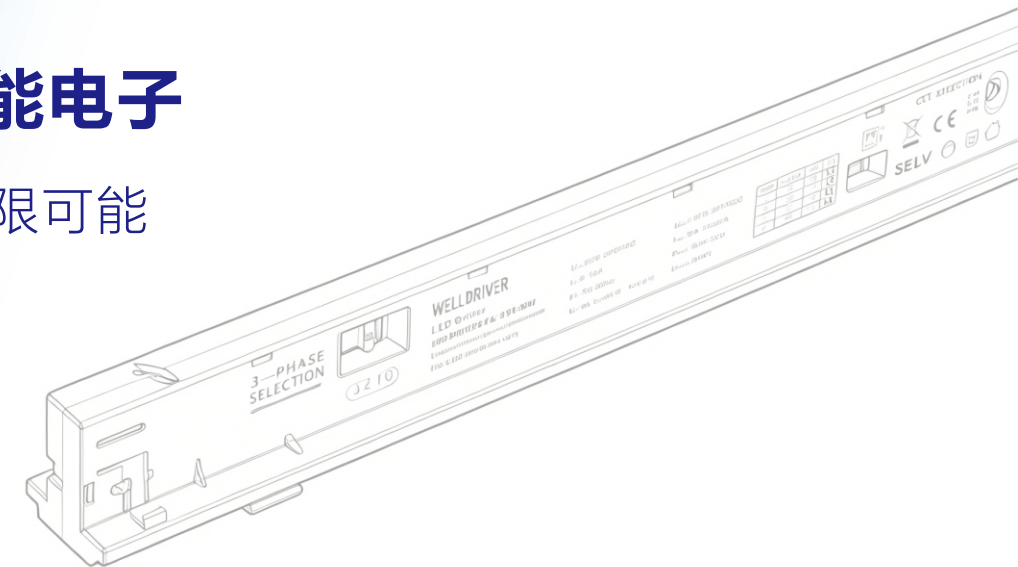


WELLD RIVER
慧能科技

WELLD RIVER ELECTRONICS

中山市蔚能电子

智慧生活,无限可能



中山市蔚能电子厂
ZHONGSHAN WELLD RIVER Electronics Factory

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生产地址: 广东省江门市江海区创业路40号

Shop Address: A717, Global Market, Guzhen Town, Zhongshan City, Guangdong Province

Production Address: No. 40, Chuangye Road, Jianghai District, Jiangmen City, Guangdong Province



微信二维码

10000+

每年超过10000次服务经验

15+

15年专注生产

3000+

超过3000家客户选择我们

WELLD RIVER
慧能科技

公司简介 COMPANY PROFILE

WELLDRIVER
慧能科技

中山市蔚能电子厂于2010年成立。是一家集电源研发、专业化生产、多元化销售及服务为一体的综合型企业。产品覆盖：LED筒射灯电源，LED家居吸顶灯电源，LED磁吸轨道灯电源，LED调光驱动电源，DALI数字智能控制调光电源，橱柜灯电源、开关电源及灯条灯带等电源产品。

公司积极向智能化、数字化智能照明驱动方向大踏步迈进，顺应“物联网”的发展趋势。我们的产品广泛用于筒灯，射灯，导轨灯，家居灯，磁吸灯，铝材灯，面板灯等等。所应用的工程覆盖学校、酒店、会所、餐厅、医院、植物温棚、养殖场等区域。

公司拥有专业的技术开发工程师，也可按客户要求订制电源解决方案。同时公司还拥有专业的管理团队和一支专业优秀的销售团队，以确保为广大客户提供优质的产品、专业、高效的服务！产品品质控制方面，所有电子元器件均采用行业知名品牌，确保产品稳定，高效，低损耗，长寿命，节能环保。产品自投放市场以来，以LED电源恒流性能稳定、品质有保障、服务完善，而得到了新老客户的良好口碑，以及国内外客户的信赖和赞誉，产品远销世界各地！

Zhongshan Weineng Electronics Factory was established in 2010. It is a comprehensive manufacturing enterprise integrating power supply research and development, specialized production, diversified sales and services. Product coverage: LED downbeam light power supply, LED home ceiling light power supply, LED magnetic track light power supply, LED dimming light power supply, DALI digital intelligent control dimming power supply, cabinet light power supply, switching power supply and light strip and light strip power supply products.

The company is making great strides towards intelligent, digitalized and smart lighting drivers, in line with the development trend of the "Internet of Things". Our products are widely used in downlights, spotlights, track lights, home lights, magnetic lights, aluminum lights, panel lights, etc. The applied projects cover areas such as schools, hotels, clubs, restaurants, hospitals, plant greenhouses, and breeding farms.

The company has professional technical development engineers and can also customize power supply solutions according to customer requirements. Meanwhile, the company also has a professional management team and a professional and outstanding sales team to ensure the provision of high-quality products, professional and efficient services to the vast number of customers! In terms of product quality control, all electronic components are from well-known brands in the industry to ensure product stability, high efficiency, low loss, long service life, energy conservation and environmental protection. Since its launch on the market, the product has gained a good reputation among both new and old customers for its stable constant current performance of LED power supplies, guaranteed quality and perfect service, as well as the trust and praise of domestic and foreign customers. The product is sold far and wide all over the world!

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P-05



智能款/
Intelligent
P-06

线型轨道灯驱动

Linear Track
Light Driver



二线/三线线型轨道灯驱动
Two/Three Wire Linear
Track Light Driver
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四线线型轨道灯驱动
4-Wire Linear
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磁吸灯驱动

Magnetic
track lamp
driver



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20款磁吸一体电源

20 Series
Centralized
Control Power
Supply



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生产设备 PRODUCTION EQUIPMENT

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SMT贴片机
SMT placement machine



无铅波峰焊
Lead-free wave soldering



激光打码机
Laser marking machine



离线式全自动光学检测仪
Offline fully automatic optical detector



无铅回流焊
Lead-free reflow soldering



LED驱动器老化车
LED driver aging vehicle



LED控制器老化车
LED controller aging vehicle



EMI测试接收机
EMI test receiver



LED电源自动测试系统
LED power supply
automatic
testing system



高低温试验箱
High and low temperature
test chamber



研发检测仪表
Research and develop detection instruments

筒灯智能调光驱动

SMART DIMMING DRIVER FOR DOWNLIGHTS

WELLDRIVER
慧能科技



多种输出电流，更多的匹配可能
小巧，易于安装
解决了灯光闪烁问题
1%以下的深度调光也能平滑过渡无抖动
认证: CB, CE, KS, TISI, EMC

Multiple output currents, more matching possibilities
Compact and easy to install
The problem of flickering lights has been solved
Even a depth dimming of less than 1% can achieve a smooth transition without jitter
Certification: CB, CE, KS, TISI, EMC

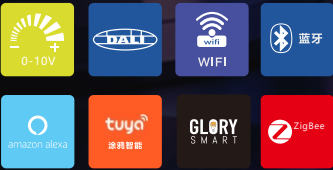


多系统平台完美兼容

PERFECT COMPATIBILITY ACROSS MULTIPLE SYSTEM PLATFORMS

不同的系统，同样的效果
稳定无抖动，不止调的深

PERFECT COMPATIBILITY WITH MULTIPLE SYSTEM PLATFORMS
Different systems, the same effect
Stable without jitter, no need to adjust too deep



筒射灯驱动系列 DOWNLIGHT DRIVER SERIES

筒射灯驱动器-常规款/认证款 Downlight Driver-Standard/Certification Series

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常规款-产品介绍/STANDARD SERIES-PRODUCT INTRODUCTION



性能稳定，质量可靠；多种输出电流，更多的匹配可能；迷你设计，外形小巧，易于安装；解决了灯光闪烁问题；多种外壳尺寸可供选择。

Stable performance and reliable quality; Multiple output currents, more matching possibilities; Mini design, compact in size and easy to install; The problem of flickering lights has been solved; A variety of shell sizes are available for selection.



WCL



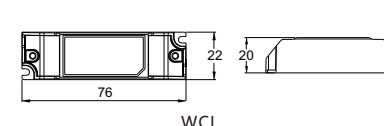
WCH



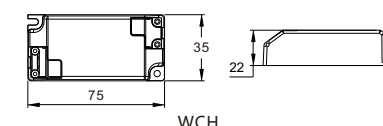
WCL-S3

尺寸/DIMENSION

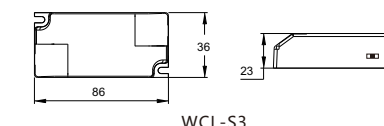
单位/UNIT: mm



WCL



WCH



WCL-S3

参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current
WCL	4-15W	200-240VAC	0.5	3-40VDC	80-900mA
WCH	4-60W	200-240VAC	0.9	3-40VDC	80-1500mA
WCL-S3	5-40W	200-240VAC	0.5	20-26VDC	100-1000mA

认证款-产品介绍/CERTIFICATION SERIES-PRODUCT INTRODUCTION



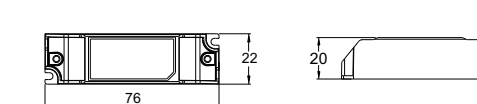
高PF值 $PF > 0.9$ 。低谐波 $THD < 8\%$ ，无频闪。浪涌保护 $< 2KV$ ，符合安规要求。传导、辐射，符合CE及国家3C标准。长寿命，质保3年。

High PF: $PF > 0.9$. Low harmonic $THD < 8\%$, no stroboscopic effect. Surge protection $< 2KV$, which complies with safety regulations. Conduction and radiation comply with CE and national 3C standards. Long service life, 3-year warranty.



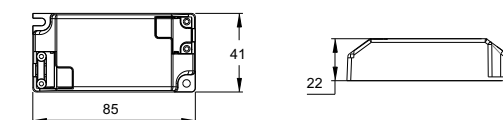
尺寸/DIMENSION

单位/UNIT: mm



参数/PARAMETERS

产品型号 Product model	类型 Type	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current
WPNH系列series	非隔离/ Non-Isolated	4-60W	200-240VAC	0.9	60-230VDC	80-300mA
WPH系列series	隔离/Isolated	4-60W	200-240VAC	0.9	3-40VDC	80-1500mA



应用范围：

酒店照明：任何需要照明的空间，客厅，走廊。

商场照明：橱柜以及货架的照明。

餐厅照明：营造气氛，灯光装饰。

Application scope：

Hotel lighting: Any space that requires lighting, such as living rooms and corridors.

Shopping mall lighting: Lighting for cabinets and shelves.

Restaurant lighting: Creating an atmosphere, light decoration.

筒射灯驱动器-调光款

Downlight Driver - Dimming Series

WELLDRIVER

慧能科技

产品介绍/PRODUCT INTRODUCTION



多种调光方式，无噪声无闪烁。良好的调光系统兼容性。无缝匹配其他公司和灯具厂商的光源设计。可用于工业照明。5年质保。

Multiple dimming methods, noise-free and flicker-free. Good compatibility of the dimming system. Seamlessly match the light source designs of other companies and lighting manufacturers. It can be used for industrial lighting. Five-year warranty.

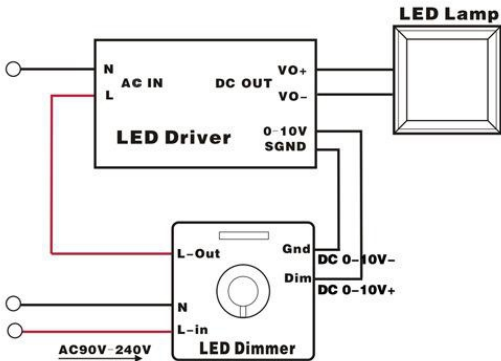
可控硅款/
Triac dimming series

0-10V调光款/
0-10V Dimming series

DALI款/
DALI series



0-10v/DALI系统连接示意图/0-10v/DALI LINK DIAGRAM



参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current	调光输出 Dimming output
WDV-0/1-10V系列series	4-40W	200-240VAC	0.9	3-40VDC	100-1000mA	S/CW
WDT-Triac系列series	4-25W	200-240VAC	0.9	3-40VDC	100-600mA	S
WDD-Dali系列series	4-40W	200-240VAC	0.9	3-40VDC	100-1000mA	S/CW/RGBCW

应用范围：

酒店照明：任何需要照明的空间，客厅，走廊。
商场照明：橱柜以及货架的照明。
餐厅照明：营造气氛，灯光装饰。

Application scope：

Hotel lighting: Any space that requires lighting, such as living rooms and corridors.
Shopping mall lighting: Lighting for cabinets and shelves.
Restaurant lighting: Creating an atmosphere, light decoration.

筒射灯驱动器-智能款

Downlight Driver - Smart Series

WELLDRIVER

慧能科技

产品介绍/PRODUCT INTRODUCTION



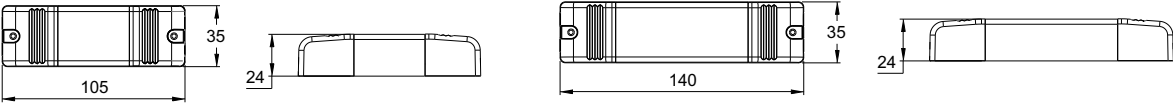
支持市面上大部分调光系统。1%以下的深度调光。调光切换平顺，无抖动。多至8档拨码调电流。认证及不认证配置可选。尺寸小巧，适用绝大多数灯具。

Supports most dimming systems available on the market. Depth dimming of less than 1%. The dimming switch is smooth without any jitter. Up to 8 dip switches for current adjustment. Authenticated and unauthenticated configurations are optional. Compact in size, it is suitable for the vast majority of lamps.



尺寸/DIMENSION

单位/UNIT: mm



参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current	调光输出 Dimming output
WDF-TYBT涂鸦蓝牙系列 Tuya Bluetooth Series	4-40W	200-240VAC	0.9	3-40VDC	100-1000mA	S/CW/RGBCW
WDF-TYWF涂鸦WiFi系列 Tuya WiFi Series	4-40W	200-240VAC	0.9	3-40VDC	100-1000mA	S/CW/RGBCW
WDF-TYB涂鸦zigbee系列 Tuya zigbee series	4-40W	200-240VAC	0.9	3-40VDC	100-1000mA	S/CW/RGBCW
WDF-Glory系列 Glorysmart Series	4-40W	200-240VAC	0.9	3-40VDC	100-1000mA	S/CW/RGBCW
WDF-Amazon亚马逊系列 Amazon Series	4-40W	200-240VAC	0.9	3-40VDC	100-1000mA	S/CW/RGBCW

应用范围：

酒店照明：任何需要照明的空间，客厅，走廊。
商场照明：橱柜以及货架的照明。
餐厅照明：营造气氛，灯光装饰。

Application scope：

Hotel lighting: Any space that requires lighting, such as living rooms and corridors.
Shopping mall lighting: Lighting for cabinets and shelves.
Restaurant lighting: Creating an atmosphere, light decoration.

商超线型轨道灯驱动

Supermarket Linear Track Light Driver



高效节能
效率高达94%以上，绿色环保



DALI调光
调光深度1%



认证齐全
ENEC/CE/SAA/CBC认证



安全可靠
雷击浪涌2.5KV，过载，短路，过压
过温等多种保护功能

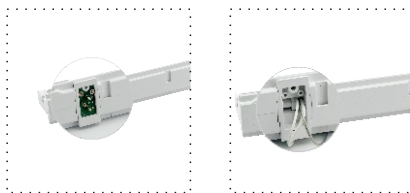
二线/三线线型轨道灯驱动 Two/Three Wire Linear Track Light Driver

产品介绍/PRODUCT INTRODUCTION



同一壳体，二线或三线可选。结构简单，成本低。

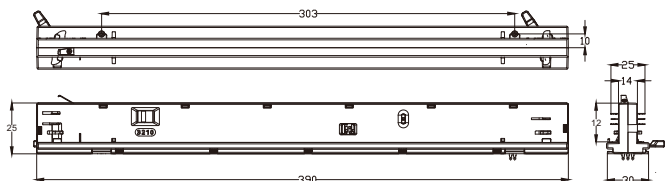
Same housing, selectable 2-wire or 3-wire. Simple structure, low cost.



两种接线方式可选
Two Wiring options are available

尺寸/DIMENSION DIAGRAM

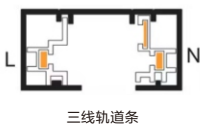
单位/UNIT: mm



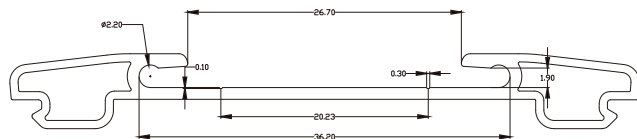
配套导轨和灯具尺寸图/MATCHING TRACK AND LIGHT FIXTURE SIZE



二线轨道条



三线轨道条



参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	输出电压 Output voltage	输出电流 Output current	控制方法 Control Method	长度 Length
WDPNH36T3	36W	200-240VAC	120-200VDC	88/120/155/190	NC	390mm
WDPNH36T3/SW	36W	200-240VAC	120-200VDC	88/120/155/190	DIP SWITCH CCT	390mm
WDPNH55T3	55W	200-240VAC	120-200VDC	220/240/270/290	NC	390mm
WDPNH55T3/SW	55W	200-240VAC	120-200VDC	220/240/270/290	DIP SWITCH CCT	390mm
WDPNH78T3	78W	200-240VAC	120-200VDC	320/350/370/400	NC	390mm
WDPNH78T3	78W	200-240VAC	120-200VDC	320/350/370/400	DIP SWITCH CCT	390mm

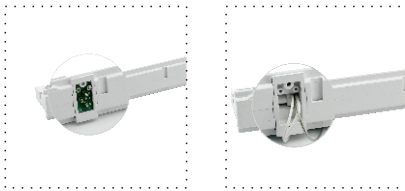
四线线型轨道灯驱动 4-Wire Linear Track Light Driver

产品介绍/PRODUCT INTRODUCTION



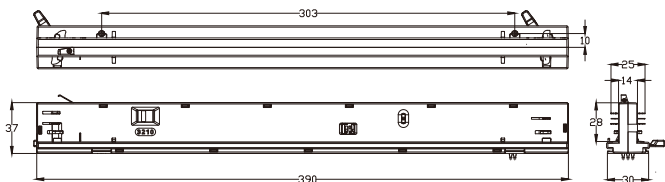
多功能 LED 驱动，把切相调光、DALI智能调光、CCT 调色温三大功能集成一体，现场通过拨码自由切换参数，兼顾安全、通用性与安装便利性。

A multifunctional LED driver that integrates three main features: phase-cut dimming, DALIsmart dimming, and CCT color temperature adjustment. You can freely switch parameters on-site using the dip switches, balancing safety, versatility, and installation convenience.

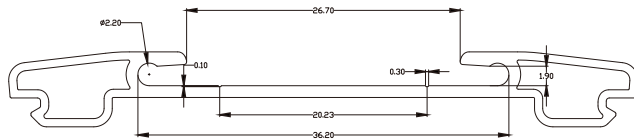
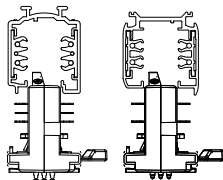


两种接线方式可选
Two Wiring options are available 单位/UNIT: mm

尺寸/DIMENSION DIAGRAM



配套导轨和灯具尺寸图/MATCHING TRACK AND LIGHT FIXTURE SIZE



参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	输出电压 Output voltage	输出电流 Output current	控制方法 Control Method	长度 Length
WDPNH36T4	36W	200-240VAC	120-200VDC	88/120/155/190	NC	390mm
WDPNH36T4/SW	36W	200-240VAC	120-200VDC	88/120/155/190	DIP SWITCH CCT	390mm
WDPNH36T4/DALI	36W	200-240VAC	120-200VDC	88/120/155/190	DT6/DT8	390mm
WDPNH55T4	55W	200-240VAC	120-200VDC	220/240/270/290	NC	390mm
WDPNH55T4/SW	55W	200-240VAC	120-200VDC	220/240/270/290	DIP SWITCH CCT	390mm
WDPNH55T4/DALI	55W	200-240VAC	120-200VDC	220/240/270/290	DT6/DT8	390mm
WDPNH78T4	78W	200-240VAC	120-200VDC	320/350/370/400	NC	390mm
WDPNH78T4/SW	78W	200-240VAC	120-200VDC	320/350/370/400	DIP SWITCH CCT	390mm
WDPNH78T4/DALI	78W	200-240VAC	120-200VDC	320/350/370/400	DT6/DT8	390mm

磁吸轨道灯驱动

超长寿命 超小体积 性能优越 耐高温
Ultra-long service life, ultra-small volume,
superior performance and high temperature resistance

MAGNETIC
TRACK LAMP
DRIVER

未来可兼容以适用于不断更新的LED系统
无缝匹配其他公司和灯具厂商的光源设计
提供了高性能的解决方案
外形小巧，易于安装，操作安全

It will be compatible in the future to be applicable to
the constantly updated LED systems.
Seamlessly match the light source designs of other
companies and lighting manufacturers.
It provides high-performance solutions.
Compact in size, easy to install and safe to operate.



低压磁吸灯内置驱动系列

BUILT-IN DRIVER SERIES FOR LOW-VOLTAGE MAGNETIC TRACK LIGHTS



低压磁吸灯内置驱动-常规款

Build-in driver for low voltage magnetic track lights-Standard Series

WELLDRIVER
慧能科技

产品介绍/PRODUCT INTRODUCTION



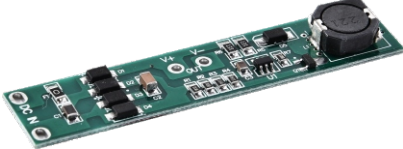
低压系统,更为安全可靠; 未来可兼容以适用于不断更新的LED系统; 无缝匹配其他公司和灯具厂商的光源设计; 低频闪, 对照相机和扫码器友好; 5年质保。

Low-voltage system,safer and more reliable; It will be compatible in the future to be applicable to the constantly updated LED systems. Seamlessly match the light source designs of other companies and lighting manufacturers; Low-frequency flash, friendly to cameras and scanners; Five-year warranty.

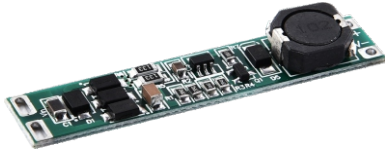
Mini款A/WDC-Mini A



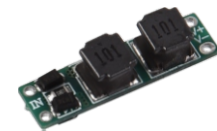
经济款/WDC20E



15款/WDC15



Mini款B/WDC-Mini B



特价款/WDC20B

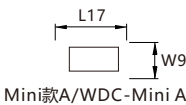


定制款/WDC20

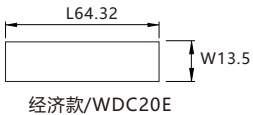


尺寸/DIMENSION

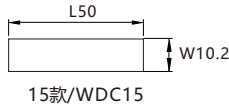
单位/UNIT: mm 产品高度H: 5mm



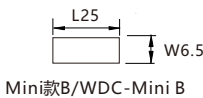
Mini款A/WDC-Mini A



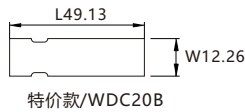
经济款/WDC20E



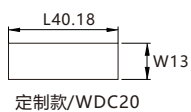
15款/WDC15



Mini款B/WDC-Mini B



特价款/WDC20B



定制款/WDC20

参数/PARAMETERS

产品型号 Product model	输入电压 Input voltage	输出电流 Output current	输出电压 Output voltage	效率 Efficiency
Mini款A/WDC-Mini A	48VDC	100-700mA	3-40VDC	90%
Mini款B/WDC-Mini B	48VDC	100-650mA	3-40VDC	90%
经济款/WDC20E	48VDC	100-600mA	3-40VDC	90%
特价款/WDC20B	48VDC	100-650mA	3-40VDC	90%
15款/WDC15	48VDC	100-600mA	3-40VDC	90%
定制款/WDC20	48VDC	100-650mA	3-40VDC	90%

应用范围: 非调光磁吸轨道灯; 高性能, 高可靠性, 小体积; 可为客户定制。

Application scope: Non-dimmable magnetic track lamp High performance, high reliability, small size; Customization is available for customers.

低压磁吸灯内置驱动-认证款

Low-Voltage Magnetic Track Lamp Built-In Driver - Certification Series

WELLDRIVER
慧能科技

产品介绍/PRODUCT INTRODUCTION



低压系统，更为简单的认证和研发过程；提供了高性能的解决方案；外形小巧，易于安装，操作安全；优秀的EMC性能，轻松应对各国认证要求；证书CE, EMC；3年质保。

Low-voltage system, simpler certification and R&D process; It provides high-performance solutions; Compact in size, easy to install and safe to operate; Excellent EMC performance, easily meeting the certification requirements of various countries; Certificate CE, EMC. 3-year warranty.

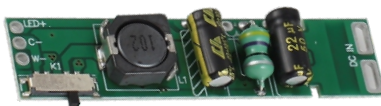
EMC 迷你款/WDC20EP-Mini



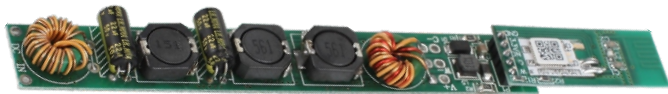
EMC CE款/WDC20EP



EMC 迷你款拨码款/WDC20EP-S3 Mini

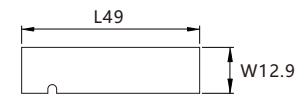


EMC 无线调光款/WDC20EP-TYBT



尺寸/DIMENSION

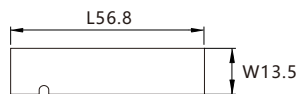
单位/UNIT: mm 产品高度H: 5mm



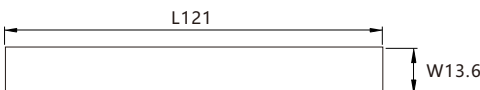
EMC 迷你款/WDC20EP-Mini



EMC CE款/WDC20EP



EMC 迷你款拨码款/WDC20EP-S3 Mini



EMC 无线调光款/WDC20EP-TYBT

参数/PARAMETERS

产品型号 Product model	输入电压 Input voltage	输出电流 Output current	输出电压 Output voltage	效率 Efficiency
EMC 迷你款/WDC20EP-Mini	48VDC	100-900mA	3-40VDC	90%
EMC CE款/WDC20EP	48VDC	100-900mA	3-40VDC	90%
EMC 迷你款拨码款/WDC20EP-S3 Mini	48VDC	100-900mA	3-40VDC	90%
EMC 无线调光款/WDC20EP-TYBT	48VDC	100-900mA	3-40VDC	90%

应用范围：高标准的磁吸灯具，需要符合EMC认证要求的灯具

Application scope: High-standard magnetic lamps require lamps that meet the requirements of EMC certification

低压磁吸灯内置驱动-智能调光款

Low-Voltage Magnetic Track Lamp Built-In Driver - Smart Dimming Series

WELLDRIVER
慧能科技

产品介绍/PRODUCT INTRODUCTION



支持市面上大部分调光系统，调光深度支持1%以下，极宽的输出电压范围2-42V，多至5档色温调整，常规及符合EMC标准可供选择。

It supports most dimming systems on the market, with a dimming depth of less than 1%. It has an extremely wide output voltage range of 2-42V, with up to 5 dip switches for CCT adjustment. Both standard and EMC-compliant options are available.



0-10V调光款/WDC20D-0-10V



无线调光款/WDC20D-TYBT



三色拨码款/WDC20D-S3A

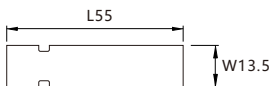


五色拨码款/WDC20D-S5A

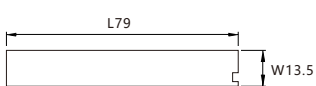


尺寸/DIMENSION

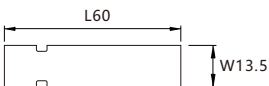
单位/UNIT: mm 产品高度H: 5mm



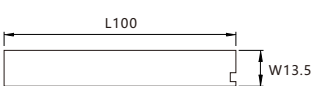
0-10V调光款/
WDC20D-0-10V



无线调光款/
WDC20D-TYBT



三色拨码款/
WDC20D-S3A



五色拨码款/
WDC20D-S5A

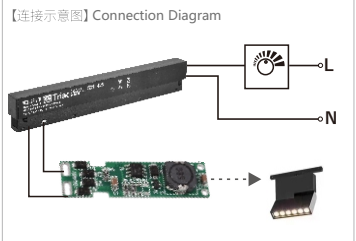
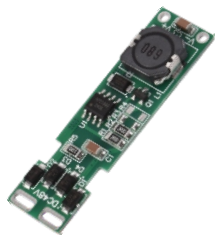
参数/PARAMETERS

产品型号 Product model	输入电压 Input voltage	输出电流 Output current	输出电压 Output voltage	效率 Efficiency
0-10V调光款/WDC20D-0-10V	48VDC	100-600mA	3-40VDC	90%
无线调光款/WDC20D-TYBT	48VDC	100-600mA	3-40VDC	90%
三色拨码款/WDC20D-S3A	48VDC	100-600mA	3-40VDC	90%
五色拨码款/WDC20D-S5A	48VDC	100-600mA	3-40VDC	90%

可控硅调光款-产品介绍/TRIAC DIMMING SERIES-PRODUCT INTRODUCTION

可通过输入端PWM调光
Dimming can be achieved through PWM at the input end

产品型号/Model : WDC20-PWM
输出功率/Power : 3-30W
输入电压/Input voltage : 42-48VDC(PWM)
输出电压/Output voltage : 3-38VDC
输出电流/Output current : 100-700MA



应用范围：调光灯具，智能控制灯具，高端磁吸灯

Application scope: Dimming lamps, intelligent control lamps, high-end magnetic lamps

恒压型开关电源 CONSTANT VOLTAGE POWER SUPPLY

品质细节,卓越追求
QUALITY DETAILS, PURSUIT OF EXCELLENCE



标准恒压输出,保持光源的稳定性
高效稳定的供电,有效延长光源寿
命和减少光衰.

Standard constant voltage output maintains the stability
of the light source. Efficient and stable power supply
effectively extends the lifespan of the light source and
reduces light attenuation.



20款磁吸灯一体电源
20 SERIES INTEGRATED
POWER SUPPLY

20款集控电源-常规款/认证款/隐藏款

20 Series Centralized Control Power Supply-Regular/Certified/Recessed Series

WELLDRIVER
慧能科技

常规款-产品介绍/STANDARD SERIES-PRODUCT INTRODUCTION



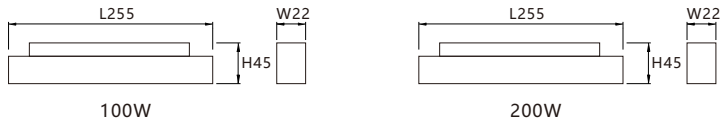
标准磁吸灯20导轨尺寸，外观整体设计，配备安全锁扣，高品质用料，两线，四线可选。

Standard magnetic lamp with 20 rail dimensions, overall appearance design, equipped with safety lock, high-quality materials, two-wire and four-wire options available.



尺寸/DIMENSION DIAGRAM

单位/UNIT: mm



参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current	备注 Remarks
WDMTP10048A	100W	200-240VAC	0.5	48VDC	2.1A	5年质保 5yrs warranty
WDMTP20048A	200W	200-240VAC	0.5	48VDC	4.2A	
WDMPT30048A	300W	200-240VAC	0.5	48VDC	6.3A	
WDMTP10048B	100W	100-260VAC	0.5	48VDC	2.1A	3年质保 3yrs warranty
WDMPT20048B	200W	100-260VAC	0.5	48VDC	4.2A	
WDMTP10048C	100W	200-240VAC	0.5	48VDC	2.1A	3年质保 3yrs warranty
WDMPT20048C	200W	200-240VAC	0.5	48VDC	4.2A	
WPMTP10048P	100W	200-240VAC	0.9	48VDC	2.1A	3年质保 3yrs warranty
WPMTP20048P	200W	200-240VAC	0.9	48VDC	4.2A	

隐藏款-产品介绍/RECESSED SERIES-PRODUCT INTRODUCTION

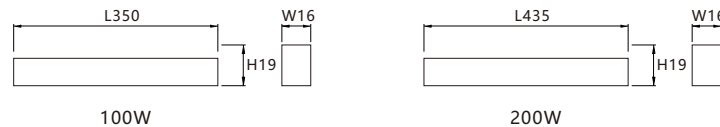
这款专为 20 毫米磁性轨道设计的纤薄 16 毫米驱动器，采用完全隐藏式外壳，可提供真正的额定功率。双线配置确保安装简洁美观，并能完美隐藏在轨道轮廓内。

Designed for 20mm magnetic tracks, this slim 16mm driver delivers true rated power in a fully concealed housing. The 2-wire configuration ensures a clean, minimalist installation that remains invisible within the track profile.



尺寸/DIMENSION DIAGRAM

单位/UNIT: mm



参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current	备注 Remarks
WDMTP10049S	100W	200-240VAC	0.5	48VDC	2.1A	3年质保 3yrs warranty
WDMTP20048S	200W	200-240VAC	0.5	48VDC	4.2A	

应用范围：磁吸轨道灯照明系统

Application scope: Magnetic track light lighting system

20款集控电源-有线调光

20 Series Centralized Control Power Supply-Wired Dimming

WELLD RIVER
慧能科技

产品介绍/PRODUCT INTRODUCTION



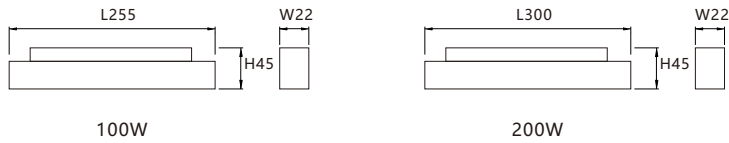
一体化设计，即插即装。无频闪深度调光。节省空间，外观整洁。有线信号稳定，零干扰。轻松对接楼宇自动化。

All-in-one design, plug-and-play installation.Flicker-free deep dimming.Space-saving, clean aesthetics.Stable wired signal, zero interference.Easy integration with building automation.



尺寸/DIMENSION DIAGRAM

单位/UNIT: mm



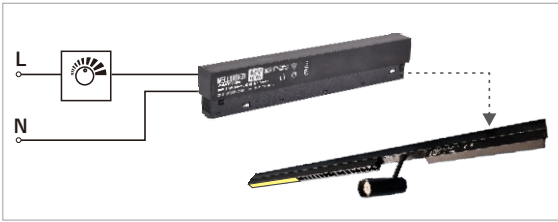
参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	输出电压 Output voltage	输出电流 Output current	输出类型 Type of output	尺寸 Size
WDMTP10048D-0-10V	100W	200-240VAC	48VDC	2A	S/CW	225mm
WDMTP20048D-0-10V	200W	200-240VAC	48VDC	4A	S/CW	265mm
WDMTP10048D-TRIAC	100W	200-240VAC	48VDC	2A	S	225mm
WDMTP20048D-TRIAC	200W	200-240VAC	48VDC	4A	S	265mm
WDMTP10048D-DALI	100W	200-240VAC	48VDC	2A	S/CW	225mm
WDMTP20048D-DALI	200W	200-240VAC	48VDC	4A	S/CW	265mm

有线调光/WIRED DIMMING

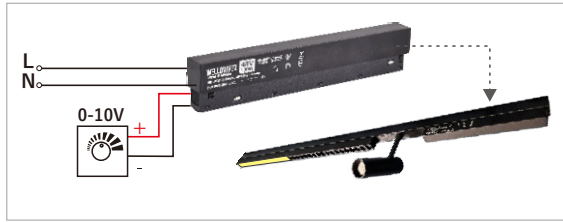
可控硅调光【连接示意图】

Triac dimming (Connection Diagram)



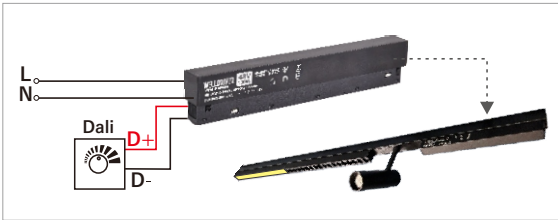
0-10V调光【连接示意图】

0-10V dimming (Connection Diagram)



Dali调光【连接示意图】

Dali dimming (Connection Diagram)



Push调光【连接示意图】

Push dimming (Connection Diagram)



20款集控电源-无线调光

20 Series Centralized Control Power Supply-Wireless Dimming

WELLD RIVER
慧能科技

产品介绍/PRODUCT INTRODUCTION



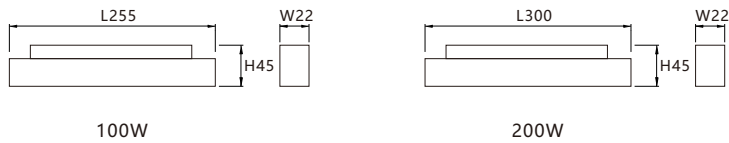
免布线，安装便捷;手机APP远程控制;语音控制，解放双手多种无线协议可选;场景联动，智能升级。

No extra wiring, easy installation; Remote control via mobile APP;Voice control, hands-free operation;Multiple wireless protocols available;Scene linkage, smart upgrade.



尺寸/DIMENSION DIAGRAM

单位/UNIT: mm



参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current	输出类型 Type of output
WDMTP-Glorysmart &Tuya series (Bluetooth/Wi-Fi/ZigBee)	100W	200-240VAC	0.5	42VDC	4A	S/CW
	100W	200-240VAC	0.5	48VDC	2.1A	S/CW
	200W	200-240VAC	0.5	42VDC	8A	S/CW
	200W	200-240VAC	0.5	48VDC	4.1A	S/CW

无线调光/WIRELESS DIMMING

【连接示意图】 Connection Diagram



应用范围：磁吸轨道灯照明系统

Application scope : Magnetic track light lighting system

应用说明：

本调光磁吸灯电源可配合线性光源或者线性驱动器实现同一轨道内的灯具同步调光调色，不需要每一个灯配一个调光驱动，同时，配网的时候只需要连接磁吸灯调光电源即可，本系统操作简单，成本低廉，适合家居及商业环境使用。

Application Instruction:

This dimming magnetic attraction lamp power supply can be used in conjunction with a linear light source or a linear driver.To achieve synchronous dimming and color adjustment of the lamps within the same track, there is no need for each lamp to be driven by a dimming drive.Meanwhile, when distributing the network, it is only necessary to connect the magnetic lamp dimming power supply. This system is easy to operate.Low cost, suitable for use in both home and commercial environments.

智能控制器
SMART CONTROLLER

智能控制器
Smart Controller

WELLDRIVER
慧能科技

有线调光-产品介绍/WIRED DIMMING-PRODUCT INTRODUCTION



灵活搭配与易升级。散热分离、寿命更长。适合大系统/多分区控制。

Flexible pairing and easy upgrade. Separate heat dissipation for longer lifespan. Ideal for large systems with multiple zones.



参数/PARAMETERS

产品型号 Product model	信号 Signal	输入 Input	输出 Output	产品尺寸 Product Size	外壳材质 Shell material
WDCL 10A-ADM-C	0-10V	24V-48V DC10Amax	24VDC Max 200W 48VDC Max 300W	160*29*20mm	Plastic White
WDCL 10A-ADM-CW	0-10V	24V-48V DC10Amax		160*29*20mm	Plastic White
WDCL 10A-DALI-C	DALI2	24V-48V DC10Amax		160*29*20mm	Plastic White
WDCL 10A-DALI-CW	DALI2	24V-48V DC10Amax		160*29*20mm	Plastic White
WDCL 10A-DALI-CWRGB	DALI2	24V-48V DC10Amax		150*50*29mm	AL Black

无线调光-产品介绍/WIRELESS DIMMING-PRODUCT INTRODUCTION



散热分离、寿命长，适合大系统/多分区，无线信号好。

Separate heat dissipation ensures longer lifespan. Suitable for large systems with multiple zones. Better wireless signal performance.

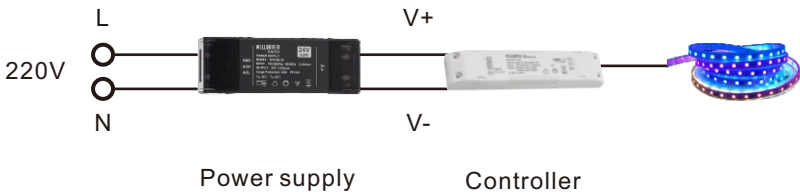


参数/PARAMETERS

产品型号 Product model	信号 Signal	输入 Input	输出 Output	产品尺寸 Product Size	外壳材质 Shell material
WDCL 10A-TYBT-C	Tuya BT	24V-48V DC10Amax	24VDC Max 200W 48VDC Max 300W	160*29*20mm	Plastic White
WDCL 10A-TYBT-CW	Tuya BT	24V-48V DC10Amax		160*29*20mm	Plastic White
WDCL 10A-TYBT-CWRGB	Tuya BT	24V-48V DC10Amax		150*50*29mm	AL Black
WDCL 11A-GRBT-C	GLORY BT	24V-48V DC10Amax		160*29*20mm	Plastic White
WDCL 11A-GRBT-CW	GLORY BT	24V-48V DC10Amax		160*29*20mm	Plastic White
WDCL 11A-GRBT-CWRGB	GLORY BT	24V-48V DC10Amax		150*50*29mm	AL Black
WDCL 12A-AMZBT-C	AMAZON BT	24V-48V DC10Amax		160*29*20mm	Plastic White
WDCL 12A-AMZBT-CW	AMAZON BT	24V-48V DC10Amax		160*29*20mm	Plastic White
WDCL 12A-AMZBT-CWRGB	AMAZON BT	24V-48V DC10Amax		150*50*29mm	AL Black

【连接示意图】

Connection diagram



恒压电源-经济款

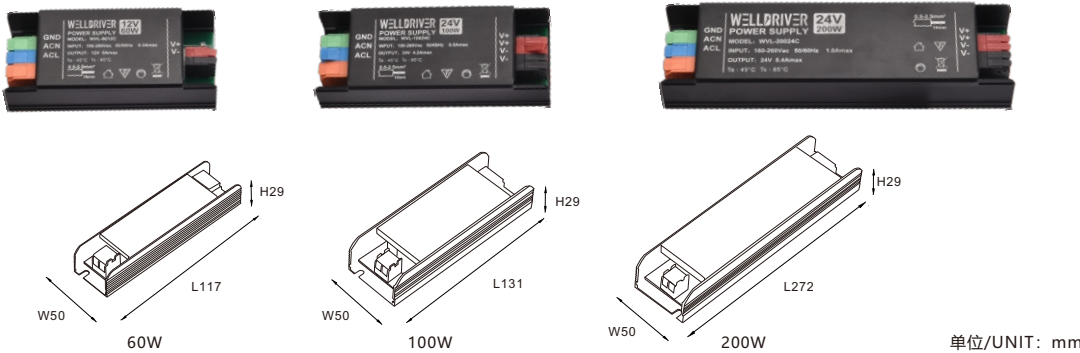
Constant Voltage Power Supply - Economic Series

WELLDRIVER
慧能科技

经济款-产品介绍/ECONOMIC SERIES-PRODUCT INTRODUCTION



输出100%足功率，输出过载保护，经典造型，用料扎实，体积小，便于安装使用，12V 24V 40V 48V电压可选。
Output full power, output overload protection, classic design, solid materials, compact size, easy to install and use. 12V, 24V, 40V and 48V voltages are available.



参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current	调光输出 Dimming output
WVL-S6024	60W	180-260VAC	0.5	24VDC	2.5A	N/C
WVL-S10024	100W	180-260VAC	0.5	24VDC	4.1A	N/C
WVL-S20024	200W	180-260VAC	0.5	24VDC	8.2A	N/C

恒压电源-工程款/认证款

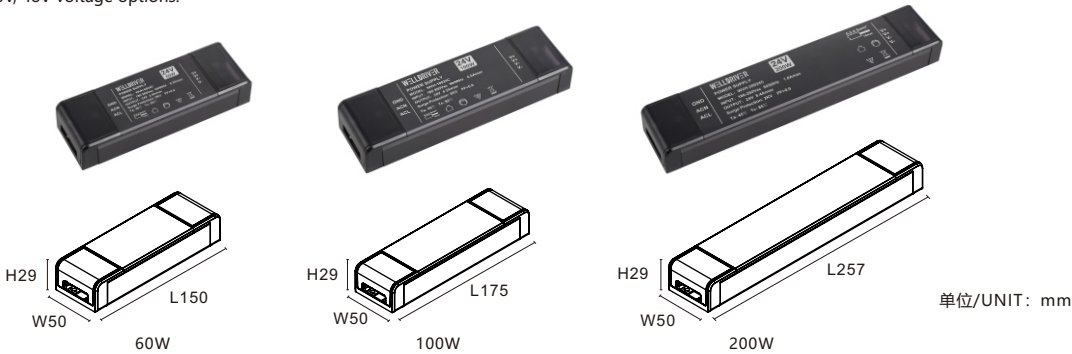
Constant Voltage Power Supply - Project/Certification Series

WELLDRIVER
慧能科技

工程款-产品介绍/PROJECT SERIES-PRODUCT INTRODUCTION



输出过载保护，超低THD < 5%，浪涌保护 < 4KV，可靠冗余设计，保护全面，长久耐用，12V、24V、40V、48V电压可选。
Output overload protection, ultra-low THD < 5%, surge protection < 4KV, reliable redundant design, comprehensive protection, long-lasting durability, 12V, 24V, 40V, 48V voltage options.



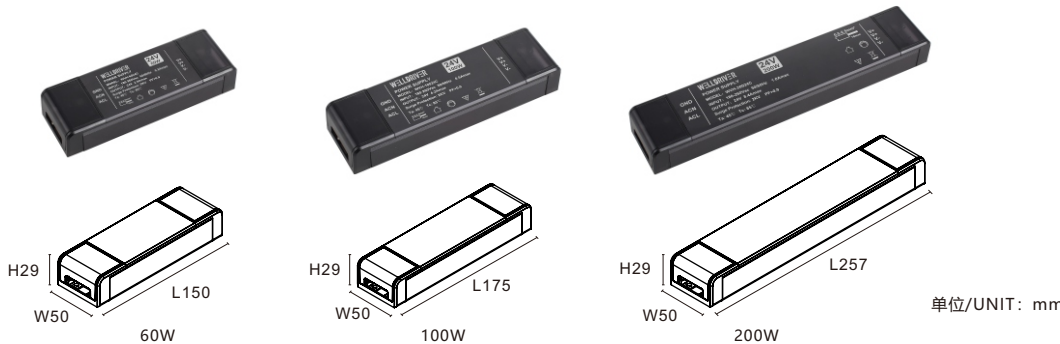
参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current	浪涌保护 Surge protection
WVH-A6024C	60W	180-260VAC	0.9, THD<8%	24VDC	2.5A	4KV
WVH-A10024C	100W	180-260VAC	0.9, THD<8%	24VDC	4.1A	4KV
WVH-A20024C	200W	180-260VAC	0.9, THD<8%	24VDC	8.2A	4KV
WVH-A30024C	300W	180-260VAC	0.9, THD<8%	24VDC	12.3A	4KV

认证款-产品介绍/CERTIFICATION SERIES-PRODUCT INTRODUCTION



CE-Erp认证标准，全新设计，安全可靠，便捷安装，12V、24V、40V、48V电压可选。
CE-Erp certification standard, Brand-new design, safe and reliable, and easy to install. 12V, 24V, 40V, 48V voltage options.



参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current	认证 Certification
WPVH-A6024C	60W	180-260VAC	0.9	24VDC	2.5A	CE/KS
WPVH-A10024C	100W	180-260VAC	0.9	24VDC	4.1A	CE/KS
WPVH-A20024C	200W	180-260VAC	0.9	24VDC	8.2A	CE/KS
WPVH-A30024C	300W	180-260VAC	0.9	24VDC	12.3A	CE/KS



二合一智能调光开关电源

2-IN-1 SMART DIMMING POWER SUPPLY

有线调光-产品介绍/WIRED DIMMING-PRODUCT INTRODUCTION



足功率，输出过载保护，长寿命。接线简单、施工快。兼容性好不闪灯，节省空间与SKU。

Full rated power, output overload protection, long lifespan. Simple wiring, fast installation. Excellent compatibility, flicker-free dimming. Saves space and reduces SKUs.

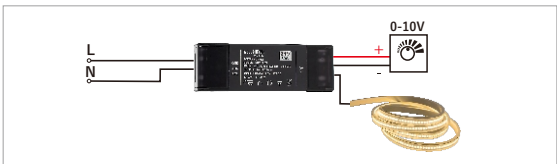
参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	输出电压 Output voltage	输出电流 Output current	调光输出 Dimming output
WVL-A10024D-0-10V	100W	180-260VAC	24VDC	4.1A	S
WVL-A20024D-0-10V	200W	180-260VAC	24VDC	8.2A	S
WVL-A30024D-0-10V	300W	180-260VAC	24VDC	12.3A	S
WVL-A10024D-TRIAC	100W	180-260VAC	24VDC	4.1A	S
WVL-A20024D-TRIAC	200W	180-260VAC	24VDC	8.2A	S
WVL-A10024D-DALI	100W	180-260VAC	24VDC	4.1A	S/ CW / RGBCW
WVL-A20024D-DALI	200W	180-260VAC	24VDC	8.2A	S/ CW / RGBCW
WVL-A30024D-DALI	300W	180-260VAC	24VDC	12.3A	S/ CW / RGBCW

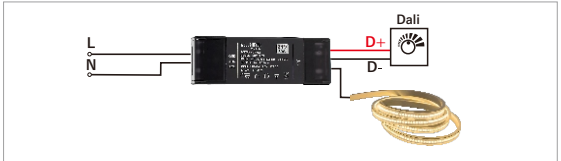
可控硅调光【连接示意图】
Triac Dimmer Connection diagram



0-10V调光【连接示意图】
0-10V Dimmer Connection diagram



Dali调光【连接示意图】
Dali Dimmer Connection diagram



Push调光【连接示意图】
Push Dimmer Connection diagram



产品图/PRODUCT PICTURE



无线调光-产品介绍/WIRELESS DIMMING-PRODUCT INTRODUCTION



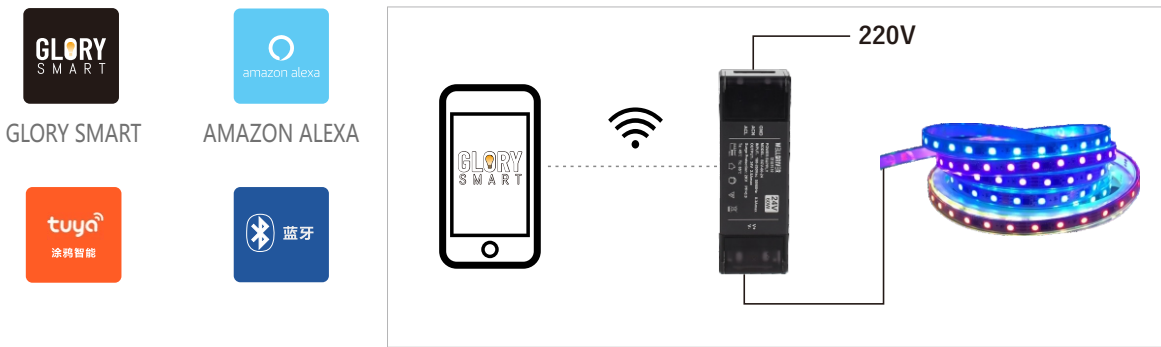
足功率，输出过载保护，长寿命。接线简单、施工快。兼容性好不闪灯，节省空间与SKU。

Full rated power, output overload protection, long lifespan. Simple wiring, fast installation. Excellent compatibility, flicker-free dimming. Saves space and reduces SKUs.

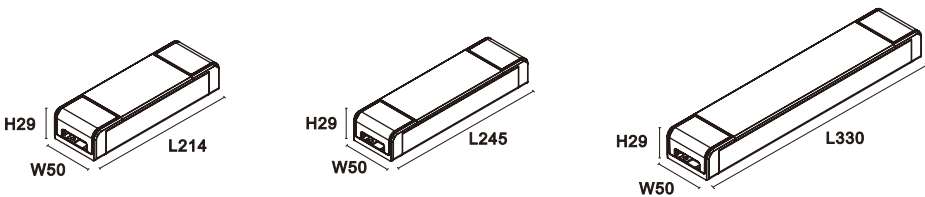
参数/PARAMETERS

产品型号 Product model	输出功率 Output power	输入电压 Input voltage	输出电压 Output voltage	输出电流 Output current	调光输出 Dimming output
WVL-A10024D-Glory/Amazon/Tuya (Bluetooth/Wi-Fi/ZigBee)	100W	180-260VAC	24VDC	4.1A	S/ CW / RGBCW
	200W	180-260VAC	24VDC	8.2A	S/ CW / RGBCW
	300W	180-260VAC	24VDC	12.3A	S/ CW / RGBCW

【连接示意图】 Connection diagram



尺寸/DIMENSIONS



KS款-产品介绍/KS LED 모듈 전원공급용 컨버터



高PF值PF>0.9，无频闪。浪涌保护<2KV，符合安规要求。传导、辐射，符合KS标准。长寿命，质保3年。

High PF : PF>0.9. no stroboscopic effect. Surge protection < 2KV, which complies with safety regulations. Conduction and radiation comply with KS standards. Long service life, 3-year warranty.



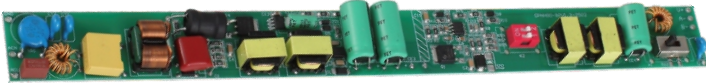
参数/PARAMETERS

产品型号 Product model	类型 Type	输出功率 Output power	输入电压 Input voltage	功率因数 Power factor	输出电压 Output voltage	输出电流 Output current
WPNH系列series	非隔离/ Non-Isolated	4-60W	200-240VAC	0.9	60-230VDC	80-300mA
WPH系列series	隔离/Isolated	4-60W	200-240VAC	0.9	3-40VDC	80-1500mA

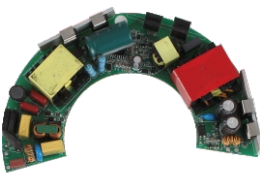
定制产品/CUSTOMIZED PRODUCT



筒射灯内置认证驱动（拨码调色温调电流）
The built-in certified driver of the downlight
(dip to adjust CCT and current)



轨道灯内置认证驱动（拨码调色温调电流）
The track light is equipped with an internal certification driver
(dip to adjust CCT and current).



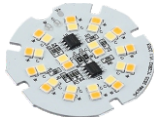
200W认证开关电源
200W certified switching power supply



200W认证开关电源
200W certified switching power supply



ZIGBEE旋钮面板
ZIGBEE knob panel



恒压集控双色SMD光源
Constant voltage centralized
control dual-color SMD light
source



恒压集控双色COB光源
Constant voltage centralized
control dual-color COB light
source



恒压单控双色SMD光源
Constant voltage single-
controlled dual-color SMD
light source



恒压单控双色SMD光源
Constant voltage single-
controlled dual-color SMD
light source



单色线性恒流板
Monochromatic linear
constant current board



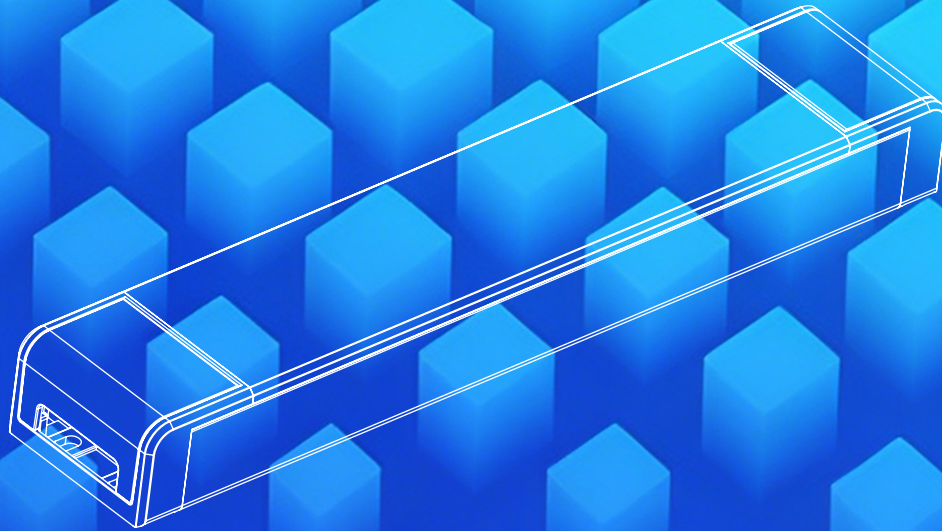
两线双色线性恒流板
Two-line two-color linear
constant current board



两线双色线性恒流板
Two-line two-color linear
constant current board



单控双色线性恒流板
Single-controlled dual-color
linear constant current board



中山市蔚能电子
智慧生活 无限可能