inS☼na
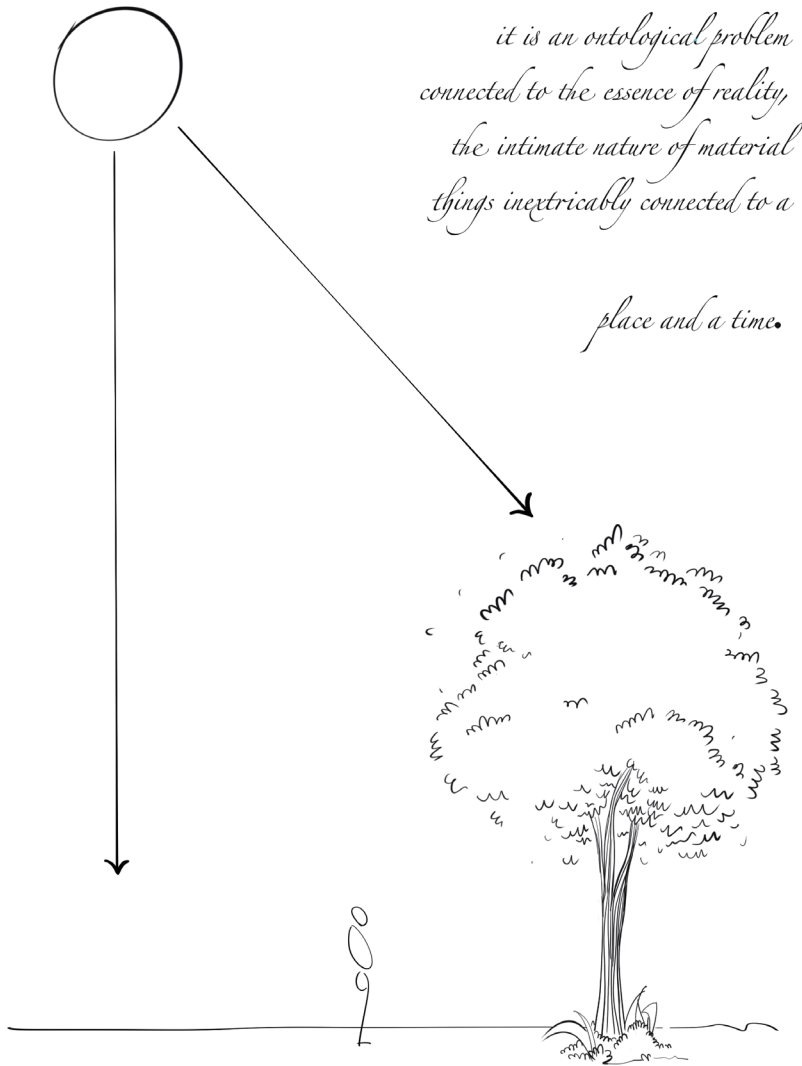
PRODUCT
INTRODUCTION

CIRCADIAN
HUMAN CENTRIC
WELLNESS

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.

inSona 是一家从事嵌入式工业计算机及
其自动化控制设计、研发、生产、销售的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。
公司融入了当今最先进的智能控制系统的研究设计人员，
在智能控制高端产品的运用和开发，有着先进的实践经验。
公司自创立以来始终秉持节律、人因、健康的照明设计理念，
希望能将自然光带向千家万户。

INSONA IS A COMPANY ENGAGED IN EMBEDDED INDUSTRIAL COMPUTERS AND
A NATIONAL HIGH-TECH ENTERPRISE SPECIALIZING IN AUTOMATION CONTROL DESIGN, RESEARCH AND DEVELOPMENT, PRODUCTION, AND SALES.
ITS BUSINESS INCLUDES: INDUSTRIAL IOT BIG DATA SAAS PLATFORM, ENTERPRISE CLOUD, INDUSTRIAL SOLUTIONS
SMART HOMES, SMART LIGHTING, SMART COMMUNITIES, ENERGY MANAGEMENT, AND MANY OTHER FIELDS OF THE INTERNET OF THINGS
THE COMPANY HAS BEEN ENGAGED IN THE DEVELOPMENT OF UNDERLYING BLUETOOTH PROTOCOLS FOR OVER TEN YEARS, BREAKTHROUGH IN THE APPLICATION OF BLUETOOTH AUTONOMOUS NETWORK TECHNOLOGY IN THE FIELD OF SMART HOMES,
THE INDUSTRY IS CURRENTLY AT A LEADING TECHNOLOGICAL LEVEL.
THE COMPANY COVERS COMMUNICATION PROTOCOL LAYER, MODULE DEVELOPMENT LAYER, PRODUCT APPLICATION LAYER, AND SYSTEM PLATFORM
THE CONSTRUCTION LAYER HAS COMPLETELY FORMED AN INDEPENDENT TECHNOLOGICAL PATHWAY,
A HIGH LEVEL OF INDUSTRY TECHNICAL BARRIERS HAS BEEN FORMED.
THE COMPANY HAS INTEGRATED RESEARCH AND DESIGN PERSONNEL OF THE MOST ADVANCED INTELLIGENT CONTROL SYSTEMS TODAY,
WE HAVE ADVANCED PRACTICAL EXPERIENCE IN THE APPLICATION AND DEVELOPMENT OF HIGH-END INTELLIGENT CONTROL PRODUCTS.
SINCE ITS ESTABLISHMENT, THE COMPANY HAS ALWAYS ADHERED TO THE LIGHTING DESIGN CONCEPT OF RHYTHM, HUMAN FACTORS, AND HEALTH,
I HOPE TO BRING NATURAL LIGHT TO THOUSANDS OF HOUSEHOLDS.PRODUCTION MANAGEMENT.

inSona

CIRCADIAN HUMAN CENTRIC WELLNESS
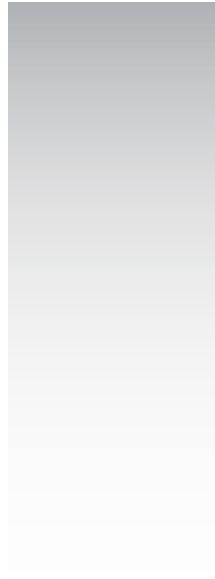
LIGHT
CONCEPT CHAPTER

inSona

THE MOST GORGEOUS AND
DAZZLING EXISTENCE IN NATURE
GIVES THE EARTH TEMPERATURE
AND THE COLOR OF LIFE.
THE FOUNDING OF INSONA
COMES FROM A DREAM——
WRITE A CHAPTER THAT ENABLES ALL
WALKS OF LIFE AND
THOUSANDS OF FAMILIES TO USE THE
LIGHT OF HEALTH
WE BELIEVE THAT ANY SCENARIO
HAS ITS UNIQUE FUNCTIONAL
SIGNIFICANCE
THE LIGHT OF HUMAN NATURE CAN
FULLY CONSTRUCT THE VITALITY OF
THE SCENE
ON THE WAY TO THIS GOAL, WE
ALWAYS ADHERE TO THE LIGHTING
CONCEPT OF RHYTHM, HUMAN
FACTORS AND NATURE
INDEPENDENTLY DEVELOPED BLUEBEE
BLUETOOTH CHIP
AND SUPPORTING CONTROL SYSTEM
RESTRUCTURED THE UNDERLYING
LOGIC OF LIGHTING CONTROL WITH
SOLID SCIENTIFIC AND TECHNOLOGI-
CAL STRENGTH, AND LED THE
INNOVATION TREND OF LIGHTING
INDUSTRY
LIKE THE LIGHT IN NATURE
WE MODEST, LOW-KEY AND SILENT
CULTIVATION
MAY NOT BE AMAZINGBUT THERE IS
GREAT ENERGY THAT CAN BURST INTO
BRILLIANCE IN THE FUTURE
WE ARE LOOKING FORWARD TO THE
FUTURE OF HAVING THE LIGHT OF
HEALTH WITH YOU

光，自然界最绚丽夺目的存在，予地球温度，予生命色彩，从此，黑白起止
inSona的创立来源于一个梦想，书写让各行各业、千家万户都能用上健康之光的篇章
我们相信，任何一个场景都有其独特的功能意义，而人性的光是可以充分构建场景生命力的
奔赴这个目标的路上，我们始终坚持节律人因自然的照明理念，独立研发出Blubee蓝牙芯片及配套控制系统，用坚实的
科技力量，重新架构照明控制的底层逻辑，引领照明行业创新风潮
谦逊低调，默默耕耘，就像自然中的那束光，也许并不惊艳，但却有巨大能量，可以在未来迸发璀璨光彩
我们与你一同期待着，健康之光真正的明天

20 | 08

开始蓝牙底层协议栈研发
START 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 AND
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
HEALTHY LIGHT ENGINE SYSTEM RELEASES
HUMAN FACTORS LIGHTING ENTERS A NEW ERA

inSona

RHYTHM ALGORITHM LOGIC
APP INTERFACE
节律算法逻辑+APP界面
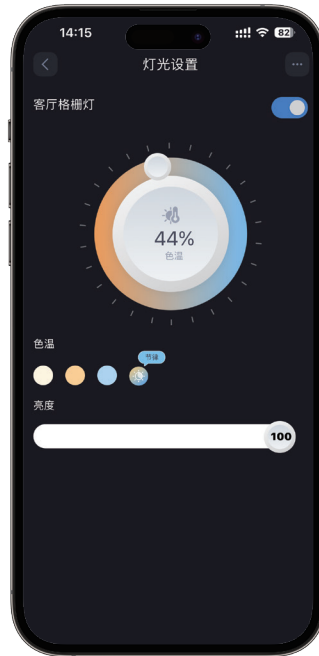
自主开发节律算法
精确到全世界各个角落的日出日落颜色
自适应调节室内光线
符合人体节律作息

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

☀	日出 07:00 AM	●	色温	20%	亮度	15%
☀	中午 12:00 AM	●	色温	70%	亮度	20%
☀	日落 17:30 PM	●	色温	30%	亮度	70%
☾	夜里 21:30 PM	●	色温	30%	亮度	55%

inSona APP INTERFACE
APP界面

inSona

万分之一深度调光, 万里挑一, 由你定格
专业赋能传统照明设备
ONE IN TEN THOUSANDTH DEPTH DIMMING, IT'S UP TO YOU TO SET THE FRAME,
PROFESSIONAL EMPOWERMENT 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

色温色彩自由适配
兼容各类型灯具
COLOR TEMPERATURE AND COLOR FREE ADAPTATION
COMPATIBLE WITH ALL TYPES OF LAMPS

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

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

VOICE ECOLOGICAL PLATFORM ACCESS
语音生态平台接入

14:15

第三方平台连接

家庭网关

网关

语音第三方接入

HomeKit 小米音箱 小度

第三方系统

空调系统

空调 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
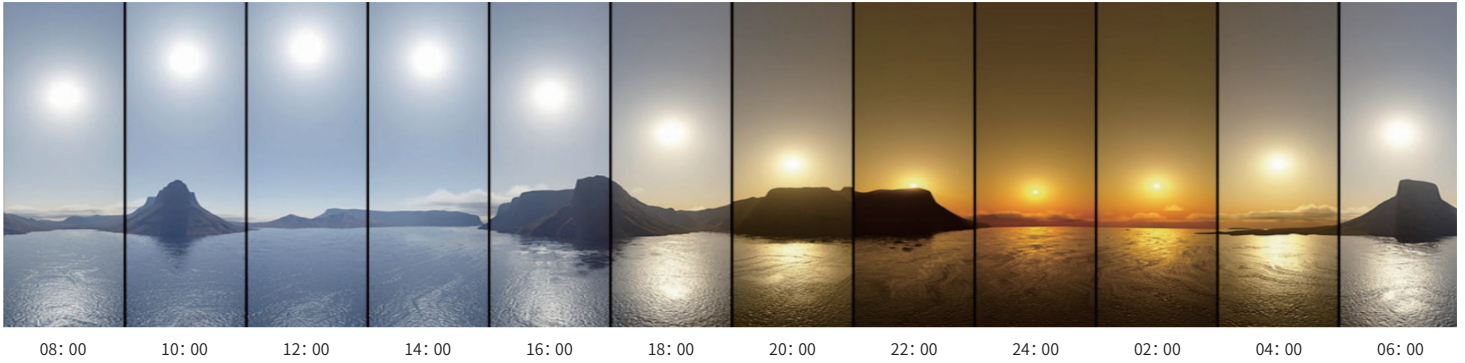
水龙头 车库门 加湿器 照明 门锁 插座 开关 恒温器 窗户

HOMEKIT生态
VOICE ECOLOGICAL PLATFORM

全面兼容Homekit生态系统
打通智能生态配套类产品
FULLY COMPATIBLE WITH THE HOMKIT ECOSYSTEM
OPEN UP INTELLIGENT ECOLOGICAL SUPPORTING PRODUCTS

家庭

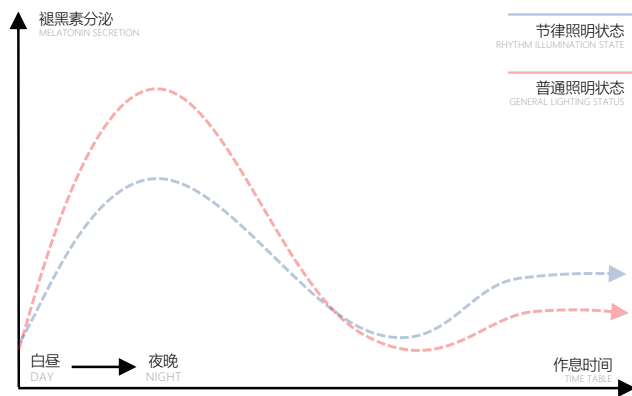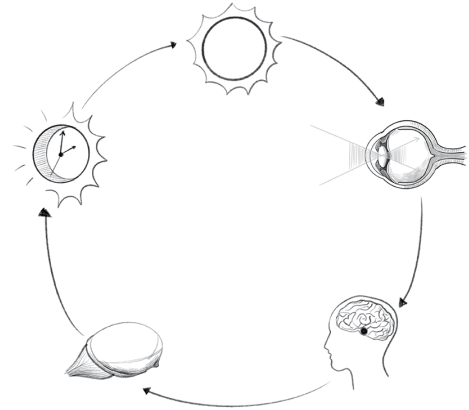| 08:00 | 10:00 | 12:00 | 14:00 | 16:00 | 18:00 | 20:00 | 22:00 | 24:00 | 02:00 | 04:00 | 06:00 |
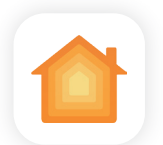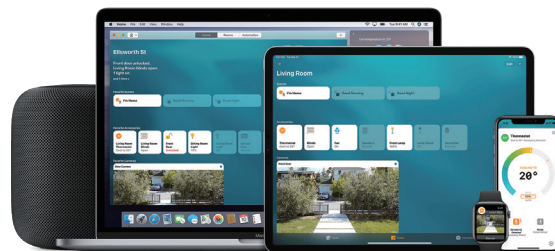
SCIENTIFIC DATA
科学数据

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, RHYTHMIC 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 ADVANCE

以上内容摘自韩国国民大学
THE ABOVE CONTENT IS TAKEN FROM KOREA NATIONAL UNIVERSITY

褪黑素分泌
MELATONIN SECRETION

节律照明状态
RHYTHM ILLUMINATION STATE

普通照明状态
GENERAL LIGHTING STATUS

白昼 DAY　夜晚 NIGHT　作息时间 TIME TABLE

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

试验地点 TEST SITE	韩国国民大学 SNational University of Korea
研究对象 RESEARCH OBJECT	30名30-50岁男性VV 30 males aged 30 to 50
试验周期 TEST CYCLE	每人3天2夜 3 DAYS AND 2 NIGHTS PER PERSON
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

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
搭建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 PHOTORECEPTOR 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 PHYSIOLOGICAL 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.
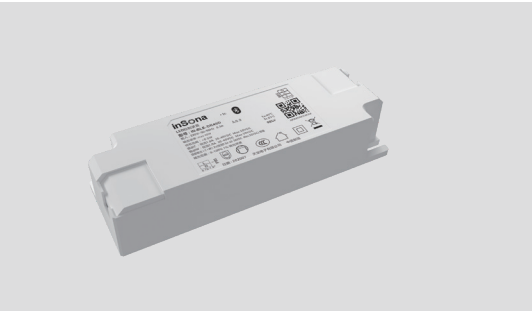
IN-A5H-GEN-H2

IN-BLE-DR15S

IN-BLE-DR12D

IN-BLE-DR40D

IN-BLE-DRH160-024

E075CP18A00202

inSona

DRIVING POWER SUPPLY
驱动电源

经过国家级实验室验证,专业驱动电源结构设计,品质可靠,稳定有保障
自带亮度、色温调节功能,调光无频闪、单灯单控,灯光场景自由组合
内置BLUBEE蓝牙模组,去中心化,支持本地场景存储,大批量在线OTA
恒流或恒压多种输出选择,短路、过载、过压保护,使用更安全

VERIFIED BY THE NATIONAL LABORATORY, THE PROFESSIONAL DRIVING
POWER STRUCTURE DESIGN HAS RELIABLE QUALITY, STABLE AND
GUARANTEED.

IT HAS ITS OWN BRIGHTNESS AND COLOR TEMPERATURE ADJUSTMENT
FUNCTION, DIMMING WITHOUT STROBOSCOPIC, SINGLE LAMP SINGLE
CONTROL, AND FREE COMBINATION OF LIGHT SCENES.

BUILT IN BLUBEE BLUETOOTH MODULE, DECENTRALIZED, SUPPORTING
LOCAL SCENE STORAGE AND LARGE QUANTITIES OF ONLINE OTA.

MULTIPLE OUTPUT OPTIONS OF CONSTANT CURRENT OR CONSTANT
VOLTAGE, SHORT CIRCUIT, OVERLOAD AND OVERVOLTAGE PROTECTION,
SAFER TO USE.

IN-BLE-PWM5

IN-BLE-DIM-010V2

IN-BLE-JM

IN-BLE-S1M

多种按键组合, 场景自定义, 单个按键不同场景自由切换
自带两路本地负载, 情景控制二合一, 简化墙面布局
背光亮度可调, 设置不同时间段, 不影响夜晚休息
金属拉丝工艺, 表面氧化处理, 多种色彩搭配, 镂空刻字, 支持定制化需求
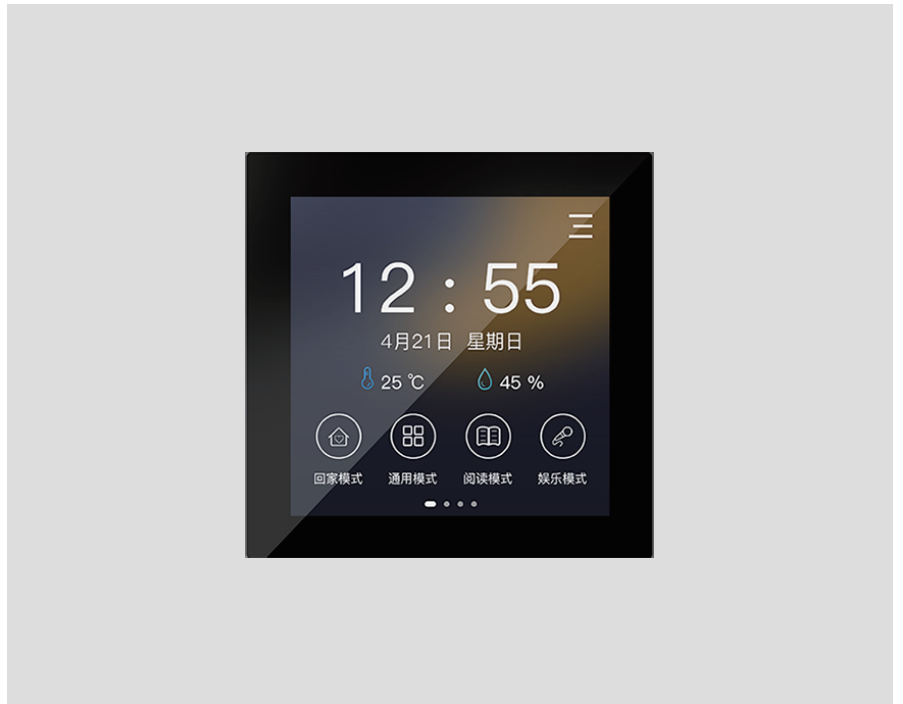
IN-BLE-B3

IN-BLE-K7Pro
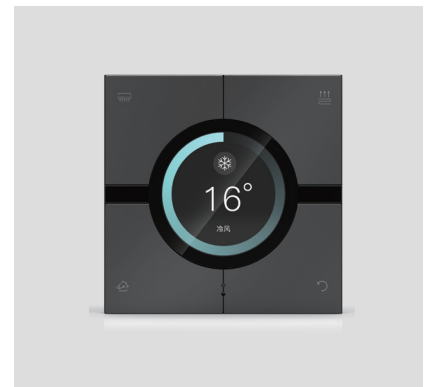
IN-BLE-XR

IN-BLE-YKO11

IN-BLE-A1

IN-BLE-YK02

CONTROL PANEL
控制面板

MULTIPLE KEY COMBINATIONS, SCENE CUSTOMIZATION,
FREE SWITCHING BETWEEN DIFFERENT SCENES WITH A SINGLE
KEYMULTIPLE KEY COMBINATIONS, SCENE CUSTOMIZATION,
FREE SWITCHING BETWEEN DIFFERENT SCENES WITH A SINGLE KEY
WITH TWO LOCAL LOADS, SCENARIO CONTROL 2-IN-1,
SIMPLIFY WALL LAYOUT.
THE BACKLIGHT BRIGHTNESS IS ADJUSTABLE, AND DIFFERENT TIME
PERIODS CAN BE SET, WHICH DOES NOT AFFECT THE REST AT NIGHT.
METAL WIRE DRAWING PROCESS, SURFACE OXIDATION TREATMENT, A
VARIETY OF COLOR MATCHING, OPENWORK LETTERING, SUPPORTING
CUSTOMIZATION NEEDS.

多种按键组合, 场景自定义, 单个按键不同场景自由切换
自带两路本地负载, 情景控制二合一, 简化墙面布局
背光亮度可调, 设置不同时间段, 不影响夜晚休息
金属拉丝工艺, 表面氧化处理, 多种色彩搭配, 镂空刻字, 支持定制化需求

图片仅供参考, 具体以实物为准

IN-BLE-MQA

IN-BLE-DT82

IN-BLE-SENAC201

IN-BLE-DM35

IN-BLE-SENDC123A

IN-BLE-SENDC3001

IN-BLE-ER40Q

IN-BLE-GATEWAY

IN-BLE-HBS-02

inSona

INTELLIGENT DEVICES
智能设备

作为整套灯光控制系统的配套
室外光线控制
智能感应器联动场景，生活更加便捷
可通过网关进行动态场景的编辑、语音、远程等动作
让家更智能

AS A COMPLETE SET OF LIGHTING CONTROL SYSTEM
OUTDOOR LIGHT CONTROL
INTELLIGENT SENSOR LINKAGE SCENE, MAKING LIFE MORE CONVENIENT
DYNAMIC SCENE EDITING, VOICE, REMOTE, AND OTHER ACTIONS CAN BE
PERFORMED THROUGH THE GATEWAY
MAKE HOME SMARTER

图片仅供参考，具体以实物为准

inSona

DRIVING POWER
INTRODUCE

控制电源系列

inSona

DRIVING POWER INTRODUCE

THE BUILT-IN INSONA BLUETOOTH CHIP DOES NOT NEED TO BE USED LOCALLY BY THE GATEWAY
BLUETOOTH MESH, INSONA BLUBEE PRIVATE PROTOCOL, LINK NETWORKING
DIGITAL CONTROL OF COLOR TEMPERATURE REGULATION OF LIGHT AND SHADE, COLD AND WARM
ULTRA LONG STANDBY, STABLE AND RELIABLE
VISUAL NO STROBOSCOPIC, SLOW START AND GRADUALLY LIGHT UP
CONSTANT VOLTAGE OUTPUT PROTECTION FUNCTION (SHORT CIRCUIT)
THIS PRODUCT IS ONLY APPLICABLE TO THE OUTPUT CONTROL OF CONSTANT CURRENT DRIVER

inSona

双色温调光驱动

DRIVING POWER SUPPLY | inSona Bluebee· | IP20

型号 MODEL	IN-BLE-DR12D	IN-BLE-DR15S	IN-BLE-DR40D
额定输入 RATED INPUT	220V (50-60) HZ	220-240V (50-60) HZ	220V (50-60) HZ
额定输出 RATED OUTPUT	30-40V	15-42V	30-40V
输出功率 OUTPUT RATING	12W MAX	15W MAX	40W MAX
电流输出范围 CURRENT OUTPUT RANGE	0-300mA	0-400mA	0-1000mA
待机功耗 STANDBY POWER CONSUMPTION	＜0.5W	＜0.5W	＜0.5W
调光范围 DIMMING RANGE	1~100%	1~100%	1~100%
尺寸 MEASURE	122*45*27mm	82*30*20mm	137*45*27mm

FUNCTIONAL ADJUSTMENT

COLOR TEMPERATURE DIAGRAM

BRIGHTNESS CONTROL

FUNCTION DESCRIPTION

inSona 双色温灯具电源驱动系列，属于一款体积小、重量轻、超长待机、稳定可靠；可以支持单通道、双通道输出，支持多种电流输出调节的数字智能调光电源。双色温驱动常规有 12W、15W、40W 以应对于不同功率段灯具。无需网关、无需网络，通过 inSona 线上 APP 可深度调节灯具的亮度、色温，支持昼夜节律功能。

INSONA DUAL-COLOR LAMP POWER DRIVE SERIES, BELONGING TO A SMALL SIZE, LIGHT WEIGHT, LONG STANDBY, STABLE AND RELIABLE; DIGITAL INTELLIGENT DIMMING POWER SUPPLY THAT CAN SUPPORT SINGLE-CHANNEL AND DOUBLE-CHANNEL OUTPUT AND VARIOUS CURRENT OUTPUT ADJUSTMENTS. TWO-COLOR-TEMPERATURE DRIVE USUALLY HAS 12W, 15W AND 40W FOR LAMPS WITH DIFFERENT POWER SEGMENTS. WITHOUT GATEWAY OR NETWORK, THE BRIGHTNESS AND COLOR TEMPERATURE OF THE LAMPS CAN BE DEEPLY ADJUSTED THROUGH INSONA ONLINE APP, AND THE CIRCADIAN RHYTHM FUNCTION CAN BE SUPPORTED.

参数仅供参考，具体以实际参数为准
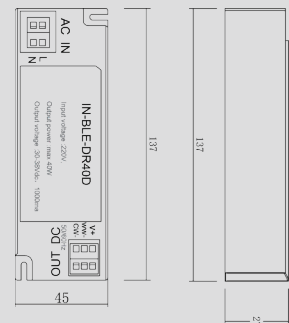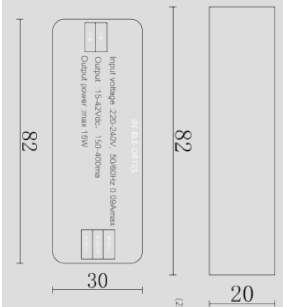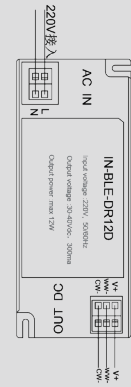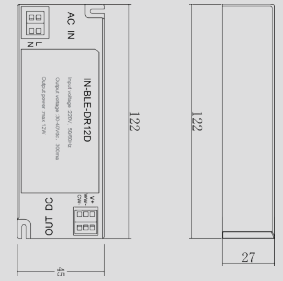
inSona

双色温明装灯具调光驱动

DRIVING POWER SUPPLY

inSona Bluebee· **IP20**

型号 MODEL	IN-BLE-DR13S
额定输入 RATED INPUT	220-240V (50-60) HZ
额定输出 RATED OUTPUT	15-38V
输出功率 OUTPUT RATING	13W MAX
电流输出范围 CURRENT OUTPUT RANGE	350mA
待机功耗 STANDBY POWER CONSUMPTION	<0.5W
调光范围 DIMMING RANGE	1~100%
尺寸 MEASURE	D55*H22mm

FUNCTIONAL ADJUSTMENT

COLOR TEMPERATURE DIAGRAM

BRIGHTNESS CONTROL

FUNCTION DESCRIPTION

inSona 双色温明装灯具调光驱动，行业首发的最小双色温蓝牙明装圆形驱动，用于解决特殊应用场景的使用需要。体积小巧可安装于灯体中，深度调光丝滑柔顺；可以支持单通道、双通道输出，支持多种电流输出调节的数字智能调光电源。无需网关、无需网络，通过 inSona 线上 APP 可深度调节灯具的亮度、色温，支持昼夜节律功能。

INSONA DUAL COLOR TEMPERATURE SURFACE MOUNTED LAMP DIMMING DRIVER IS THE INDUSTRY'S FIRST MINIMUM DUAL COLOR TEMPERATURE BLUETOOTH SURFACE MOUNTED CIRCULAR DRIVER, USED TO MEET THE NEEDS OF SPECIAL APPLICATION SCENARIOS. SMALL IN SIZE, IT CAN BE INSTALLED IN THE LAMP BODY, AND THE DEEP DIMMING WIRE IS SMOOTH AND SMOOTH; A DIGITAL INTELLIGENT DIMMING POWER SUPPLY THAT CAN SUPPORT SINGLE CHANNEL, DUAL CHANNEL OUTPUT, AND VARIOUS CURRENT OUTPUT ADJUSTMENTS. WITHOUT GATEWAY AND NETWORK, THE BRIGHTNESS AND COLOR TEMPERATURE OF LAMPS CAN BE ADJUSTED IN DEPTH THROUGH INSONA ONLINE APP TO SUPPORT THE CIRCADIAN RHYTHM FUNCTION.
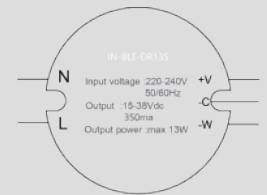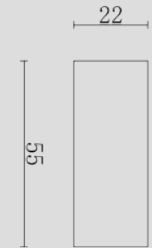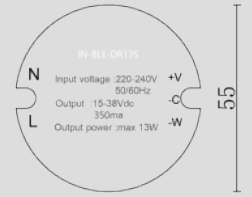
inSona

双色温吸顶灯驱动

DRIVING POWER SUPPLY   inSona Bluebee·   IP20

型号 MODEL	E075CP18A00202
额定输入 RATED INPUT	220V 50Hz
额定输出 RATED OUTPUT	90-180V
输出功率 OUTPUT RATING	75W MAX
电流输出范围 CURRENT OUTPUT RANGE	输出1:恒流200mA 输出2:恒流200mA
待机功耗 STANDBY POWER CONSUMPTION	＜0.5W
调光范围 DIMMING RANGE	1~100%
尺寸 MEASURE	175*37*19mm

FUNCTIONAL ADJUSTMENT

COLOR TEMPERATURE DIAGRAM

BRIGHTNESS CONTROL

FUNCTION DESCRIPTION

inSona 双色温吸顶灯调光驱动，适用于高压吸顶类灯具，对传统系统灯具进行改造；或者应用于全新的吸顶灯具内。可以支持单通道、双通道输出，支持多种电流输出调节的数字智能调光电源。无需网关、无需网络，通过 inSona 线上 APP 可调节灯具的亮度、色温，支持昼夜节律功能。

INSONA DUAL COLOR TEMPERATURE CEILING LAMP DIMMING DRIVE, SUITABLE FOR HIGH-PRESSURE CEILING LAMPS, RETROFITTING TRADITIONAL SYSTEM LAMPS; ALTERNATIVELY, IT CAN BE APPLIED TO NEW CEILING MOUNTED LIGHTING FIXTURES. A DIGITAL INTELLIGENT DIMMING POWER SUPPLY THAT CAN SUPPORT SINGLE CHANNEL, DUAL CHANNEL OUTPUT, AND VARIOUS CURRENT OUTPUT ADJUSTMENTS. WITHOUT GATEWAY AND NETWORK, THE BRIGHTNESS AND COLOR TEMPERATURE OF LAMPS CAN BE ADJUSTED THROUGH INSONA ONLINE APP TO SUPPORT CIRCADIAN RHYTHM FUNCTION.

参数仅供参考,具体以实际参数为准

inSona

五通道灯带控制器

DRIVING POWER SUPPLY

inSona Bluebee· **IP20**

型号 MODEL	IN-BLE-PWM5	IN-BLE-PWM5-300
输入电压 INPUT VOLTAGE	24/12V	24/12V
输入电流 INCOMING CURRENT	8A Max	12.5A Max
输出电压 OUTPUT VOLTAGE	24V	24V
输出功率 OUTPUT RATING	120W MAX	300W MAX
输出电流 OUTPUT CURRENT	5A Max	12.5AMax
可负载 LOADABLE	单/双色温灯带,RGB/RGBW/RGBCW灯带	单/双色温灯带,RGB/RGBW/RGBCW灯带
尺寸 MEASURE	114*31*23mm	152*40*30mm

FUNCTIONAL ADJUSTMENT

COLOR TEMPERATURE DIAGRAM

BRIGHTNESS CONTROL

RGB-RGBW-RGBCW

FUNCTION DESCRIPTION

IN-BLE-PWM5 是一款恒压类灯带控制器,支持单色温、双色温、RGB、RGBW以及RGBCW灯带的开闭控制、亮度调节、色温调节。还具备亮度层级调节、渐变时长、支持RGB混色与冷暖混合输出。无需网关、无需网络,通过inSona线上APP可深度调节灯具的亮度、色温,支持昼夜节律功能。

IN-BLE -PWM5 IS A CONSTANT PRESSURE TYPE LAMP BELT CONTROLLER, SUPPORTING MONOCHROME TEMPERATURE, DUAL COLOR TEMPERATURE, RGB, RGBW AND RGBCW LAMP BELT ON/OFF CONTROL, BRIGHTNESS ADJUSTMENT, COLOR TEMPERATURE ADJUSTMENT. ALSO HAS BRIGHTNESS LEVEL ADJUSTMENT, GRADIENT LENGTH, SUPPORT RGB COLOR MIXING AND WARM AND COLD MIXED OUTPUT. NO GATEWAY, NO NETWORK, THE LUMINANCE AND COLOR TEMPERATURE OF THE LUMINARIES CAN BE DEEPLY ADJUSTED THROUGH INSONA ONLINE APP, AND THE CIRCADIAN RHYTHM FUNCTION IS SUPPORTED.
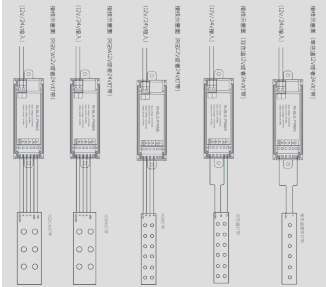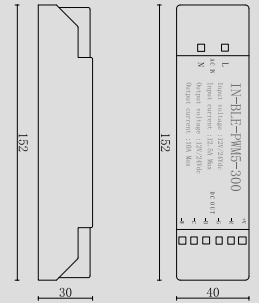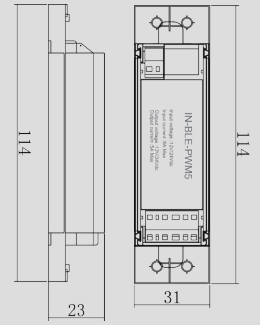
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RGBCW调光驱动

DRIVING POWER SUPPLY

inSona Bluebee· **IP20**

型号 MODEL	IN-A5H-GEN-H2
额定输入 RATED INPUT	220V (47~63) Hz
额定输出 RATED OUTPUT	20~40V
输出功率 OUTPUT RATING	12W
电流输出范围 CURRENT OUTPUT RANGE	C+W:0~300mA RGB:0~150mA
待机功耗 STANDBY POWER CONSUMPTION	＜0.5W
调光范围 DIMMING RANGE	1~100%
尺寸 MEASURE	137×46×27mm

该产品需搭配Wus2106-A5射灯使用。注：该灯具的使用需要一定的行业技术基础。
THIS PRODUCT NEEDS TO BE USED WITH WUS2106-A5 SPOTLIGHTS. NOTE: THE USE OF THIS LAMP REQUIRES A CERTAIN INDUSTRY TECHNICAL FOUNDATION.

FUNCTIONAL ADJUSTMENT

COLOR TEMPERATURE DIAGRAM

BRIGHTNESS CONTROL

RGB-RGBW-RGBCW

FUNCTION DESCRIPTION

IN-A5H-GEN-H2 是一款 inSona 自主研发、业内首创的具有全部知识产权的专业灯具，通过匹配专业灯具光源，通过特殊的算法对灯珠光源进行深层次匹配，最大程度发挥光源的光色光谱，大幅提升灯具的色彩与显色能力，并提供专业的色点控制匹配。操作界面具有简单与专业模式，采用 CCT、HSL、xyY 等方式对光谱、可调色点、可调饱和度提供调节，力求最大程度模拟自然光谱，通过强大的底层算法保证光源色彩的呈现，并有效抑制蓝光。提供一个健康、高效的人因照明灯具。

IN-A5H-GEN-H2 IT IS A PROFESSIONAL LAMP INDEPENDENTLY RESEARCHED AND DEVELOPED BY INSONA, WHICH IS THE FIRST IN THE INDUSTRY WITH ALL INTELLECTUAL PROPERTY RIGHTS. BY MATCHING THE PROFESSIONAL LAMP LIGHT SOURCE, THE LAMP BEAD LIGHT SOURCE IS DEEPLY MATCHED BY A SPECIAL ALGORITHM, SO AS TO MAXIMIZE THE LIGHT COLOR SPECTRUM OF THE LIGHT SOURCE, GREATLY IMPROVE THE COLOR AND COLOR RENDERING ABILITY OF THE LAMP, AND PROVIDE PROFESSIONAL COLOR POINT CONTROL AND MATCHING. THE INTERFACE HAS A SIMPLE AND PROFESSIONAL MODE. CCT, HSL, xyY AND OTHER METHODS ARE USED TO ADJUST THE SPECTRUM, COLOR-ADJUSTABLE POINTS AND SATURATION, AND TRY TO SIMULATE THE NATURAL SPECTRUM TO THE GREATEST EXTENT. THE POWERFUL UNDERLYING ALGORITHM ENSURES THE COLOR OF THE LIGHT SOURCE AND EFFECTIVELY SUPPRESSES THE BLUE LIGHT. PROVIDE A HEALTHY AND EFFICIENT HUMAN FACTOR LIGHTING FIXTURE.
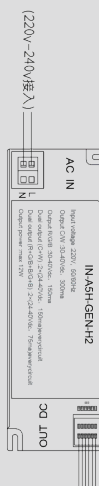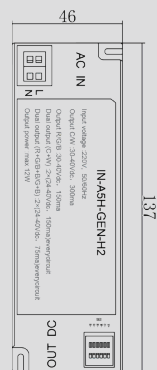
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0-10V双路调光驱动

DRIVING POWER SUPPLY　　　　　　inSona Bluebee·　IP20

型号 MODEL	IN-BLE-DIM010V2
额定输入 RATED INPUT	220~240V/50~60Hz
通道1输出 1 CHANNEL OUTPUT	0~10V　Max30mA
通道2输出 2 CHANNEL OUTPUT	0~10V　Max30mA
待机功耗 STANDBY POWER CONSUMPTION	＜1W
尺寸 MEASURE	124×31×23mm

FUNCTIONAL ADJUSTMENT

COLOR TEMPERATURE DIAGRAM

BRIGHTNESS CONTROL

FUNCTION DESCRIPTION

inSona 双路 0-10V 蓝牙控制器本产品内置 inSona 蓝牙芯片，无需网关、无需网络本地使用。适用于各类 0-10V 驱动器，支持多通道控制。设备采用蓝牙信号控制，无需复杂的地址设置，直接通过 APP 调节设计，实现被控灯具的亮度调节，灯具色温等调节。支持与其他 inSona 蓝牙设备组合使用，支持场景联动。

INSONA DUAL-CHANNEL 0-10V BLUETOOTH CONTROLLER THE INSONA BLUETOOTH CHIP IS BUILT IN THE PRODUCT, WHICH DOES NOT REQUIRE A GATEWAY OR LOCAL NETWORK. SUITABLE FOR ALL KINDS OF 0-10V DRIVERS, SUPPORT MULTI-CHANNEL CONTROL. THE DEVICE ADOPTS BLUETOOTH SIGNAL CONTROL, WITH OUT COMPLEX ADDRESS SETTING, AND DIRECTLY ADJUSTS THE BRIGHTNESS AND COLOR TEMPERATURE OF THE CONTROLLED LAMPS THROUGH APP. SUPPORTS INTERWORKING WITH OTHER INSONA BLUETOOTH DEVICES.
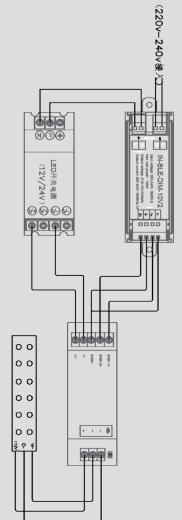
inSona

双色温恒压一体电源

DRIVING POWER SUPPLY

inSona Bluebee · IP20

型号 MODEL	IN-BLE-DRH075-024	IN-BLE-DRH150-024	IN-BLE-DRH160-024
输入电压 INPUT VOLTAGE	220-240Vac	220-240Vac	220-240Vac
输出电压 OUTPUT VOLTAGE	24Vdc	24Vdc	24Vdc
输出电流 OUTPUT CURRENT	0-3.125A	0-6.26A	0-6.7A
输出功率 OUTPUT RATING	≤75W	≤150W	≤160W
尺寸 MEASURE	360*42*30mm	360*42*30mm	245*61*30mm

FUNCTIONAL ADJUSTMENT

COLOR TEMPERATURE DIAGRAM

BRIGHTNESS CONTROL

FUNCTION DESCRIPTION

inSona 恒压一体式电源，220V 输入，支持单、双通道输出，放置于空间狭长位置，便于检修。主要应用 24V 低压恒压类灯带控制，支持双色温灯带控制开闭、亮度调节、色温调节，还具备亮度层级调节、渐变时长、暖白混合输出、支持昼夜节律功能。无需网关、无需网络，通过 inSona 线上 APP 可深度调节灯具的亮度、色温，支持经纬度算法、支持昼夜节律功能。

INSONA CONSTANT-VOLTAGE INTEGRATED POWER SUPPLY, 220V INPUT, SINGLE-CHANNEL AND DUAL-CHANNEL OUTPUT SUPPORT, WHICH IS PLACED IN A NARROW SPACE FOR EASY MAINTENANCE. IT IS MAINLY CONTROLLED BY 24V LOW-VOLTAGE AND CONSTANT-VOLTAGE LAMP STRIPS, AND SUPPORTS THE OPENING AND CLOSING OF DUAL-COLOR TEMPERATURE LAMP STRIPS, BRIGHTNESS LEVEL AND COLOR TEMPERATURE ADJUSTMENT. IT ALSO HAS THE FUNCTIONS OF BRIGHTNESS LEVEL ADJUSTMENT, GRADUAL CHANGE DURATION, WARM-WHITE MIXED OUTPUT AND CIRCADIAN RHYTHM SUPPORT. WITHOUT GATEWAY OR NETWORK, THE BRIGHTNESS AND COLOR TEMPERATURE OF THE LAMPS CAN BE DEEPLY ADJUSTED THROUGH INSONA ONLINE APP, WHICH SUPPORTS LATITUDE AND LONGITUDE ALGORITHM AND CIRCADIAN RHYTHM FUNCTION.

参数仅供参考，具体以实际参数为准
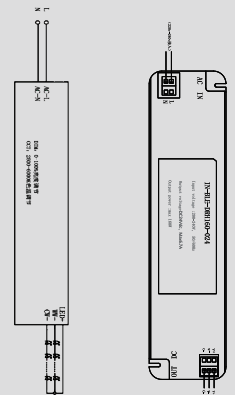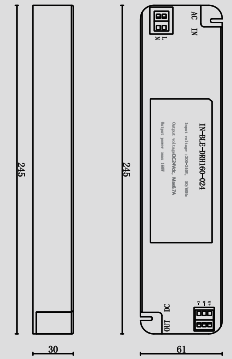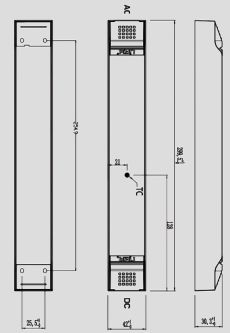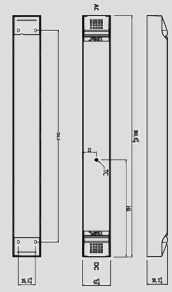
inSona

柜内灯带控制器

DRIVING POWER SUPPLY

inSona Bluebee· **IP20**

型号 MODEL	HD60-A2-12V	HD60-A3-12V
输入电压 INPUT VOLTAGE	220-240Vac	220-240Vac
输出电压 OUTPUT VOLTAGE	12Vdc	12Vdc
输出电流 OUTPUT CURRENT	3AMax	3AMax
输出通道 OUTPUT CHANNEL	单色6路	双色3路
输出功率 OUTPUT RATING	≤60W	≤60W
尺寸 MEASURE	235*68*17mm	235*68*17mm

FUNCTIONAL ADJUSTMENT

COLOR TEMPERATURE DIAGRAM

BRIGHTNESS CONTROL

FUNCTION DESCRIPTION

inSona 灯带分线控制器，220V 输入，支持单、双通道输出，放置于柜内隐蔽处，便于检修。用于柜内极窄照明灯带，支持双色温灯带控制开闭、亮度调节、色温调节，还具备亮度层级调节、渐变时长、暖白混合输出、支持昼夜节律功能。无需网关、无需网络，通过 inSona 线上 APP 可深度调节灯具的亮度、色温，支持经纬度算法、支持昼夜节律功能。

INSONA LIGHT WITH BRANCHING CONTROLLER, 220V INPUT, SUPPORTING SINGLE AND DUAL CHANNEL OUTPUT, PLACED IN A CONCEALED PLACE INSIDE THE CABINET FOR EASY MAINTENANCE. IT IS USED FOR THE EXTREMELY NARROW LIGHTING STRIP IN THE CABINET. IT SUPPORTS DUAL COLOR TEMPERATURE LIGHT STRIP CONTROL ON/OFF, BRIGHTNESS ADJUSTMENT, COLOR TEMPERATURE ADJUSTMENT, BRIGHTNESS LEVEL ADJUSTMENT, GRADUAL CHANGE DURATION, WARM WHITE MIXED OUTPUT, AND CIRCADIAN RHYTHM FUNCTION. WITHOUT GATEWAY AND NETWORK, THE BRIGHTNESS AND COLOR TEMPERATURE OF LAMPS CAN BE ADJUSTED IN DEPTH THROUGH INSONA ONLINE APP, WHICH SUPPORTS LONGITUDE AND LATITUDE ALGORITHM AND CIRCADIAN RHYTHM FUNCTION.
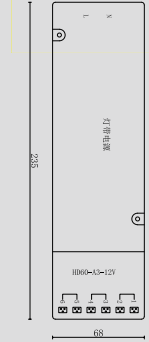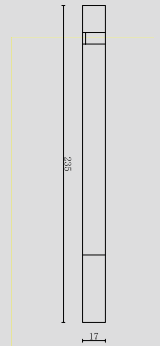
CONTROL PANEL

控 制 面 板 系 列

inSona

inSona

JM CONTROL PANEL

THE PANEL SUPPORTS MULTIPLE KEY COMBINATIONS, MULTIPLE COLORS, PC MATERIALS
AND METAL MATERIALS, AND ENGRAVING
WORD, SUPPORT BACKLIGHT, AND THE BRIGHTNESS OF BACKLIGHT IS ADJUSTABLE.
STRONG CURRENT (AC) PANEL CAN BE LINKED WITH LIGHT COLOR TEMPERATURE AND
BRIGHTNESS CONTROL,
CURTAIN SWITCH STOP AND SCENE CONTROL PANEL CAN BE COMBINED WITH LIGHT TO
MAKE RHYTHM MODE, AND KEYS 1 AND 2 ARE THE DEFAULT CONTROL PANEL
REAR TWO-WAY LOAD.

IN-BLE-B3-S4-A   IN-BLE-B3-S4-B

IN-BLE-B3-S4-C   IN-BLE-B3-S6-D
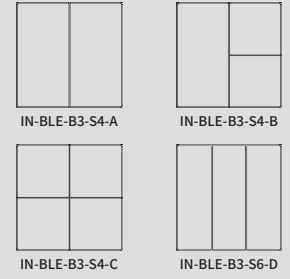
inSona

B3系列智能面板

CONTROL PANEL	inSona Bluebee·	IP20

产品名称┃ PRODUCT NAME	**B3系列面板** IN-BLE-B3-S4/S6
负载数量┃ NUMBER OF LOADS	**2路/4路** 2CIRCUITS /4CIRCUITS
最大负载功率┃ MAX LOAD POWER	**单路 LED200W/阻性 800W** ONE-WAYLED200W,RESISTANCE800w
输入电压范围┃ OUTPUT VOLTAGE RANGE	**220-240V** 220-240V
输入频率┃ INPUT FREQUENCY	**50/60HZ** 50/60HZ
布线方式┃ WIRING MODE	**需要零火线** AC 220-240V
工作湿度┃ WORKING HUMIDITY	**5-85%** 5-85 PERCENT
工作温度┃ WORKING TEMPERATURE	**-20~+50˚C** -20~+50˚C
储存温度，湿度┃ WORKING HUMIDITY	**-40~+80˚C** -40~+80˚C
无线连接┃ WIRELESS CONNECTION	**BLuEBEE** BLUEBEE
通信距离┃ COMMUNICATION DISTANCE	**8-16 米** 8-16M

COLOR SELECTION

黑色 **BLACK**   金色 **GOLDEN**   灰色 **GREY**

PC/金属

MATERIAL CLASSIFICATION

FUNCTION DESCRIPTION

B 系列智能控制面板，做为 inSona 整套智能灯光系统的控制设备之一，内置 inSona 蓝牙芯片，以清晰简约的高颜值造型，并与多种颜色，搭配不同材质工艺，方便融合进众多家装风格中。安装简单无需网络，无需网关，零火 220V 供电，自带 4 路继电器负载输出，提供刻字定制服务。按键方式配置自由选择，面板自带背光，支持点击与长按，支持开闭、联动灯光场景二合一、窗帘等 inSona 系统内其他设备。

B SERIES INTELLIGENT CONTROL PANEL, AS ONE OF THE CONTROL DEVICES OF INSONA INTELLIGENT LIGHTING SYSTEM, BUILT-IN INSONA BLUETOOTH CHIP, WITH A CLEAR AND SIMPLE HIGH APPEARANCE LEVEL MODELING, AND A VARIETY OF COLORS, WITH DIFFERENT MATERIAL TECHNOLOGY, CONVENIENT INTEGRATION INTO MANY HOME DECORATION STYLES. SIMPLE INSTALLATION WITHOUT NETWORK, NO GATEWAY, ZERO FIRE 220V POWER SUPPLY, WITH 4 RELAY LOAD OUTPUT, PROVIDE LETTERING CUSTOMIZED SERVICE. YOU CAN CHOOSE THE KEY MODE FREELY. THE PANEL HAS A BACKLIGHT, WHICH SUPPORTS CLICKING AND LONG PRESSING, OPENING AND CLOSING, LINKAGE LIGHT SCENE IN ONE, CURTAINS AND OTHER DEVICES IN THE INSONA SYSTEM.

参数仅供参考，具体以实际参数为准

inSona

K7 PRO智能面板

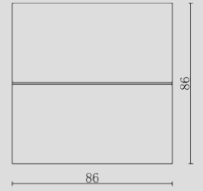| CONTROL PANEL | inSona Bluebee· | IP20 |

	K7 PRO系列温控面板	**K7 PRO系列场景面板**
产品名称	IN-BLE-K7Pro-P8W	IN-BLE-K7Pro-P8L4
PRODUCT NAME		
负载类型	**5路（冷暖阀负载）**	**4路（LED负载）**
LOAD TYPE	5CIRCUITS (COLD AND WARM VALVES)	4CIRCUITS (LED LOAD)
最大负载功率	**负载单路1A**	**负载单路10A LED200W/阻性800W**
MAX LOAD POWER	LOAD SINGLE CIRCUIT 1A	ONE-WAYLED200W,RESISTANCE800w
输入电压范围	**220-240V**	**220-240V**
OUTPUT VOLTAGE RANGE	220-240V	220-240V
输入频率	**50/60HZ**	**50/60HZ**
INPUT FREQUENCY	50/60HZ	50/60HZ
布线方式	**需要零火线**	**需要零火线**
WIRING MODE	AC220V	AC220V
工作湿度	**5-85%**	**5-85%**
WORKING HUMIDITY	5-85 PERCENT	5-85 PERCENT
工作温度	**-20~+50℃**	**-20~+50℃**
WORKING TEMPERATURE	-20~+50℃	-20~+50℃
储存温度,湿度	**-40~+80℃**	**-40~+80℃**
WORKING HUMIDITY	-40~+80℃	-40~+80℃
无线连接	**BLUEBEE**	**BLUEBEE**
WIRELESS CONNECTION	BLUEBEE	BLUEBEE
通信距离	**8-16米**	**8-16米**
COMMUNICATION DISTANCE	8-16M	8-16M

COLOR SELECTION

法拉利红	香槟金	香槟银	雪花银	云母黑
FERRARI RED	CHAMPAGNE GOLD	CHAMPAGNE SILVER	SNOWFLAKE SILVER	MICA BLACK

FUNCTION DESCRIPTION

K7 PRO 系列智能控制面板,内置 inSona 蓝牙芯片以极简大气的设计风格,金属漆工艺透出细腻的光泽质感,无边框按键设计,整体彰显简洁大气。多颜色选择,并支持刻字定制服务。K7 PRO 系列面板拥有 8 个可编辑按键,自由选择单设备、群组或者场景功能。零火 220V 供电,自带 4 路继电器负载输出,面板自带背光,采用微动按键设计,给予用户更好的操作反馈,支持开闭、联动灯光场景二合一,窗帘等 inSona 系统内其他设备。

THE K7 PRO SERIES INTELLIGENT CONTROL PANEL FEATURES AN INSONA BLUETOOTH CHIP EMBEDDED IN IT, WITH A MINIMALIST AND ATMOSPHERIC DESIGN STYLE. THE METAL PAINT PROCESS EXUDES A DELICATE AND GLOSSY TEXTURE, AND THE FRAMELESS BUTTON DESIGN HIGHLIGHTS THE OVERALL SIMPLICITY AND ATMOSPHERE. MULTIPLE COLOR OPTIONS AND SUPPORT FOR CUSTOMIZED LETTERING SERVICES. THE K7 PRO SERIES PANEL HAS 8 EDITABLE BUTTONS FOR FREELY SELECTING SINGLE DEVICE, GROUP, OR SCENE FUNCTIONS. ZERO FIRE 220V POWER SUPPLY, EQUIPPED WITH 4 RELAY LOAD OUTPUTS, PANEL WITH BACKLIGHT, DESIGNED WITH MICRO BUTTONS, PROVIDING USERS WITH BETTER OPERATIONAL FEEDBACK, SUPPORTING ON-OFF AND LINKAGE LIGHTING SCENES, CURTAINS AND OTHER DEVICES IN THE INSONA SYSTEM.
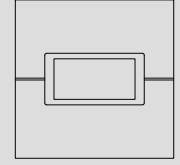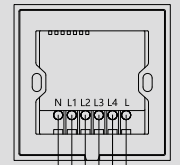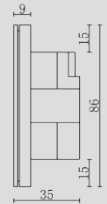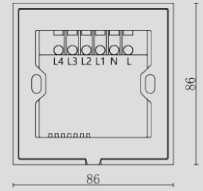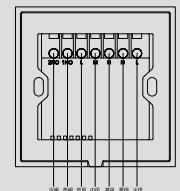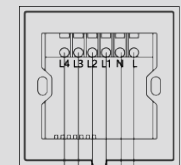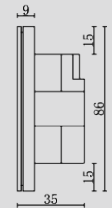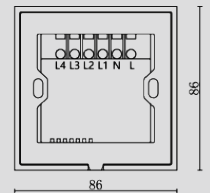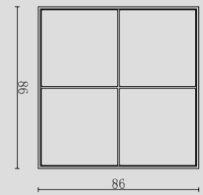
inSona

角木智能面板

| **CONTROL PANEL** | | inSona Bluebee· | **IP20** |

产品名称丨 PRODUCT NAME	**角木系列温控面板** IN-BLE-JM-P4W	**角木系列场景面板** IN-BLE-JM-P8L4
负载类型丨 LOAD TYPE	**6路（冷暖阀负载）** 6CIRCUITS (COLD AND WARM VALVES)	**4路（LED负载）** 4CIRCUITS (LED LOAD)
最大负载功率丨 MAX LOAD POWER	**负载单路1A** LOAD SINGLE CIRCUIT 1A	**负载单路10A LED200W/阻性800W** ONE-WAYLED200W,RESISTANCE800w
输入电压范围丨 OUTPUT VOLTAGE RANGE	**220-240V** 220-240V	**220-240V** 220-240V
输入频率丨 INPUT FREQUENCY	**50/60HZ** 50/60HZ	**50/60HZ** 50/60HZ
布线方式丨 WIRING MODE	**需要零火线** AC220V	**需要零火线** AC220V
工作湿度丨 WORKING HUMIDITY	**5-85%** 5-85 PERCENT	**5-85%** 5-85 PERCENT
工作温度丨 WORKING TEMPERATURE	**-20~+50°C** -20~+50℃	**-20~+50°C** -20~+50℃
储存温度,湿度丨 WORKING HUMIDITY	**-40~+80°C** -40~+80℃	**-40~+80°C** -40~+80℃
无线连接丨 WIRELESS CONNECTION	**BLUEBEE** BLUEBEE	**BLUEBEE** BLUEBEE
通信距离丨 COMMUNICATION DISTANCE	**8-16米** 8-16M	**8-16米** 8-16M

COLOR SELECTION

| 钛晶灰
TITANIUM GRAY | 陶瓷白
SUMATRAN GREY | 极地银
POLAR SILVER | 香槟金
CHAMPAGNE GOLD | 云母黑
MICA BLACK |

FUNCTION DESCRIPTION

角木系列智能控制面板,内置inSona蓝牙芯片以极简大气的设计风格,柔滑的金属质感加上边框按键设计,整体彰显简洁大气。多颜色选择,并支持刻字定制服务。角木系列面板拥有8个可编辑按键,自由选择单设备、群组或者场景功能。零火220V供电,自带4路继电器负载输出,面板自带背光,采用微动按键设计,给予用户更好的操作反馈,支持开闭、联动灯光场景二合一,窗帘等inSona系统内其他设备。

THE JIAOMU SERIES INTELLIGENT CONTROL PANEL IS EQUIPPED WITH INSONA BLUETOOTH CHIP IN A MINIMALIST AND ATMOSPHERIC DESIGN STYLE. THE AG SKIN GLASS TECHNOLOGY EXUDES A DELICATE AND GLOSSY TEXTURE, AND THE FRAMELESS BUTTON DESIGN HIGHLIGHTS THE OVERALL SIMPLICITY AND ATMOSPHERE. MULTIPLE COLOR OPTIONS AND SUPPORT FOR CUSTOMIZED LETTERING SERVICES. THE PANEL SUPPORTS 8 BUTTONS, CHOOSING SINGLE OR GROUP DEVICE FOR LIGHTING,OR SCENE FUNCTIONS FREELY. ZERO FIRE 220V POWER SUPPLY, EQUIPPED WITH 4 RELAY LOAD OUTPUTS, PANEL WITH BACKLIGHT, DESIGNED WITH MICRO BUTTONS, PROVIDING USERS WITH BETTER OPERATIONAL FEEDBACK, SUPPORTING ON-OFF AND LINKAGE LIGHTING SCENES2-IN-1, CURTAINS AND OTHER DEVICES IN THE INSONA SYSTEM.
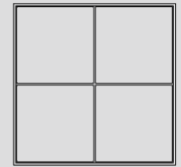
IN-BLE-JM-P8L4

IN-BLE-JM-P4W

参数仅供参考,具体以实际参数为准
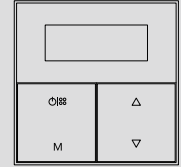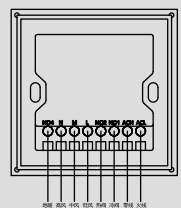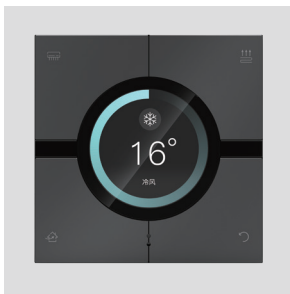
inSona

星日智能面板

CONTROL PANEL

inSona Bluebee· IP20

	星日系列温控面板 IN-BLE-XR-P4W	星日系列场景面板 IN-BLE-XR-P8L4
产品名称 | PRODUCT NAME		
负载类型 | LOAD TYPE	5路（冷暖阀负载） 5CIRCUITS (COLD AND WARM VALVES)	4路（LED负载） 4CIRCUITS (LED LOAD)
最大负载功率 | MAX LOAD POWER	负载单路1A LOAD SINGLE CIRCUIT 1A	负载单路10A LED200W/阻性800W ONE-WAYLED200W,RESISTANCE800w
输入电压范围 | OUTPUT VOLTAGE RANGE	220-240V 220-240V	220-240V 220-240V
输入频率 | INPUT FREQUENCY	50/60HZ 50/60HZ	50/60HZ 50/60HZ
布线方式 | WIRING MODE	需要零火线 AC220V	需要零火线 AC220V
工作湿度 | WORKING HUMIDITY	5-85% 5-85 PERCENT	5-85% 5-85 PERCENT
工作温度 | WORKING TEMPERATURE	-20~+50℃ -20~+50℃	-20~+50℃ -20~+50℃
储存温度,湿度 | WORKING HUMIDITY	-40~+80℃ -40~+80℃	-40~+80℃ -40~+80℃
无线连接 | WIRELESS CONNECTION	BLUEBEE BLUEBEE	BLUEBEE BLUEBEE
通信距离 | COMMUNICATION DISTANCE	8-16米 8-16M	8-16米 8-16M

COLOR SELECTION

法拉利红 FERRARI RED	香槟金 CHAMPAGNE GOLD	香槟银 CHAMPAGNE SILVER	雪花银 SNOWFLAKE SILVER	云母黑 MICA BLACK

FUNCTION DESCRIPTION

星日系列智能控制面板,内置inSona蓝牙芯片以极简大气的设计风格,金属漆工艺透出细腻的光泽质感,无边框按键设计,整体彰显简洁大气。多颜色选择,并支持刻字定制服务。面板拥有8个可编辑按键,自由选择单设备、群组或者场景功能。零火220V供电,自带4路继电器负载输出,面板自带背光,采用微动按键设计,给予用户更好的操作反馈,支持开闭、联动灯光场景二合一,窗帘等inSona系统内其他设备。

THE XINGRI SERIES INTELLIGENT CONTROL PANEL, WITH BUILT-IN INSONA BLUETOOTH CHIP, HAS A MINIMALIST DESIGN STYLE, AND THE METALLIC PAINT PROCESS REVEALS A DELICATE LUSTER TEXTURE, AND THE BORDERLESS KEY DESIGN SHOWS SIMPLICITY. MULTI-COLOR FOR CHOICE, AND SUPPORT LETTERING CUSTOMIZATION SERVICE. THE XINGRI SERIES PANEL HAS 8 EDITABLE BUTTONS, AND YOU CAN CHOOSE SINGLE OR GROUP DEVICE FOR LIGHTING.OR SCENE FUNCTIONS FREELY.ZERO-FIRE 220V POWER SUPPLY, 4-WAY RELAY LOAD OUTPUT, PANEL WITH BACKLIGHT, MICRO-BUTTON DESIGN, GIVING USERS BETTER OPERATION FEEDBACK, SUPPORTING OPENING AND CLOSING, LINKAGE LIGHTING SCENE 2-IN-1, CURTAINS AND OTHER DEVICES IN INSONA SYSTEM.
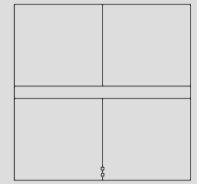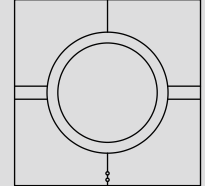
IN-BLE-XR-P8L4

IN-BLE-XR-P4W
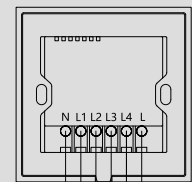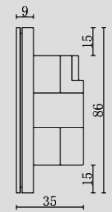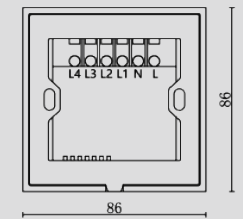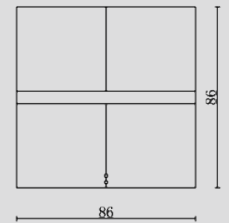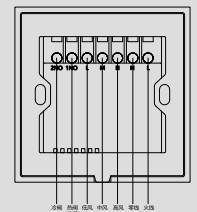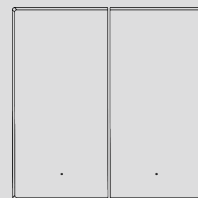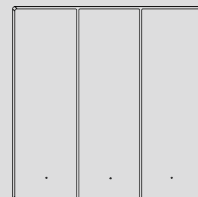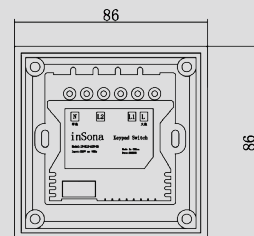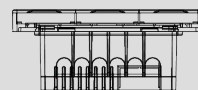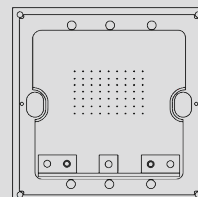
inSona

|	A系列智能面板

CONTROL PANEL

inSona Bluebee· | **IP20**

IN-BLE-SP/A1-S2

产品名称 | PRODUCT NAME	A系列单火控制面板 IN-BLE-SPS2/S3	A1系列面板 IN-BLE-A1-S2/S3
负载数量 | NUMBER OF LOADS	2路/3路 2CIRCUITS/3CIRCUITS	2路/3路 2CIRCUITS/3CIRCUITS
最大负载功率 | MAX LOAD POWER	单路 LED200W/ 阻性 800W ONE-WAYLED200W,RESISTANCE800w	单路 LED200W/ 阻性 800W ONE-WAYLED200W,RESISTANCE800w
输入电压范围 | OUTPUT VOLTAGE RANGE	220-240V 220-240V	220-240V 220-240V
输入频率 | INPUT FREQUENCY	50/60HZ 50/60HZ	50/60HZ 50/60HZ
布线方式 | WIRING MODE	火线 AC 220-240V	需要零火线 AC 220-240V
工作湿度 | WORKING HUMIDITY	5-85% 5-85 PERCENT	5-85% 5-85 PERCENT
工作温度 | WORKING TEMPERATURE	-20~+50° C -20~+50° C	-20~+50° C -20~+50° C
储存温度，湿度 | WORKING HUMIDITY	-40~+80° C -40~+80°C	-40~+80° C -40~+80°C
无线连接 | WIRELESS CONNECTION	**BLUEBEE** BLUEBEE	**BLUEBEE** BLUEBEE
通信距离 | COMMUNICATION DISTANCE	**8-16 米** 8-16M	**8-16 米** 8-16M

IN-BLE-SP/A1-S3

86

86

COLOR SELECTION

○ 白色

FUNCTION DESCRIPTION

A 系列智能单火面板，采用单火供电方式，多用于后装市场或者改造市场的装修。
A 系列智能场景面板，具有极高的性价比，适合商用与轻型商业项目。整体大按键，无边框设计，磨砂面质感，风格简约。
零火 220V 供电，具备多路负载输出，支持设备或者场景开闭、支持单设备、多设备、不同设备、群组或者场景的控制。

THE A-SERIES INTELLIGENT SINGLE FIRE PANEL ADOPTS A SINGLE FIRE POWER SUPPLY METHOD AND IS MOSTLY USED FOR DECORATION IN THE AFTERMARKET OR RENOVATION MARKET.
THE A-SERIES INTELLIGENT SCENE PANEL HAS A HIGH COST PERFORMANCE RATIO AND IS SUITABLE FOR COMMERCIAL AND LIGHT COMMERCIAL PROJECTS. OVERALL LARGE BUTTONS, FRAMELESS DESIGN, MATTE TEXTURE, AND MINIMALIST STYLE. ZERO FIRE 220V POWER SUPPLY, WITH MULTIPLE LOAD OUTPUTS, SUPPORTING DEVICE OR SCENE OPENING AND CLOSING, SUPPORTING CONTROL OF SINGLE DEVICE, MULTIPLE DEVICES, DIFFERENT DEVICES, GROUPS OR SCENES.
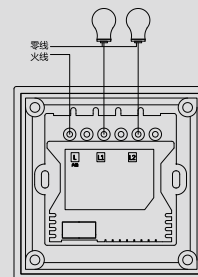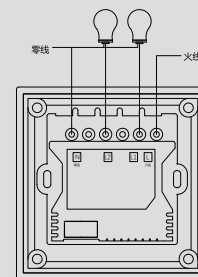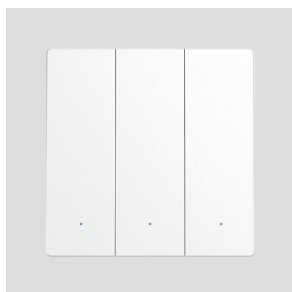

参数仅供参考,具体以实际参数为准

inSona

CONTROL PANEL

inSona Bluebee· **IP20**

产品名称| PRODUCT NAME	A系列随意贴 IN-BLE-A1-R2/R3	B系列随意贴 IN-BLE-B3-R4
面板颜色| PANEL COLOR	白色 WHITE	黑色 BLACK
布线方式| WIRING MOD	无需布线 NO WIRING REQUIRED	无需布线 NO WIRING REQUIRED
电源类型| POWER TYPE	CR2032*2 CR2032*2	CR2032*2 CR2032*2
续航时长| BATTERY LIFE	3~5年 3~5YEARS	3~5年 3~5YEARS
控制类型| STORAGE TEMPERATURE	色温/明暗/二/三场景按键/ COLOR TEMPERATURE/BRIGHTNESS/TWO/THREE SCENE BUTTONS/	色温 /明暗 /四场景按键/ COLOR TEMPERATURE / SHADE /FOUR SCENE BUTTON BUTTON
产品尺寸| WORKING HUMIDITY	86*86MM 86*86MM	86*88MM 86*88MM
通信距离| COMMUNICATION DISTANCE	8-16米 8-16M	8-16米 8-16M

IN-BLE-A1-R3

IN-BLE-B3-R4

86

12

86

88

86

88

COLOR SELECTION

白色 WHITE

黑色 BLACK
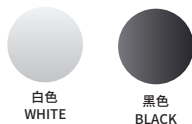
FUNCTION DESCRIPTION

A 系列面板随意贴版本,整体白色设计,简约大气,具备 2 或者 3 按键,功耗极低
B 系列智能控制面板随意贴版本,整体以黑色,简约而不失格调。面贴具备 4 按键 , 可任意联动网内的可控设备,实现单区域、跨区域的单设备、多设备、不同类型设备,群组或者场景功能的控制。支持点按与长按控制。该设备为移动控制方式的首选。

A SERIES PANEL CASUAL VERSION, OVERALL WHITE DESIGN, SIMPLE ATMOSPHERE, WITH 2 OR 3 BUTTONS, VERY LOW POWER CONSUMPTION
B SERIES INTELLIGENT CONTROL PANEL CASUALLY PASTED VERSION, THE WHOLE IS BLACK, SIMPLE BUT STYLISH. WITH 4 BUTTONS, THE FACE STICKER CAN BE ARBITRARILY LINKED WITH CONTROLLABLE DEVICES IN THE NETWORK TO REALIZE THE CONTROL OF SINGLE-REGION, CROSS-REGIONAL SINGLE-DEVICE, MULTI-DEVICE, DIFFERENT TYPES OF DEVICES, GROUPS OR SCENE FUNCTIONS. SUPPORTS TAP AND LONG PRESS CONTROL. THE DEVICE IS THE PREFERRED MOBILE CONTROL METHOD.

初春 Spring　　盛夏 Summer
凉秋 Autumn　　暖冬 Winter

参数仅供参考,具体以实际参数为准
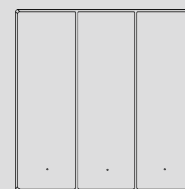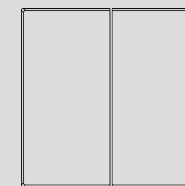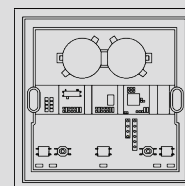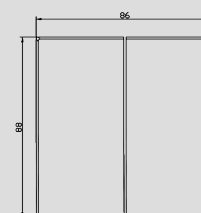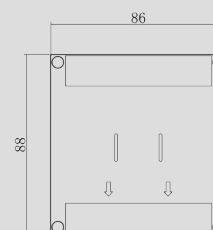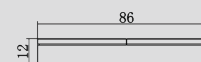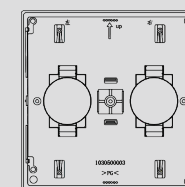
inScna
CONTROL PANEL

THIS PRODUCT IS A MULTI-FUNCTIONAL LCD SERIES SCENE PANEL (MODEL: IN-BLE-S1M),
WITH BUILT-IN BLUETOOTH CHIP, WHICH SUPPORTS
SINGLE EQUIPMENT, GROUP AND SCENE CONTROL ARE CARRIED OUT WITHOUT GATEWAY.
THE EQUIPMENT ITSELF IS POWERED BY 220V POWER SUPPLY
CONNECT WITH MOBILE APP AND SUPPORT LINKAGE LIGHTING, CURTAINS OR OTHER
DEVICES IN INSONA SYSTEM.

inSona

智能触摸屏

CONTROL PANEL

inSona Bluebee· **IP20**

产品名称 | PRODUCT NAME	智能触摸屏 IN-BLE-S1M
无线类型 | WIRELESS TYPE	BLUEBEE WIFI BLUEBEE WIFI
输入电压 | INPUT VOLTAGE	220-240V 220-240VOLTS
频率范围 | FREQUENCY RANGE	50/60Hz 50/60Hz
布线方式 | WIRING MODE	零火供电 AC220-240V
工作湿度 | WORKING HUMIDITY	5-85% 5-85 PERCENT
产品尺寸 | PRODUCT SIZE	86*86*10mm 86*86*10mm

COLOR SELECTION

黑色
BLACK

FUNCTION DESCRIPTION

本设备为场景控制设备,设备控制界面等同 APP 操作界面,具有控制网内任意设备的功能。外观简洁线条流畅,为智慧灯光系统的点睛之笔。设备采用 220V 供电,通过蓝牙与网内设备通信,支持有线与无线 WiFi 联网,设备支持在线 OTA 功能。

THIS DEVICE IS A SCENE CONTROL DEVICE, AND THE DEVICE CONTROL INTERFACE IS EQUIVALENT TO THE APP OPERATION INTERFACE, WHICH HAS THE FUNCTION OF CONTROLLING ANY DEVICE IN THE NETWORK. THE APPEARANCE LINES ARE SMOOTH, WHICH IS THE CROWNING TOUCH OF THE INTELLIGENT LIGHTING SYSTEM. THE EQUIPMENT IS POWERED BY 220V, COMMUNICATES WITH DEVICES IN THE NETWORK THROUGH BLUETOOTH, SUPPORTS WIRED AND WIRELESS WIFI NETWORKING, AND SUPPORTS ONLINE OTA FUNCTION.

IN-BLE-S1M

86
10
28

86

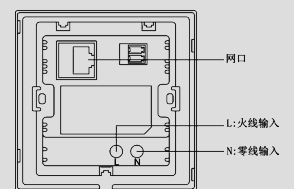86

86

86

接口说明

麦克风
光线传感器

接线说明

网口
L:火线输入
N:零线输入

参数仅供参考,具体以实际参数为准

BLOSSOM
PILATES

inSona

WIRELESS
REMOTE
CONTROL

遥 控 系 列

inSona
WIRELESS REMOTE CONTROL

THIS PRODUCT ADOPTS BATTERY POWER SUPPLY, SUPPORTS BRIGHTNESS AND COLOR
TEMPERATURE ADJUSTMENT, AND SUPPORTS THE SETTING OF SCENE MODE. LET YOU
CONTROL THE LIGHTING ATMOSPHERE WHEREVER YOU ARE.

60.00

120.00

① 上下键是 亮度
② 左右键是 色温
③ 自定义按键
④ 自定义按键
⑦ 节律按键
⑥ 自定义按键
⑤ 自定义按键

inSona

智能遥控器

| **WIRELESS REMOTE CONTROL** | inSona Bluebee· | **IP20** |

型号 MODEL	遥控器 IN-BLE-YK01
电源类型 POWER TYPE	CR2032 CR2032
控制方式 CONTROL MODE	无线遥控 WIRELESS REMOTE CONTROL
控制类型 STORAGE TEMPERATURE RANGE	色温/明暗/多场景按键 COLOR TEMPERATURE / SHADE /MULTI-SCENE BUTTONE
产品尺寸 WORKING HUMIDITY	120*60MM 120*60MM

FUNCTION DESCRIPTION

inSona 智能灯光遥控器，外观简约、精致，大按键设计使用舒适，配备底座，多颜色选择。支持一键开关、按键切换亮度色温调节，旋转触摸调节亮度色温，预设 4 种场景模式，搭配 inSona 配套的产品，可完美实现与灯光、场景面板、感应器的搭配使用。

INSONA INTELLIGENT LIGHTING REMOTE CONTROL, SIMPLE AND EXQUISITE APPEARANCE, LARGE BUTTON DESIGN COMFORTABLE TO USE, EQUIPPED WITH A BASE, MULTI-COLOR SELECTION. SUPPORT ONE-BUTTON SWITCH, BUTTON SWITCHING BRIGHTNESS COLOR TEMPERATURE ADJUSTMENT, ROTATING TOUCH BRIGHTNESS COLOR TEMPERATURE ADJUSTMENT, PRESET 4 SCENE MODES, WITH INSONA MATCHING PRODUCTS, CAN PERFECTLY REALIZE THE USE OF LIGHTING, SCENE PANEL, SENSOR.

参数仅供参考，具体以实际参数为准
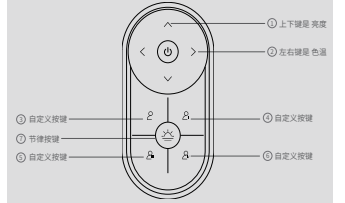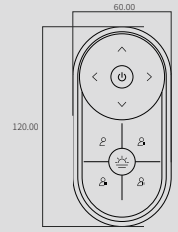
inSona

WIRELESS REMOTE CONTROL

THIS PRODUCT ADOPTS BATTERY POWER SUPPLY, SUPPORTS BRIGHTNESS AND COLOR
TEMPERATURE ADJUSTMENT, AND SUPPORTS THE SETTING OF SCENE MODE. LET YOU
CONTROL THE LIGHTING ATMOSPHERE WHEREVER YOU ARE.

inSona

智能遥控器

## WIRELESS REMOTE CONTROL   IP20

型号 MODEL	智能调光遥控器 IN-BLE-YK02	智能调光遥控器 IN-BLE-YKO2-S
电源类型 POWER TYPE	Li-battery+Type-C Li-battery+Type-C	Li-battery+Type-C Li-battery+Type-C
控制方式 CONTROL MODE	无线遥控 WIRELESS REMOTE CONTROL	无线遥控 WIRELESS REMOTE CONTROL
控制类型 STORAGE TEMPERATURE RANGE	色温/明暗/多场景按键 COLOR TEMPERATURE / SHADE /MULTI-SCENE BUTTONE	色温/明暗/多场景按键 COLOR TEMPERATURE / SHADE /MULTI-SCENE BUTTONE
产品尺寸 WORKING HUMIDITY	120*60MM 120 * 60MM	66*66*22MM 66*66*22MM
待机时间 WORKING HUMIDITY	1 年 1YEAR	1 年 1YEAR

FUNCTION DESCRIPTION

inSona 智能灯光遥控器，外观简约、精致，大按键设计使用舒适，配备底座，多颜色选择。支持一键开关、按键切换亮度色温调节，旋转触摸调节亮度色温，预设 3 种场景模式，搭配 inSona 配套的产品，可完美实现与灯光、场景面板、感应器的搭配使用。

INSONA INTELLIGENT LIGHTING REMOTE CONTROL, SIMPLE AND EXQUISITE APPEARANCE, LARGE BUTTON DESIGN COMFORTABLE TO USE, EQUIPPED WITH A BASE, MULTI-COL-OR SELECTION. SUPPORT ONE-BUTTON SWITCH, BUTTON SWITCHING BRIGHTNESS COLOR TEMPERATURE ADJUSTMENT, ROTATING TOUCH BRIGHTNESS COLOR TEMPERATURE ADJUSTMENT, PRESET 3 SCENE MODES, WITH INSONA MATCHING PRODUCTS, CAN PERFECTLY REALIZE THE USE OF LIGHTING, SCENE PANEL, SENSOR.
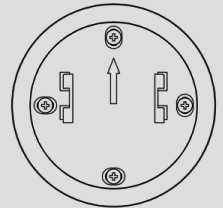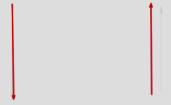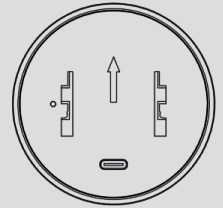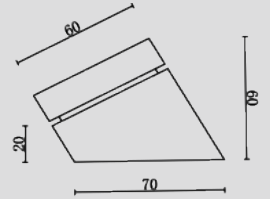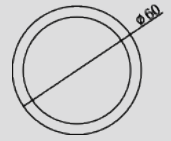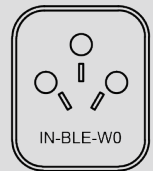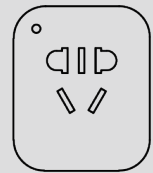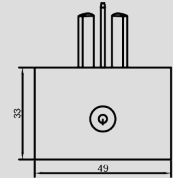
inSona

DRIVING POWER SUPPLY	inSona Bluebee·	IP20

型号 MODEL	IN-BLE-W0
额定输入 RATED INPUT	220V（50-60）HZ
输入电压范围 OUTPUT VOLTAGE RANGE	220-240v Max
最大负载功率 MAX LOAD POWER	阻性负载 1000W MAX/LED 负载 200W MAX
工作湿度 WORKING HUMIDITY	5-85%
工作温度 WORKING TEMPERATURE	-20~+50˚C
储存温度，湿度 WORKING HUMIDITY	-40~+80°C
无线连接 WIRELESS CONNECTION	BLUEBEE
通信距离 COMMUNICATION DISTANCE	8-16 米
尺寸 MEASURE	58*48*33mm

FUNCTION DESCRIPTION

inSona 蓝牙移动插座，体积小、重量轻、稳定可靠；安装使用方便美观，轻松通电断电，支持阻性负载 1000W MAX，LED 负载 200W MAX，可通过 inSona 线上 APP 控制通电设备。

INSONA BLUETOOTH MOBILE SOCKET, SMALL IN SIZE, LIGHT IN WEIGHT, STABLE AND RELIABLE; EASY AND BEAUTIFUL TO INSTALL AND USE, EASY TO POWER ON AND OFF, SUPPORTS RESISTIVE LOAD UP TO 1000W MAX, LED LOAD UP TO 200W MAX, AND CAN CONTROL POWERED DEVICESS THROUGH THE INSONA ONLINE APP.

IN-BLE-W0

参数仅供参考,具体以实际参数为准

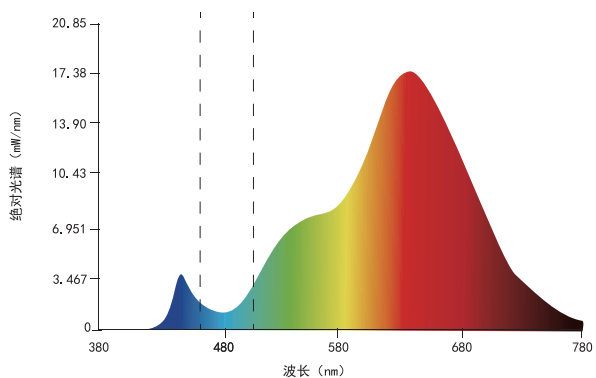# HEALTHY LIGHT ENGINE SERIES

健 康 光 引 擎 系 列

inSona

HEALTIHY LIGHT
健康光

昼夜型
DAY+NIGHT

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

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 VERSION: 6500K
HIGH 480NM WAVELENGTH, INHIBITING MELATONIN SECRETION
INCREASE BLUE-GREEN SPD → HIGH M/P RATIO
MAKE PEOPLE MORE ENERGETIC
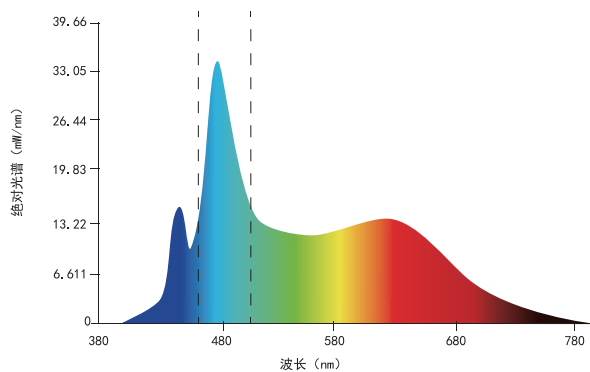
HEALING LIGHT
治愈光

RHYTHM FACTOR SERIES
节律因子系列

节律因子
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
BY ADJUSTING THE WAVELENGTH OF THE 480NM BAND IN THE SPECTRUM
THEREBY AFFECTING THE SECRETION OF MELATONIN IN THE HUMAN BODY
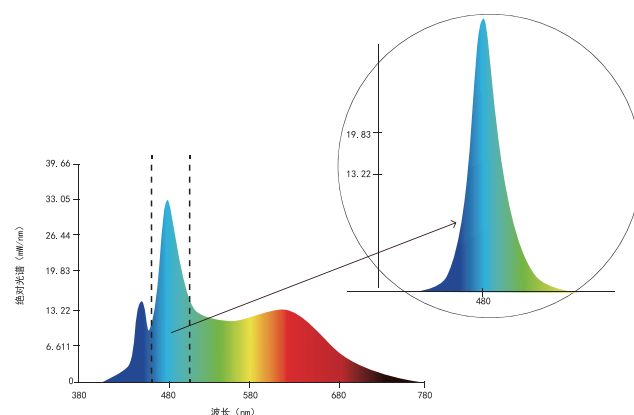


通过控制任意色温光谱之中480NM的波长,从而影响人体褪黑素的分泌

NATURAL LIGHT
自然光

MULTIPOINT CONTINUOUS FULL SPECTRUM
多点连续全光谱

inSona多点连续全光谱

三通道COB,冷暖色温采用全光谱光源,在中间色温调节添加特殊波长,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 MULTIPOINT CONTINUOUS FULL SPECTRUM COB
THREE CHANNEL COB, FULL SPECTRUM LIGHT SOURCE FOR COLD AND WARM
COLOR TEMPERATURES, SPECIAL WAVELENGTH ADDED TO THE MIDDLE COLOR
TEMPERATURE ADJUSTMENT, CAN OVERLAP THE ORIGINAL DIMMING CURVE
FROM THE STRAIGHT LINE TO THE BLACKBODY LINE, THUS ACHIEVING DUAL
COLOR TEMPERATURE, MULTI LINE, AND FULL SPECTRUM
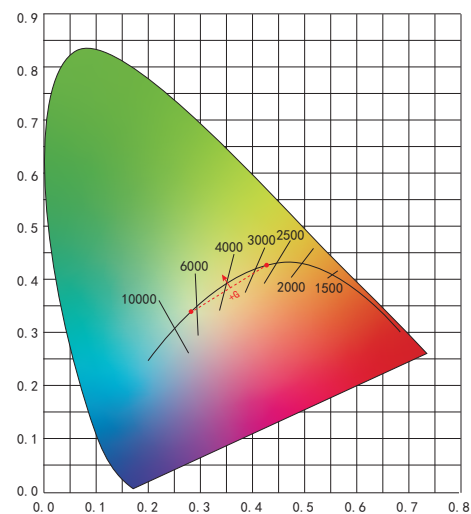
inSona

CURTAIN MOTOR

窗 帘 电 机 系 列

inSona
CURTAIN MOTOR

THROUGH BLUETOOTH NETWORK, IT CAN START, CLOSE, STOP, PERCENTILE STROKE
CONTROL AND OTHER FUNCTIONS OF THE MOTOR, AND SUPPORT HANDHELD REMOTE
CONTROL
MANY FUNCTIONS SUCH AS REMOTE CONTROLLER, FACE PASTE REMOTE CONTROLLER,
BLUETOOTH REMOTE CONTROLLER AND APP CONTROL CAN BE COMPLETED WITH THE
SUPPORTING PRODUCTS OF INSONA
BEAUTY REALIZES THE PERFECT COMBINATION WITH LIGHTS, SCENE PANELS AND
SENSORS.

inSona

开合帘电机

OPENING AND CLOSING

inSona Bluebee· IP20

	IN-BLE-DT82	IN-BLE-MQA
型号 MODEL	IN-BLE-DT82	IN-BLE-MQA
控制方式 CONTROL MODE	无线433MHZ遥控、蓝牙	无线433MHZ遥控、蓝牙
额定电压 RATED VOLTAGE	100V~240Hz	1100~240V, 50/60Hz
额定扭矩 RATED TORQUE	1.2N.m	1.2N.m
额定转速 OUTPUT CURRENT	14cm/s	12cm/s
工作温度范围 OPERATING TEMPERATURE RANGE	-10℃~+70℃	-15℃~+55℃
额定功率 RATED POWER	13W	22W
最大负载 MAXIMUM LOAD	50Kg	50Kg
运行声音 RUN THE SOUND	33dB	24.7dB
热保护时间 THERMAL PROTECTION TIME	<4分钟	<12分钟
电源线类型 TYPE OF POWER CORD	5芯	3芯
保护功能 PROTECTION FEATURES	过载、过热保护	过载、过热保护
电机尺寸 MOTOR SIZE	334*60*50mm	310*40*40mm

FUNCTION DESCRIPTION

inSona 蓝牙开合帘控制马达，外观精致小巧，可安装于极窄空间。内置 inSona 蓝牙芯片、无需网关、本地运行。适用于各种开合帘马达适用场合，具有电子行程限位、内置接收功能+遇阻停止的功能、轻触启动功能、停电手拉、安全电压、静音等众多功能。通过蓝牙网络可进行马达的开启、关闭、停止、百分位行程控制等各种功能，支持手持 遥控器、面贴遥控器、蓝牙遥控器、App 控制等众多功能，搭配 inSona 配套的产品，可完美实现与灯光、场景面板、感应器的完美搭配使用。

THE BLUETOOTH CURTAIN OPENING AND CLOSING CONTROL MOTOR HAS A DELICATE AND COMPACT APPEARANCE AND CAN BE INSTALLED IN A VERY NARROW SPACE. BUILT IN INSONA BLUETOOTH CHIP, NO GATEWAY, LOCAL OPERATION. IT IS APPLICABLE TO VARIOUS OCCASIONS OF OPENING AND CLOSING CURTAIN MOTORS. IT HAS MANY FUNCTIONS, SUCH AS ELECTRONIC TRAVEL LIMIT, BUILT-IN RECEIVING FUNCTION + STOP IN CASE OF RESISTANCE, LIGHT TOUCH START FUNCTION, MANUAL PULL IN CASE OF POWER FAILURE, SAFE VOLTAGE, MUTE AND SO ON. THROUGH THE BLUETOOTH NETWORK, IT CAN START, CLOSE, STOP, PERCENTILE STROKE CONTROL AND OTHER FUNCTIONS OF THE MOTOR. IT ALSO SUPPORTS HANDHELD REMOTE CONTROL, FACE PASTE REMOTE CONTROL, BLUETOOTH REMOTE CONTROL AND APP CONTROL. WITH THE SUPPORTING PRODUCTS OF INSONA, IT CAN BE PERFECTLY MATCHED WITH LIGHTS, SCENE PANELS AND SENSORS.

褐色-火线
蓝色-零线
黄绿-地线

49
55

278

59

49
55

设置键
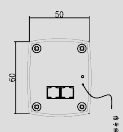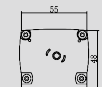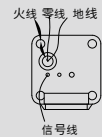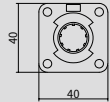
inSona

梦幻帘电机

DREAM CURTAIN MOTOR

inSona Bluebee· **IP20**

型号 MODEL	IN-BLE-WSCMXH
控制方式 CONTROL MODE	无线433MHZ遥控、蓝牙
额定电压 RATED VOLTAGE	100-240V
额定扭矩 RATED TORQUE	1.2NM
额定转速 OUTPUT CURRENT	9/12/14cm/s
工作温度范围 OPERATING TEMPERATURE RANGE	-10℃~+70℃
额定功率 RATED POWER	18W
最大负载 MAXIMUM LOAD	50Kg
运行声音 RUN THE SOUND	33dB
热保护时间 THERMAL PROTECTION TIME	<4分钟
电源线类型 TYPE OF POWER CORD	3芯
保护功能 PROTECTION FEATURES	过载、过热保护
电机尺寸 MOTOR SIZE	278*55*44mm

FUNCTION DESCRIPTION

inSona 蓝牙梦幻帘控制马达，外观精致小巧，可安装于极窄空间。内置 inSona 蓝牙芯片、无需网关、本地运行。适用于各种开合帘马达适用场合，具有电子行程限位、内置接收功能+遇阻停止的功能、轻触启动功能、停电手拉、安全电压、静音等众多功能。通过蓝牙网络可进行马达的开启、关闭、停止、百分位行程控制等各种功能，支持手持 遥控器、面贴遥控器、蓝牙遥控器、App 控制等众多功能，搭配 inSona 配套的产品，可完美实现与灯光、场景面板、感应器的完美搭配使用。

INSONA BLUETOOTH DREAM CURTAIN CONTROL MOTOR, WITH A DELICATE AND COMPACT APPEARANCE, CAN BE INSTALLED IN EXTREMELY NARROW SPACES. BUILT IN INSONA BLUETOOTH CHIP, NO GATEWAY REQUIRED, AND RUNS LOCALLY. SUITABLE FOR VARIOUS OCCASIONS OF OPENING AND CLOSING CURTAIN MOTORS, IT HAS ELECTRONIC TRAVEL LIMIT, BUILT-IN RECEIVING FUNCTION+STOP FUNCTION WHEN ENCOUNTERING OBSTACLES, LIGHT TOUCH START FUNCTION, POWER OUTAGE HAND PULL, SAFETY VOLTAGE, MUTE AND MANY OTHER FUNCTIONS. THROUGH BLUETOOTH NETWORK, VARIOUS FUNCTIONS SUCH AS MOTOR ON/OFF, STOP, AND PERCENTILE TRAVEL CONTROL CAN BE PERFORMED. IT SUPPORTS VARIOUS FUNCTIONS SUCH AS HANDHELD REMOTE CONTROL, PATCH REMOTE CONTROL, BLUETOOTH REMOTE CONTROL, APP CONTROL, ETC. WHEN PAIRED WITH INSONA'S MATCHING PRODUCTS, IT CAN PERFECTLY MATCH WITH LIGHTING, SCENE PANELS, AND SENSORS.

参数仅供参考，具体以实际参数为准
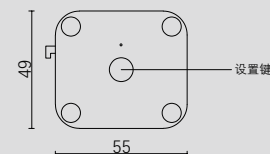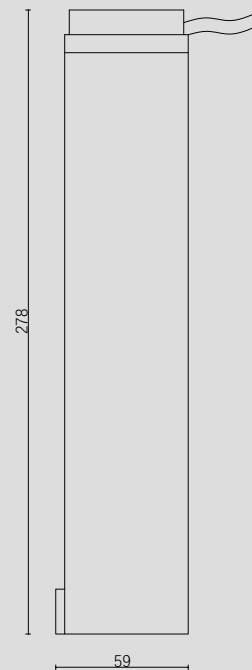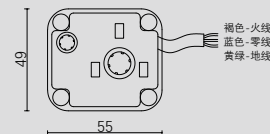
inSona

卷帘电机

ROLLER SHUTTER MOTOR		inSona Bluebee·	IP20

|	IN-BLE-DM35	IN-BLE-ER40Q
型号 MODEL	IN-BLE-DM35	IN-BLE-ER40Q
控制方式 CONTROL MODE	无线433MHZ遥控、蓝牙	无线433MHZ遥控、蓝牙
额定电压 RATED VOLTAGE	230V 50Hz	230V 50Hz
额定扭矩 RATED TORQUE	8N.m	8N.m
额定转速 OUTPUT CURRENT	17rpm	19rpm
工作温度范围 OPERATING TEMPERATURE RANGE	-10℃~+70℃	-20℃~+55℃
额定功率 RATED POWER	98W	121W
最大负载 MAXIMUM LOAD	19Kg	32Kg
运行声音 RUN THE SOUND	35dB	45dB
热保护时间 THERMAL PROTECTION TIME	<4分钟	<4分钟
群脉冲 SWARM PULSES	/	3KV,5KHz/100KHz
高压静电测试 HIGH VOLTAGE ELECTROSTATIC TEST	/	6KV（接触）,8KV（空气）
雷击浪涌 LIGHTNING SURGES	/	L 与 N 之间 1KV L 与 PE 之间 2KV
保护功能 PROTECTION FEATURES	过载、过热保护	过载、过热保护
电机尺寸 MOTOR SIZE	L=605mm Φ=35	L=555mm Φ=39

FUNCTION DESCRIPTION

inSona 蓝牙卷帘控制马达，内置 inSona 蓝牙芯片、无需网关、本地运行。支持电动卷帘、电动木百叶、电动蜂巢帘、电动罗马帘、电动百折帘，电动幕布，具有电子行程限位、内置接收功能+电动控制、静音功能等众多功能。通过蓝牙网络可进行马达的上升、下降、停止、百分位行程控制等各种功能，支持手持遥控器、面贴遥控器、蓝牙遥控器、APP 控制等众多功能，搭配inSona配套的产品，可完美实现与灯光、场景面板、感应器的完美搭配使用。

INSONA BLUETOOTH ROLL CURTAIN CONTROL MOTOR, BUILT-IN INSONA BLUETOOTH CHIP, NO GATEWAY, LOCAL OPERATION. SUPPORT ELECTRIC ROLLING CURTAIN, ELECTRIC WOODEN SHUTTER, ELECTRIC HONEYCOMB CURTAIN, ELECTRIC ROMAN CURTAIN, ELECTRIC FOLDING CURTAIN, ELECTRIC CURTAIN, WITH ELECTRONIC TRAVEL LIMIT, BUILT-IN RECEIVING FUNCTION + ELECTRIC CONTROL, MUTE FUNCTION AND MANY OTHER FUNCTIONS. THROUGH BLUETOOTH NETWORK, THE MOTOR CAN RISE, FALL, STOP, PERCENTILE STROKE CONTROL AND OTHER FUNCTIONS. IT SUPPORTS HANDHELD REMOTE CONTROL, FACE STICK REMOTE CONTROL, BLUETOOTH REMOTE CONTROL, APP CONTROL AND MANY OTHER FUNCTIONS. WITH THE MATCHING PRODUCTS OF INSONA, IT CAN BE PERFECTLY USED WITH LIGHTING, SCENE PANEL AND SENSORS.
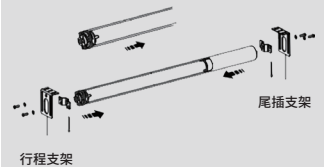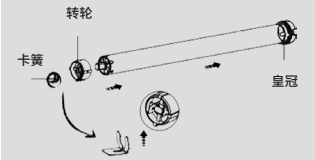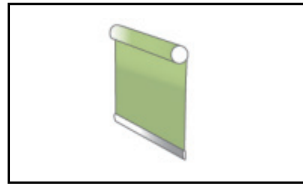
IN-BLE-ER40Q
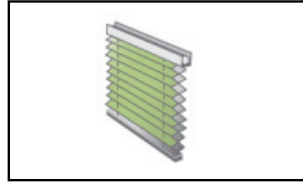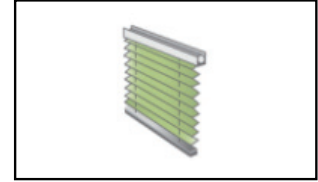
IN-BLE-DM35

传动管

传动管

转轮

卡簧

皇冠

尾插支架

行程支架

参数仅供参考，具体以实际参数为准

卷帘电机应用
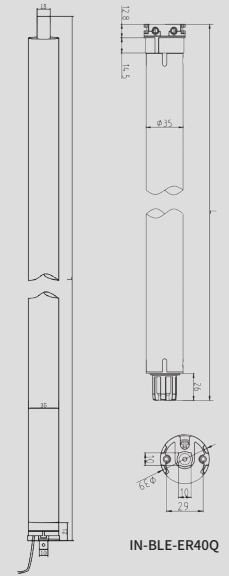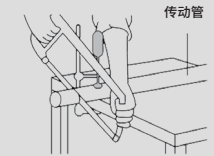
可搭配卷帘
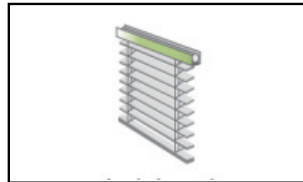
可搭配罗马帘
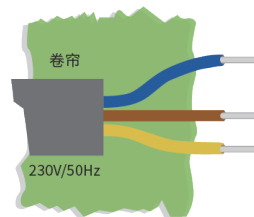
可搭配蜂巢帘

可搭配百折帘

可搭配木百叶

可搭配投影幕

FUNCTION LINE CONNECTION

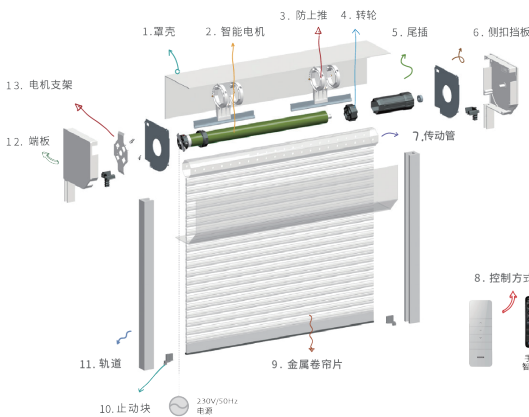120V/6oHz
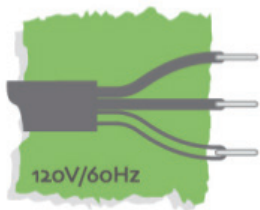
白色线=零　线 White=Neutral

黑色线=火　线 Black=Direction

绿色线=接地线 Green=Earth

卷帘

230V/50Hz

蓝色线=零　线 White=Neutral

棕色线=火　线 Brown=Direction

MOTOR STRUCTURE

1.罩壳　2.智能电机　3.防上推　4.转轮　5.尾插　6.侧扣挡板
13.电机支架
12.端板
7.传动管
11.轨道　　9.金属卷帘片
10.止动块　　230V/50Hz 电源
8.控制方式
手机wifi智能控制

Residence 住宅

Commercial Plaza 商业广场

Smart Apartment 房地产

Outline / 电机外观图

DC1600

Dimension drawing / 电机外形尺寸图

6.5 16.3 L1 L2 Φ35
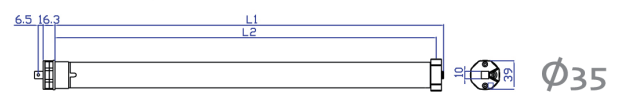
Inner Structure Picture / 电机内部结构爆炸图

行程　内置接收器　电容　电机　刹车　减速
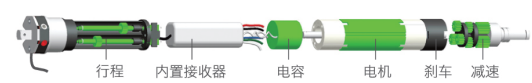
inSona
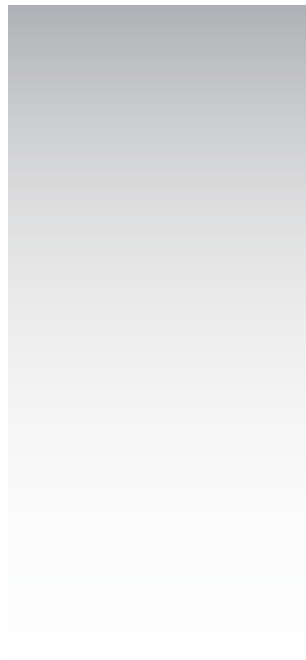
SENSOR
INTRODUCE

传 感 器 系 列

inSona
SENSOR INTRODUCE

HIS DEVICE IS DESIGNED TO SOLVE THE PROBLEM THAT THE INFRARED SENSOR IN THE
TRADITIONAL SMART HOME HAS SMALL DISPLACEMENT IN A SHORT TIME OR
THE DETECTION OF SMALL ACTION RANGE IS DESIGNED WITHOUT PREPARATION OR
FALSE ALARM, AND THE BREATHING DETECTION MODULE IS BUILT IN THE EQUIPMENT
BLOCK IS COMBINED WITH BLUETOOTH 2.4G MODULE TO DETECT THE PRESENCE SIGNAL
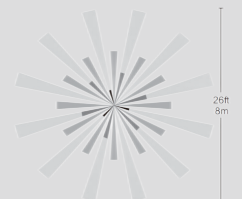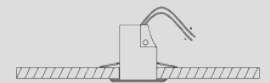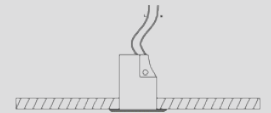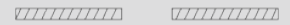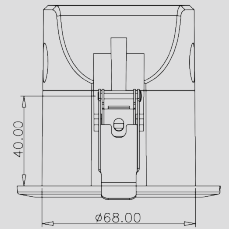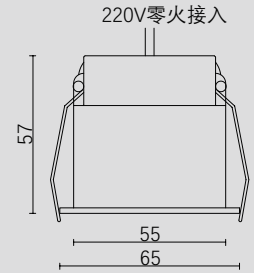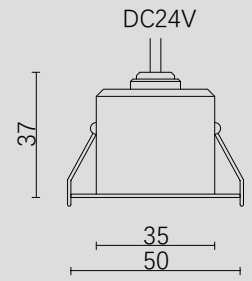OF HUMAN BODY AND APPLY IT TO SMART LIGHT
IN THE SYSTEM, THE USER CAN CONTROL THE SENSOR THROUGH APP AND MEASURE THE
SENSING DISTANCE OF THE SENSOR
DEPARTURE TIME, DELAY TIME AND AMBIENT ILLUMINATION ARE SET AND LINKED.

inSona

EXISTENTIAL DETECTOR

inSona Bluebee·   **IP20**

型号 MODEL	存在式微波探测器(40开孔) IN-BLE-DCS-SEN	存在式微波探测器(55开孔) IN-BLE-SENAC201	存在式微波探测器(75开孔) IN-BLE-SENACO27
额定电压 RATED VOLTAGE	DC24V DC24v	220-240VAC 220-240VAC	220-240VAC 220-240VAC
空载功耗 NO LOAD POWER CONSUMPTION	＜1W ＜1W	＜1W ＜1W	＜1W ＜1W
待机功耗 STANDBY POWER CONSUMPTION	≤1.5W ≤1.5W	≤1.5W ≤1.5W	≤1.5W ≤1.5W
开孔尺寸 DIMENSION	40mm 40mm	55mm 55mm	75mm 75mm
工作温度 WORKING TEMPERATURE	-10~+50℃ -10~+50℃	0~+50℃ 0~+50℃	-25~+50℃ -25~+50℃
储存温度，湿度 WORKING HUMIDITY	-20℃~+65℃ -2O℃~+65℃	-25℃~+80℃ -25℃~+80℃	-35℃~+80℃ -35℃~+80℃
感应范围 WIRELESS CONNECTION	可调节 ADJUSTABLE	可调节 ADJUSTABLE	可调节 ADJUSTABLE
产品尺寸 PRODUCT SIZE	Φ50x37mm Φ50x37mm	Φ65x57mm Φ65x57mm	Φ90x80mm Φ90x80mm

COLOR SELECTION

白色
WHITE

FUNCTION DESCRIPTION

本设备为解决传统智能家居中红外传感器对于短时间内位移较小或者小动作范围的探测不准备或者误报而设计，通过设备内置呼吸探测模块与蓝牙2.4G模块相结合，实现检测人体存在信号并应用于智慧灯光系统内，用户可以通过APP 对感应器进行控制，对感应器进行感应距离、延时时间、环境照度进行设置和联动，该设备支持直接与其他蓝牙设备在无网关情况下搭配使用。

THIS DEVICE IS DESIGNED TO SOLVE THE PROBLEM THAT THE INFRARED SENSOR IN THE TRADITIONAL SMART HOME IS UNPREPARED OR GIVES FALSE ALARM FOR THE DETECTION OF SMALL DISPLACEMENT OR SMALL MOVEMENT RANGE IN A SHORT TIME. BY COMBINING THE BUILT-IN BREATHING DETECTION MODULE OF THE DEVICE WITH THE BLUETOOTH 2.4G MODULE, IT CAN DETECT THE SIGNAL OF HUMAN BODY AND APPLY IT TO THE SMART LIGHTING SYSTEM. USERS CAN CONTROL THE SENSOR THROUGH APP, AND SET AND LINK THE SENSOR'S SENSING DISTANCE, DELAY TIME AND AMBIENT ILLUMINATION. THIS DEVICE SUPPORTS DIRECT USE WITH OTHER BLUETOOTH DEVICES WITHOUT GATEWAY.
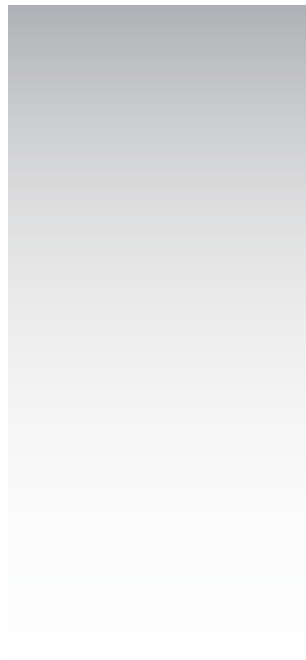
inSona
SENSOR INTRODUCE

THE DEVICE IS USED FOR PASSIVE INFRARED CEILING DETECTOR FOR LARGE-SCALE
HUMAN DISPLACEMENT AND MOVEMENT. THE SENSOR HAS A BUILT-IN BLUETOOTH
MODULE
GROUP, WHICH CAN BE USED DIRECTLY WITH OTHER BLUETOOTH MODULES OF INSONA.

inSona

红外感应器

THERMAL MOVEMENT SENSOR | inSona Bluebee· | IP20

| 型号 MODEL	移动式热移动传感器 (电池) IN-BLE-SENDC123A	热移动传感器 IN-BLE-SENDC3001
电源 POWER SUPPLY	CR123A CR123A	2AA BATTERIES 2AA BATTERIES
待机功耗 STANDBY POWER CONSUMPTION	≤15uA 小于等于15uA	＜1W 小于1W
工作温度 WORKING TEMPERATURE	-10℃～+55℃ -10℃~ +55℃CENTIGRADE	0~32℃ 0~32CENTIGRADE
感应范围 WIRELESS CONNECTION	可调节 ADJUSTABLE	可调节 ADJUSTABLE
产品尺寸 PRODUCT SIZE	Φ48.4x58.4mm Φ48.4x58.4mm	Φ105x35mm Φ105x35mm

COLOR SELECTION

白色
WHITE

FUNCTION DESCRIPTION

inSona 热移动吸顶传感器本设备应用于针对大范围人体位移移动的被动式红外吸顶探测器，该传感器内置蓝牙模组；设备需 5 号电池供电，吸顶安装。底部可设置红外感应灵敏度 25%、50%、75%、100%，自定义感应控制的灯具数量，通过 inSona 手机 app 可以设置触发间隔跟自动熄灭时间自定义，无需网关支持灯场景联动。

INSONA THERMAL MOBILE CEILING SENSOR THIS DEVICE IS APPLIED TO THE PASSIVE INFRARED CEILING DETECTOR FOR LARGE-SCALE HUMAN DISPLACEMENT AND MOVEMENT. THE SENSOR HAS A BUILT-IN BLUETOOTH MODULE; THE EQUIPMENT NEEDS NO. 5 BATTERY POWER SUPPLY AND CEILING INSTALLATION. THE INFRARED SENSING SENSITIVITY OF 25%, 50%, 75% AND 100% CAN BE SET AT THE BOTTOM. THE NUMBER OF LAMPS CONTROLLED BY SENSING CAN BE CUSTOMIZED. THE TRIGGER INTERVAL AND AUTOMATIC OFF TIME CAN BE CUSTOMIZED THROUGH THE INSONA MOBILE APP. THERE IS NO NEED FOR THE GATEWAY TO SUPPORT THE LINKAGE OF LAMP SCENES.

48

54

■ 移动（速度 0.3m/s）

■ 呼吸

■ 微动

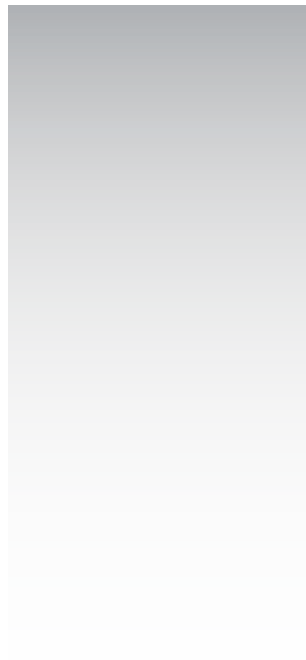参数仅供参考，具体以实际参数为准
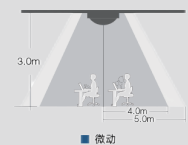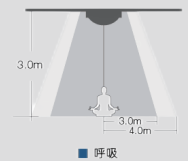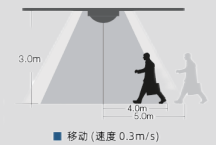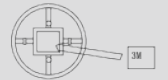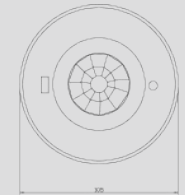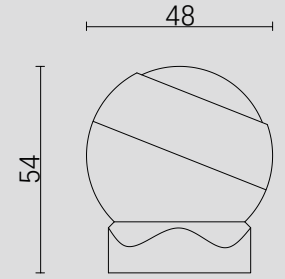
inSona

OPEN
PROTOCOL
FRAMEWORK

网 关 系 列

inSona

OPEN PROTOCOL FRAMEWORK

THE BLUETOOTH CURTAIN OPENING AND CLOSING CONTROL MOTOR HAS A DELICATE AND COMPACT APPEARANCE AND CAN BE INSTALLED IN A VERY NARROW SPACE. BUILT IN INSONA BLUETOOTH CHIP, NO GATEWAY, LOCAL OPERATION. IT IS APPLICABLE TO VARIOUS OCCASIONS OF OPENING AND CLOSING CURTAIN MOTORS. IT HAS MANY FUNCTIONS, SUCH AS ELECTRONIC TRAVEL LIMIT, BUILT-IN RECEIVING FUNCTION + STOP IN CASE OF RESISTANCE, LIGHT TOUCH START FUNCTION, MANUAL PULL IN CASE OF POWER FAILURE, SAFE VOLTAGE, MUTE AND SO ON. THROUGH THE BLUETOOTH NETWORK, IT CAN START, CLOSE, STOP, PERCENTILE STROKE CONTROL AND OTHER FUNCTIONS OF THE MOTOR. IT SUPPORTS MANY FUNCTIONS SUCH AS HANDHELD REMOTE CONTROL, FACE PASTE REMOTE CONTROL, BLUETOOTH REMOTE CONTROL AND APP CONTROL. WITH THE SUPPORTING PRODUCTS OF INSONA, IT CAN BE PERFECTLY MATCHED WITH LIGHTS, SCENE PANELS AND SENSORS.

inSona

数据通信网桥

DATA GATEWAY — inSona Bluebee · **IP20**

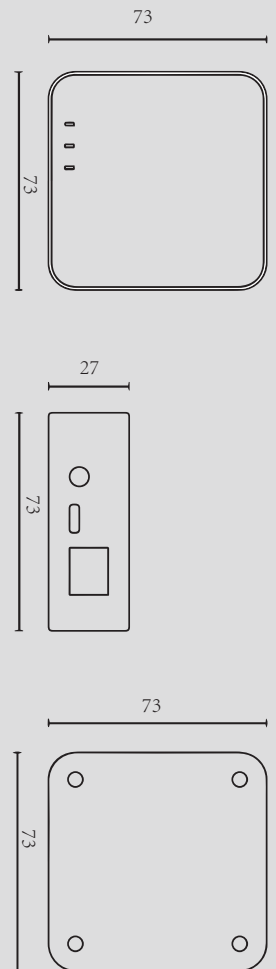|	
型号 MODEL	数据通信网桥 IN-BLE-HBS-02
网络类型 NETWORK TYPE	2.4Ghz Wifi or LAN 2.4Ghz Wifi or LAN
工作电压 WORKING VOLTAGE	5V(2A) 5V(2A)
工作温度范围 OPERATING TEMPERATURE RANGE	-20°C~-+45°C -20CENTIGRADE~+45CENTIGRADE
工作湿度 WORKING HUMIDITY	0~...80%，non-cond 0-80 PERCENT，non-cond
供电方式 POWER SUPPLY METHOD	DC5V Tpye-C or PoE DC5V Tpye-C or PoE
通信距离 COMMUNICATION DISTANCE	8~16米 8~16M
功能说明 FUNCTION DESCRIPTION	用于大型项目节点拓展或者蓝牙数据桥接作用使用 USED FOR NODE EXPANSION OF LARGE PROJECTS OR BLUETOOTH DATA BRIDGING

COLOR SELECTION

白色
WHITE

FUNCTION DESCRIPTION

本设备为蓝牙网络扩展设备之一，用于大型项目节点拓展或者蓝牙数据桥接作用使用。
THIS DEVICE IS ONE OF BLUETOOTH NETWORK EXPANSION DEVICES, WHICH IS USED FOR NODE EXPANSION OF LARGE-SCALE PROJECTS OR BLUETOOTH DATA BRIDGING.

73

73

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inSona

数据通信网关

| DATA GATEWAY | inSona Bluebee· | IP20 |

|	
型号 MODEL	网关 IN-BLE-Gateway
网络类型 NETWORK TYPE	以太网、WIFI ETHERNET、WIFI
工作电压 WORKING VOLTAGE	5V(2000ma) 5V(2000ma)
工作温度范围 OPERATING TEMPERATURE RANGE	-20℃~+45℃ -20CENTIGRADE~+45CENTIGRADE
工作湿度 WORKING HUMIDITY	0~80% 0-80 PERCENT
无线连接 WIRELESS CONNECTION	BLUBEE2.4~2.483GHz BLE2.4~2.483GHZ
通信距离 COMMUNICATION DISTANCE	8~16米 8~16M
功能说明 FUNCTION DESCRIPTION	对接第三方平台设备：SIRI、小爱、天猫、HOMEKIT高级动态灯光场景设置 DOCKING WITH THIRD-PARTY PLATFORM EQUIPMENT: SIRI, XIAOAI, TMALL, HOMEKIT ADVANCED DYNAMIC LIGHTING SCENE SETTINGS

COLOR SELECTION

白色
WHITE

FUNCTION DESCRIPTION

本设备应用于 inSona 蓝牙网络内，用于复杂场景与云端数据的协调数据处理，用于 蓝牙的高级动态场景、高级节律时间管理、远程访问、平台语音对接、各种智能家居的对接、苹果 智能家居的网络对接、空调管理、蓝牙子设备 OTA 升级、第三方背景音乐集成、日志记录等功能。设备作为蓝牙节点，通过蓝牙通讯与各蓝牙节点通信，设备需要单独供电与单独的网络输入，不支 持 Poe 输入。支持高级动态场景功能，设备内置亮度跑马、色温跑马、色温呼吸、色温渐变等13 种灯光组合，方便用户调用。
本设备具备 Apple MFI 认证，具备直接连接 Apple 家庭功能。

THE DEVICE IS APPLIED IN THE INSONA BLUETOOTH NETWORK TO COORDINATE DATA PROCESSING BETWEEN COMPLEX SCENES AND CLOUD DATA. USED FOR BLUETOOTH ADVANCED DYNAMIC SCENE, ADVANCED RHYTHM TIME MANAGEMENT, REMOTE ACCESS, PLATFORM VOICE DOCKING, VARIOUS SMART HOME DOCKING, APPLE SMART HOME NETWORK DOCKING, AIR CONDITIONING MANAGEMENT, BLUE DENTAL EQUIPMENT OTA UPGRADE, THIRD-PARTY BACKGROUND MUSIC INTEGRATION, LOG RECORDING AND OTHER FUNCTIONS. AS A BLUETOOTH NODE, THE DEVICE COMMUNICATES WITH EACH BLUETOOTH NODE THROUGH BLUETOOTH COMMUNICATION. THE DEVICE NEEDS SEPARATE POWER SUPPLY AND NETWORK INPUT, AND DOES NOT SUPPORT POE INPUT. SUPPORT ADVANCED DYNAMIC SCENE FUNCTION, THE DEVICE BUILT-IN BRIGHTNESS RACING HORSE, COLOR TEMPERATURE RACING HORSE, COLOR TEMPERATURE BREATHING, COLOR TEMPERATURE GRADIENT AND OTHER 13 LIGHT COMBINATIONS, CONVENIENT FOR USERS TO CALL.
THIS DEVICE HAS APPLE MFI CERTIFICATION AND HAS THE FUNCTION OF DIRECTLY CONNECTING TO APPLE HOME.

105

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网线接　电源入复位键
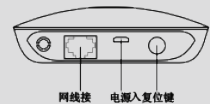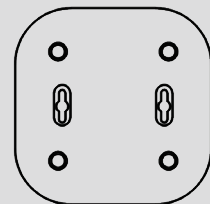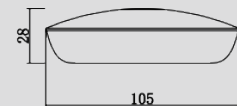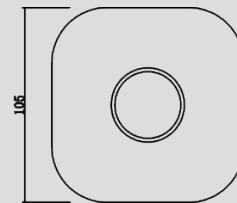
inSona

以光为本, 因你而生
BASED ON LIGHT,BORN BECAUSE OF YOU

抖音

公众号