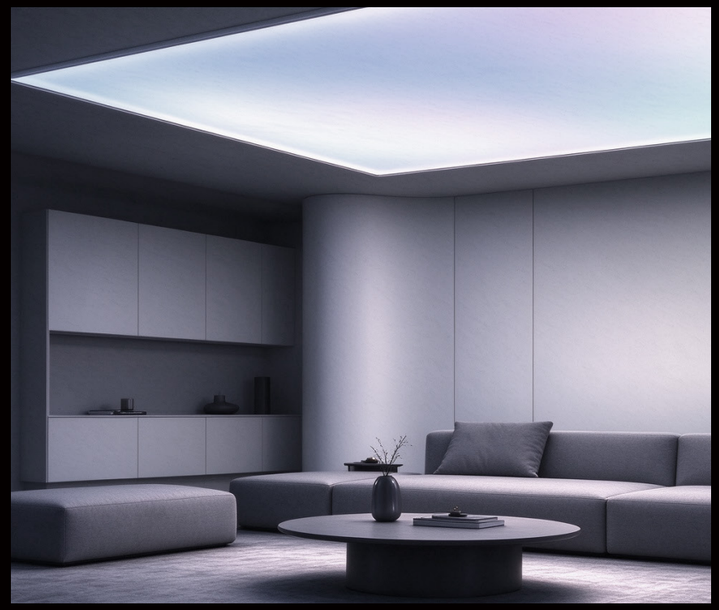
www.colorsled.com

V1.0 2026.10

Pain Points



White light color temperature is fixed and cannot be easily adjusted.



Low color rendering index, blue light hazard, flicker and other eye-unfriendly factors.



Decorative colored light often uses high-saturation colors, which can cause visual fatigue after long-term use.

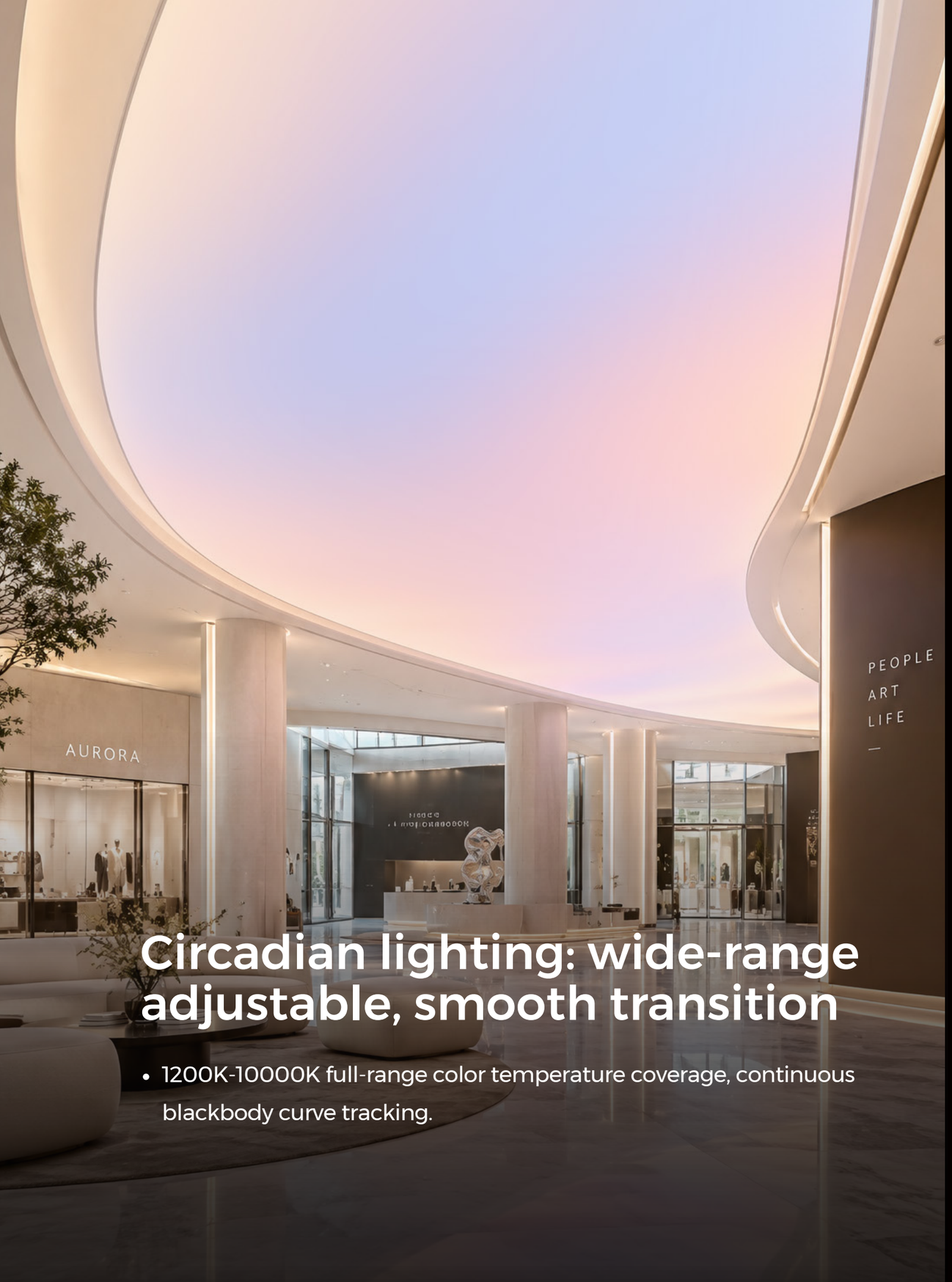
Pastel Lighting Solution



LED Pixel Module + Controller +

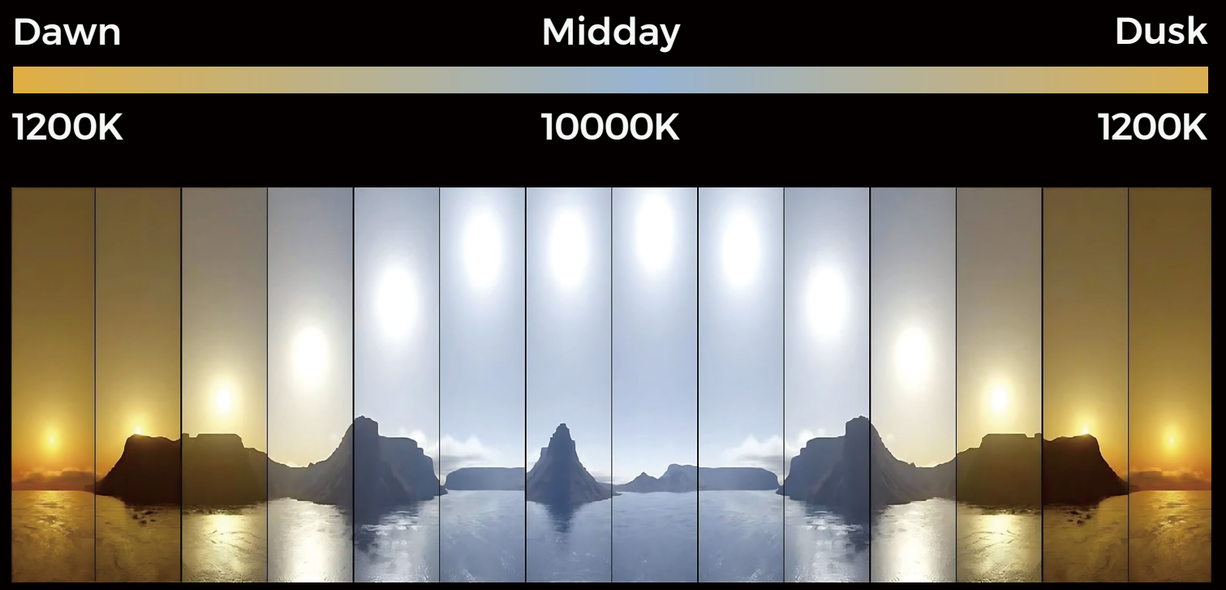


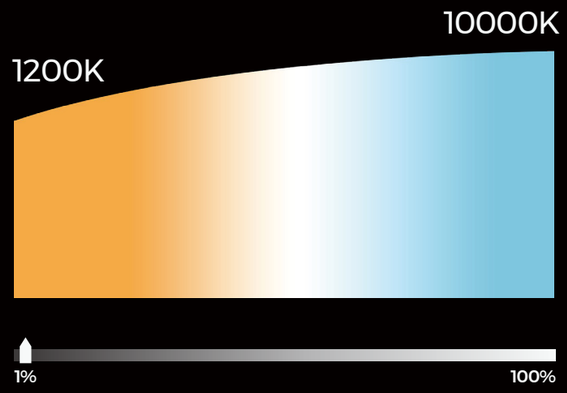
APP



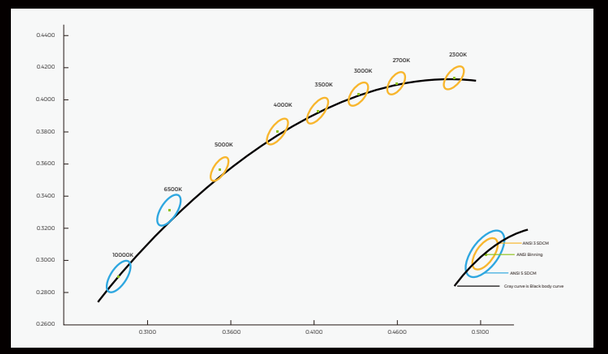
Circadian lighting: wide-range adjustable, smooth transition

- 1200K-10000K full-range color temperature coverage, continuous blackbody curve tracking.





Wide-range adjustable color temperature and brightness



Continuous blackbody curve tracking across all main color temperature ranges.

Healthy Light: Comfortable and Eye-friendly

- Full-spectrum white light, CRI95 high rendering, no harmful (short-wavelength) blue light.
- Even light color, no color difference between zones.
- Deep flicker-free, comfortable and eye-friendly.
- Meets the strict requirement of high color rendering, while supporting the long, smooth day-night rhythm simulation needed for human-centric lighting.



Mood lighting: scene-linked, more options to enjoy

- With the dedicated controller and APP, millions of colors can be mixed; color temperature and color transitions are natural, without banding.
- Built-in scenes such as dawn, sunrise and the four seasons, with one-tap execution.
- Low saturation; soft colored light sets the mood.

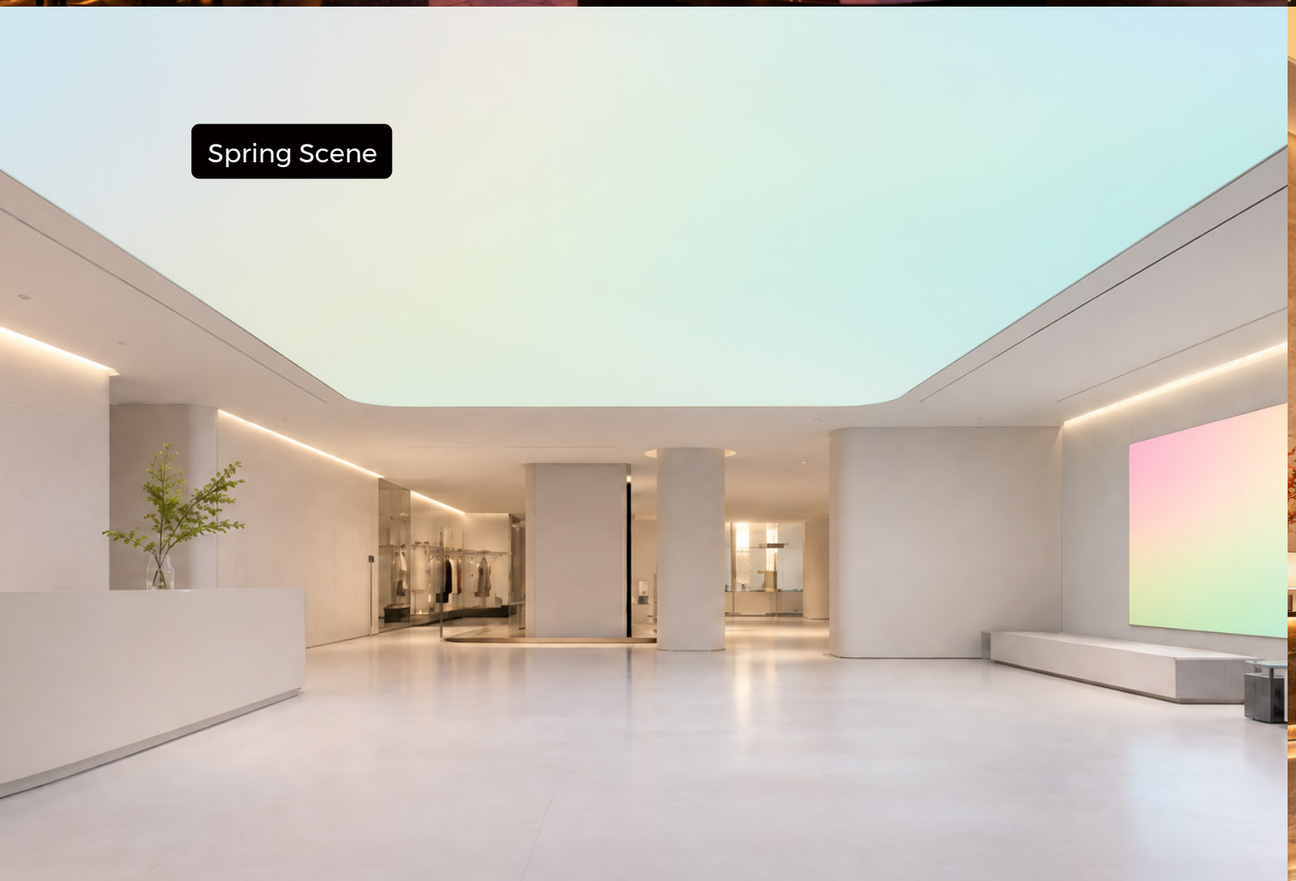


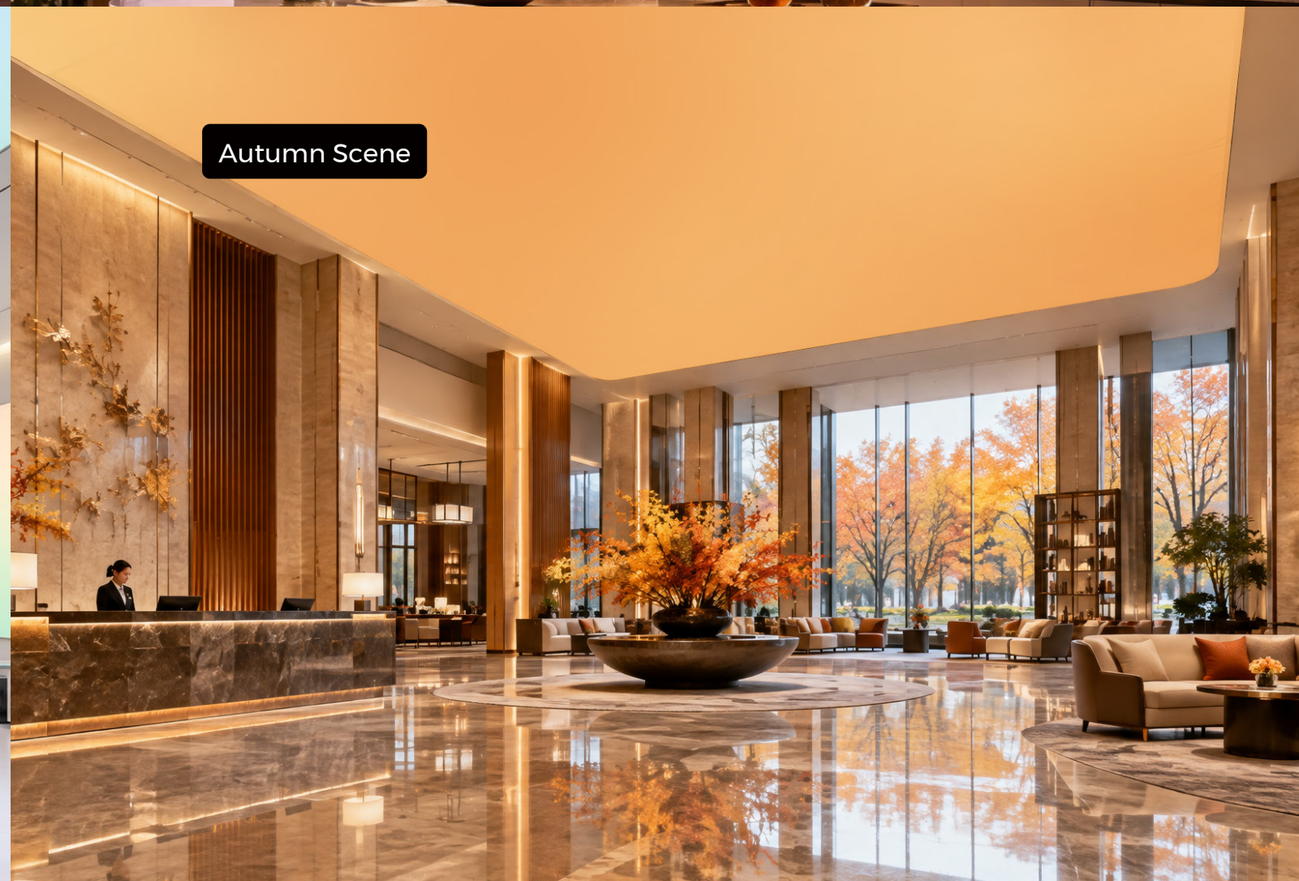
Controller

16-bit native grayscale control
65536-level fine dimming per channel
Enables millions of color combinations


Dusk Scene
A
NEW
DAY
A
BETTER
YOU


Sunrise Scene


Spring Scene


Autumn Scene

Premium Commercial Spaces

Application Scenarios

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