

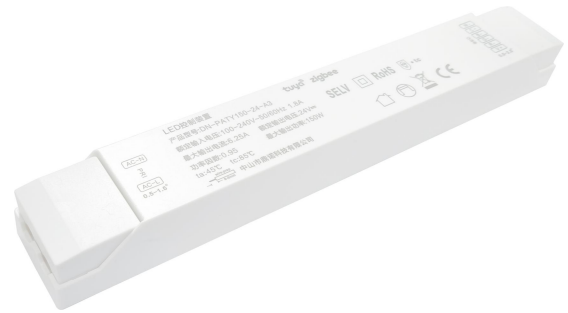


## 涂鸦 ZigBee 智能灯带电源系列

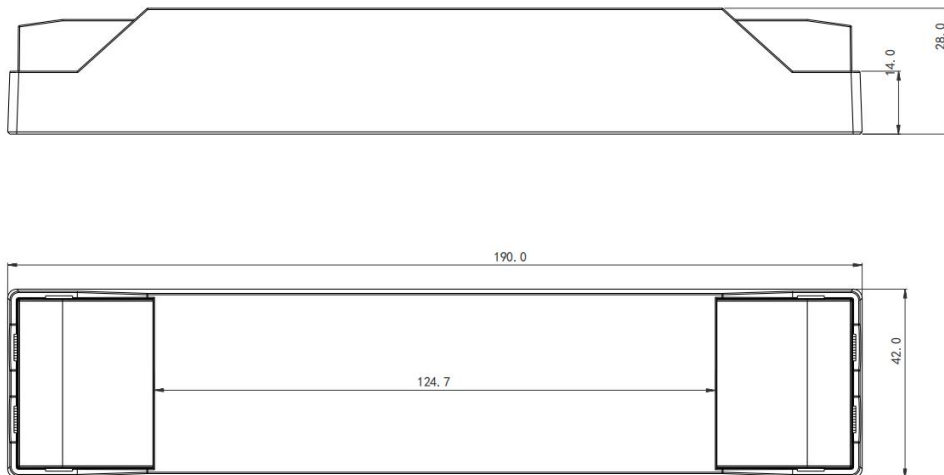
- 无线调光和色温可调 / Wireless dimmable and cct tunable
- 输出恒压驱动器 /Output constant voltage LED driver
- 高性能高效率 /High performance, high efficiency
- 符合 CE、CCC /Comply with CE、CCC
- 5 年质保 /5-years warranty
- 涂鸦平台，ZigBee 协议/Tuya platform, ZigBee proto

## 功能/Functions

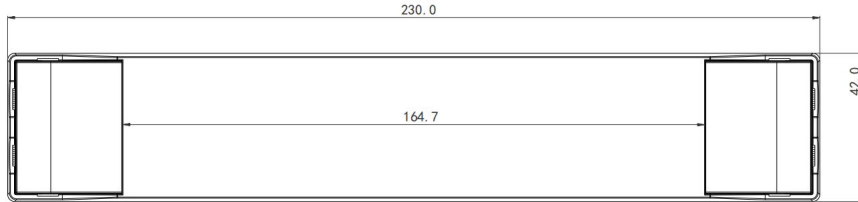
- 宽电压输入：100-240VAC /Wide voltage input:100-240VAC
- 开路保护 /Open circuit protection
- 短路保护 /Short-circuit protection
- 空载保护 /No-load protection
- 浪涌电压 1KV /Surge protection voltage 1KV
- 高 PF 无频闪 /High PF no strobe



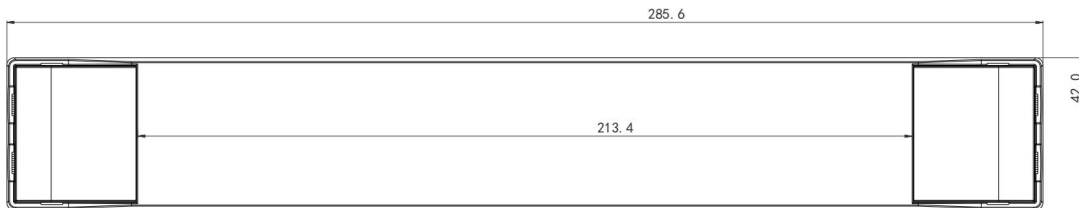
## 尺寸/Dimension



长\*宽\*高= 190\*42\*28 mm



长\*宽\*高= 230\*42\*28 mm



长\*宽\*高= 285\*42\*28 mm

## 技术数据/Technical Date

For Driver		For RF-Zigbee	
型号	DN-PATYxxx-24-Ax	可控距离	30 米 / 30Meters without Obstacle
额定输入电压	AC100-240V	协议	Zigbee
最大输入电流	1.8A	频率范围	2.405~2.480GHz
电源频率	50/60Hz	接收灵敏度	-99dBm
输出电压	24VDC	发送功率	+20dBm (Max)
输出电流	0-6250mA	天线类型	PCB internal antenna
调光范围	NA	天线增益	1.0dBi
效率	>85%	工作温度	-40°C...+105°C
功率因数	0.9PF		

寿命	30,000Hour
使用温度	-20°C...+45°C
储存温度	-20°C...+80°C
尺寸	L190*W42*H28 mm
	L230*W42*H28 mm
	L285*W42*H28 mm

**产品标准/Standard**

LVD	EN61347-2-13
LVD	EN61347-2-13
EMI	EN55015
RED	EN300 440
RED	EN301489-1/ EN301489-3
EMS	IEC6100-3-2/IEC6100-3-3
EMS	IEC6100-4-2/IEC6100-4-3/IEC6100-4-4
EMS	IEC6100-4-5/ IEC6100-4-6/IEC6100-4-8

**安装接线/Installation and wiring**

**安装说明/Installation**

安装前需考虑散热/Heat dissipation must be considered before installation.

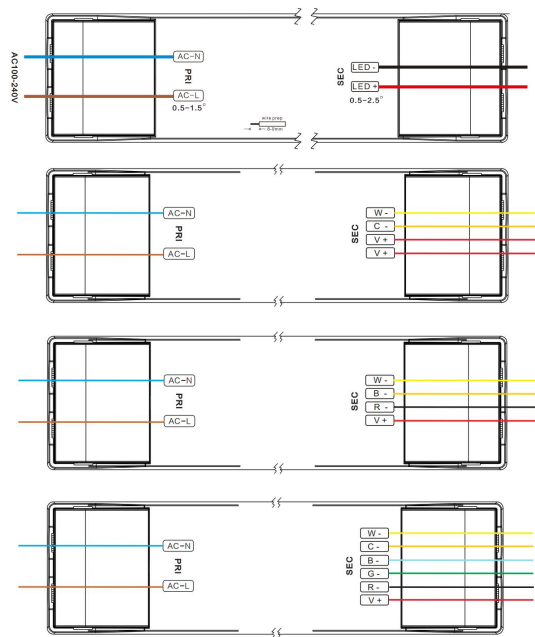
使驱动器尽可能远离周围环境中的电磁干扰，以确保射频控制行为/Keep the drivers as far as possible away from electromagnetic interference in the surrounding environment to ensure RF controlling behavior.

安装时一定要切断电源/Make sure to keep mains off while installation.

建议 1: 所有的连接尽可能短，以确保良好的 EMC 性能。  
Suggestion 1: make all connection as short as possible to ensure good EMC behavior.

建议 2: 使用 0.75-1.5mm<sup>2</sup> 电线裸线长度 8-9mm /Suggestion 2: use 0.75-1.5mm<sup>2</sup> wire, strip length 8-9mm

**接线图/Wiring Diagram**



- 输入 (L N) 接 100-240V 交流电源 / Input (L N) connected to 100-240V AC power supply
- 输出 (+) 接 LED 正极, (W) 接白光负极, (C) 接黄光负极, (R) 接红光负极, (G) 接绿光负极, (B) 接蓝光负极 /The output (+) is connected to the positive pole of LED, (W) to the negative pole of white light, (Y) to the negative pole of yellow light,(R) Connect red light negative pole, (G) green light negative pole, (B) blue light negative pole

## 所有的型号和规格/All models and specifications

型号 Model Number	输入电压 (V) Input Voltage	最大输入电 流 (A) Max input Cuurent	最大输出功 率 (W) Maxoutput Power	额定输出电 压 (V) Rated Output Voltage	最大输出电 流 (mA) Max Output Current	功率因数 (PF) Power Factor	输出通道 Output Channel	类型 Match colors
DN-PATY60-24-A0	100~240AC	0.72A	60W	24V	2500mA	0.9	1	C/W
DN-PATY80-24-A0	100~240AC	0.94A	80W	24V	3330mA	0.9	1	C/W
DN-PATY100-24-A0	100~240AC	1.18A	100W	24V	4160mA	0.9	1	C/W
DN-PATY150-24-A0	100~240AC	1.80A	150W	24V	6250mA	0.9	1	C/W
DN-PATY60-24-A1	100~240AC	0.72A	60W	24V	2500mA	0.9	2	CW
DN-PATY80-24-A1	100~240AC	0.94A	80W	24V	3330mA	0.9	2	CW
DN-PATY100-24-A1	100~240AC	1.18A	100W	24V	4160mA	0.9	2	CW
DN-PATY150-24-A1	100~240AC	1.80A	150W	24V	6250mA	0.9	2	CW
DN-PATY100-24-A2	100~240AC	1.18A	100W	24V	4160mA	0.9	4	RGBW
DN-PATY150-24-A2	100~240AC	1.80A	150W	24V	6250mA	0.9	4	RGBW
DN-PATY100-24-A3	100~240AC	1.18A	100W	24V	4160mA	0.9	5	RGBCW
DN-PATY150-24-A3	100~240AC	1.80A	150W	24V	6250mA	0.9	5	RGBCW

## 应用/Application

适用于家居照明、室内办公照明、商业照明等智能应用场景

