MEGAMAN®

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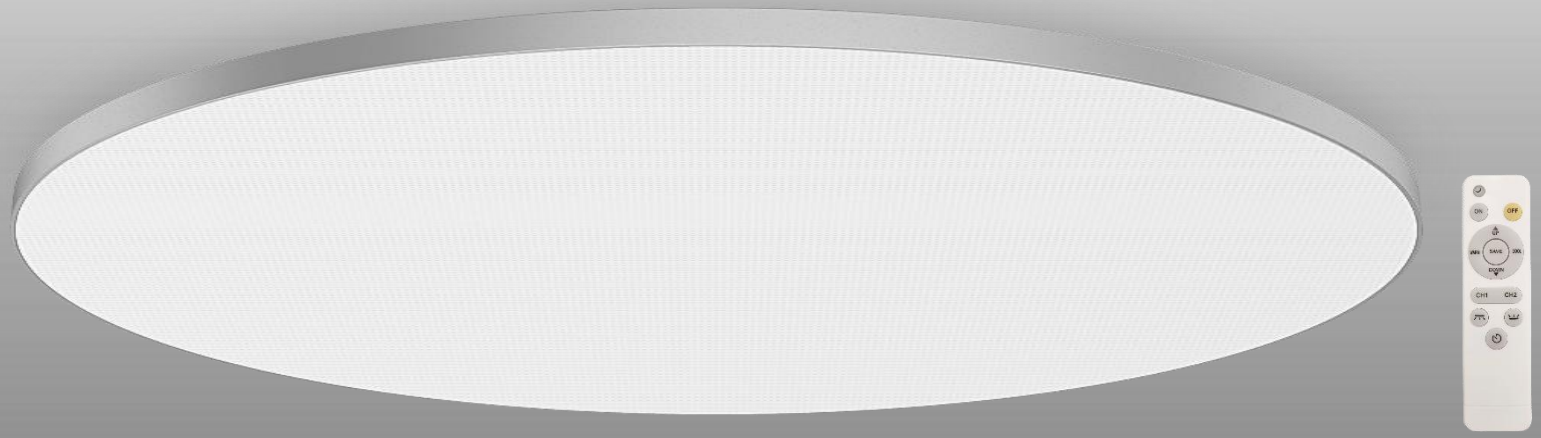
2026年新品推介-全光谱吸顶灯

Full Spectrum LED Ceiling
全光谱吸顶灯



To further enhance the market competitiveness of MEGAMAN ceiling lights, we have launched a new full-spectrum ceiling light, aiming to provide exceptional design and performance for more mid-to-high-end residential homes and apartments.

为进一步提升曼佳美吸顶灯市场竞争力，推出全新全光谱吸顶灯，致力于为更多中高端家庭//公寓提供设计、性能皆卓越的产品



Design Background
研发背景



Nowadays, with the improvement of living standards, people have a higher demand for lighting
随着生活水平的提高，人们对照明的需求也显著增加

Basic lighting 基础照亮 + **Task lighting** 任务照明 = Life IN Light

Smart 智能

Emotionalization 情绪价值

High quality 高品质

Individuation 个性化

eye-protecting 护眼

Modern 现代化

Secure 安全

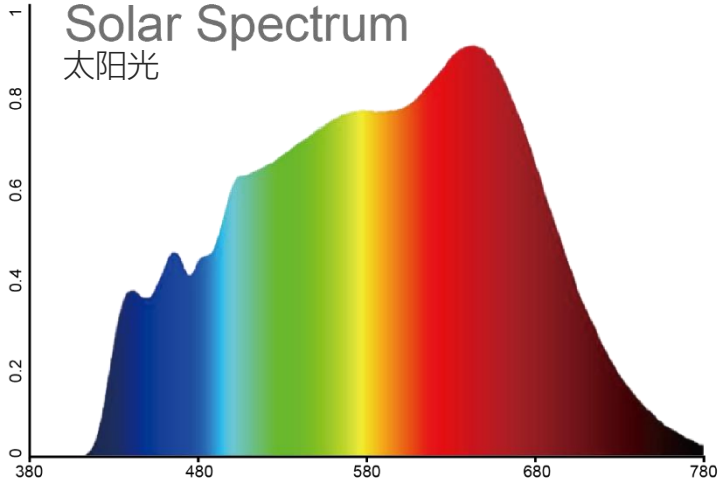
Healthization 健康

Simple operation 便捷

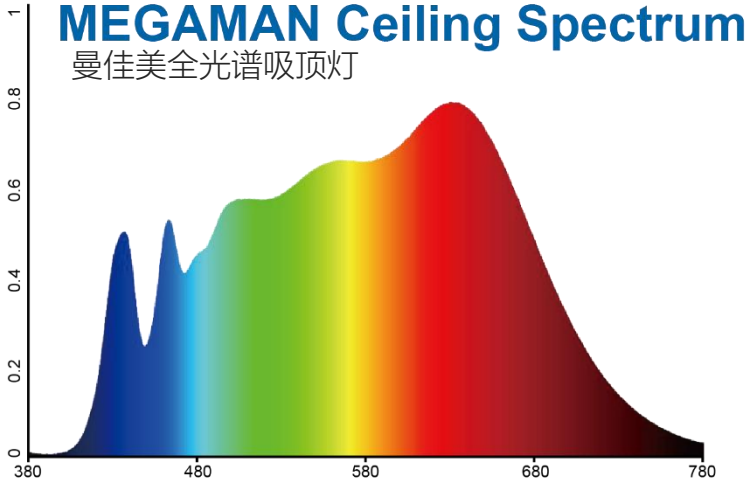
What is full-spectrum?

什么是全光谱

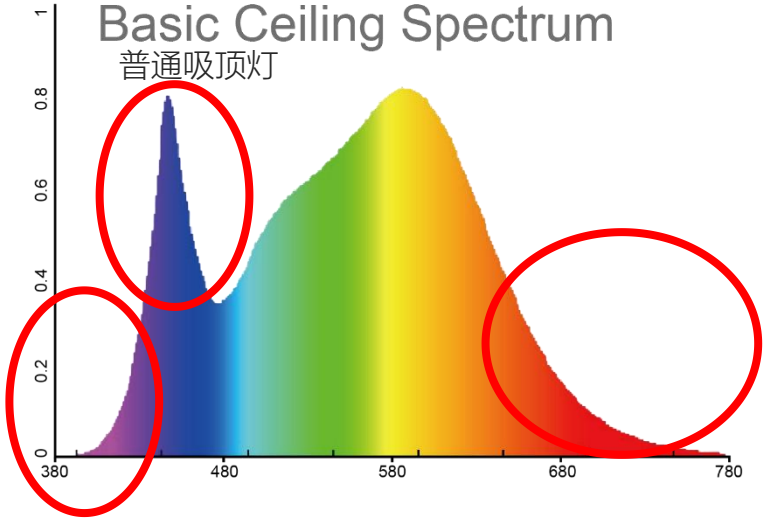
Full-spectrum light is a type of light that is infinitely close to natural light, providing a comfortable light environment for the eyes.全光谱是一种无限接近自然光的光，给眼睛带来舒适的光环境



- Wide Wavelength Range
  宽广的波长范围
- Continuous Spectrum
  连续光谱

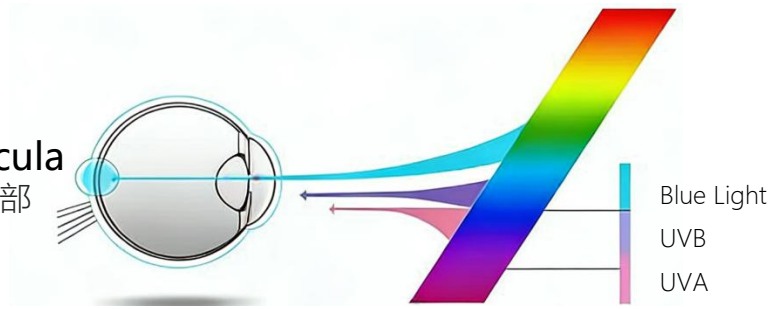


- A lighting solution that simulates natural light
  模拟自然光的照明解决方案

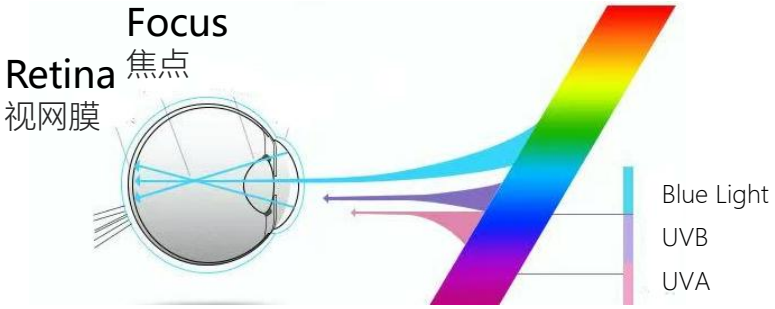


- Strong Blue Peak，Can cause visual fatigue
  蓝光峰值过高，容易导致眼睛疲劳
- Insufficient Red Light，almost no violet wavelengths，CRI values are lowered
  红光不足，几乎没有紫光，导致显指过低

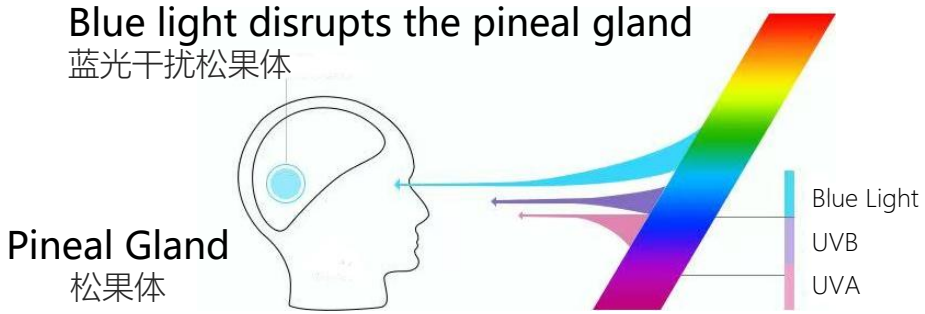
Blue Light Hazards
蓝光的危害



Retinal Damage: Blue light can reach the retina and cause oxidative damage, increasing the risk of age-related macular degeneration (AMD)
视网膜损伤：蓝光能穿透眼睛到达视网膜，可能导致光氧化损伤，增加黄斑变性（AMD-不可逆性致盲眼病之一）风险
* The macula is the most sensitive part of the eye, responsible for sharp central vision黄斑是眼睛中最敏感的部分，负责清晰的中央视力。



Eye Fatigue: Blue light requires more effort to focus, leading to strain, dryness, and discomfort,
眼睛疲劳：蓝光频率较高，眼睛需要更多努力聚焦，导致疲劳、干涩等不适



Sleep Issues: Blue light suppresses melatonin secretion, potentially leading to insomnia and poor sleep quality
睡眠问题：蓝光抑制褪黑激素分泌，可能导致失眠和睡眠质量下降

VS Other Brands

对比竞品，曼佳美全光谱的优势



Back light 辅助背光

An added backlight illuminates the ceiling, reducing brightness contrast for enhanced visual comfort.

照亮天花板，减少空间的亮度差，视觉更舒适

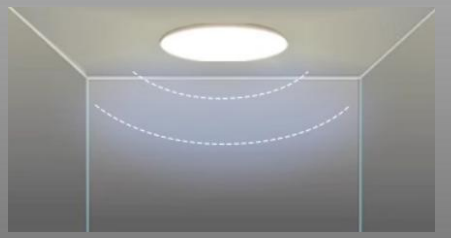
Main light 主照明

The main light features a professional prismatic soft lampshade, increasing the coverage area by 20%

主照明通过专业柔光棱镜灯罩，增加20%照射范围

MEGAMAN FULL SPECTRUM CEILING breaks through traditional lighting technologies, delivering a bringing 360° bright and uniform illumination with softer light to create a entire high-quality luminous spaces.

突破传统照明技术，创造360度明亮、均匀，光线更柔和的全空间高品质光环境，不同场景护眼模式的光性能表现优秀。



*Global Eye-Care Ceiling
全局护眼吸顶灯



*Basic Ceiling
传统吸顶灯

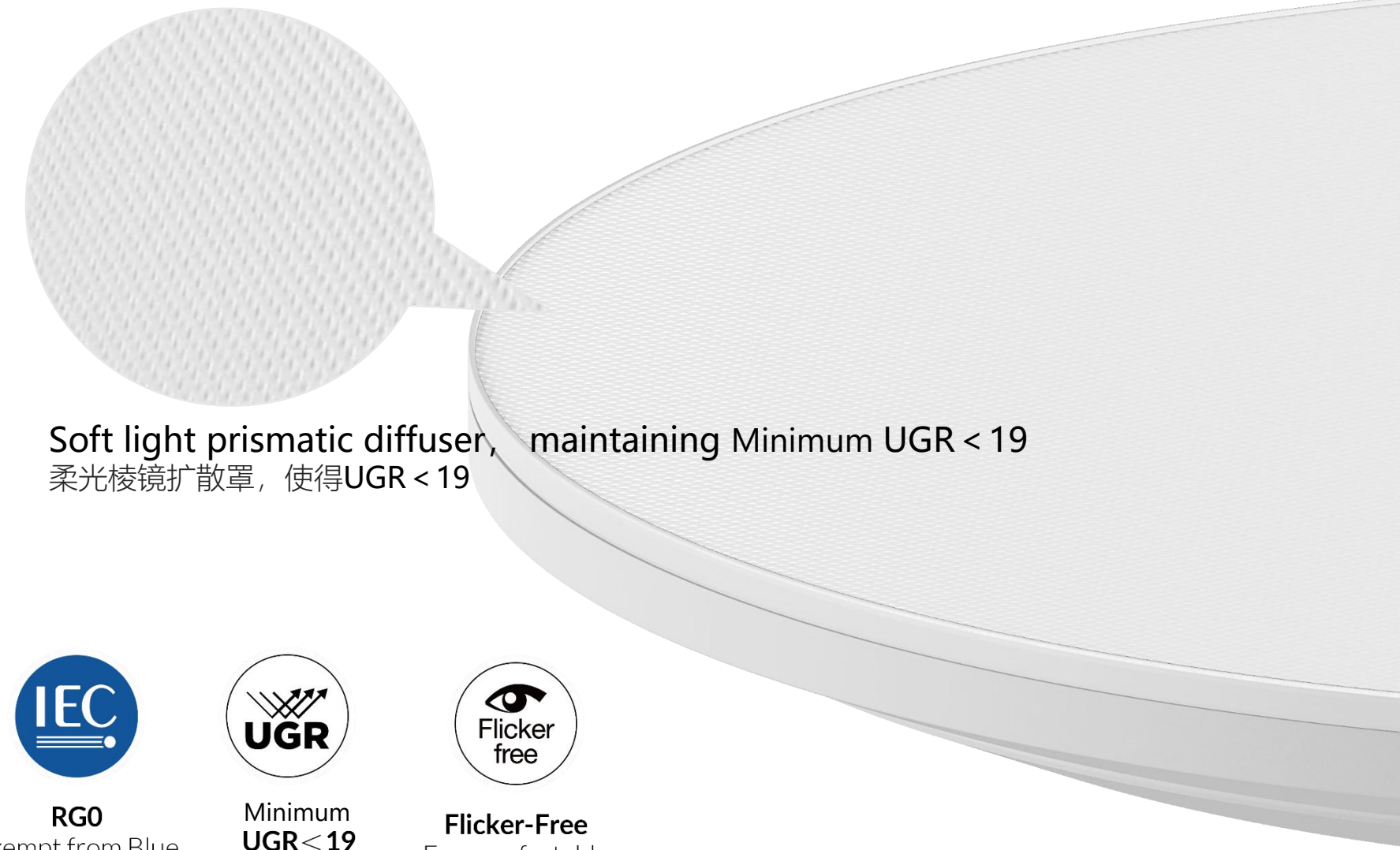
Benefits
产品利益点

Eye-protecting
护眼

Ra97
高显指

More brightness
更亮

Convenient
使用便捷



Soft light prismatic diffuser, maintaining Minimum UGR < 19
柔光棱镜扩散罩，使得UGR < 19

RG0
Exempt from Blue Light Hazard

Minimum **UGR < 19**
Anti-Glare Performance

Flicker-Free
Eye comfortable

Benefits
产品利益点









CRI 97

Ra97, High Color Rendering Index, True Color Restoration
Ra97，逼真色彩，高度还原物体真实色彩



Benefits
产品利益点

Eye-protecting
护眼

Ra97
高显指

More brightness
更亮

Convenient
使用便捷





Turnoff
背光关闭

Single color
单色背光

Colorful
炫彩流光
Optional Function

- **5000lm high illuminance**

50W high-power ceiling light with enhanced LED efficiency and reading-grade lumen output for bright, full-room illumination.

50W 高功率吸顶灯，采用高效灯珠，按照读写照明标准配比光通量，全屋更明亮

- **360° bright**

360° bright and uniform illumination with softer light to create a entire high-quality luminous spaces.

360 度均匀且明亮的照明，光线柔和，营造出整个高品质的发光空间

Benefits
产品利益点







Convenient
使用便捷



- Quick Installation， easy 3-Step Setu
  极简快装，轻松三步安装
- 3-Protection Design, easy Cleaning
  全密封三防设计，省心清洁
- Smart control via remote or wall switch
  支持智能控制，可通过遥控器及墙壁开关完成模式切换

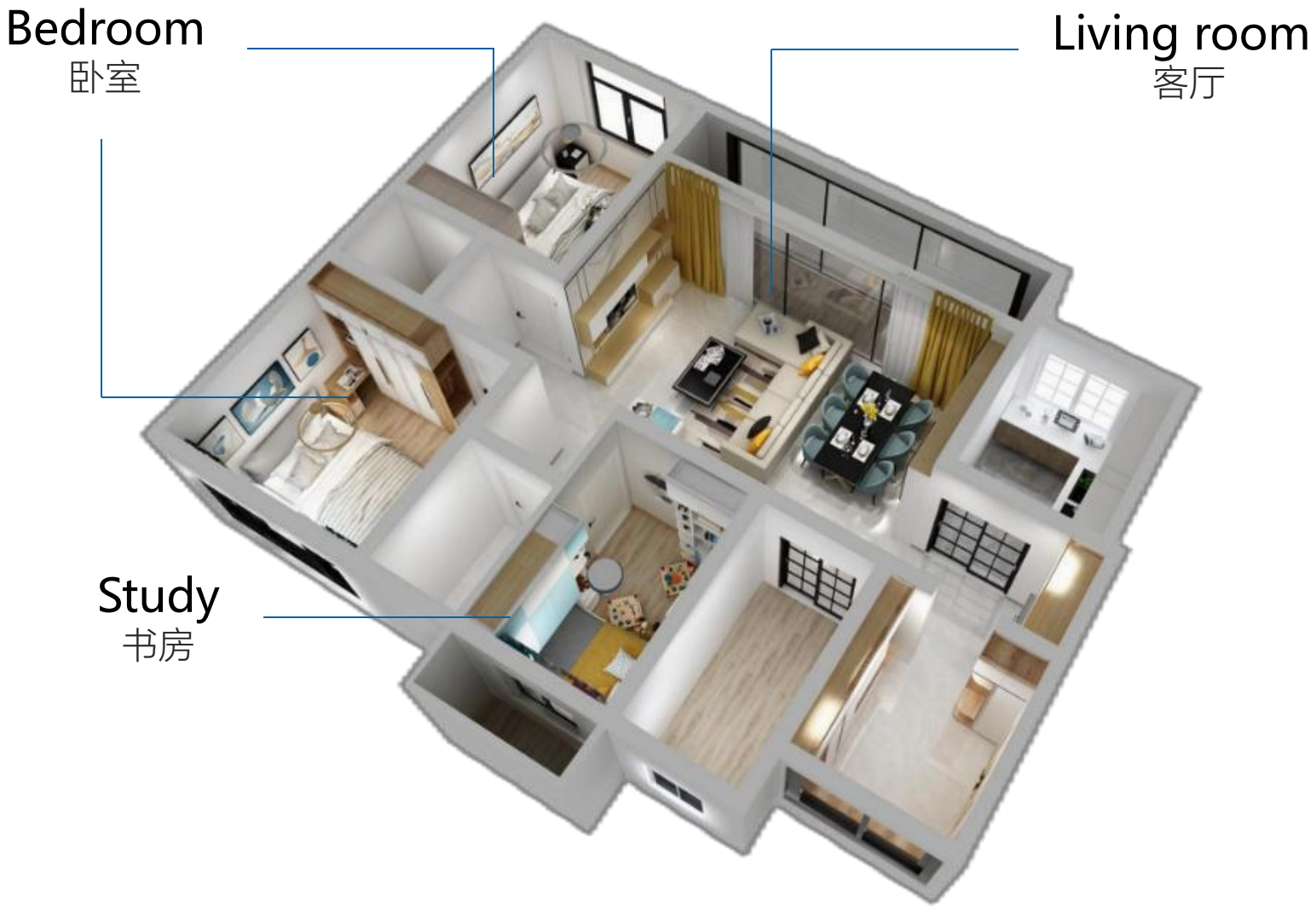


Quick-Connect Terminal Block， Easy Operation
快速接线端子，操作便捷

防护等级
IP40

One-Piece Structure，Dust & Insect Proof
无缝成型，有效防尘、防虫，减少日常清洁频率

Applications
应用场景



Product information

产品信息



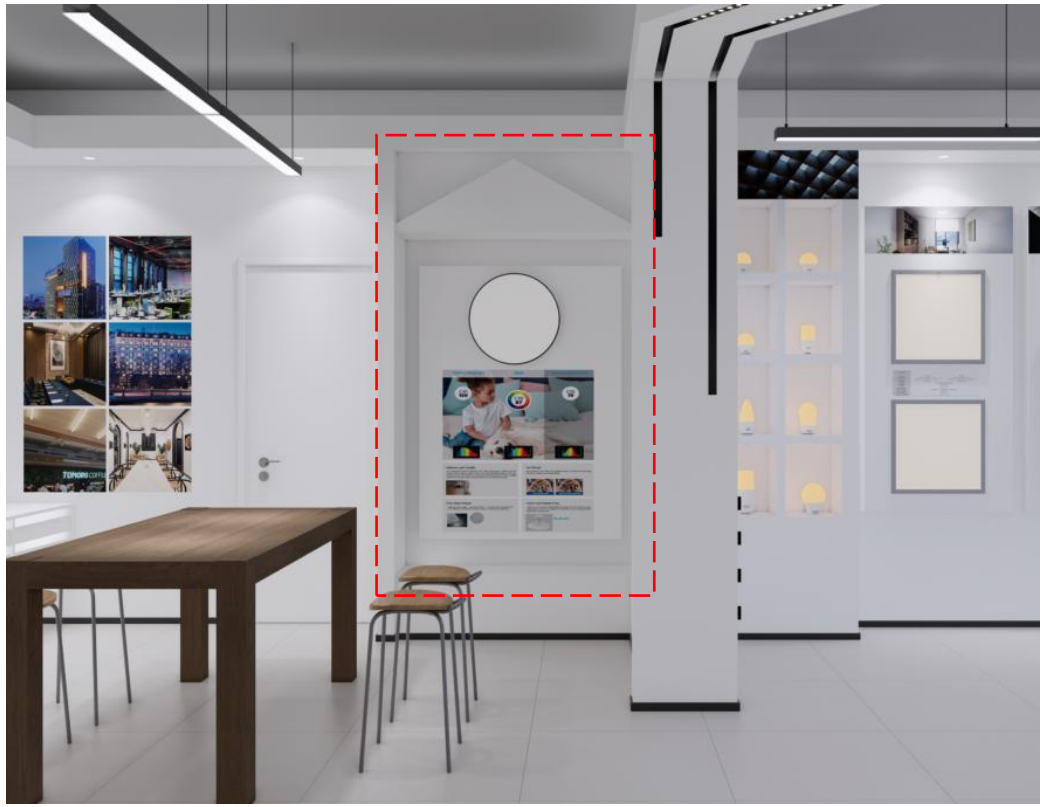


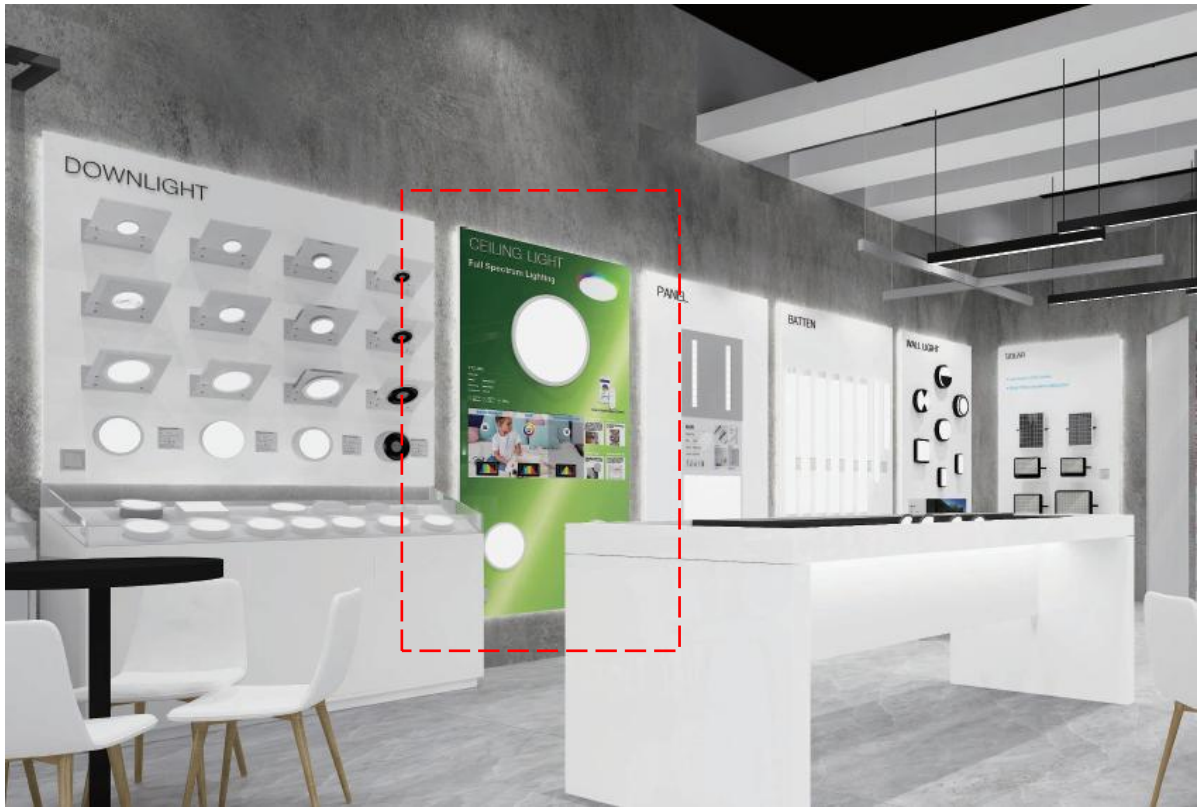
- **General Information**

Input voltage	100-240V~ 50/60Hz
PF	0.9
CRI	Ra97
Colour Temperature	2700K/4000K/6500K Dimmable
LED Lifetime	50,000hrs L70B50
IP	IP40
Protection Class	CL II
Working Temperature	-20~40℃
lm/W	100lm/W
material	PC
Flicker Free	Yes
Function	Remote control

Type	Watts	Voltage	PF	Luminous Flux	Beam Angle	CRI	Dimension (mm)	IP	lifetime
YTCL002	30w	100-240V	0.9	2800lm	110°	≥97	Ø400*62mm	IP40	50000hrs
YTCL002	50w	100-240V	0.9	5000lm	110°	≥97	Ø500*65mm	IP40	50000hrs
YTCL002	70w	100-240V	0.9	7000lm	110°	≥97	Ø600*65mm	IP40	50000hrs

Product display
产品出样





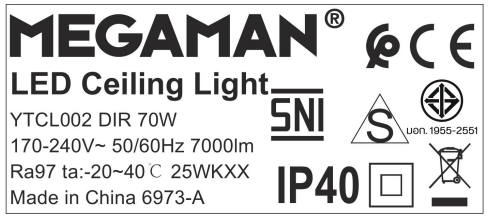
Packaging Information
包装信息



彩盒



大箱



灯印