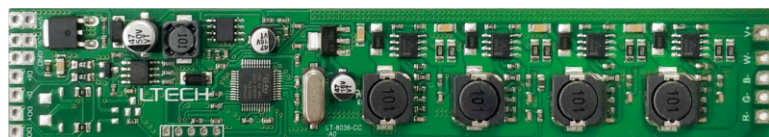


LT- 8036-1000 DMX/RDM CC Decode Circuit Board



LT-8036-1000 is a PCB CC driver, which is designed especially for DMX512 high power wall washer, project lights. Suitable for controlling single color, tunable white, RGB, RGBW LED lights.

With standard RDM long range devices management function, coding line is not required. Work with WiFi-RDM01, setting the data of connected LT-8036-1000 via App, such as DMX address, dimming range, dimming mode, firmware updates, etc.

Offline sync mode, preset 3 modes. The connected DMX devices will sync play the preset modes if over a period of time without DMX signal. which is a feasible solution for small control system.

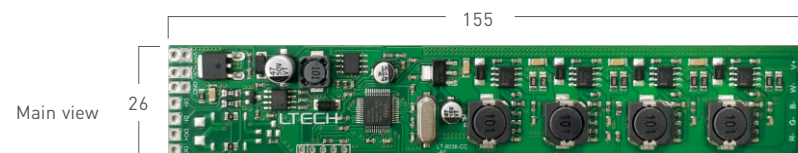
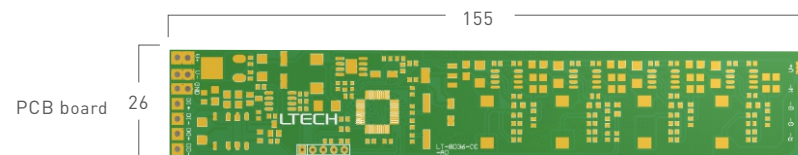
1. Product parameter:

Model: LT-8036-1000
Name: DMX/RDM CC decode circuit board
Input signal: DMX512, RDM
Input voltage: 12~36Vdc
Output voltage: 7.5~33Vdc
Current load: 1000mA(Max)×4CH (Note the current when ordering.
Current available from 250mA to 1000mA. Default is 1000mA)
Output power: [0~7.5W...33W] × 4CH Max. 132W
Dimming range: 0~100%

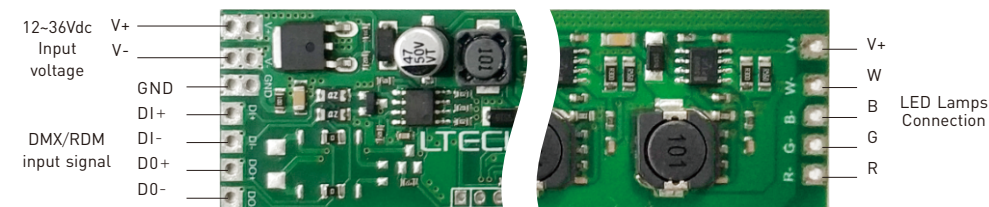
Control mode: Dimming/CT/RGB/RGBW
Protection: Short circuit / Over load / Anti-reverse connection
Offline mode: Static white, jump, smooth
Working temp.: -30°C~65°C
Storage temp.: -60°C~150°C
Product size: L155 × W26 × H10(mm)
Weight (N.W.): 30g

2. Product size:

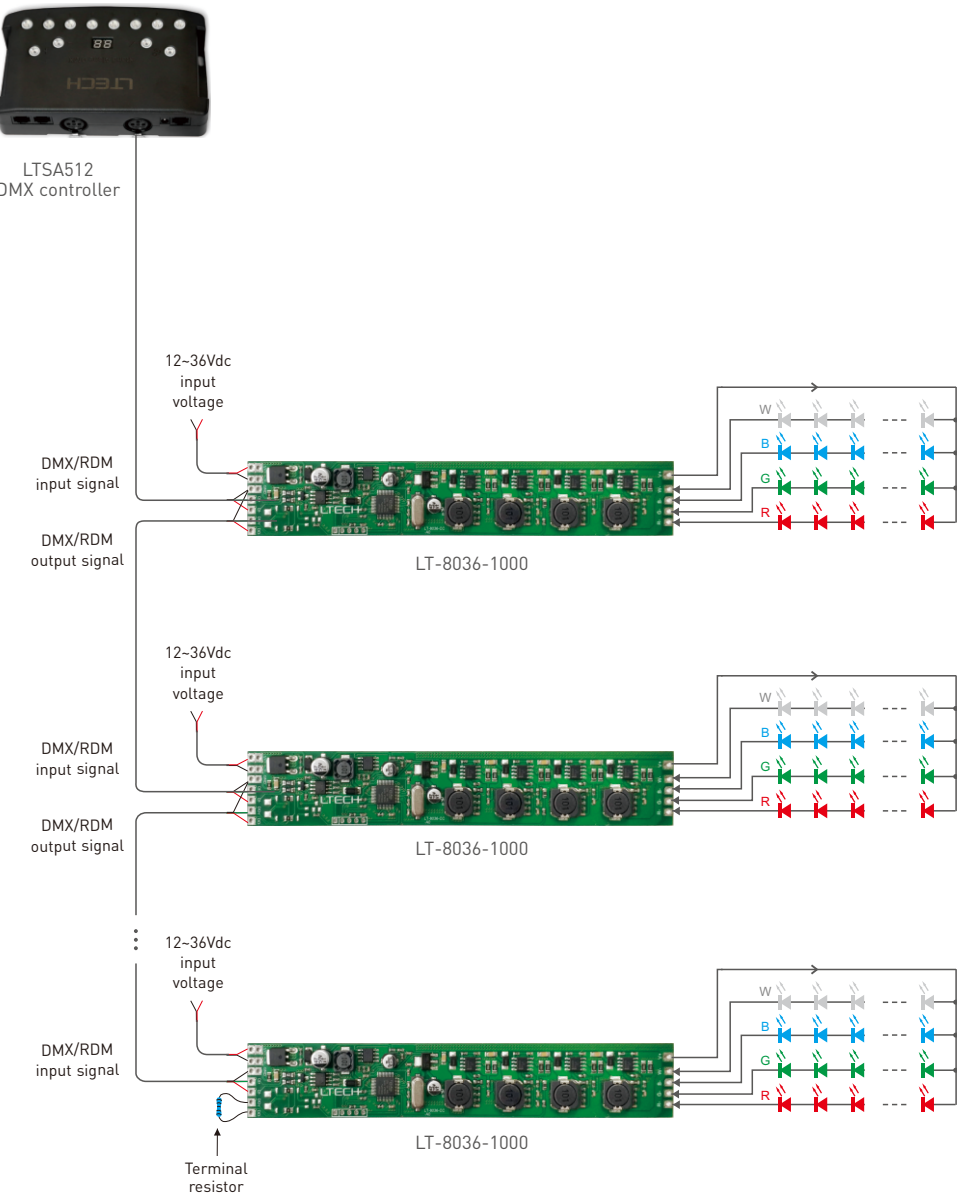
Unit: mm



3. Terminals:

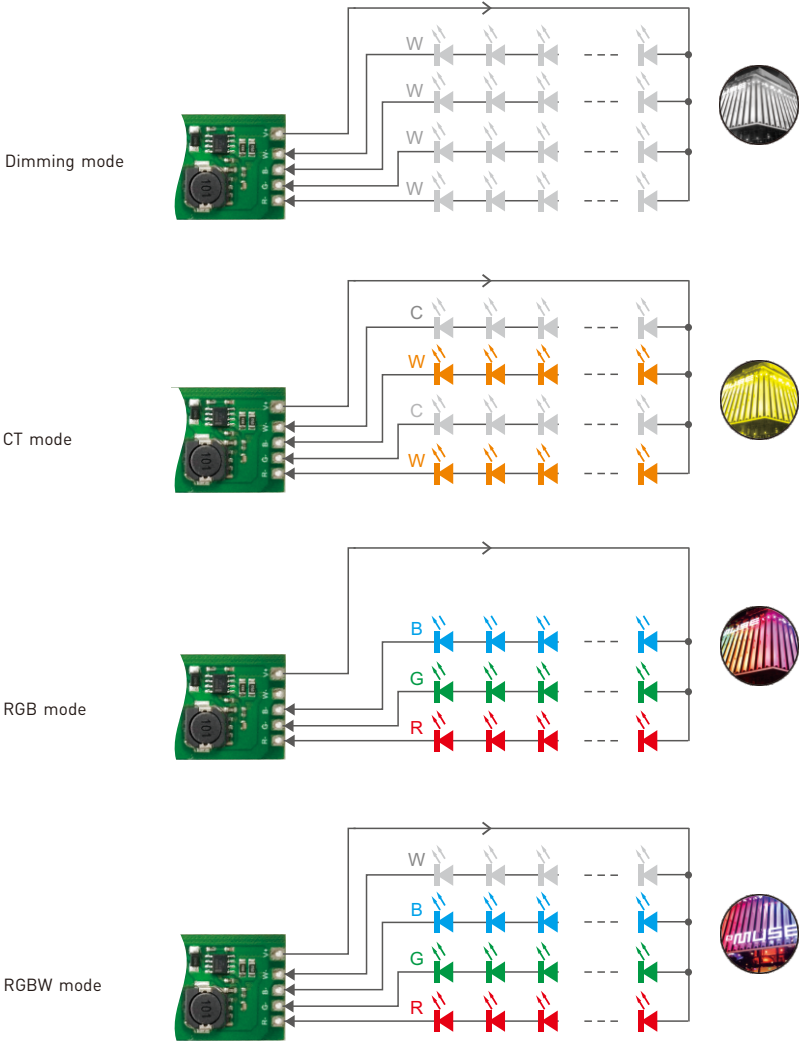


4. Wiring diagram:



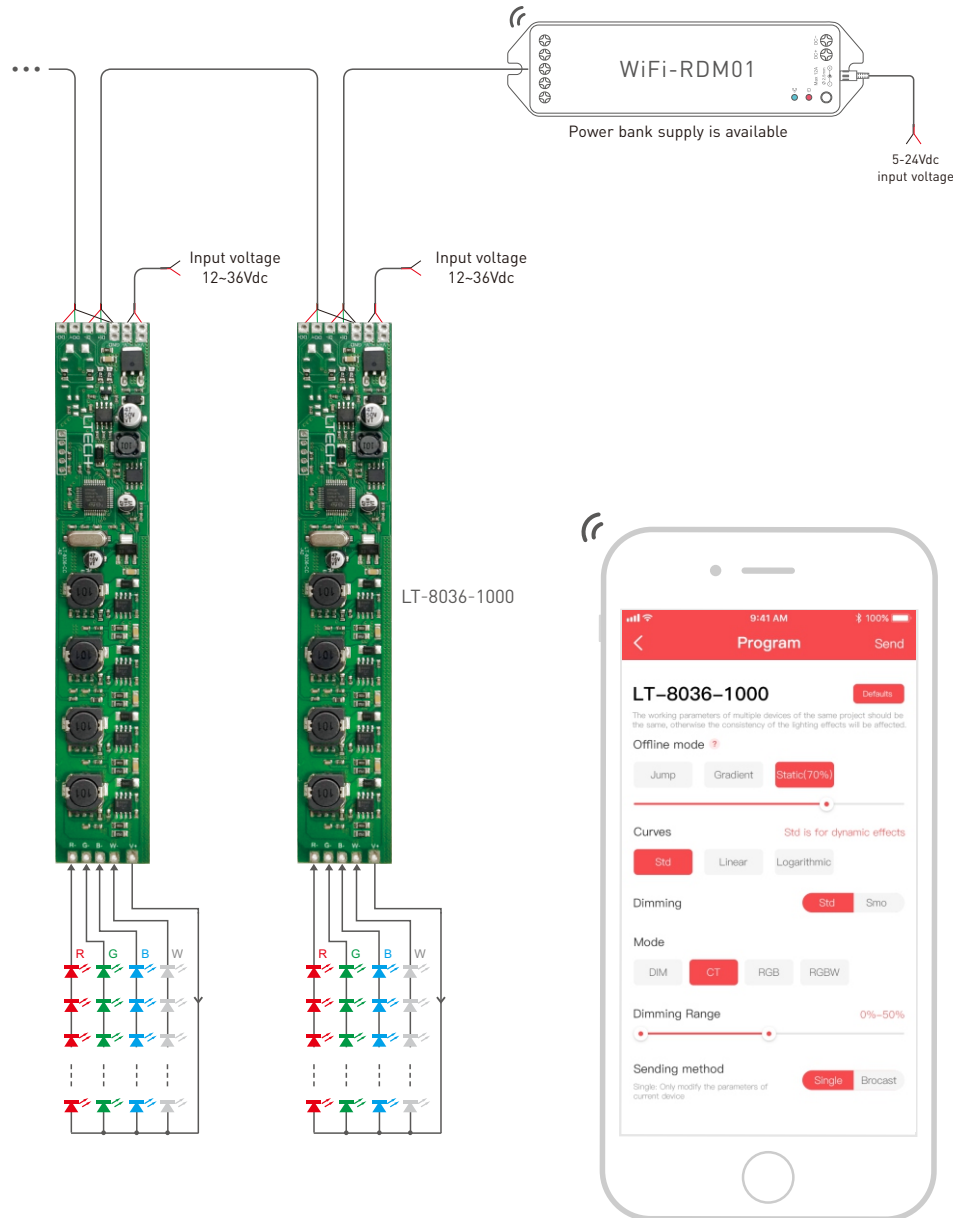
Address setting table

Mode	DIM	CT	RGB	RGBW
Address quantity	1	2	3	4
Channel 1	001	001	001	001
Channel 2	001	002	002	002
Channel 3	001	001	003	003
Channel 4	001	002	003	004



5. Work with RDM editor:

LT-8036-1000 can work with LTECH RDM editor (Model: WiFi-RDM01) to realize changing the parameters and firmware by long-range setting, more details, please check the manual of WiFi-RDM01.



6. Attention:

- 6.1 The product shall be installed and serviced by the qualified person.
- 6.2 This product is non-waterproof. Please avoid the sun and rain. When installed outdoors please ensure it is mounted in a water proof enclosure.
- 6.3 Good heat dissipation will prolong the working life of the controller. Please ensure good ventilation.
- 6.4 Please check if the output voltage of the LED power supply used comply with the working voltage of the product.
- 6.5 Please ensure that adequate sized cable is used from the controller to the LED lights to carry the current. Please also ensure that the cable is secured tightly in the connector.
- 6.6 Ensure all wire connections and polarities are correct before applying power to avoid any damages to the LED lights.
- 6.7 If a fault occurs, please return the product to your supplier. Do not attempt to fix this product by yourself.

7. Warranty Agreement:

7.1 We provide lifelong technical assistance with this product:

- A 5-year warranty is given from the date of purchase. The warranty is for free repair or replacement if cover manufacturing faults only.
- For faults beyond the 3-year warranty, we reserve the right to charge for time and parts.

7.2 Warranty exclusions below:

- Any man-made damages caused from improper operation, or connecting to excess voltage and overloading.
- The product appears to have excessive physical damage.
- Damage due to natural disasters and force majeure.
- Warranty label, fragile label and unique barcode label have been damaged.
- The product has been replaced by a brand new product.

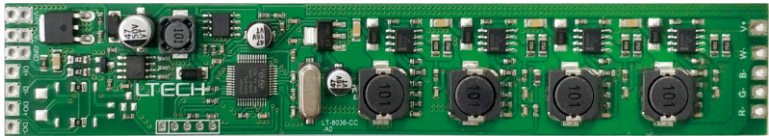
7.3 Repair or replacement as provided under this warranty is the exclusive remedy to the customer. We shall not be liable for any incidental or consequential damages for breach of any stipulation in this warranty.

7.4 Any amendment or adjustment to this warranty must be approved in writing by our company only.

★ This manual only applies to this model. We reserve the right to make changes without prior notice.

* No further notice if any changes in the manual.
Product function depends on the goods.
Please feel free to contact your supplier if any question.

LT- 8036-1000 DMX/RDM恒流解码板



LT-8036-1000是一款专门为DMX512大功率洗墙灯、投光灯设计的内置式恒流驱动器。可控制单色、双色、RGB、RGBW的LED灯具。

具有标准RDM远程设备管理功能，无需另加编码线，便可搭配WIFI-RDM01产品通过手机APP远程设置每条DMX总线上所有LT-8036-1000相关参数，包括地址配置、调光范围和调光模式的设置，固件更新等。

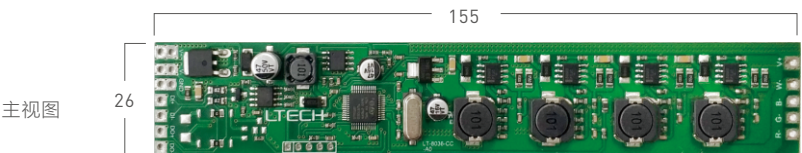
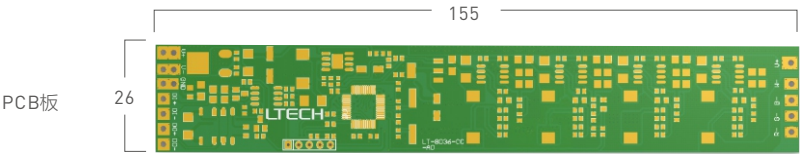
提供脱机同步模式，内置3种模式花样，当无DMX信号时，一段时间内DMX总线上的设备将同步播放预设的模式花样，为小型化系统提供可行性方案选择。

一、产品参数

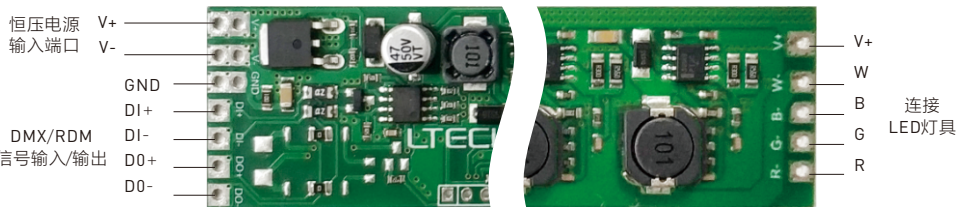
产品型号:	LT-8036-1000	控制模式:	调光/色温/RGB/RGBW
产品名称:	DMX/RDM恒流解码板	保护:	短路、过载、防反接
输入信号:	DMX512, RDM	脱机模式:	静态白色、跳变、渐变
输入电压:	12~36Vdc	工作温度:	-30°C~65°C
输出电压:	7.5~33Vdc	储存温度:	-60°C~150°C
输出电流:	1000mA(Max)×4路 (订货时注明电流, 可选 择电流范围为250mA-1000mA, 默认1000mA)	产品尺寸:	L155×W26×H10mm
输出功率:	[0~7.5...33W] × 4路 Max. 132W	重量(净重):	30克
调光范围:	0~100%		

二、产品尺寸

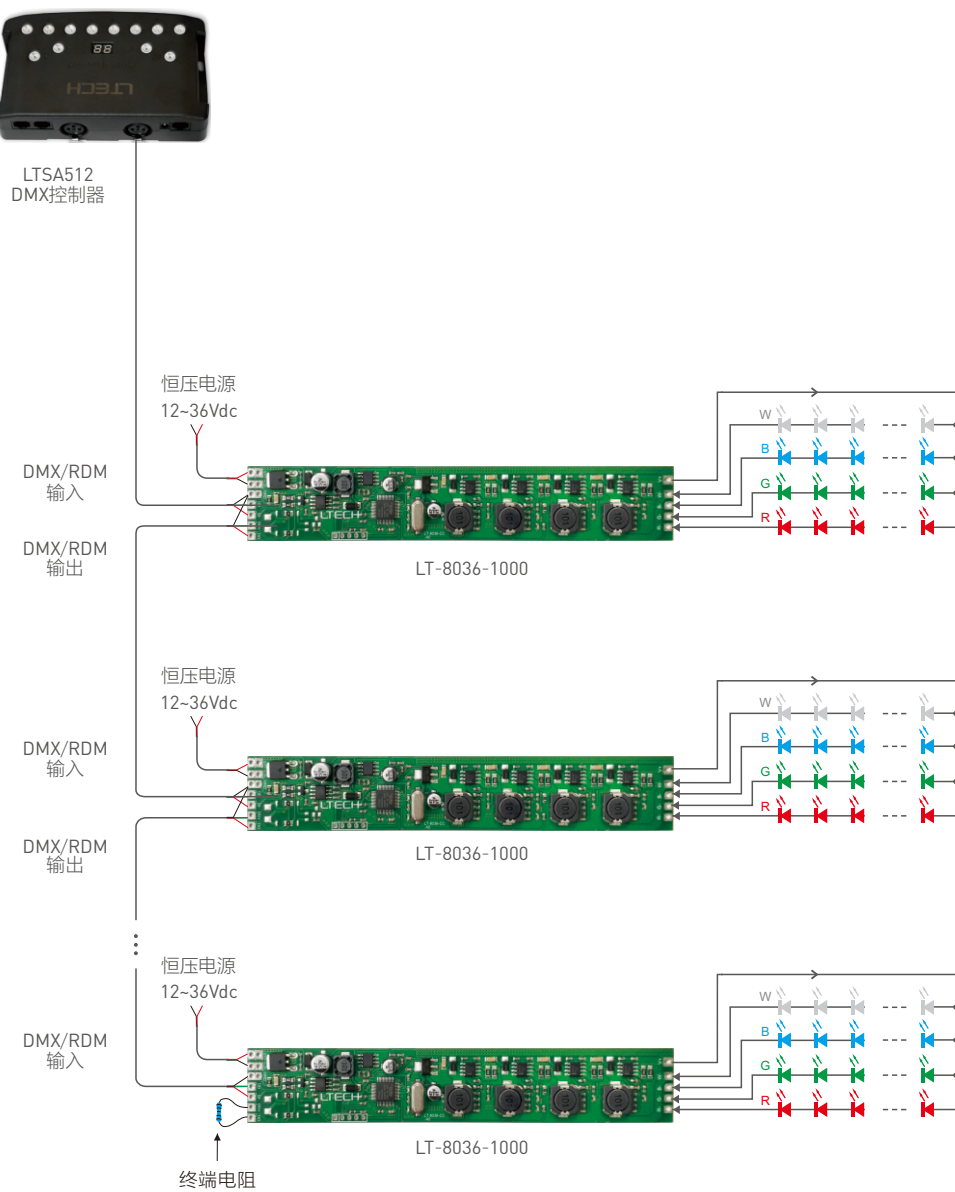
单位: mm



三、端子描述

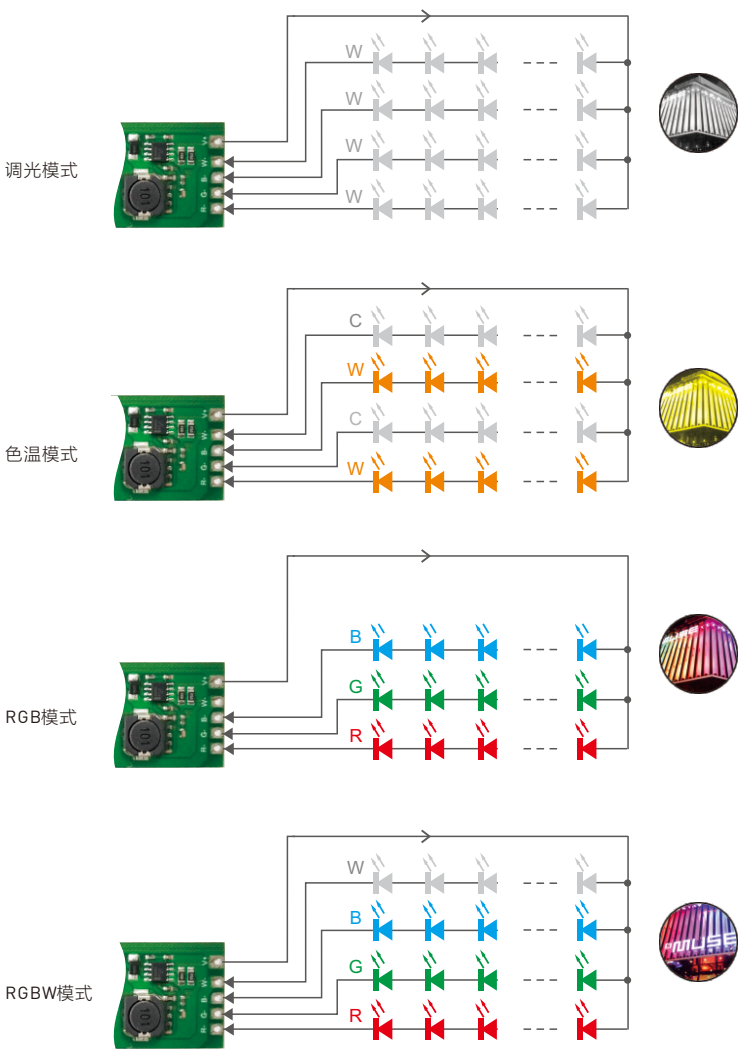


五、连接示意图



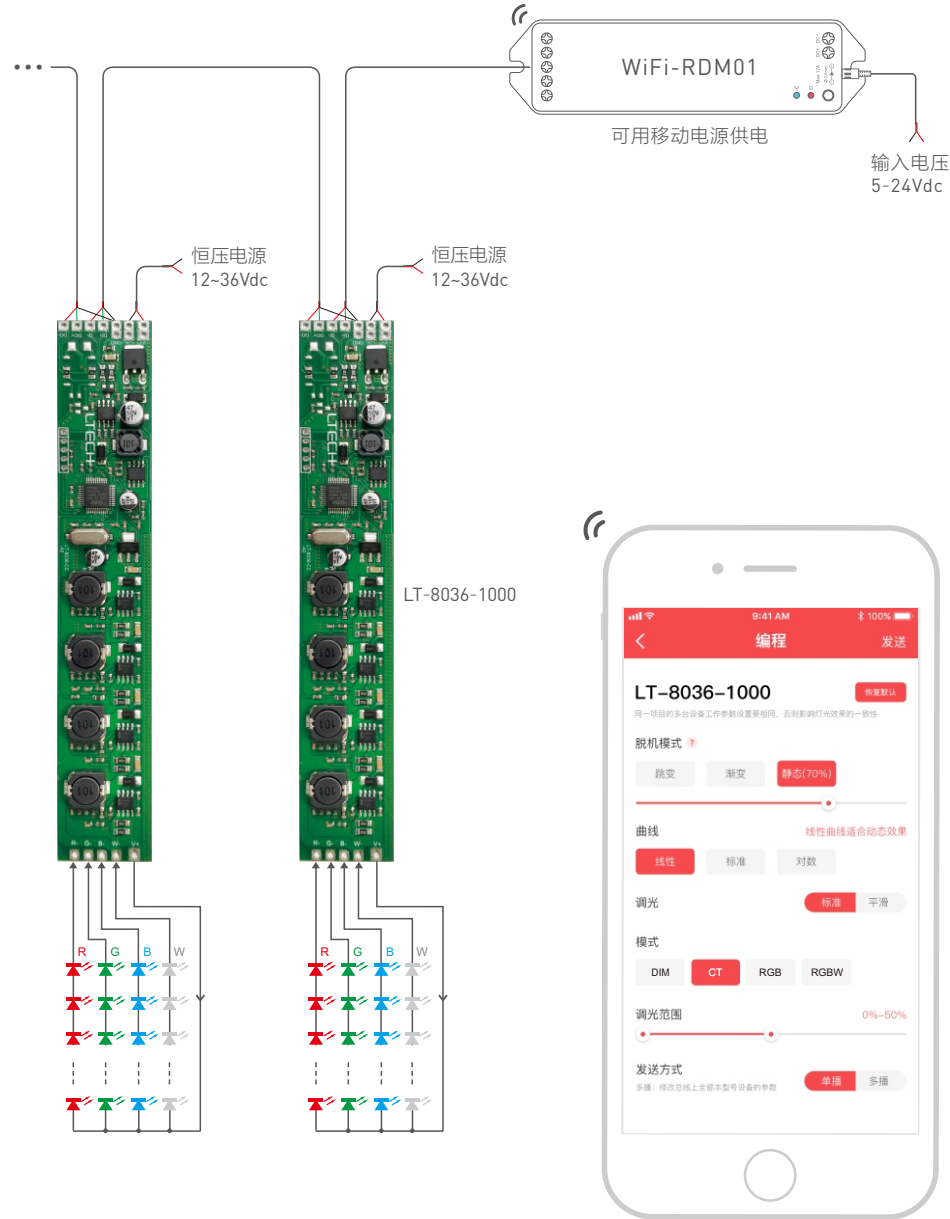
模式地址设置表

模式	DIM	CT	RGB	RGBW
地址数量	1	2	3	4
通道1	001	001	001	001
通道2	001	002	002	002
通道3	001	001	003	003
通道4	001	002	003	004



六、与RDM编辑器配合使用

LT-8036-1000可以与我司RDM编辑器（型号WiFi-RDM01）配合使用，以实现通过APP设置LT-8036-1000参数及固件升级等功能，具体请参看WiFi-RDM01的使用说明书。



七、注意事项

- 7.1 本产品请由具有专业资格的人员进行调试安装。
- 7.2 本产品不能防水，需避免日晒雨淋，如安装在户外，请用防水箱。
- 7.3 良好的散热条件会延长LED控制器的使用寿命，请把产品安装在通风良好的环境。
- 7.4 请检查使用的LED电源输出电压是否符合产品电压范围要求。
- 7.5 使用的电线直径大小必须能足够负载连接的LED灯具，并确保接线牢固。
- 7.6 通电调试前，应确保所有接线正确，避免因接线错误而导致灯具损坏。
- 7.7 如果发生故障，请勿私自维修；如有疑问，请联系供应商。

八、保修协议

- 8.1 购买雷特LED控制器产品享受终身技术支持和保修服务：
 - 免费保修：自购买之日起3年内出现产品质量问题雷特将给予免费修理或更换服务。
 - 有偿保修：超过免费保修期的产品收取适当的维修材料成本费用。
- 8.2 以下情况不在免费保修或更换服务范围之内：
 - 过高电压、超负载、操作不当等人为造成的损坏；
 - 产品外形严重损坏或变形；
 - 自然灾害以及人力不可抗拒原因造成的损坏；
 - 产品保修标签和产品唯一条形码损坏。
 - 产品已经更新换代。
- 8.3 修理或更换是雷特对客户起的唯一补救措施。雷特不承担任何附带引起的损害赔偿。
- 8.4 只有雷特享有修正或调整本保修条款的权利，并以书面形式发布认定为准。

* 本说明书的内容如有变更，恕不另行通知。
若内容与您使用的功能有所不同，则以实物为准。
如有疑问，请与供应商联系。