



珠海市海联兄弟电子科技有限公司

UnionOcean Brothers Lighting Technology Co.,LTD

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I 电力线通讯调光换色系统

Power line communication dimming&color temperature&color regulation control system

I LED 路灯外置定时 4 段调光控制系统

LED street lamp extern dispose 4 steps dimming control system

I 计算机 USB-DMX512 控制系统

Computer USB-DMX512 control system

I 可调色温台灯

Color temperature can be regulation table lamp



我们创造光控奇迹，我们改变照明世界！

We made the miracle of the lighting control, We are changing the world of the lighting!

# 公司简介 **Company introduction**

我们是 LED 照明控制器、LED 智能照明灯具供应商及设计服务商，为家居照明，舞台照明，路灯照明提供各种节能智能控制系统，亦为客户设计各种特性控制方案。现今拥有电力线通信调光换色控制系统，舞台灯控台 USB-DMX512 控制系统，LED 路灯外置定时四段调光控制系统，遥控调光调色温系列台灯等各种智能照明产品，我们秉承“简洁就是智慧的精华”的理念，我们所设计的所有产品都极具创新特性，并且很容易使用。控制系统架构简单，性能稳定，成本控制方面更是拥有巨大的优势。在激烈的市场竞争中，在能源越来越短缺的未来。我们海联四兄弟一直满怀激情，带领公司其它成员不断创新，不断开拓进取。改变照明世界！

We are the factory of the LED lighting controller and the LED intelligent lighting,our product use for resident ,stage and street illumination. we are still afford the cases for custommer request,for now, we had the power line communication control system to regulation bright, color temperature and colorl.;Stage lighting control system USB-DMX512; LED street lighting extern dispose 4 steps dimming energy saving system; remote to dimming and regulation color temperature table lamp etc.

“brevity is the soul of wit” this is our direct,there are various innovates in our products,simply struction and stabilize function,good to self-cost control.to the future,the energy will be go to decrease and decrease,we union ocean 4 brothers will take the passion,lead all the company members keeping innovate,continue reseach,to change the illumination world!

# 电力线通讯调光换色控制器

## Power Line Communication dimming&color temperature regulation&color regulation controller



名称(model): UOB-SEND

输入电压(Input voltage): 110V/60HZ 220V/50HZ

输出电压(Output voltage): 110V/60HZ 220V/50HZ

控制器自身功耗(self power consumption): 0.5W

特性(Feature):

1, 具有调光, 换色, 换色温等多种功能选择。

Including dimming, colors regulation, color temperature regulation function

2, 直接通过电力线传输控制数据。无需布置信号线。

Use the power line to communion, no need signal wires, very easy to use.

3, 通过面板上旋钮顺时针旋转进行调光, 调速。按下则是切换模式或是开关机。亦有无遥控器或红外遥控器和此对应。

Turn the panel button to dimming, regulate speed, short push the button to change mode, long push the button to ON/OFF

4, 输出电压无斩波。不会带来严重的 EMC 干扰。

The output voltage no cut wave, prevent heavy EMC disturb

基本参数表(Parameter):

序号 NO.	产品型号 Model	功能 function	遥控器类型 Remote type	输入电压 Input voltage	输出电压 Output voltage	输出电流 Output current
1	UOB-WHITE-SEND-ANT	单纯调光 dimming only	无线 RF	AC220/50HZ AC110/60HZ	AC220/50HZ AC110/60HZ	<700MA
2	UOB-COLORTEMP-SEND-ANT	调光调色温 color Temperature regulation	无线 RF	AC220/50HZ AC110/60HZ	AC220/50HZ AC110/60HZ	<700MA
3	UOB-COLORS-SEND-ANT	调光换色 Color regulation	无线 RF	AC220/50HZ AC110/60HZ	AC220/50HZ AC110/60HZ	<700MA
4	UOB-WHITE-SEND-IR	单纯调光 dimming only	红外 IR	AC220/50HZ AC110/60HZ	AC220/50HZ AC110/60HZ	<700MA
5	UOB-COLORTEMP-SEND-IR	调光调色温 color Temperature regulation	红外 IR	AC220/50HZ AC110/60HZ	AC220/50HZ AC110/60HZ	<700MA

# 电力线通讯调光天花板灯系列

## Power line communication dimming ceiling lamp series



**Model:** 18W 调光天花板灯(18W Dimming Ceiling Lamp)  
**输入电压(Input voltage):** 110V/60HZ 220V/50HZ  
**总功率(Total Power consumption):** 21W  
**SIZE:** D: 158×H: 123MM 开孔(Fix Hole)140-150MM  
**透镜角度 (Lens degree):** 45 度  
**灯珠芯片(LED CHIP):** 晶元 90-100LM  
**调光方式:** 配合 UOB-SEND 主控制器, 无需布信号线。  
**Dimming method:**To operate whth the UOB-SEND Main controller,no need signal wires  
**特点:** 亮度从 1-100%全范围可调。亮度保持一致无闪烁。  
**FEATURE:**The bright value from 1% to 100% can be regulation, all the brights keeping the same



**Model:** 12W 调光天花板灯(12W Dimming Ceiling Lamp)  
**输入电压(Input voltage):** 110V/60HZ 220V/50HZ  
**总功率(Total Power consumption):** 14W  
**SIZE:** D: 135×H: 70MM 开孔(Fix Hole):115-125MM  
**透镜角度 (Lens degree):** 45 度  
**灯珠芯片(LED CHIP):** 晶元 90-100LM  
**调光方式:** 配合 UOB-SEND 主控制器, 无需布信号线。  
**Dimming method:**To operate whth the UOB-SEND Main controller,no need signal wires  
**特点:** 亮度从 1-100%全范围可调。亮度保持一致无闪烁。  
**FEATURE:** The bright value from 1% to 100% can be regulation,all the brights keeping the same



**Model:** 7W 调光天花板灯(7W Dimming Ceiling Lamp)  
**输入电压(Input voltage):** 110V/60HZ 220V/50HZ  
**总功率(Total Power consumption):** 9W  
**SIZE:** D: 107×H: 70MM 开孔(Fix Hole):90-100MM  
**透镜角度 (Lens degree):** 45 度  
**灯珠芯片(LED CHIP):** 晶元 90-100LM  
**调光方式:** 配合 UOB-SEND 主控制器, 无需布信号线。  
**Dimming method:**To operate whth the UOB-SEND Main controller,no need signal wires  
**特点:** 亮度从 1-100%全范围可调。亮度保持一致无闪烁。  
**FEATURE:** The bright value from 1% to 100% can be regulation,all the brights keeping the same



## 电力线通讯调色温天花板灯系列

### Power line communication Color temperature regulation Ceiling Lamp series



**Model:** 18W 调色温天花板灯(Color temperature regulation 18W Ceiling Lamp)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 21W

**SIZE:** D: 158×H: 123MM 开孔(Fix Hole)140-150MM

**透镜角度 (Lens degree):** 45 度

**灯珠芯片(LED CHIP):** 晶元 90-100LM

**调色温方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Color temperature regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 色温从 2800-6000K 全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。

**FEATURE:**Color Temperature regulation rang from 2800K to 6000K, all the bright&color Temperature keeping the same



**Model:** 12W 调色温天花板灯(Color temperature regulation 12W Ceiling Lamp)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 14W

**SIZE:** D: 135×H: 70MM 开孔(Fix Hole):115-125MM

**透镜角度 (Lens degree):** 45 度

**灯珠芯片(LED CHIP):** 晶元 90-100LM

**调色温方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Color temperature regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 色温从 2800-6000K 全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。

**FEATURE:**Color Temperature regulation rang from 2800K to 6000K, all the bright&color Temperature keeping the same



**Model:** 7W 调色温天花板灯(Color temperature regulation 7W Ceiling Lamp)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 9W

**SIZE:** D: 107×H: 70MM 开孔(Fix Hole):90-100MM

**透镜角度 (Lens degree):** 45 度

**灯珠芯片(LED CHIP):** 晶元 90-100LM

**调色温方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Color temperature regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 色温从 2800-6000K 全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。

**FEATURE:**Color Temperature regulation rang from 2800K to 6000K, all the bright&color Temperature keeping the same

## 彩色天花灯系列

### Color ceiling lamp series



**Model:** 18W 彩色天花灯(Color regulation 18W Ceiling Lamp)

输入电压(Input voltage): 110V/60HZ 220V/50HZ

总功率(Total Power consumption): 21W

**SIZE:** D: 158×H: 123MM 开孔(Fix Hole)140-150MM

透镜角度 (Lens degree): 45 度

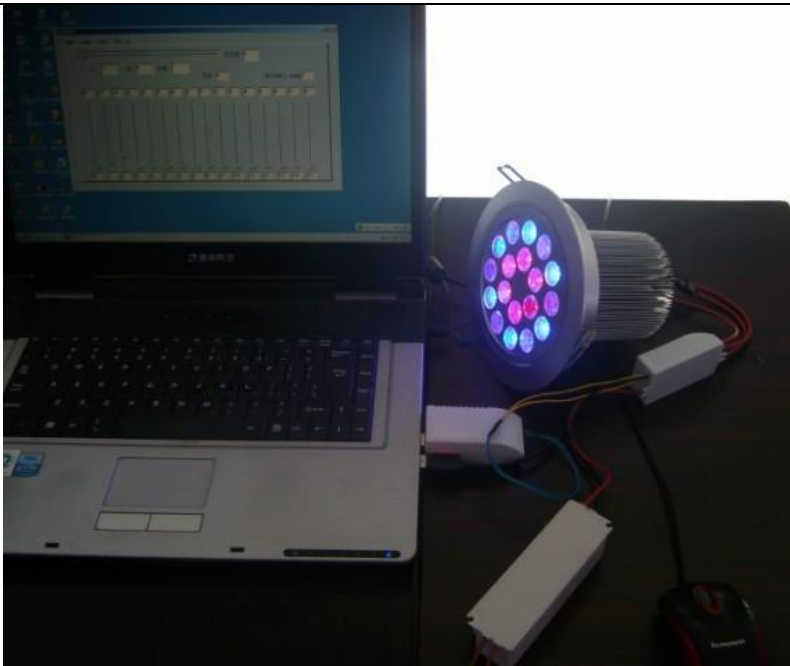
灯珠芯片(LED CHIP): 光宏

调色方式: 配合 UOB-SEND 主控制器, 无需布信号线。

**Colors regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

特点: 具有静态色, 频闪, 跳变, 渐变四种模式, 静态色模式下共计 12.5 万种颜色可自由调节, 其它变化模式下 30 级变化速度可调节。

**FEATURE:** There are static color,flash,fast change,fade change total 4 modes can be choice.in static color,12.5million colors can be regulation,in change mode,30 levels speed value can be regulation.



**Model:** DMX512 彩色 18W 天花灯(DMX512 Colors 18W Ceiling Lamp)

输入电压(Input voltage): 110V/60HZ 220V/50HZ

总功率(Total Power consumption): 21W

**SIZE:** D: 158×H: 123MM 开孔(Fix Hole)140-150MM

透镜角度 (Lens degree): 45 度

灯珠芯片(LED CHIP): 光宏

控制方式: 接受标准 DMX512 控制信号, 配合我们的 USB-DMX512 可对灯具进行编号, 控制。

**Control method:**receive the standard DMX512 signal,can be write into a address or control to use our USB-DMX512

# 电力线通讯球泡灯系列

## Power line communication dimming bulb series



**Model:** 调光球泡灯(LED Dimming bulb)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 7.5W

**SIZE:** D: 60×H: 115MM

**灯珠芯片(LED CHIP):** 晶元 90-100LM

**调光方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Dimming method:**To operate whth our UOB-SEND Main controller,no need signal wires

**特点:** 亮度从 1-100%全范围可调。亮度保持一致无闪烁。

**FEATURE:**The bright value from 1% to 100% can be regulation, all the brights keeping the same



**Model:** 调色温球泡灯 (Color temperature regulation bulb)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 7.5W

**SIZE:** D: 60×H: 115MM

**透镜角度 (Lens degree):** 45 度

**灯珠芯片(LED CHIP):** 晶元 90-100LM

**调色温方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Color temperature regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 色温从 2800-6000K 全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。

**FEATURE:**Color Temperature regulation rang from 2800K to 6000K, all the bright&color Temperature keeping the same



**Model:** 彩色球泡灯(color bulb)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 7.5W

**SIZE:** D: 60×H: 115MM

**灯珠:** 3 颗三合一 3W 灯珠 (3pcs 3in1 3W LED)

**调色方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

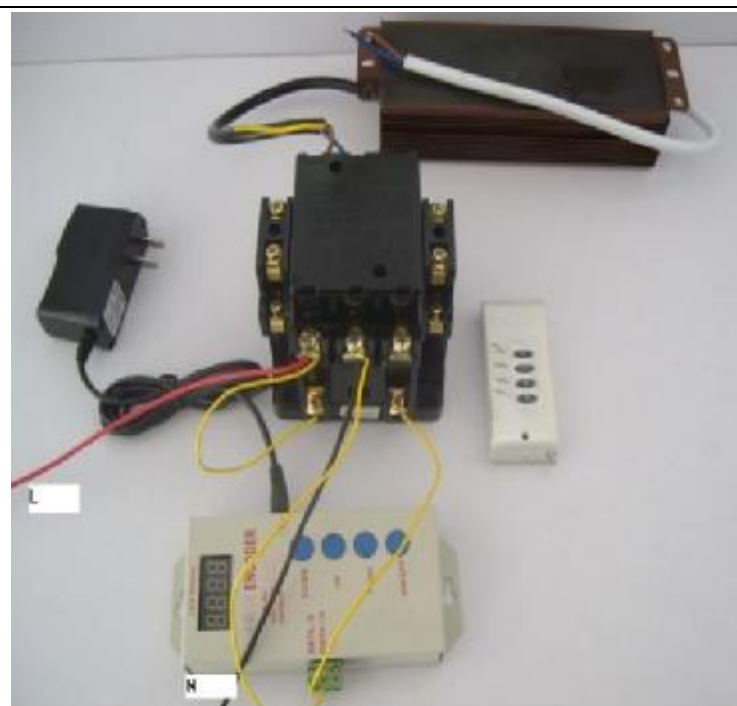
**Colors regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 具有静态色, 频闪, 跳变, 渐变四种模式, 静态色模式下共计 12.5 万种颜色可自由调节, 其它变化模式下 30 级变化速度可调节。

**FEATURE :** There are static color,flash,fast change,fade change total 4 modes can be choice.in static color,12.5million colors can be regulation,in change mode,30 levels speed value can be regulation.

# LED 路灯外置四段定时调光控制系统

## LED street lighting extern dispose 4 steps dimming system



**Model:**LED 路灯外置四段定时调光控制系统 (LED street lighting extern dispose 4 steps dimming system)

特性:

1, 主控制器通过驱动交流接触器模拟开关切换调光。无需通讯, 简单方便, 稳定可靠。

The main controller take the relay simulate the switch on/off to dimming,very easy to use.

2, 通过交流接触器, 可驱动功率从 1 安培到几百安培的负载, 满足所有工程应用要求。

To the relay,the load current can be from 1A to several hundreds of Ampere

3, 接收控制器和电源集成, 无需二次恒流, 无二次损耗, 整灯满负载效率高达 90%

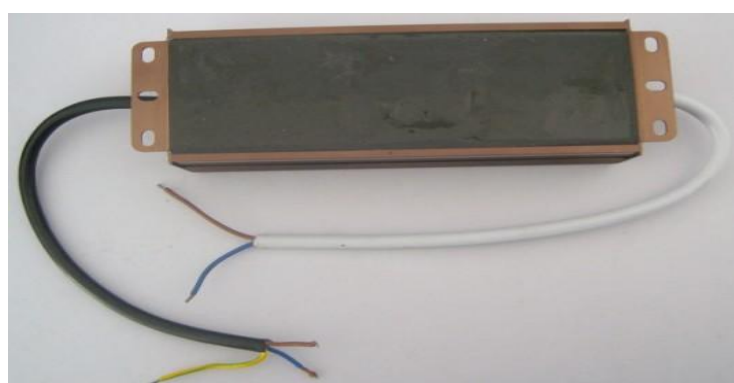
The receive controller combine with the power supply,no twice consumption,the effect can be to 90%

4, 主控制器可直接置于供电配电柜中, 整个工程的灯光亮度等级和定时时间可直接在主控制器上进行定, 自由灵活。

Main controller can be dispose in the city power supply box,the whole lighting project bright level can be setting in the main controller

5, 低成本高性能和高自由的 LED 路灯节能解决方案。

Low price and high perform LED street light energy saving solution



**Model:**LED 路灯 100W 调光电源 (LED Street light 100W Dimming Power supply)

基本参数:

1, 输入电压 (Input voltage): 90-240V

2, 输出电压(Output voltage): 36V

3, 输出电流(Output current): 3A

4, 满载效率(full load effect): 90%

5, 满载功率因数(PF): 0.98

特性(Feature):

1, 电源内部集成电源掉电检测控制器。

There is a power lost check control unite in the power supply

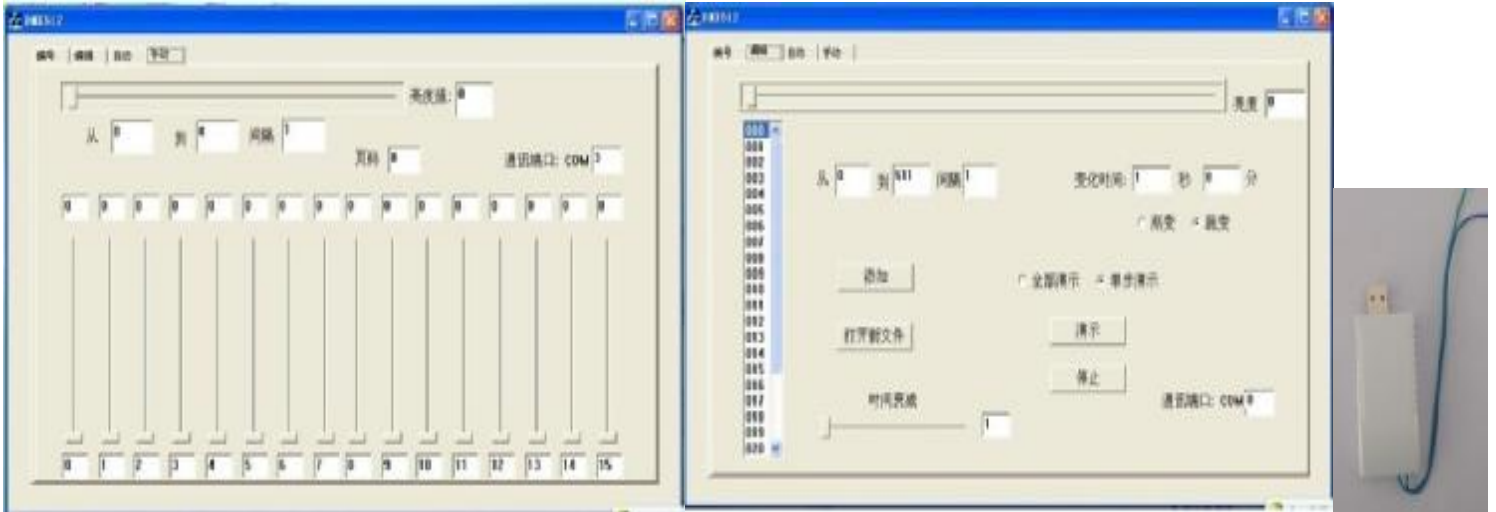
2, 控制器直接控制开关电源的恒流基准, 无需二次恒流, 无效率损耗。性能更稳定。

The internal controller operater the voltage reference ,no twice consumption,the effect can be to 90%



# USB-DMX512 控制系统

## USB-DMX512 control system



### 特性(FEATURE):

1, 具有编号, 编辑, 测试, 手动四大主功能

Including address write ,program edit,program test,manual operate function

2, 编号可以对本公司的 DMX512 解码模块进行编号。

Address write function can be write a address to our dmx512 lamp

3, 编辑支持用户根据各种变化需求编辑走灯文件并演示。

Program edit function can be edit lighting program and show

4, 测试选项提供跑马灯, 彩虹流动效果等走灯演示。

Program test function can be show the horse run program and the rainbow program

5, 手动功能支持实时在线控制灯光, 特别适用于舞台。酒吧等领域的实时表演

Manual can be operating the lighting in time

6, 512 足通道输出。约 20HZ 数据更新速度。

Full of 512 channel output.about 20HZ datas refresh

7, 强大的群控操作能力。通过编辑数字, 可以迅速地某一通道或某些通道进行统一控制。

Strongly control function,to edit number,can be fast to change one or some channel

8, 编号和编辑所产生的文件为后缀为.txt 的文本文件, 可直接用记事本或其它文本编辑软件打开直接编辑文件。

Address write function and program edit function produced a txt file,you can be open it and edit.

## 一对一遥控球泡系列

### One for One Remote bulb series



**Model:** 遥控调光球泡灯 (Remote LED Dimming bulb)

输入电压(Input voltage): 110V/60HZ 220V/50HZ

总功率(Total Power consumption): 7.5W

**SIZE:** D: 60×H: 115MM

灯珠芯片(LED CHIP): 晶元 90-100LM

调光方式 (Dimming method): 遥控器直接对着灯遥控  
(A remote for a bulb to control)

特点: 亮度从 1-100%全范围可调。亮度保持一致无闪烁。

**FEATURE:**The bright value from 1% to 100% can be regulation, all the brights keeping the same



**Model:** 遥控调色温球泡灯 (Remote Color temperature regulation bulb)

输入电压(Input voltage): 110V/60HZ 220V/50HZ

总功率(Total Power consumption): 7.5W

**SIZE:** D: 60×H: 115MM

灯珠芯片(LED CHIP): 晶元 90-100LM

调色温方式(color temperature regulation method): 遥控器直接对着灯遥控(A remote for a bulb to control)

特点: 色温从 2800-6000K 全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。

**FEATURE:**Color Temperature regulation rang from 2800K to 6000K, all the bright&color Temperature keeping the same

注意 (note): 用遥控器的“4”键切换暖白或正白

Use remoter key “4” to switch the warm or cool white



**Model:** 遥控彩色球泡灯(remote color bulb)

输入电压(Input voltage): 110V/60HZ 220V/50HZ

总功率(Total Power consumption): 7.5W

**SIZE:** D: 60×H: 115MM

灯珠: 3颗三合一 3W 灯珠 (3pcs 3in1 3W LED)

调色方式(color regulation method): 遥控器直接对着灯遥控  
(A remote for a bulb to control)

特点: 具有静态色, 频闪, 跳变, 渐变四种模式, 静态色模式下共计 100 万种颜色可自由调节, 其它变化模式下 30 级变化速度可调节。

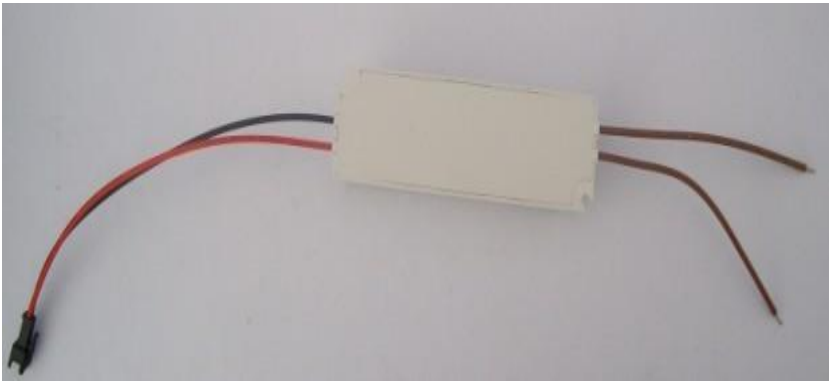
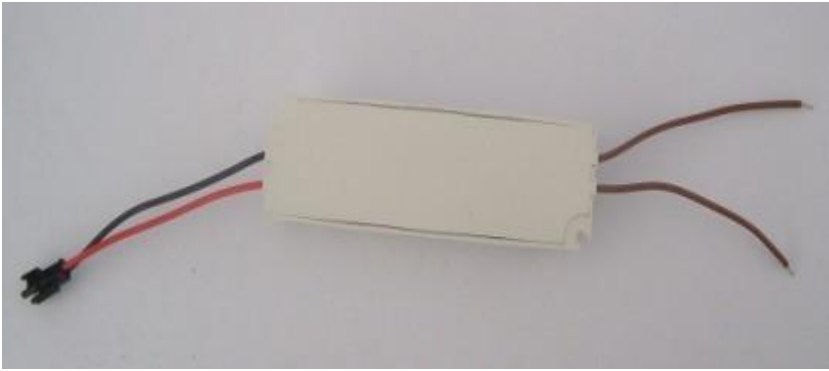
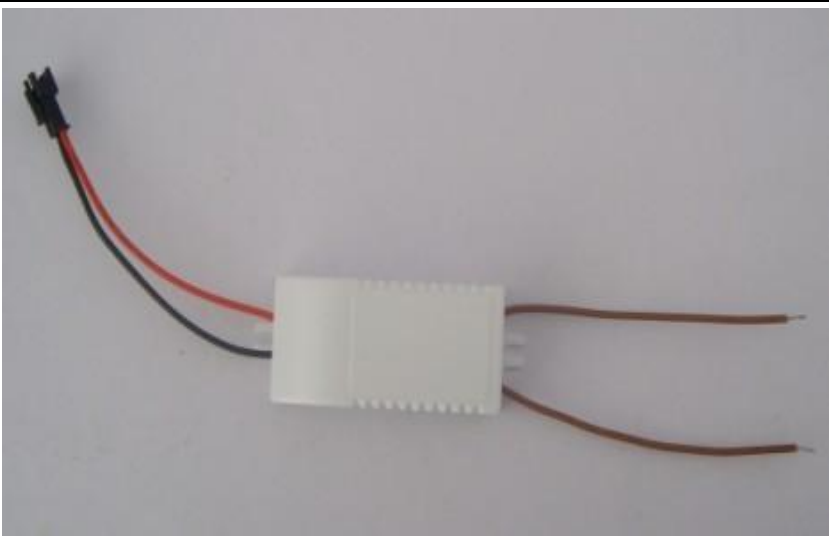
**FEATURE:** There are static color,flash,fast change,fade change total 4 modes can be choice.in static color,100 million colors can be regulation,in change mode,30 levels speed value can be regulation.

注意 (note): 用遥控器的“4”键切换颜色或模式

Use remote key “4” to switch the color or mode

## 电力线通讯调光电源系列

### Power ling communication dimming power supply series

	<p><b>Model:</b> 18W 调光电源 (18W Dimming power supply) 输入电压(<b>Input voltage</b>): 110V/60HZ 220V/50HZ 输出电压/电流 (<b>Output voltage/current</b>): 36V/0.6A <b>SIZE:</b> (L)120*(W)35*(H)26mm 调光方式: 配合 UOB-SEND 主控制器, 无需布信号线。 <b>Dimming method:</b>To operate whth the UOB-SEND Main controller,no need signal wires 特点: 亮度从 1-100%全范围可调。亮度保持一致无闪烁。 <b>FEATURE:</b>The bright value from 1% to 100% can be regulation, all the brights keeping the same</p>
	<p><b>Model:</b> 12W 调光电源 (12W Dimming power supply) 输入电压(<b>Input voltage</b>): 110V/60HZ 220V/50HZ 输出电压/电流 (<b>Output voltage/current</b>): 40V/0.3A <b>SIZE:</b> (L)120*(W)35*(H)26mm 调光方式: 配合 UOB-SEND 主控制器, 无需布信号线。 <b>Dimming method:</b>To operate whth the UOB-SEND Main controller,no need signal wires 特点: 亮度从 1-100%全范围可调。亮度保持一致无闪烁。 <b>FEATURE:</b>The bright value from 1% to 100% can be regulation, all the brights keeping the same</p>
	<p><b>Model:</b> 7W 调光电源 (7W Dimming power supply) 输入电压(<b>Input voltage</b>): 110V/60HZ 220V/50HZ 输出电压/电流 (<b>Output voltage/current</b>): 26V/0.3A <b>SIZE:</b> (L)72*(W)36*(H)23mm 调光方式: 配合 UOB-SEND 主控制器, 无需布信号线。 <b>Dimming method:</b>To operate whth the UOB-SEND Main controller,no need signal wires 特点: 亮度从 1-100%全范围可调。亮度保持一致无闪烁。 <b>FEATURE:</b>The bright value from 1% to 100% can be regulation, all the brights keeping the same</p>

## 电力线通讯调色温电源系列

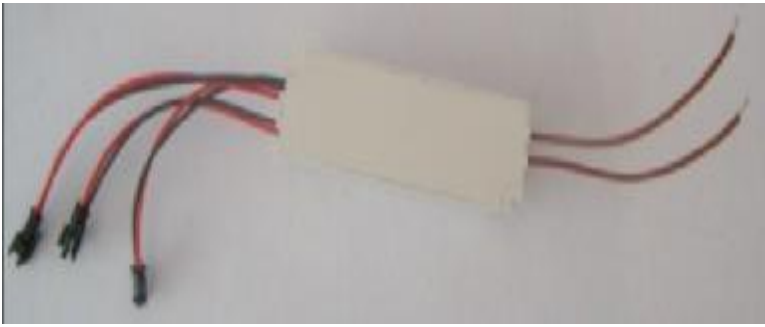
### Power line communication Color temperature regulation power supply series

	<p><b>Model:</b> 18W 调色温电源 (Color temperature regulation 18W Power supply)</p> <p>输入电压(Input voltage): 110V/60HZ 220V/50HZ</p> <p>输出电压/电流 (Output voltage/current): 36V/0.3A*2 channel</p> <p><b>SIZE:</b> (L)120*(W)35*(H)26mm</p> <p>调色温方式: 配合 UOB-SEND 主控制器, 无需布信号线。</p> <p><b>Color temperature regulation method:</b>To operate with the UOB-SEND Main controller,no need signal wires</p> <p>特点: 色温全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。</p> <p><b>FEATURE:</b>Color Temperature regulation, all the bright&amp;color Temperature keeping the same</p>
	<p><b>Model:</b> 12W 调色温电源 (Color temperature regulation 12W Power supply)</p> <p>输入电压(Input voltage): 110V/60HZ 220V/50HZ</p> <p>输出电压/电流 (Output voltage/current): 30V/0.3A*2 channel</p> <p><b>SIZE:</b> (L)120*(W)35*(H)26mm</p> <p>调色温方式: 配合 UOB-SEND 主控制器, 无需布信号线。</p> <p><b>Color temperature regulation method:</b>To operate with the UOB-SEND Main controller,no need signal wires</p> <p>特点: 色温全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。</p> <p><b>FEATURE:</b>Color Temperature regulation, all the bright&amp;color Temperature keeping the same</p>
	<p><b>Model:</b> 7W 调色温电源 (Color temperature regulation 7W Power supply)</p> <p>输入电压(Input voltage): 110V/60HZ 220V/50HZ</p> <p>输出电压/电流 (Output voltage/current): 15V/0.3A*2 channel</p> <p><b>SIZE:</b> (L)72*(W)36*(H)23mm</p> <p>调色温方式: 配合 UOB-SEND 主控制器, 无需布信号线。</p> <p><b>Color temperature regulation method:</b>To operate with the UOB-SEND Main controller,no need signal wires</p> <p>特点: 色温全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。</p> <p><b>FEATURE:</b>Color Temperature regulation,all the bright&amp;color Temperature keeping the same</p>



## 彩色电源系列

### Color power supply series



**Model:** 18W 彩色电源 (Color regulation 18W power supply)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**输出电压/电流 (Output voltage/current):** 20V/0.3A\*3 channel

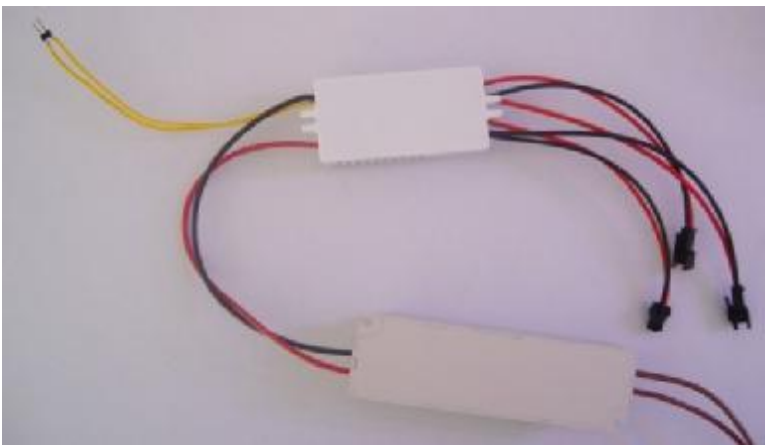
**SIZE:** (L)120\*(W)35\*(H)26mm

**调色方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Colors regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 具有静态色, 频闪, 跳变, 渐变四种模式, 静态色模式下共计 12.5 万种颜色可自由调节, 其它变化模式下 30 级变化速度可调节。

**FEATURE:** There are static color,flash,fast change,fade change total 4 modes can be choice.in static color,12.5million colors can be regulation,in change mode,30 levels speed value can be regulation.



**Model:** DMX512 彩色 18W 电源 (DMX512 Colors 18W power supply)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**输出电压/电流 (Output voltage/current):** 20V/0.3A\*3 channel

**SIZE:** (L)120\*(W)35\*(H)26mm, (L)72\*(W)36\*(H)23mm

**控制方式:** 接受标准 DMX512 控制信号, 配合我们的 USB-DMX512 可对灯具进行编号, 控制。

**Control method:**receive the standard DMX512 signal,can be write into a address or control to use our USB-DMX512

### 电力线通讯调光轨道灯 (Power line communication dimming track lamp)



**Model:** 3W 调光轨道灯(7W Dimming track Lamp)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 9W

**SIZE:** D: 56×H: 100MM

**透镜角度 (Lens degree):** 45 度

**灯珠芯片(LED CHIP):** 晶元 90-100LM

**调光方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Dimming method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 亮度从 1-100%全范围可调。亮度保持一致无闪烁。

**FEATURE:** The bright value from 1% to 100% can be regulation,all the brights keeping the same

## 电力线通讯调色温轨道灯系列

### Power line communication Color temperature regulation Track Lamp series



**Model:** 18W 调色温轨道灯(Color temperature regulation 18W Track Lamp)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 21W

**SIZE:** D: 118×H: 123MM

**透镜角度 (Lens degree):** 45 度

**灯珠芯片(LED CHIP):** 晶元 90-100LM

**调色温方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Color temperature regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 色温从 2800-6000K 全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。

**FEATURE:**Color Temperature regulation rang from 2800K to 6000K, all the bright&color Temperature keeping the same



**Model:** 12W 调色温轨道灯(Color temperature regulation 12W Track Lamp)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 14W

**SIZE:** D: 115×H: 122MM

**透镜角度 (Lens degree):** 45 度

**灯珠芯片(LED CHIP):** 晶元 90-100LM

**调色温方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Color temperature regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 色温从 2800-6000K 全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。

**FEATURE:**Color Temperature regulation rang from 2800K to 6000K, all the bright&color Temperature keeping the same



**Model:** 7W 调色温轨道灯(Color temperature regulation 7W Track Lamp)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 9W

**SIZE:** D: 70×H: 102MM

**透镜角度 (Lens degree):** 45 度

**灯珠芯片(LED CHIP):** 晶元 90-100LM

**调色温方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Color temperature regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 色温从 2800-6000K 全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。

**FEATURE:**Color Temperature regulation rang from 2800K to 6000K, all the bright&color Temperature keeping the same

## 面板灯系列

### Panel lamp series



**Model:** 18W 调光平板灯(18W Dimming panel Lamp)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 21W

**SIZE:** L: 300×W: 300MM

**灯珠芯片(LED CHIP):** 晶元,贴片 (SOP) 3014

**调光方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Dimming method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 亮度从 1-100%全范围可调。亮度保持一致无闪烁。

**FEATURE:**The bright value from 1% to 100% can be regulation, all the brights keeping the same



**Model:** 30W 调色温平板灯(Color temperature regulation 30W Panel Lamp)

**输入电压(Input voltage):** 110V/60HZ 220V/50HZ

**总功率(Total Power consumption):** 35W

**SIZE: SIZE:** L: 300×W: 300MM

**灯珠芯片(LED CHIP):** 晶元,贴片 (SOP) 3014

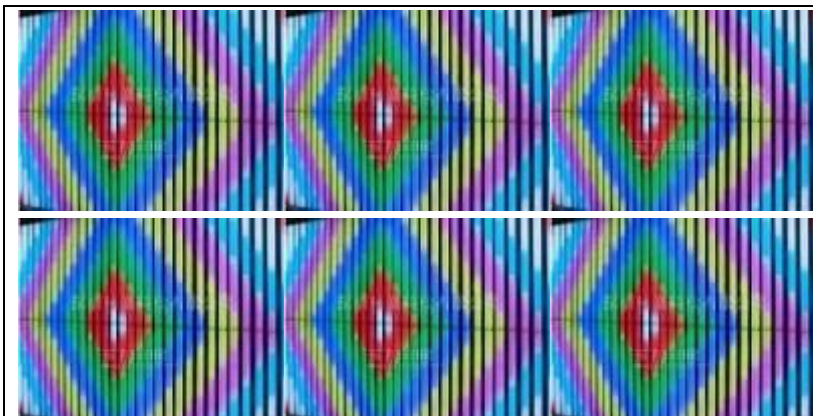
**调色温方式:** 配合 UOB-SEND 主控制器, 无需布信号线。

**Color temperature regulation method:**To operate whth the UOB-SEND Main controller,no need signal wires

**特点:** 色温从 2800-6000K 全范围可调, 亮度从 1-100%全范围可调节。亮度保持一致无闪烁。

**FEATURE:**Color Temperature regulation rang from 2800K to 6000K, all the bright&color Temperature keeping the same

## 像素屏



**Model:** 16 段数码管

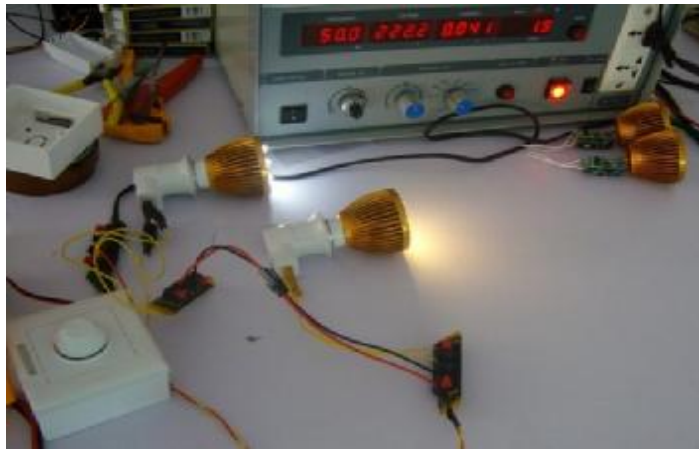
**输入电压:** DC24V

**最大功率:** 10W

**控制方式:** 需外接显示屏控制系统, 脱机和联机均可以。

**特点:** 单线数据传输, 高达 800kb 的传输速率, LED 工作在静态点亮模式, 色彩真实还原。刷新速度快, 性能稳定。特别适用于做显示屏及流星拖尾效果。





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