

Introduction 介绍

- Components : LED Linear Tube 1pcs, Installation Manual 1pcs
组件: LED灯管1支, 说明书一份
- Operating Temperature : 10-30 °C, <95% humidity
使用温度: 10度—30度, 湿度小于95%
- The product which can replace the 36W fluorescent lamp
产品可以替换36W荧光灯
- The product used at dry conditions / with the fixture which can protect it
产品用在干燥的环境或灯具对产品可以起到保护作用
- Input Wattage:16.5W, Input Current:74mA; Input Voltage:AC220-240V, 50/60Hz; Not Dimmable
输入功率:16.5W ; 输入电流: 74mA ; 输入电压: AC220-240V, 50/60Hz; 不可调光



16.5W	SI-L8V17212ACN	D28x L1213.3mm	3000K
16.5W	SI-L8R17212ACN	D28x L1213.3mm	5000K
16.5W	SI-L8P17212ACN	D28 x L1513.3mm	6500K

Safety Information 安全说明

- Installation should only be conducted by a qualified electrician in accordance with any relevant local codes.
只能由有资质的电工按照当地的安全规定安装。
- Disconnect the power at the breaker panel before opening the fluorescent fixture.
在打开荧光灯灯具之前必须把电源总闸断电。
- The LED lamp tubes work only with modification of original luminaire and safety, EMC must be re-evaluated after the modification together with the new LED tube.
LED灯管和传统灯具一起使用只能满足安全要求, 而改装后灯具和新的LED灯管一起EMC必须重新评估。
- **WARNING** – Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED Linear Tube.
警告: 有火或电击的危险; 为安装灯管而进行的钻孔可能会损坏灯具的线路和元件。
- **WARNING** – Risk of fire or electric shock. LED Linear Tube installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
警告: 有火或电击的危险; 安装LED灯管需要有关灯具线路系统知识; 如果没有, 不要尝试安装, 需要专业电工安装。
- **WARNING** – To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
警告: 为了防止电线损坏或绝缘皮损坏, 不要把电源线暴露在金属片边缘或锋利的物体。
- **WARNING** – Any constructive change of the luminaire in case of applying retrofit LED lamps shall not be permitted. It is not allowed to knock down or replace devices randomly.
警告: 使用LED灯时, 不准对灯具的构造做任何改变。不可随意拆卸、更换器件。
- **WARNING** – The following warning marking shall be visibly observed when replacing lamps.
警告: 下面的警告标识在换灯时一定要能清楚的看到。

WARNING – ONLY REPLACE WITH SAME TYPE OF LED TUBE! RISK OF ELECTRICAL SHOCK !

DO NOT DIRECTLY USE CONVENTIONAL FLUORESCENT LAMP!

警告: 被改装后的灯具能用同类型的LED灯管替换; 有火或电击的危险; 被改装过的灯具不能直接使用传统的荧光灯管

Installation 安装

- 1 Before opening, verify that power at the breaker box is off and check that the voltage rating of the product matches the voltage of the fixture circuit. **Improper voltage matching can result in performance degradation and/or physical damage to the product.**

打开之前，先确定电源总闸已断电，而且产品的额定电压要与灯具电路相匹配。电压不匹配会导致性能降低/会对产品本身造成损害。

- 2 Remove the linear fluorescent tubes and recycle per guidelines.

Note: During retrofit, become familiar with all fixture components shown in **Figure 1**.

拿掉直管荧光灯后按照操作指南进行回收处理。

注意：在进行替换时，要熟悉图1显示的所有灯具部件。

- 3 Remove ballast cover to access wireway.

拿掉镇流器盖子，检查导线。

- 4 Identify the hot and neutral wires coming from the breaker box to the ballast and test using a voltmeter to confirm power is off.

鉴定出电源盒里面的火线和零线，并用万用表测试，确认处于断电状态。

- 5 If there is a "luminaire disconnect connector" connected to the hot and neutral wires, follow 5a, if not follow 5b.

如果有“灯具短路器”连接到火线和零线上，按照5a操作，否则按照5b操作。

a Disconnect the "luminaire disconnect connector" on the hot and neutral wires. Cut the hot and neutral wires at the ballast and keep the remaining wire with the attached "luminaire disconnect connector".

断开连接火线和零线之间的“灯具短路器”。切断镇流器里面的火线和零线，并保留剩下的线。

b Cut the hot and neutral wires at the ballast.

切断镇流器里面的火线和零线。

- 6 Cut all remaining wires to remove the ballast for recycling.

※ Refer to **Guideline** for proper ballast recycling.

切断所有剩下的线，拿掉镇流器，并进行回收处理。

※ 参照操作指南进行恰当的镇流器回收处理。

- 7 Connect the each lampholder wires as shown in **Figure 3**.

按照图3进行灯座电源线连接。

- 8 Reinstall the wireway cover. Take care not to pinch, crimp, or bind wires.

重新装上线路盒盖子。注意不能夹住、卷曲、缠绕电线。

- 9 Install the LED Linear tubes in the same manner the fluorescent tubes were removed (**Figure 4**).

按照图4进行LED灯管的安装。

- 10 Replace fixture cover in the same manner it was removed.

重新装上灯具盖。

- 11 Turn power on at breaker box and check for proper operation.

总闸通电，检查安装是否正确。

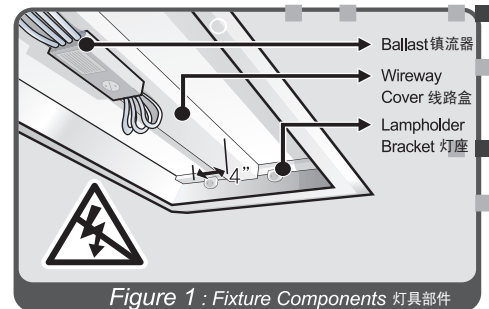


Figure 1 : Fixture Components 灯具部件

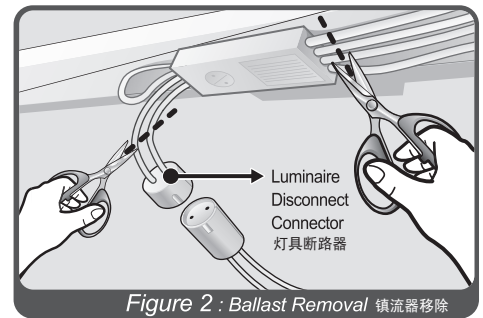


Figure 2 : Ballast Removal 镇流器移除

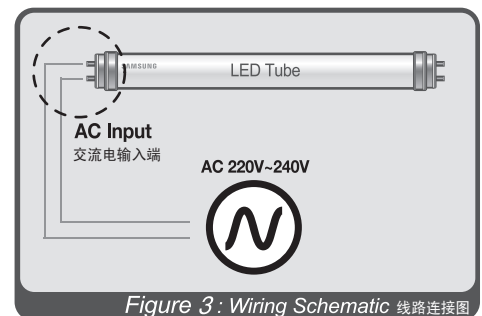


Figure 3 : Wiring Schematic 线路连接图

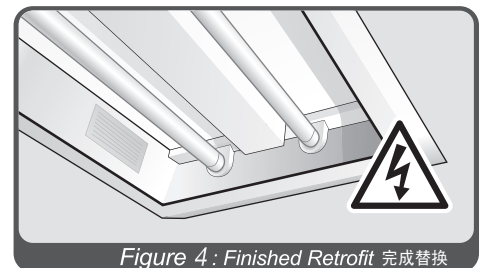


Figure 4 : Finished Retrofit 完成替换