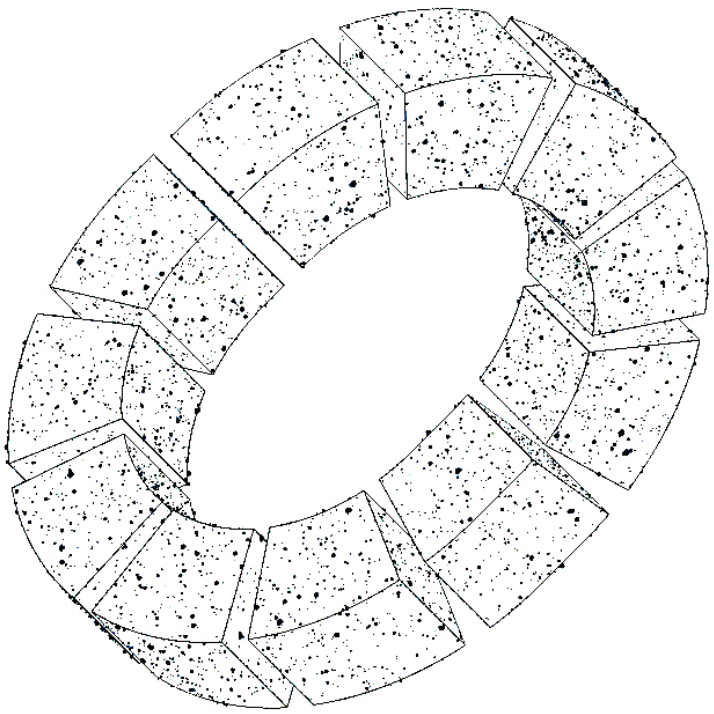
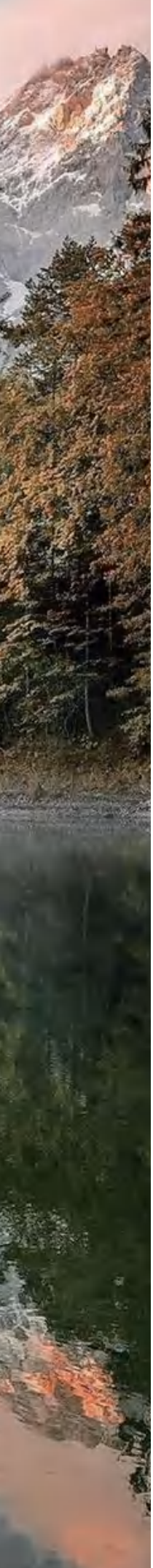
Brand story

Lighting because of people





inSona

inSona
从事嵌入式工业计算机及其自动化控制设计、研发、生产
国家级高新技术企业
旗下业务包括
工业物联网大数据SaaS平台
企业云、工业解决方案、智能家居
智能照明、智慧社区
能源管理等物联网众多领域
公司从事底层蓝牙协议开发已达十余年之久
突破性地将蓝牙自主网技术应用于智能家居领域
行业内目前处于技术领先水平
公司从通讯协议层、模组开发层、产品应用层
系统平台构建层完全形成了自主的技术通路
形成了高度的行业技术壁垒
公司研发团队拥有由多位博士、硕士等高端技术人才及众多研发人员
构成的近80人的开发团队
平均工作年限10年，擅长嵌入式软件、硬件、云端系统开发
具备大型项目设计、开发、测试、生产管理经验

INSONA
WHICH IS A NATIONAL HIGH-TECH ENTERPRISE
ENGAGED IN EMBEDDED INDUSTRIAL COMPUTERS AND AUTOMATION CONTROl DESIGN, R& D, PRODUCTION
THE BUSINESSES INCLUDE
INDUSTRIAL INTERNET OF THINGS BIG DATA SAAS PLATFORM
ENTERPRISE CLOUD,INDUSTRIAL SOLUTIONS,SMART HOME
SMART LIGHTING, SMART COMMUNITY,ENERGY MANAGEMENT
AND MANY OTHER FIELDS OF THE INTERNET OF THINGS
COMPANY HAS BEEN ENGAGED IN THE DEVELOPMENT OF UNDERLYING BLUETOOTH PROTOCOL
FOR MORE THAN TEN YEARS
THE BLUETOOTH AUTONOMOUS NETWORK TECHNOLOGY IS APPLIED TO THE FIELD OF SMART HOME
IN A BREAKTHROUGH WAY WHICH IS CURRENTLY AT THE LEADING LEVEL IN THE INDUSTRY
THE COMPANY HAS COMPLETELY FORMED AN AUTONOMOUS TECHNOLOGICAL PATH FROM THE COMMUNICATON
PROTOCOL LANER, MODULE DEVELOMENT LAYER , PRODUCT APLCATON LAYER
THE SYSTEM PLATFORM CONSTRUCTION LAYER HAS FORMED A HIGH DEGREE OF INDUSTRIAL TECHNICAL BARRIERS
THE COMPANYS R & D TEAM OF NEARLY 80 PEOPLEIS COMPOSED OF
A NUMBER OF HIGH-END TECHNICAL TALENTS AND R&D PERSONNEL
SUCH AS DOCTORS AND MASTERS
TEAMS AVERAGE WORK-LIFE IS 10 YEARS
THERE ARE GOOD AT EMBEDDED SOFTWARE,HARDMIARE AND CIOUD SYSTEM DEVEIOPMENT
AND HAS EXPERIENCE IN LARGE-SCALE PROJECT DESIGN,DEVELOPMENT,TESTING,AND PRODUCTION MANAGEMENT

20 | 08

开始蓝牙底层协议栈研发

STARTED THE RESEARCH AND DEVELOPMENT OF BLUETOOTH UNDERLYING PROTOCOL STACK

20 | 15

自组网蓝牙技术问世，模组开始量产

WITH THE ADVENT OF BLUETOOTH TECHNOLOGY IN AD HOC NETWORK, THE MODULE BEGAN MASS PRODUCTION

20 | 16

蓝牙模组量产进入海外市场销售年突破百万片

BLUETOOTH MODULES ARE MASS PRODUCED AND SOLD IN OVERSEAS MARKETS, WITH AN ANNUAL OUTPUT OF MORE THAN ONE MILLION

20 | 19

进入物联网行业并开始进军国内市场

ENTER THE INTERNET OF THINGS INDUSTRY AND BEGIN TO ENTER THE DOMESTIC MARKET

20 | 21

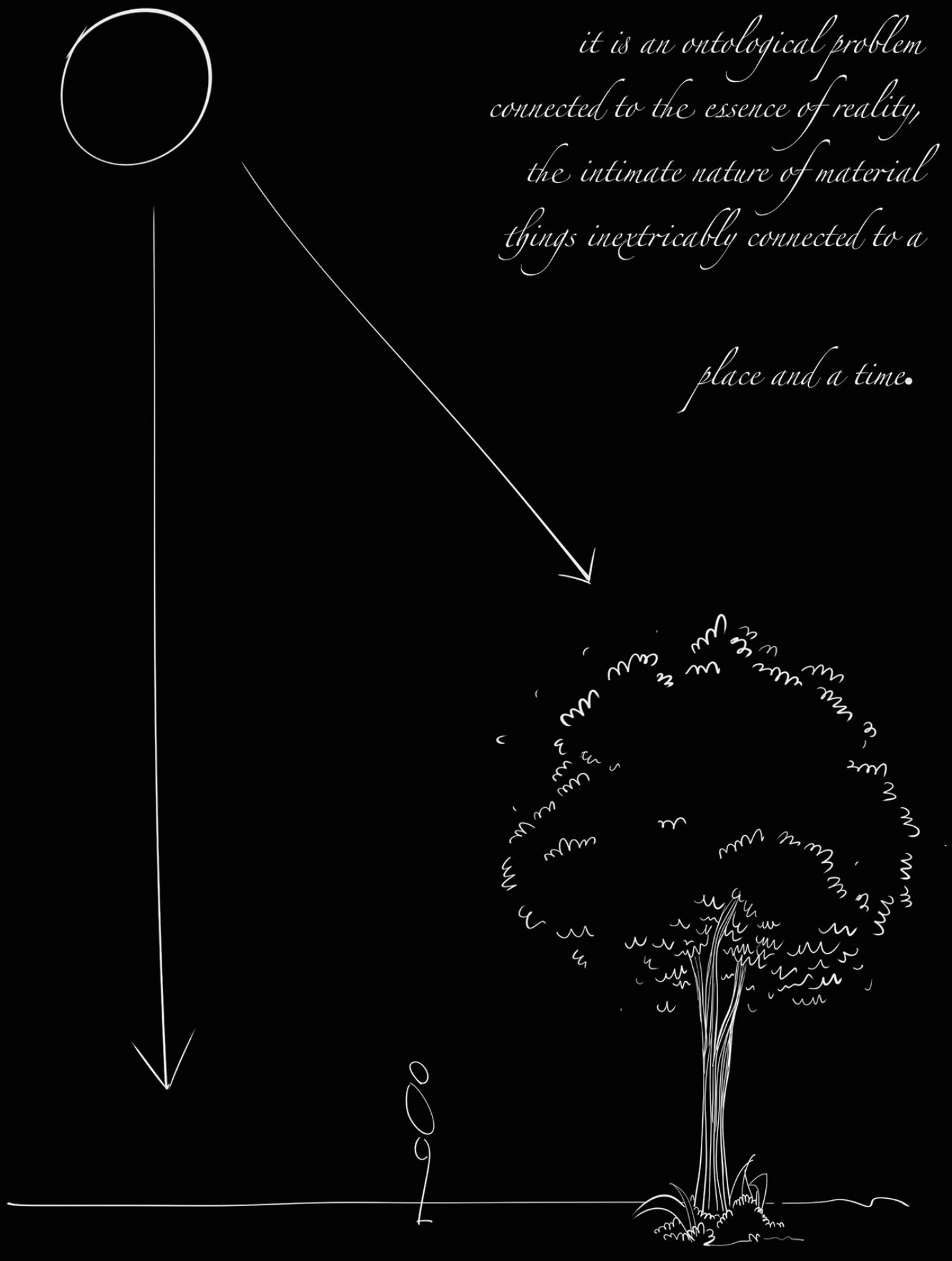
蓝牙生态产品正式发布
开始进行上下游市场生态整合

BLUETOOTH ECOLOGICAL PRODUCTS WERE OFFICIALLY RELEASED AND THE ECOLOGICAL INTEGRATION OF UPSTREAM AND DOWNSTREAM MARKETS BEGAN

20 | 23

健康光引擎系统发布
人因照明时代进入一个新纪元

HEALTH LIGHT ENGINE SYSTEM RELEASE
THE ERA OF HUMAN INDUCED LIGHTING HAS ENTERED A NEW ERA



it is an ontological problem
connected to the essence of reality,
the intimate nature of material
things inextricably connected to a

place and a time.

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节律丨人因丨健康

CIRCADIAN | HUMAN CENTRIC | WELLNESS

我们致力于打造和谐的光环境
满足阁下的生活便捷
情绪引导
健康需求

WE ARE COMMITTED TO CREATING A HARMONIOUS LIGHT ENVIRONMENT
MAKE YOUR LIFE EASIER
CHANNEL EMOTIONS
HEALTH NEEDS

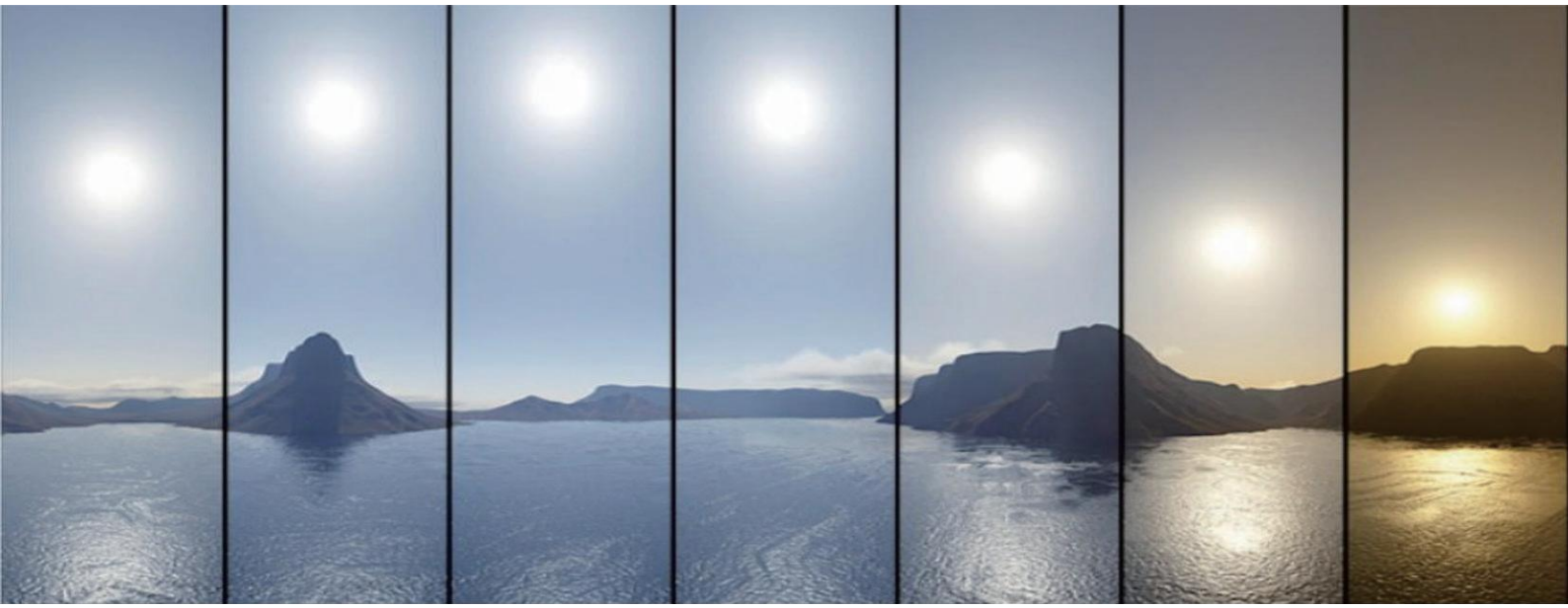
TEST RESULT

在相同光条件下
节律照明相比传统照明可使人体白天褪黑色素水平降低18%，精神集中度提升3%
在夜晚可使褪黑色素水平上升5%，并让人提前52分钟进入深度睡眠状态

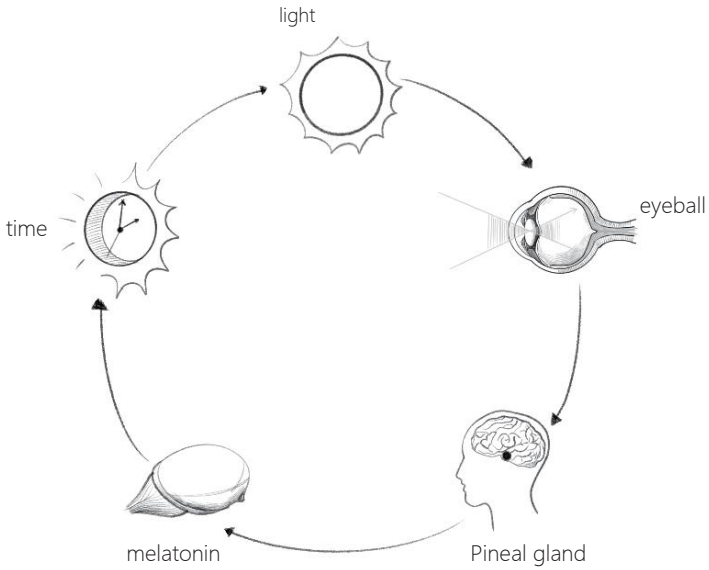
UNDER THE SAME LIGHT CONDITIONS
COMPARED WITH TRADITIONAL LIGHTING, CIRCADIAN LIGHTING CAN REDUCE THE LEVEL OF MELATONIN BY 18% AND IMPROVE THE CONCENTRATION BY 3%
IT CAN INCREASE MELATONIN LEVEL BY 5% AT NIGHT AND MAKE PEOPLE ENTER DEEP SLEEP 52 MINUTES IN ADVANC

以上内容摘自韩国国民大学

THE ABOVE IS EXCERPTED FROM KOREA NATIONAL UNIVERSITY

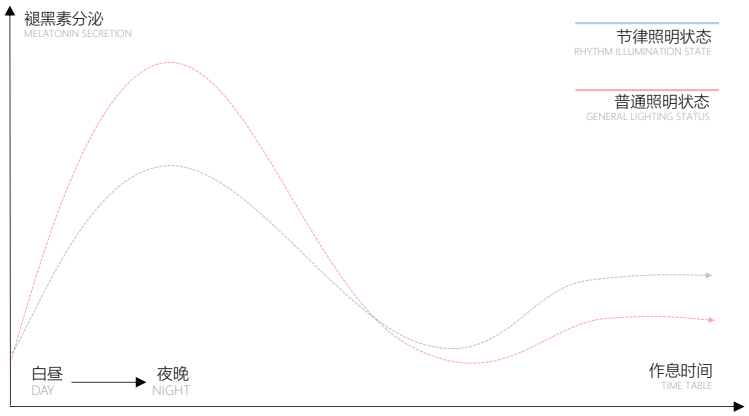


08 : 00 **10 : 00** **12 : 00** **14 : 00** **16 : 00** **18 : 00** **20 : 00**



PINEAL GLAND

EYEBALL



节律照明医学临床对照-试验资料
MEDICAL CLINICAL TRIAL DATA OF RHYTHM LIGHTING

试验地点 TEST SITE	韩国国民大学 National University of Korea
研究对象 RESEARCH OBJECT	30名30-50岁男性 30 MEN BETWEEN THE AGES OF 30 AND 50
试验周期 TEST CYCLE	每人3天2夜 3 DAYS AND 2 NIGHTS FOR EVERYONE
测验形式 TEST FORM	唾液，心率，脑电波，问卷，d2测试 SALIVA, HEART RATE, EEG, QUESTIONNAIRE, D2 TEST

22 : 00　24 : 00　02 : 00　04 : 00　06 : 00

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CIRCADIAN

2002年
视网膜上的第三种感光细胞——视网膜神经节感光细胞被发现
光生物效应得到全新的解释和发展
随着光的非视觉生物效应的研究
人们发现光照对于人类的影响不仅仅只是让人看清世界这么简单
同时也影响了人类的生理节律

照明与健康息息相关
基于LED易于进行数字化控制
可以根据人体对健康照明的需求进行精密调节
从而达到光谱、色度等光的非视觉生物效应的主要因素可控的特点
围绕LED照明技术的应用
智能健康照明系统的设计方案

2002
A THIRD TYPE OF PHOTORECEPTOR CELL IN THE RETINA---THE RETINAL GANGLION HOTORECEPTOR WAS FOUND
PHOTOBIOLOGICAL EFFECT HAS BEEN COMPLETELY EXPLAINED AND DEVELOPED
WITH THE STUDY OF NON-VISUAL BIOLOGICAL EFFECTS OF LIGHT
PEOPLE HAVE FOUND THAT THE IMPACT OF LIGHT ON HUMAN BEINGS IS NOT JUST TO LET PEOPLE SEE THE WORLD
AT THE SAME TIME,IT ALSO AFFECTS HUMAN CIRCADIAN RHYTHM

LIGHTING IS CLOSELY RELATED TO HEALTH
EASY DIGITAL CONTROL BASED ON LED
IT CAN BE PRECISELY ADJUSTED ACCORDING TO THE NEEDS OF HUMAN BODY FOR HEALTH LIGHTING
SO AS TO ACHIEVE THE CONTROLLABLE CHARACTERISTICS OF THE MAIN FACTORS OF NON VISUAL BIOLOGICAL EFFECTS OF LIGHT SUCH AS SPECTRUM AND CHROMATICITY
FOCUSING ON THE APPLICATION OF LED LIGHTING TECHNOLOGY
BUILD A DESIGN SCHEME FOR INTELLIGENT HEALTH LIGHTING SYSTEM

LIGHT CARE

光

在智能运用的基础下
被赋予了更重要的意义

他不仅仅是功能
更是空间里艺术的画笔
视觉的引导
情绪的表达
氛围的塑造

生活中的细节，光都会帮你想到
清晨的唤醒光引导您的精神状态
夜晚的助眠微光陪你渐渐入睡

我们强调的灯光运用不再是简单的功能
而是在贴近自然的基础上
光对人的关怀性

LIGHT

ON THE BASIS OF INTELLIGENT APPLICATION
GIVEN MORE SIGNIFICANCE

IT'S NOT JUST A FUNCTION
IT IS ALSO THE BRUSH OF ART IN SPACE
VISUAL GUIDANCE
EMOTIONAL EXPRESSION
SHAPING OF ATMOSPHERE

THE DETAILS OF LIFE, LIGHT WILL HELP YOU THINK OF IT
THE LIGHT OFEARLY MORNING GUIDES YOUR MENTAL STATE
THE DIM LIGHT OF SLEEP AID AT NIGHT ACCOMPANIES YOU TO SLEEP GRADUALLY

THE USE OF LIGHT WE EMPHASIZE IS NO LONGER A SIMPLE FUNCTION
BUT ON THE BASIS OF BEING CLOSE TO NATURE
LIGHT'S CARING FOR PEOPLE

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滚滚长江东逝水

HUMAN FACTOR

人因
以人为本
每个人因为阅历，性格，文化等种种原因
对光的感受不尽相同
我们拒绝模式化，三板斧 通过阁下的喜好
只做针对于您的照明环境 为您而做的设计

HUMAN CENTRIC,PEOPLE ORIENTED
BECAUSE OF PERSONAL EXPERIENCE,
CHARACTER,CULTURE AND OTHER REASONS
THE FEELING OF LIGHT IS DIFFERENT
WE REFUSE MODULARITY OR DO THINGS HALFWAY
ONLY DO FOR YOU
ONLY MAKE THE LIGHTING ENVIRONMENT THAT SUITS YOU

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ECOLOGICAL STRATEGY

生态战略布局

RELIABLE INFRASTRUCTURE

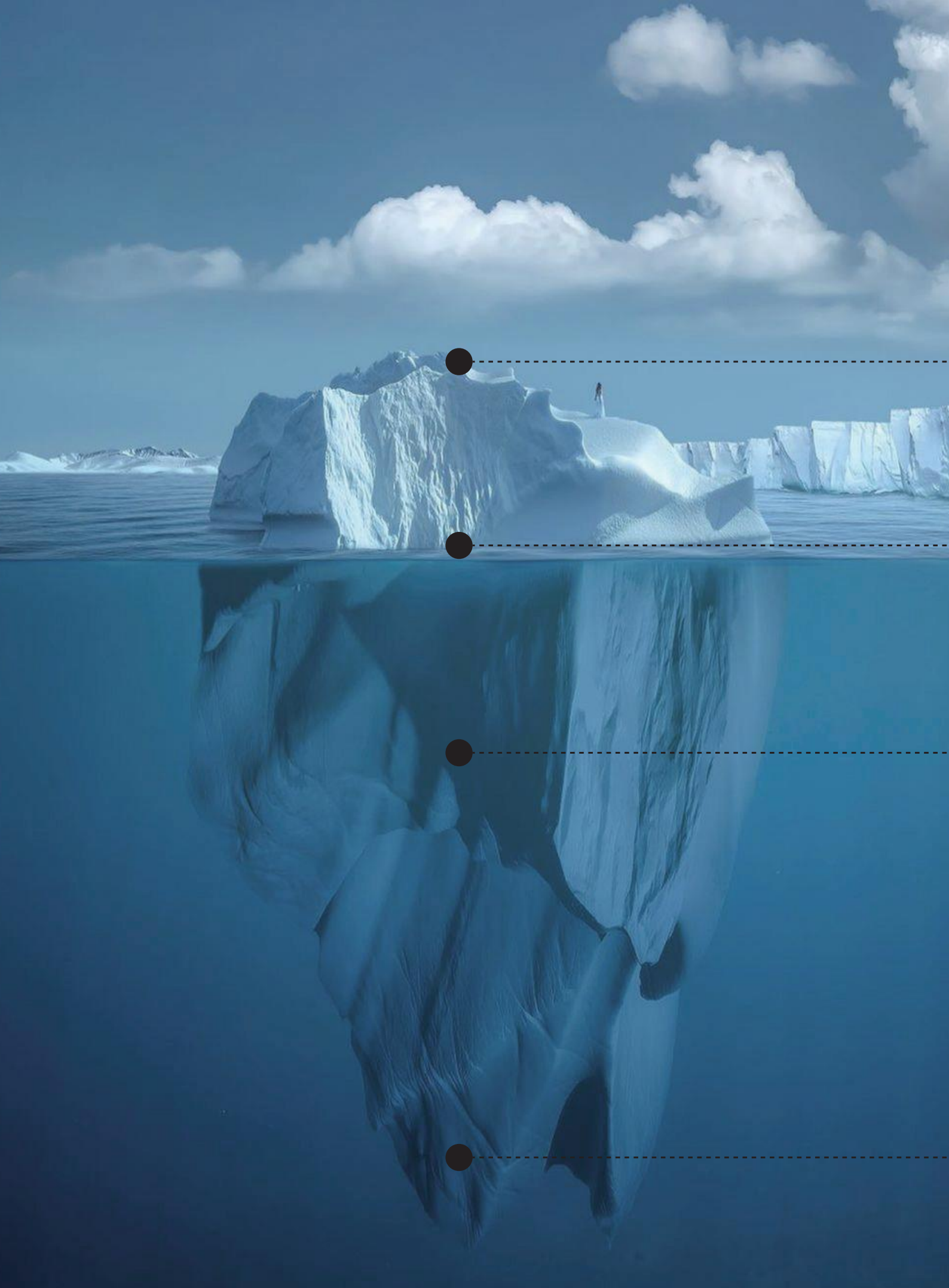
可靠的底层架构

OPEN AND COMPATIBLE ECOLOGY

开放兼容的生态

MULTIPLE APPLICATION MODES

多种运用方式



PRIVATE BLUETOOTH PROTOCOL
TEN YEARS OF BLUETOOTH UNDERLYING PROTOCOL
TECHNOLOGY PRECIPITATION

inSona

形成更稳定的底层架构
超大扩容节点，无网关支持250个节点同时运行，扩容节点可超过1000个

FORM A MORE STABLE UNDERLYING ARCHITECTURE
LARGE CAPACITY EXPANSION NODES, NO GATEWAY,
SUPPORT 250 NODES TO OPERATE AT THE SAME TIME,
AND THE CAPACITY EXPANSION NODES CAN EXCEED 1000

私有蓝牙协议
十年蓝牙底层协议技术沉淀

PRIVATE BLUETOOTH PROTOCOL
TEN YEARS OF BLUETOOTH UNDERLYING PROTOCOL
TECHNOLOGY PRECIPITATION

自主蓝牙底层协议优势
无需网关或主机，上电即可组网控制，组网更便捷，运行更可靠
去中心化，边缘计算技术，信息储存本地化，更安全

ADVANTAGES OF AUTONOMOUS BLUETOOTH UNDERLYING PROTOCOL
NO GATEWAY OR HOST IS NEEDED, THE NETWORK CAN BE CONTROLLED WHEN POWERED ON
THE NETWORK IS MORE CONVENIENT AND THE OPERATION IS MORE RELIABLE
DECENTRALIZATION, EDGE COMPUTING TECHNOLOGY
INFORMATION STORAGE LOCALIZATION, MORE SECURE NATURE

私有蓝牙协议，十年蓝牙底层协议技术沉淀
更快的通讯速率，更大的传输载荷，更强的抗干扰能力以及更稳定的组网方式
形成更稳定的底层架构
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PRIVATE BLUETOOTH PROTOCOL
A DECADE OF BLUETOOTH UNDERLYING PROTOCOL TECHNOLOGY PRECIPITATION
FASTER COMMUNICATION RATE, GREATER TRANSMISSION LOAD
STRONGER ANTI-INTERFERENCE ABILITY AND MORE STABLE NETWORKING MODE
FORM A MORE STABLE UNDERLYING ARCHITECTURE
LARGE CAPACITY EXPANSION NODES, NO GATEWAY,SUPPORT 250 NODES TO OPERATE AT THE SAME TIME
AND THE CAPACITY EXPANSION NODES CAN EXCEED 1000

NO GATEWAY　　SUPER LARGE NODE　　■ MORE STABLE

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万物互联 对接任何第三方智能中控系统
无阻隔丨享畅联

ALL THINGS
CONNECT WITH ANY THIRD-PARTY INTELLIGENT HUB SYSTEM
UNOBSTRUCTED CONNECTION

FASTER

inSona

云云对接 拓展任何第三方生态
强连接丨超稳定

DOCKING ANY THIRD-PARTY ECOSYSTEM
STRONG CONNECTION SUPER STABILITY

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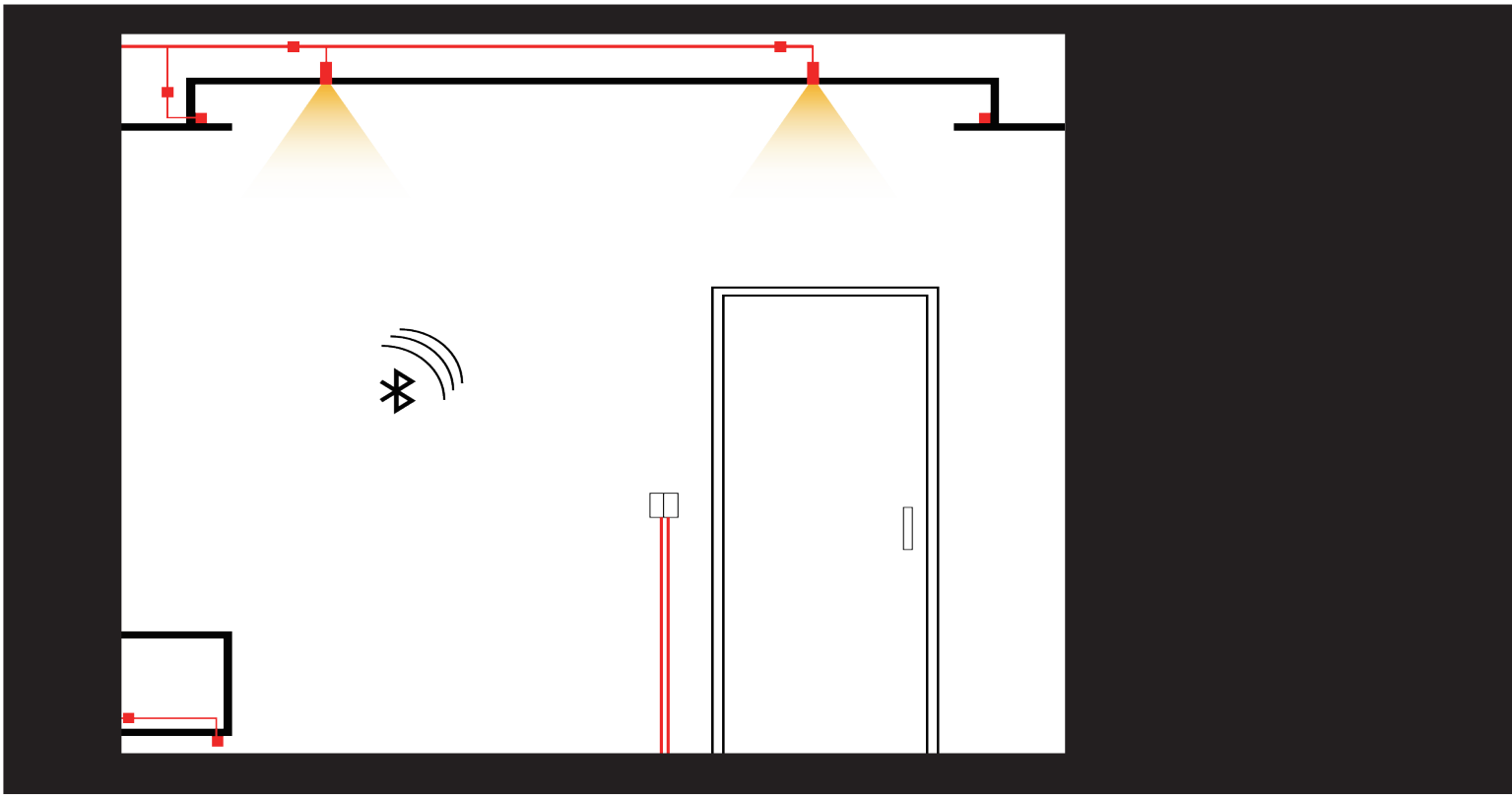
蓝牙蜂窝自组网
无需网关丨自成网络

BLUETOOTH CELLULAR AD HOC NETWORK
NO GATEWAY - SELF-CONTAINED NETWORK

NO GATEWAY　　SUPER LARGE NODE　　■ MORE STABLE



无网关丨超大节点丨更稳定丨更快捷
NO GATEWAY - SUPER LARGE NODE - MORE STABLE AND FASTER

自主蓝牙底层协议优势
无需网关或主机，上电即可组网控制，组网更便捷，运行更可靠
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INFORMATION STORAGE LOCALIZATION, MORE SECURE NATURE
LIGHT'S CONCERN FOR PEOPLE

私有蓝牙协议，十年蓝牙底层协议技术沉淀
更快的通讯速率，更大的传输载荷，更强的抗干扰能力以及更稳定的组网方式
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无网关
大节点
更稳定
更快捷

NO GATEWAY
SUPER LARGE NODE
MORE STABLE
AND FASTER

RHYTHM

ALGORITHM LOGIC

节律算法逻辑+APP界面
RHYTHM ALGORITHM LOGIC + APP INTERFACE

自主开发节律算法
精确到全世界各个角落的日出日落时间
自适应调节室内光线
符合人体节律作息

SELF DEVELOPED RHYTHM ALGORITHM
ACCURATE TO SUNRISE AND SUNSET IN ALL CORNERS OF THE WORLD
ADAPTIVE ADJUSTMENT OF INDOOR LIGHT
CONSISTENT WITH HUMAN RHYTHM

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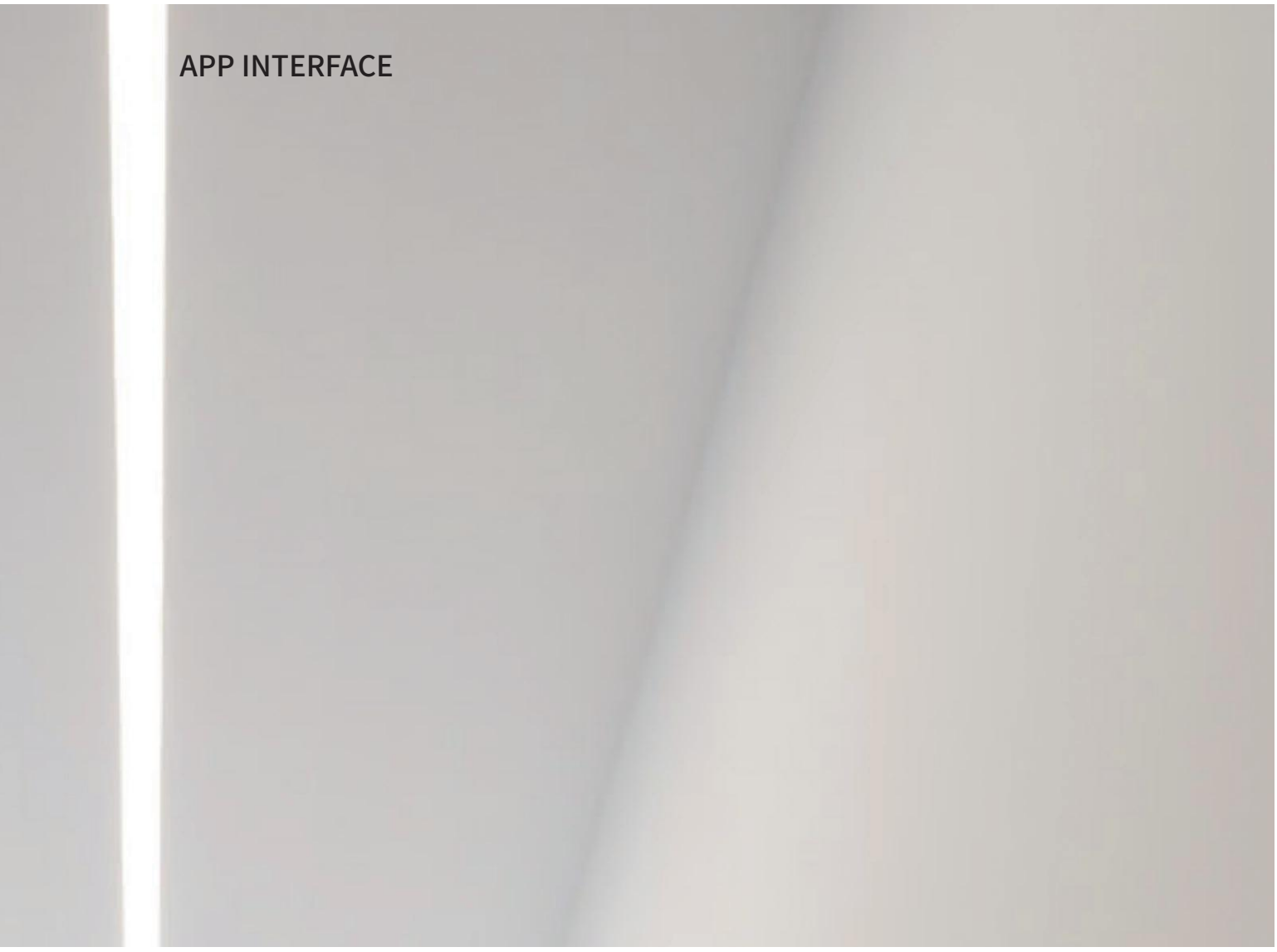
APP INTERFACE



XIAODU

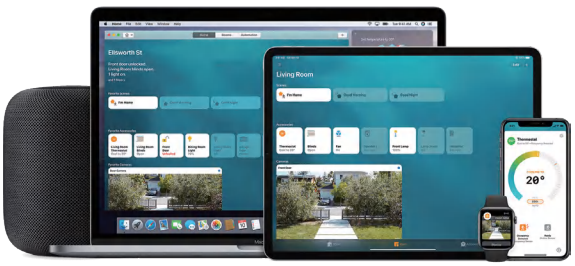
XIAOMI

TMALL GENIE

DUER OS

语音生态平台接入
VOICE ECOLOGICAL PLATFORM

SELF DEVELOPED RHYTHM ALGORITHM
ACCURATE TO SUNRISE AND SUNSET IN ALL CORNERS OF THE WORLD
ADAPTIVE ADJUSTMENT OF INDOOR LIGHT
CONSISTENT WITH HUMAN RHYTHM



家庭

HOMKIT生态
VOICE ECOLOGICAL PLATFORM

空调

全面兼容Homkit生态系统
打通智能生态配套类产品

水龙头

FULLY COMPATIBLE WITH THE HOMKIT ECOSYSTEM
OPEN UP INTELLIGENT ECOLOGICAL SUPPORTING PRODUCTS

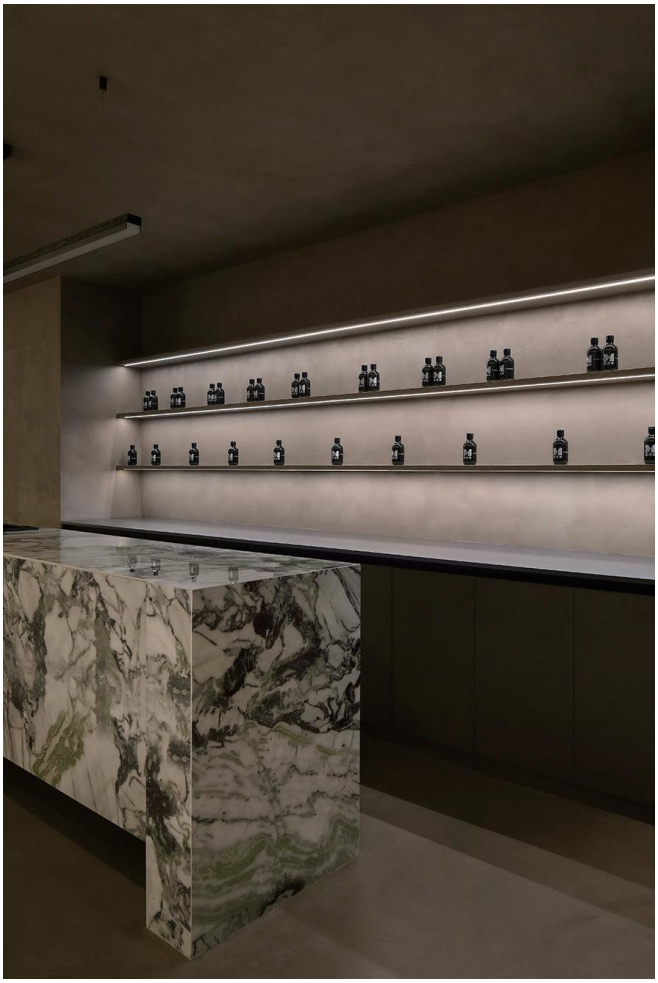
SIRI

VOICE ECOLOGICAL PLATFORM LOGIC

空气净化器 桥接器 摄像头 门铃 风扇 接收器 路由器 防盗系统 感应器 扬声器 花洒

车库门 加湿器 照明 门锁 插座 开关 恒温器 窗户

inSona



全屋定制
WHOLE HOUSE CUSTOMIZATION

深度合作，全面支持木作照明
全型材配合，满足各种安装条件，支持智慧照明

IN DEPTH COOPERATION AND COMPREHENSIVE SUPPORT FOR WOOD LIGHTING
FULL PROFILE MATCHING TO MEET VARIOUS INSTALLATION CONDITIONS
AND SUPPORT INTELLIGENT LIGHTING

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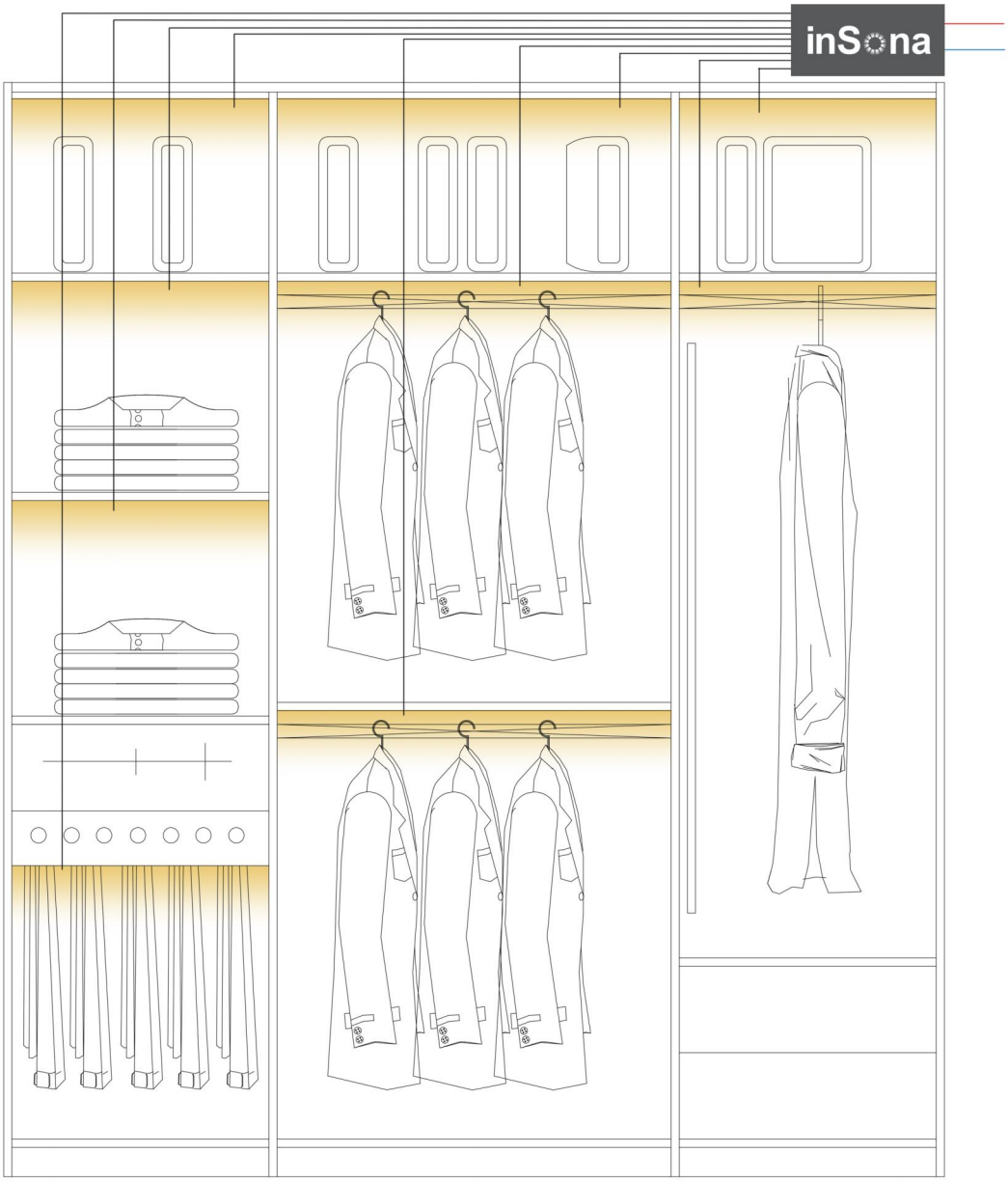
分层式集线控制器
LAYERED HUB CONTROLLER

单层单控，调光调色
层板灯带支持全型材配合
打造独一无二的全屋定制家居

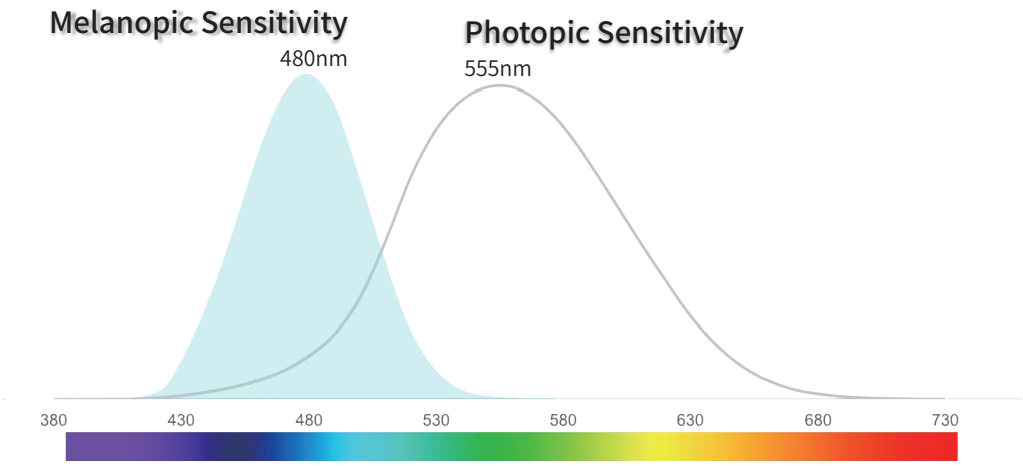
SINGLE LAYER SINGLE CONTROL, DIMMING AND COLOR ADJUSTMENT
LAMINATED LIGHT STRIP SUPPORTS FULL PROFILE MATCHING
CREATING A UNIQUE WHOLE-HOUSE CUSTOMIZED HOME



人因节律灯带
HUMAN CENTRIC RHYTHM LIGHT STRIP

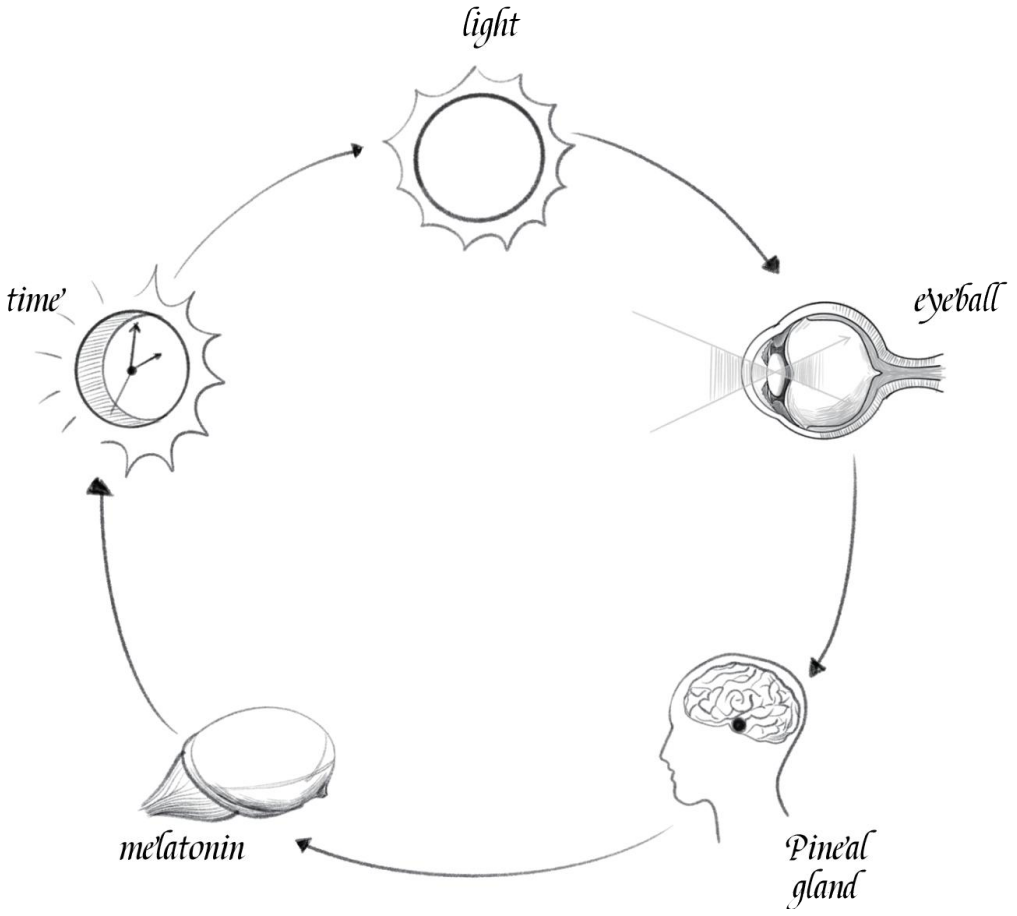
有效控制480nm波段的光谱能量
就能调整人体的生理节律

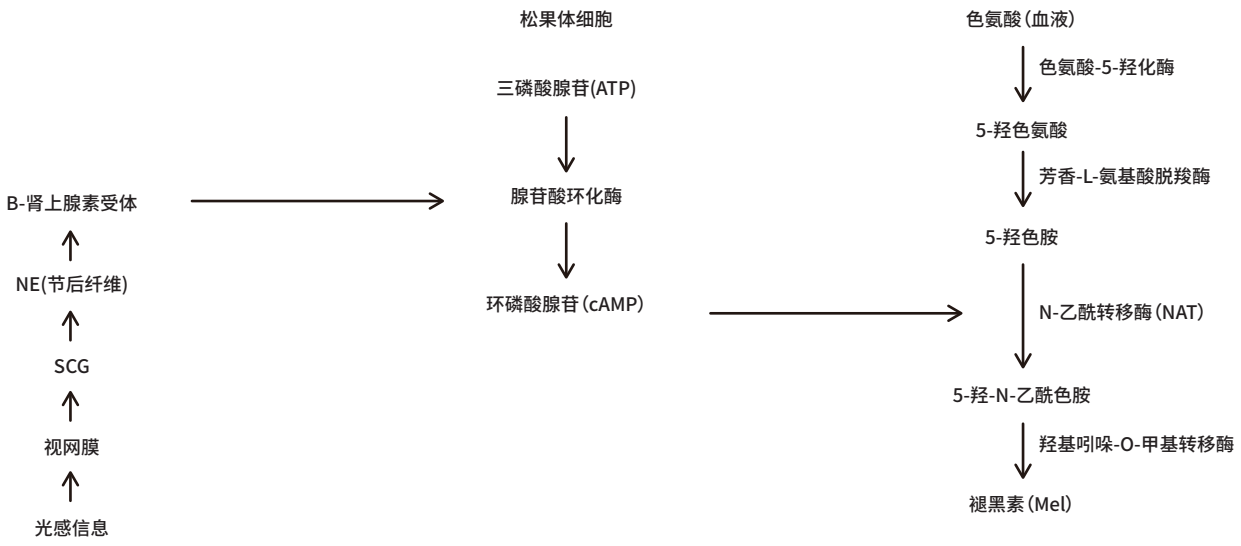
EFFECTIVELY CONTROLLING SPECTRAL ENERGY IN THE 480NM BAND
CAN ADJUST THE PHYSIOLOGICAL RHYTHM OF THE HUMAN BODY



PER蛋白基因：period----自我反馈调节

TIM蛋白基因：timeless----辅助PER蛋白工作





DBT 蛋白基因：doubletime----精确计时

SAMSUNG

褪黑素(Melatonin, Mel)的化学名称为5-甲氧基-N-乙酰色胺
其生物合成主要在松果体细胞内进行，以色氨酸为原料，由5-羟色胺在酶的作用下转变而成。
Mel的生物合成既取决于光照，又受交感神经的影响。当光信号到达颈上神经节(SCG)，交感神经节后纤维抑制去甲肾上腺素(NE)的释放；而在黑暗时，交感神经元释放较多的肾上腺素，激活腺苷酸环化酶，促使环磷酸腺苷合成，激活NAT酶，促进Mel的合成。
松果体分泌Mel的途径：一种是分泌进入脑脊液；另一种是分泌直接进入血液循环。
Mel分泌量与年龄有关，随着年龄增长，Mel逐渐减少，大约每10年衰减10%~15%。
研究发现，在无光照季节，Mel的24小时节律依然保持；同样，持续光照的夏季，人体也保持一定的昼夜节律性，表明Mel分泌的昼夜节律周期机制是内源性的，是人类漫长的进化过程中形成的。

2017 诺贝尔生理学或医学奖--决定生物钟的三个基因

Mel已显示出多种生物学作用、广泛的应用前景。

出自“科普中国”百科科学词条编写与应用工作项目

THE CHEMICAL NAME OF MELATONIN (MEL) IS 5-METHOXY-N-ACETYLTRYPTAMINE.
ITS BIOSYNTHESIS IS MAINLY CARRIED OUT IN PINEAL GLAND CELLS. WITH TRYPTOPHAN AS RAW MATERIAL, IT IS TRANSFORMED BY 5-HYDROXYTRYPTAMINE UNDER THE ACTION OF ENZYME.
THE BIOSYNTHESIS OF MEL DEPENDS ON BOTH LIGHT AND SYMPATHETIC NERVE. WHEN THE LIGHT SIGNAL REACHES THE SUPERIOR CERVICAL GANGLION (SCG), THE SYMPATHETIC POSTGANGLIONIC FIBERS INHIBIT THE RELEASE OF NOREPINEPHRINE (NE); IN THE DARK, SYMPATHETIC NEURONS RELEASE MORE ADRENALINE, ACTIVATE ADENYLATE CYCLASE, PROMOTE THE SYNTHESIS OF CYCLIC ADENOSINE MONOPHOSPHATE, ACTIVATE NAT ENZYME AND PROMOTE THE SYNTHESIS OF MEL.
THE PINEAL GLAND SECRETES MEL IN THE FOLLOWING WAYS: ONE IS SECRETED INTO CEREBROSPINAL FLUID; THE OTHER IS SECRETED DIRECTLY INTO THE BLOOD CIRCULATION.
MEL SECRETION IS RELATED TO AGE. WITH AGE, MEL GRADUALLY DECREASES AND DECREASES BY 10% ~ 15% EVERY 10 YEARS.
THE STUDY FOUND THAT MEL'S 24-HOUR RHYTHM REMAINED IN THE DARK SEASON; SIMILARLY, IN THE SUMMER WITH CONTINUOUS LIGHT, THE HUMAN BODY ALSO MAINTAINS A CERTAIN CIRCADIAN RHYTHM, INDICATING THAT THE CIRCADIAN RHYTHM CYCLE MECHANISM SECRETED BY MEL IS ENDOGENOUS AND FORMED IN THE LONG PROCESS OF HUMAN EVOLUTION.

2017 NOBEL PRIZE IN PHYSIOLOGY OR MEDICINE -- THREE GENES THAT DETERMINE THE BIOLOGICAL CLOCK
MEL HAS SHOWN A VARIETY OF BIOLOGICAL FUNCTIONS AND BROAD APPLICATION PROSPECTS.

延缓老年性痴呆

抑制肿瘤

抑制癫痫

缓解昼夜节律紊乱

缓解抑郁症

性早熟和抗生育

保护脑神经元抑制细胞凋亡

预防骨质疏松

健康光引擎系统
HEALTHY LIGHT ENGINE SYSTEM

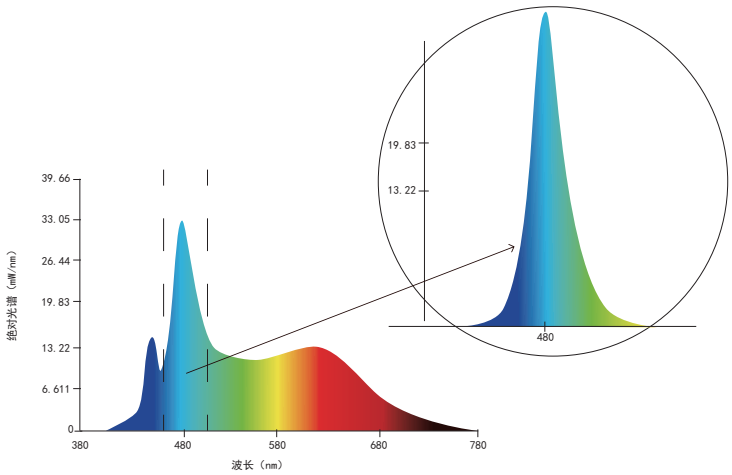
inSona

HEALTHY LIGHT

节律因子COB-治愈光
RHYTHMIC FACTOR COB-HEALING LIGHT

节律因子COB
通过对光谱中480nm波段的波长进行调节
从而对人体褪黑素的分泌产生影响

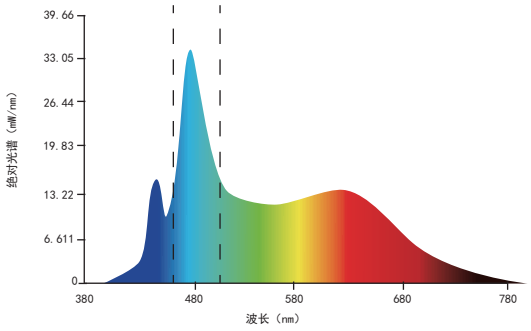
RHYTHM FACTOR COB
BY ADJUSTING THE WAVELENGTH OF THE 480NM BAND IN THE SPECTRUM
THEREBY AFFECTING THE SECRETION OF MELATONIN IN THE HUMAN BODY



昼夜型COB-健康光
DAY+NIGHT COB-HEALTHY LIGHT

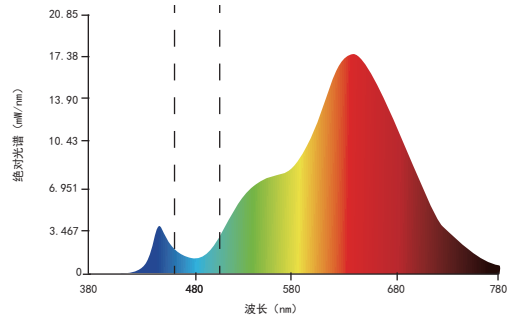
白天型:6500K
高480nm波长,抑制褪黑素分泌
增加蓝绿色SPD→ 高 M/P ratio
让人更加精力充沛

DAYTIME: 6500K
HIGH 480NM WAVELENGTH, IN HIBITING MELATONIN SECRETION
INCREASE BLUE-GREEN SPD → HIGH M/P RATIO
MAKE PEOPLE MORE ENERGETIC



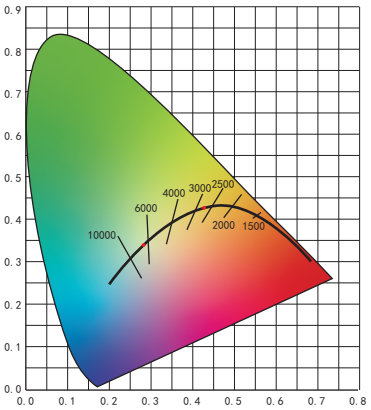
夜晚型:2700K
低480nm波长,促进褪黑素分泌
降低蓝绿色SPD→ 低 M/P ratio
让人更加放松舒畅

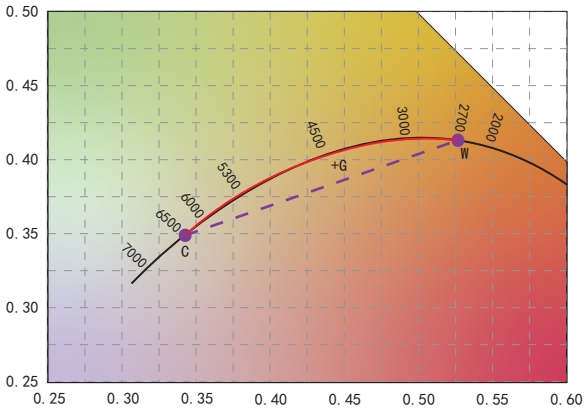
NIGHT: 2700K
LOW 480NM WAVELENGTH PROMOTES MELATONIN SECRETION
REDUCE BLUE-GREEN SPD → LOW M/P RATIO
MAKE PEOPLE MORE RELAXED AND COMFORTABLE



NATURAL LIGHT

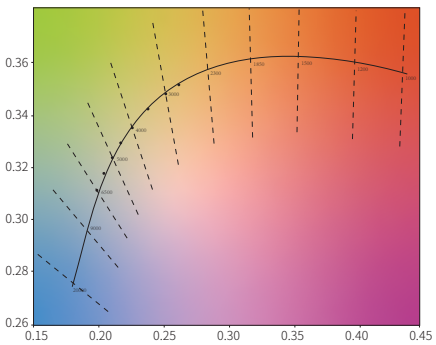
多点连续全光谱COB-自然光
MULTIPOINT CONTINUOUS FULL SPECTRUM COB-NATURAL LIGHT

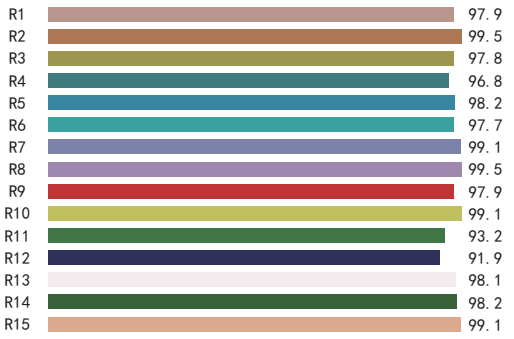




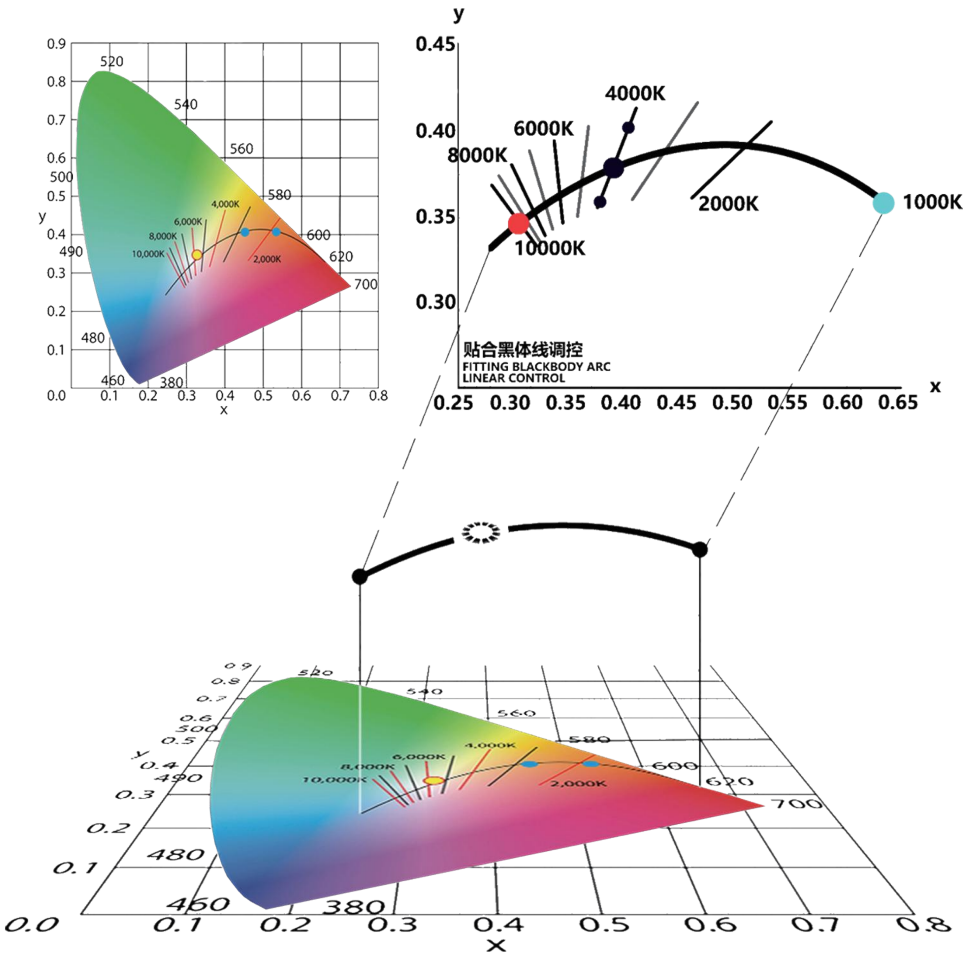
inSona多线全光谱COB
三线款COB，冷暖色温采用全光谱光源，在中间色温调节添加绿色光，可将原来调光曲线从直线与黑体线重合
从而实现双色温多线全光谱

INSONA MULTI-LINE FULL SPECTRUM COB
THE THREE LINE COB ADOPTS A FULL SPECTRUM LIGHT SOURCE FOR COLD AND WARM COLOR TEMPERATURES.
GREEN LIGHT IS ADDED TO THE MIDDLE COLOR TEMPERATURE ADJUSTMENT, WHICH CAN OVERLAP THE ORIGINAL
DIMMING CURVE FROM THE STRAIGHT LINE TO THE BLACKBODY LINE





HEALING LIGHT



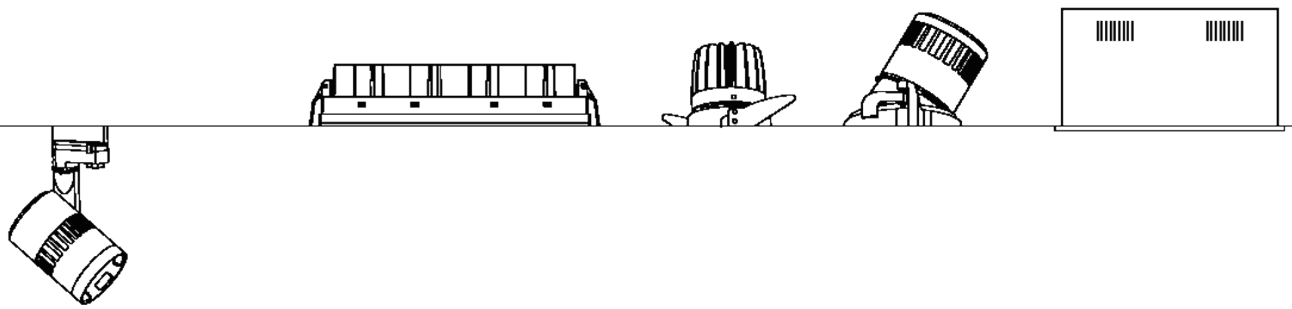
可调光谱
TUNABLE SPECTRUM

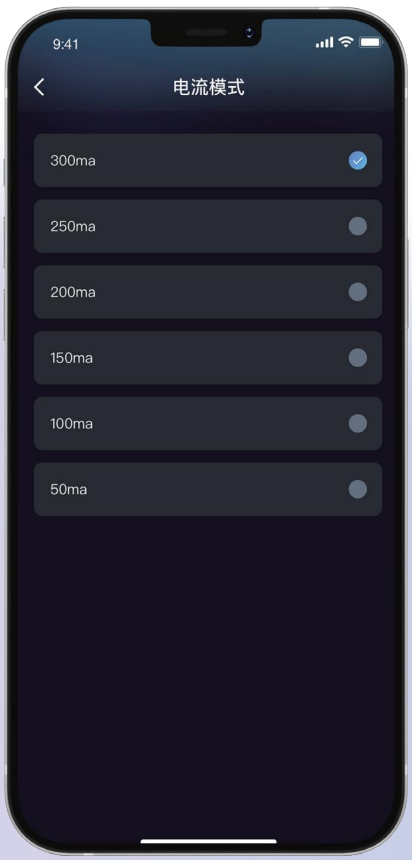
创新式光谱可调算法
最大程度模拟全光谱
还原真实的自然光、在家就能享受自然光

INNOVATIVE SPECTRAL TUNABLE ALGORITHM
MAXIMUM SIMULATION OF THE FULL SPECTRUM
RESTORE REAL NATURAL LIGHT AND ENJOY NATURAL LIGHT AT HOME

传统灯具丨射灯，磁吸灯，线性灯等厂家

TRADITIONAL LAMPS, SPOTLIGHTS, MAGNETIC LAMPS, LINEAR LAMPS AND OTHER MANUFACTURERS





万分之一深度调光，万里调一，由你定格，
专业赋能传统照明设备

ONE IN TEN THOUSANDTH DEPTH DIMMING, ONE IN TEN THOUSAND, IT'S UP TO YOU TO SET THE FRAME,
PROFESSIONAL EMPOWERING OF TRADITIONAL LIGHTING EQUIPMENT

宽电压输入，电流模式自由调节
全面兼容各功率射灯类型

WIDE VOLTAGE INPUT, FREE REGULATION OF CURRENT MODE
FULLY COMPATIBLE WITH ALL POWER SPOTLIGHT TYPES

单双色温调节适配
单色温 双色温类型射灯

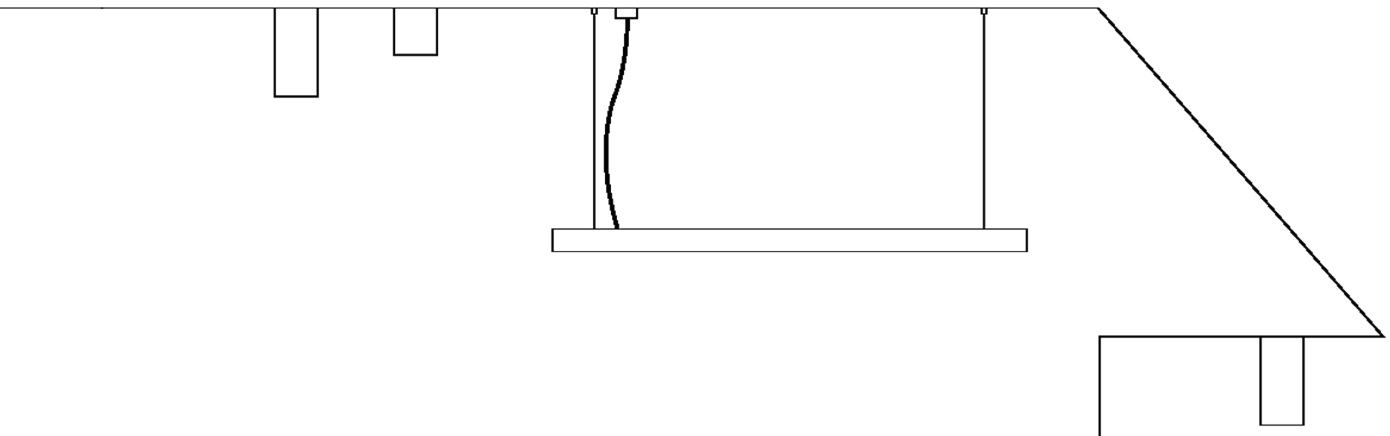
SINGLE AND DOUBLE COLOR TEMPERATURE ADJUSTMENT
ADAPTS TO SINGLE COLOR TEMPERATURE AND
TWO COLOR TEMPERATURE TYPE SPOTLIGHT

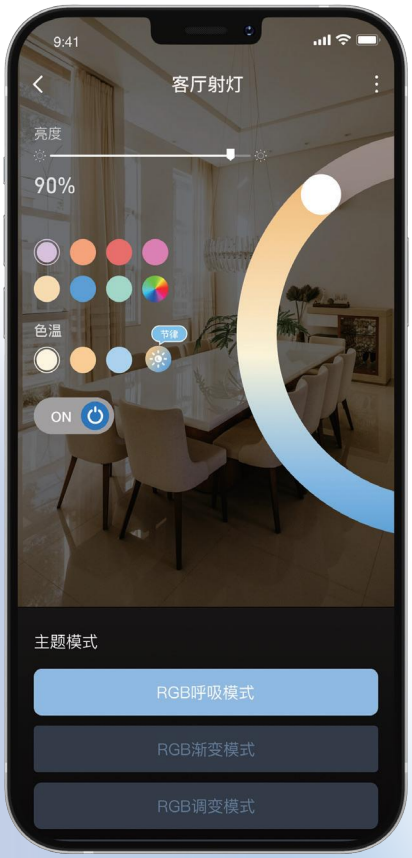
单灯单控，摆脱线路限制，自定义色温，亮度调节
场景定制随心所欲

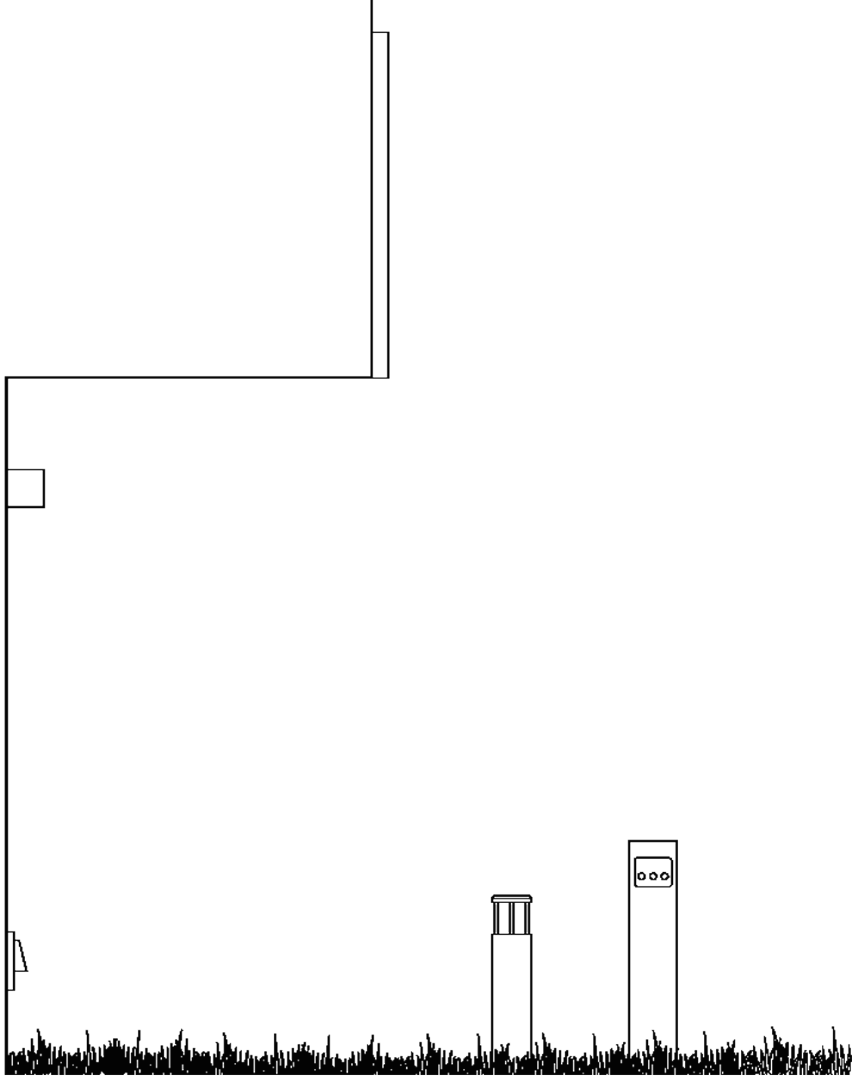
SINGLE LAMP AND SINGLE CONTROL, GET RID OF THE LINE LIMIT, CUSTOMIZE THE COLOR TEMPERATURE AND ADJUST THE BRIGHTNESS
SCENE CUSTOMIZATION AT WILL

支持开启时长自定义设置，常规灯具
轻松实现缓开缓灭

SUPPORT CUSTOM SETTING OF OPENING DURATION, CONVENTIONAL LAMPS
EASY TO REALIZE SLOW ON AND SLOW OFF IN CONVENTIONAL LAMPS







超深度调光
ULTRA DEEP DIMMING

随意定格时间
万里调一丨能源管控丨定时管理

EREEZE AT ANY TIME
ONE IN A MULLION - ENERGY CONTROL- SCHEDUIIED MANAGEMENT

00:01

万分之一
ONE IN A MILLION

万里调一，随帧定格
超线性，超精准，超便捷

ONE IN A MILLION, FREEZE AT ANY TIME.
SUPER LINEAR, SUPER ACCURATE AND
SUPER CONVENIENT

能源管控
ENERGY CONTROL

细枝末节，了然于胸
单灯用电功耗，做功时间记录与测算

THE DETAILS ARE WELL UNDERSTOOD
RECORDING AND CALCULATION OF POWER CONSUMPTION
AND WORK TIME OF SINGLE LAMP

定时管理
SCHEDULED MANAGEMENT

时间掌控，随时随地
定时开启，变换，关闭智能系统，贴合生活

TIME CONTROL.ANYTIME ANYWHERE
TURN ON, CHANGE AND TURN OFF THE INTELLIGENT SYSTEM
REGULARIY TO FIT THE LIFE

inSona

智能集成系统对接
INTELLIGENT INTEGRATED SYSTEM DOCKING

配套子系统 音乐、暖通、支持拓展第三方智能配套系统

SELF DEVELOPED RHYTHM ALGORITHM
ACCURATE TO SUNRISE AND SUNSET IN ALL CORNERS OF THE WORLD
ADAPTIVE ADJUSTMENT OF INDOOR LIGHT
WORK AND REST IN LINE WITH HUMAN RHYTHM

控制系统丨第三方中控、C4、快思聪
赛万特 可接入专业智能家居中控系统、互联互通、联动控制
CONTROL SYSTEM - THE THIRD-PARTY CENTRAL CONTROL, C4, CRESTRON AND SAVANT
CAN BE CONNECTED TO THE PROFESSIONAL SMART HOME CENTRAL CONTROL SYSTEM FOR
INTERCONNECTION AND LINKAGE CONTROL

SAVANT

Control4

CRESTRON

DALI

inSona

智慧生活
INTELLIGENT LIFE

EARLY MORNING

清晨

伴随初升的朝阳
窗帘缓缓开启
智慧灯具模拟柔和的自然光线
从2700K的暖色光渐变到3500K的暖白光
亮度从0-60%逐渐点亮
将人体从睡眠中缓慢唤醒

EARLY MORNING

WITH THE RISING SUN
THE CURTAINS OPENED SLOWLY
SMART LAMPS SIMULATE SOFT NATURAL LIGHT
FROM 2700K WARM LIGHT TO 3500K WARM WHITE LIGHT
THE BRIGHTNESS GRADUALLY LIGHTS UP FROM O TO 60%
SLOWLY WAKE PEOPLE FROM SLEEP

GO HOME

下班回家

灯光自动调整为日落前的3000K
60%的亮度
温柔的灯光场景
壁炉般的温暖
在相对舒适，惬意的光环境下
洗去一天的疲惫

COME HOME FROM WORK

THE LIGHT IS AUTOMATICALLY ADJUSTED TO 3000K BEFORE SUNSET
60% BRIGHTNESS
GENTLE LIGHTING SCENE
FIREPLACE WARMTH
IN A RELATIVELY COMFORTABLE AND PLEASANT LIGHT ENVIRONMENT
REFRESH THE FATIGUE OF THE DAY

DINNER TIME

晚餐时间

备餐时调整为温和清晰的4000K
80%的亮度
满足备餐时的用光需求
就餐时的色温调整到温馨惬意的2700K
身临其境高档餐厅
来一次浪漫的晚餐

DINNER TIME

ADJUST TO A MILD AND CLEAR 4000K WHEN PREPARING MEALS
80% BRIGHTNESS
MEET THE LIGHT DEMAND DURING MEAL PREPARATION
ADJUST THE COLOR TEMPERATURE AT DINNER TO 2700K
IMMERSIVE HIGH-END RESTAURANT
HAVE A ROMANTIC DINNER

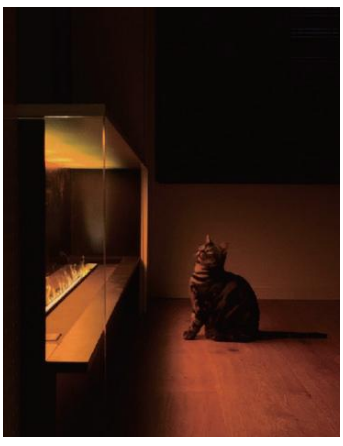
GOOD NIGHT

晚安

忙碌了一整天
此时灯光已经调整为2700K
琥珀色的灯光，促进褪黑素分泌
有助于提早进入深度睡眠
夜间，开启小夜灯模式
微弱的灯光，不影响睡眠的前提下
为晚上起夜提供足够的照度

GOOD NIGHT

AFTER A BUSY DAY AT WORK
THE LIGHT HAS BEEN ADJUSTED TO 2700K
AMBER LIGHT PROMOTES MELATONIN SECRETION
IT HELPS TO ENTER DEEP SLEEP EARLY
AT NIGHT, TURN ON THE SMALL NIGHT LIGHT MODE
WEAK LIGHT DOES NOT AFFECT SLEEP
PROVIDE SUFFICIENT ILLUMINATION FOR STARTING AT NIGHT



inSona

智慧生活
INTELLIGENT LIFE

GO HOME

下班回家

灯光自动调整为日落前的3000K
60%的亮度
温柔的灯光场景
壁炉般的温暖
在相对舒适，惬意的光环境下
洗去一天的疲惫

COME HOME FROM WORK

THE LIGHT IS AUTOMATICALLY ADJUSTED TO 3000K BEFORE SUNSET
60% BRIGHTNESS
GENTLE LIGHTING SCENE
FIREPLACE WARMTH
IN A RELATIVELY COMFORTABLE AND PLEASANT LIGHT ENVIRONMENT
WASH AWAY THE FATIGUE OF THE DAY

模式名称 MODE NAME	天花主射灯 MAIN LIGHT	天花氛围灯 MODE LIGHT	中位照明 MEDIAN LIGHT	低位照明 LOW LEVEL LIGHT
回家模式 HOME MODE	长亮 80% 3000K	长亮 80% 3000K	长亮 80% 3000K	长亮 50% 3000K
茶歇模式 TEA BREAK MODE	长灭 80% 2700K	长亮 10% 2700K	长亮 50% 2700K	长亮 30% 2700K
观影模式 VIEWING MODE	长灭 0% 2700K	长亮 10% RGBW	长亮 10% RGBW	长灭 0% 2700K
清洁模式 CLEANING MODE	长亮 100% 6500K	长亮 100% 6500K	长亮 100% 6500K	长亮 100% 6500K
会客模式 RECEPTION MODE	长亮 100% 3000K	长亮 80% 3000K	长亮 80% 3000K	长亮 50% 2700K

模式说明
MODE DESCRIPTION

观影模式：RGBCW灯光的开启，让观影时的氛围更加愉悦
CLEANING MODE: HIGH COLOR TEMPERATURE AND HIGH ILLUMINATION, YOU CAN SEE THE DIRT MORE CLEARLY WHEN CLEANING AND ALSO REPLACE THE FUNCTION OF FULL OPEN AND FULL CLOSE OF THE SPACE.

EARLY MORNING

清晨

伴随初生的朝阳
窗帘缓缓开启
智慧灯具模拟柔和的自然光线
从2700K的暖色光渐变到3500K的暖白光
亮度从0-60%逐渐点亮
将人体从睡眠中缓慢唤醒

EARLY MORNING

WITH THE RISING SUN
THE CURTAINS OPENED SLOWLY
SMART LAMPS SIMULATE SOFT NATURAL LIGHT
FROM 2700K WARM LIGHT TO 3500K WARM WHITE LIGHT
THE BRIGHTNESS GRADUALLY LIGHTS UP FROM 0-60%
WAKE THE HUMAN BODY SLOWLY FROM SLEEP

模式名称 MODE NAME	天花主射灯 MAIN LIGHT	天花氛围灯 MODE LIGHT	中位照明 MEDIAN LIGHT	低位照明 LOW LEVEL LIGHT
柔和模式 MILD MODE	长亮 80% 3000K	长亮 80% 3000K	长亮 80% 3000K	长亮 50% 3000K
阅读模式 READING MODE	长灭 80% 4000K	长亮 80% 4000K	长亮 50% 2700K	长亮 0% 2700K
观影模式 VIEWING MODE	长灭 0% 2700K	长亮 10% RGBCW	长亮 10% RGBCW	长灭 0% 2700K
清洁模式 CLEANING MODE	长亮 100% 6500K	长亮 100% 6500K	长亮 100% 6500K	长亮 100% 6500K
起夜模式 UP AT NIGHT	长亮 0% 2700K	长亮 0% 2700K	长亮 0% 2700K	长亮 10% 2700K

模式说明
MODE DESCRIPTION

清洁模式：高色温高照度，在打扫卫生时可以更清晰的看见污物，也代替了空间全开全关的作用
CLEANING MODE: HIGH COLOR TEMPERATURE AND HIGH ILLUMINATION, YOU CAN SEE THE DIRT MORE CLEARLY WHEN CLEANING, AND ALSO REPLACE THE FUNCTION OF FULL OPEN AND FULL CLOSE OF THE SPACE.

FUNCTIONAL

TRANSFORMATION LOGIC

inSona

KA连锁门店
KA CHAIN STORE

亮度，色温自定义，满足不同材质，不同季节
不同颜色的物体对灯光的需求

CUSTOMIZE BRIGHTNESS AND COLOR TEMPERATURE
MEET THE LIGHTING NEEDS OF OBJECTS OF DIFFERENT
MATERIALS, DIFFERENT SEASONS AND DIFFERENT COLORS

根据门店风格定制特色主题灯光模式，打造网红打卡点
提升客流量，增加消费者留店时间
提高消费机率

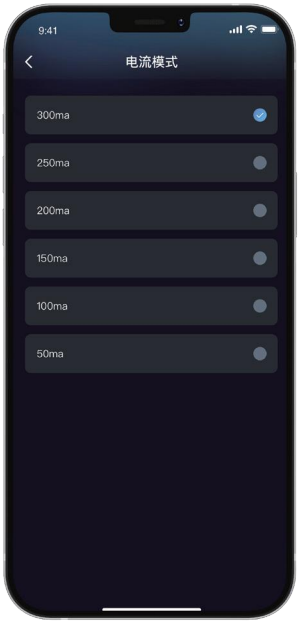
CUSTOMIZE THE SPECIAL THEME LIGHTING MODE ACCORDING TO THE
STORE STYLE TO CREATE POPULAR CHECK-IN POINTS
INCREASE THE PASSENGER FLOW AND INCREASE THE TIME FOR
CONSUMERS TO STAY IN THE STORE
INCREASE THE PROBABILITY OF CONSUMPTION

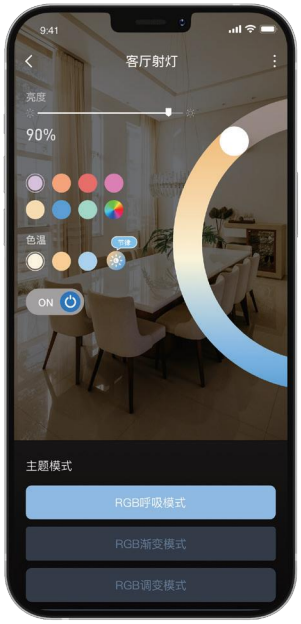
能耗管理，故障设备检测
降低能耗的同时杜绝用电隐患

ENERGY CONSUMPTION MANAGEMENT,
FAULT EQUIPMENT DETECTION
REDUCE ENERGY CONSUMPTION AND ELIMINATE HIDDEN
DANGERS OF ELECTRICITY USE

EXCESSIVE

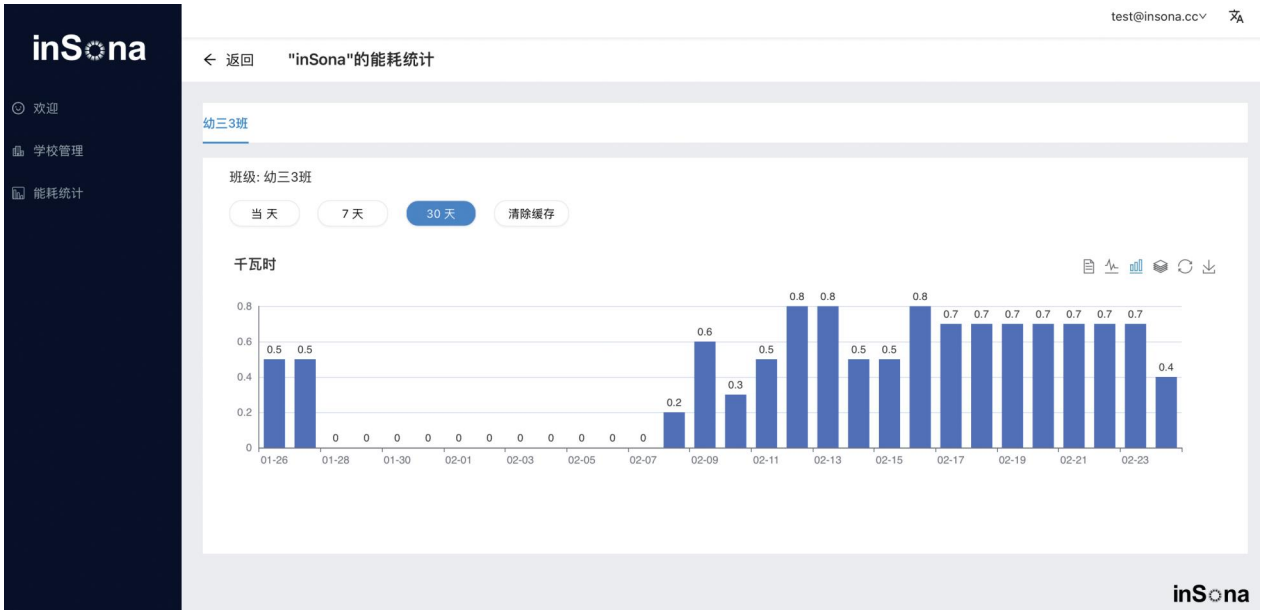
ATMOSPHERE

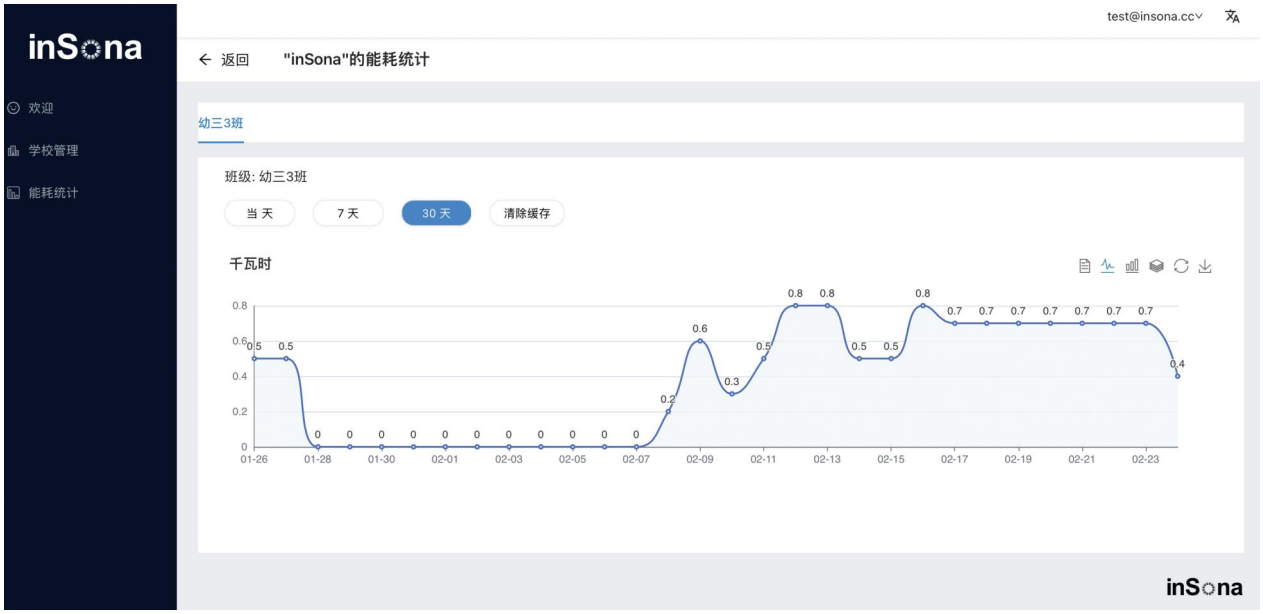




FUNCTIONAL

TRANSFORMATIONLOGIC





后台实时监测
用电管理，节约电源，绿色环保

BACKGROUND REAL-TIME MONITORING
POWER MANAGEMENT, SAVING LIGHT SOURCE,
GREEN ENVIRONMENTAL PROTECTION

故障设备异常上报
防止用电事故导致火灾发生

ABNORMAL REPORTING OF FAULTY EQUIPMENT
PREVENT FIRE CAUSED BY POWER ACCIDENTS

完全本地化管理
无需受到云服务平台影响，更省心

FULLY LOCALIZED MANAGEMENT
NO NEED TO BE AFFECTED BY CLOUD SERVICE PLATFORM,
MORE WORRY FREE

节律照明，健康用光
缓解眼部疲劳，降低近视率
调节身体节律，呵护学生健康

RHYTHM LIGHTING, HEALTHY LIGHT
RELIEVE EYE FATIGUE AND REDUCE MYOPIA RATE
REGULATE BODY RHYTHM AND TAKE CARE OF
STUDENTS' HEALTH

EXCESSIVE ATMOSPHERE

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学校教育照明

SCHOOL EDUCATION LIGHTING

FUNCTIONAL

TRANSFORMATIONLOGIC

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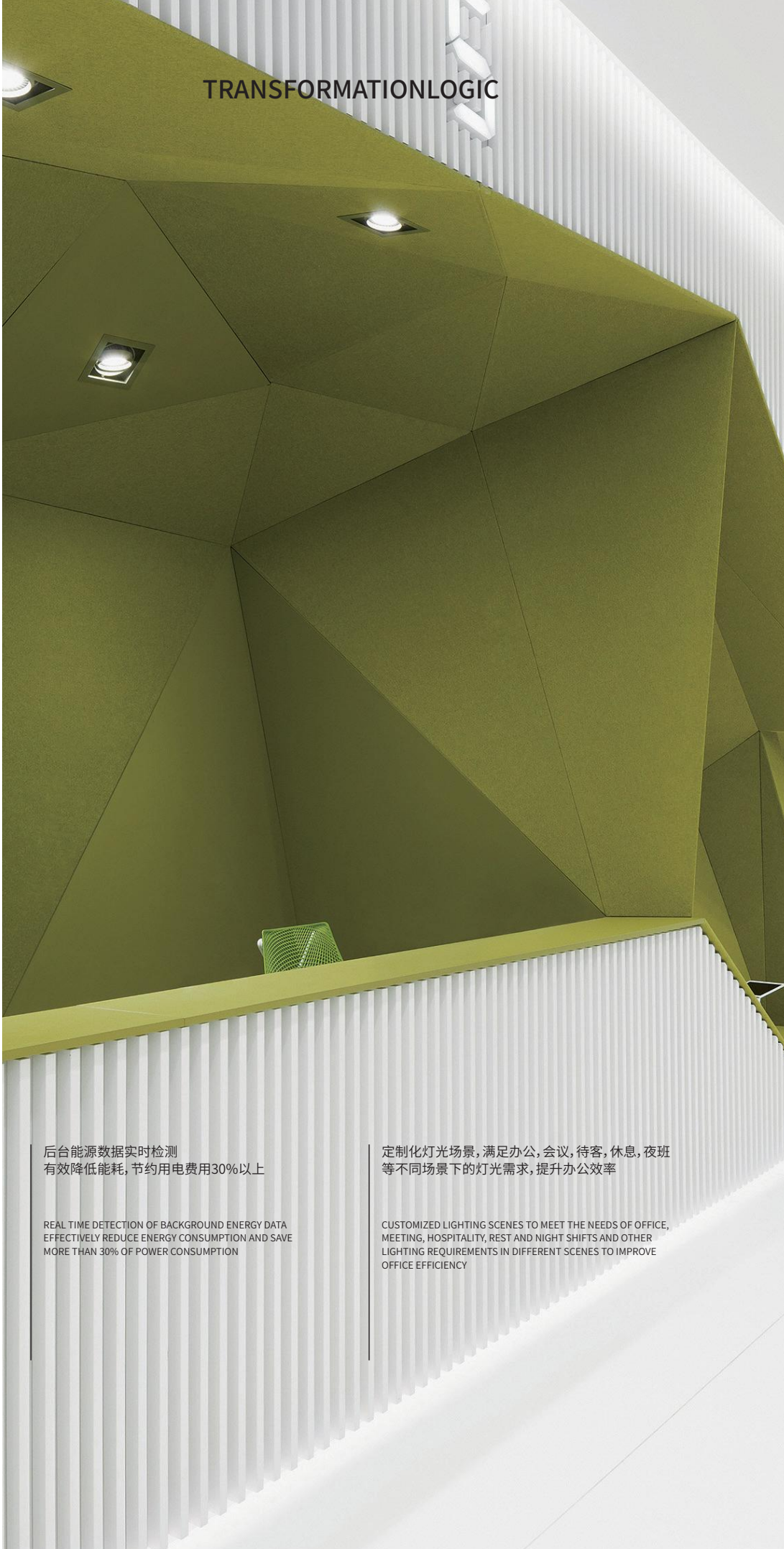


BEACON定位识别技术，实时监测人员
办公物品等动向，提升管理效率

BEACON POSITIONING AND RECOGNITION TECHNOLOGY.
REAL-TIME MONITORING PEOPLE.OFFICE SUPPLIES AND
OTHER TRENDS TO IMPROVE MANAGEMENT EFFICIENCY

后台能源数据实时检测
有效降低能耗，节约用电费用30%以上

REAL TIME DETECTION OF BACKGROUND ENERGY DATA
EFFECTIVELY REDUCE ENERGY CONSUMPTION AND SAVE
MORE THAN 30% OF POWER CONSUMPTION

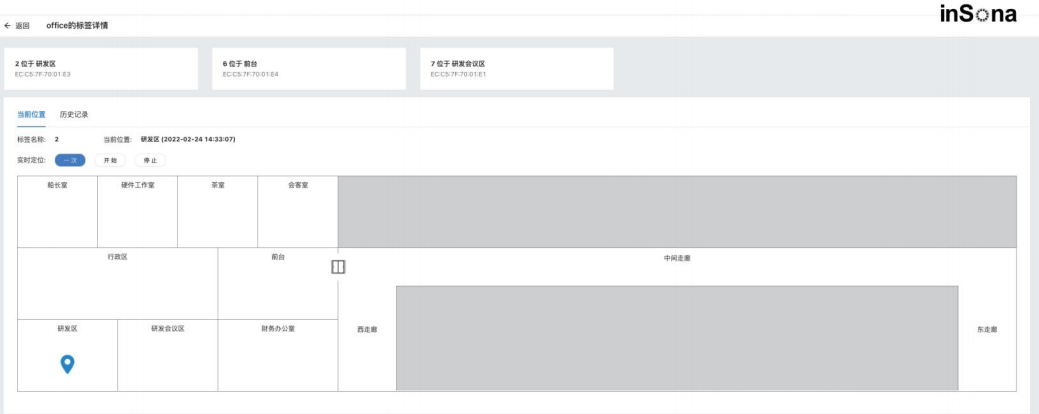
定制化灯光场景，满足办公，会议，待客，休息，夜班
等不同场景下的灯光需求，提升办公效率

CUSTOMIZED LIGHTING SCENES TO MEET THE NEEDS OF OFFICE,
MEETING, HOSPITALITY, REST AND NIGHT SHIFTS AND OTHER
LIGHTING REQUIREMENTS IN DIFFERENT SCENES TO IMPROVE
OFFICE EFFICIENCY

EXCESSIVE

ATMOSPHERE

办公照明
OFFICE LIGHTING



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深度调光
DEEP DIMMING

节律照明
CIRCADIAN

定制场景
CUSTOM SCENE

00:01

定时管理
TIMING MANAGEMENT

万色调光
THOUSAND COLORS

电流控制
CURRENT CONTROL

能源管控
ENERGY CONTROL

设备定位
LOCATION

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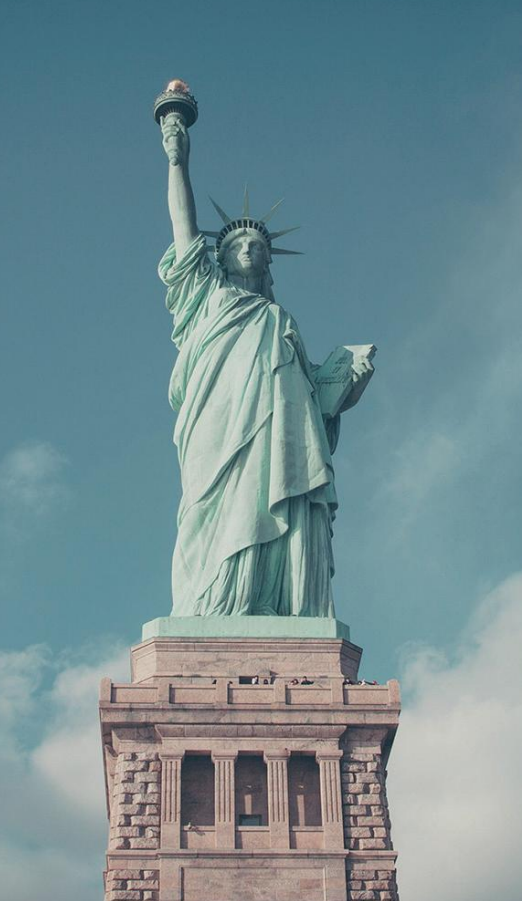
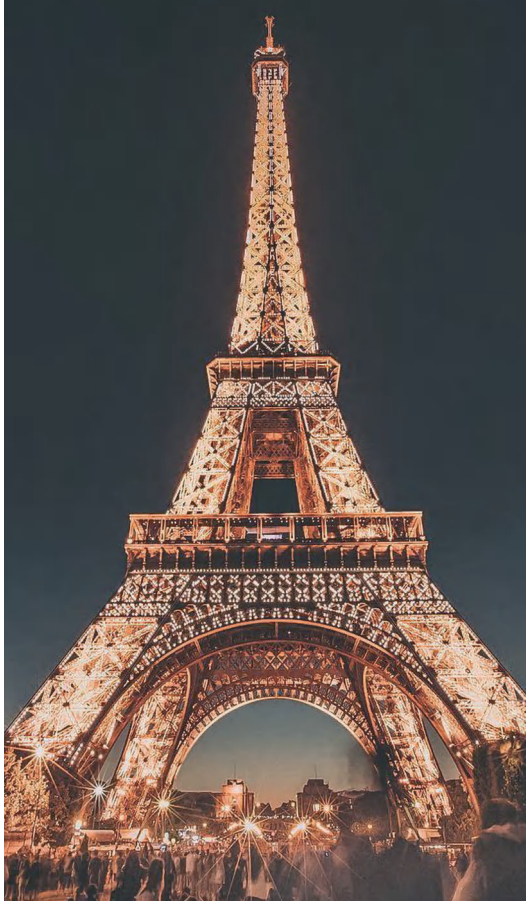
立足现在 展望未来

BASED ON THE PRESENT
LOOKING FORWARD TO THE FUTURE

节 律　人 因　健 康

CIRCADIAN HUMAN CENTRIC WELLNESS





专注智慧照明领域
FOCUS ON INTELLIGENT LIGHTING

面向全国招商，区域网格化
目前区域经销商180+，服务商50+，核心服务商5+
产品远销日本、北美、欧洲

FACING THE NATIONAL INVESTMENT REGION MESHING
CURRENTLY 180+ REGIONAL DEALER. 50+ SERVICE PROVIDERS AND 5+ CORE SERVICE PROVIDERS
PRODUCTS ARE EXPORTED TO JAPAN. NORTH AMERICA. EUROPE

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