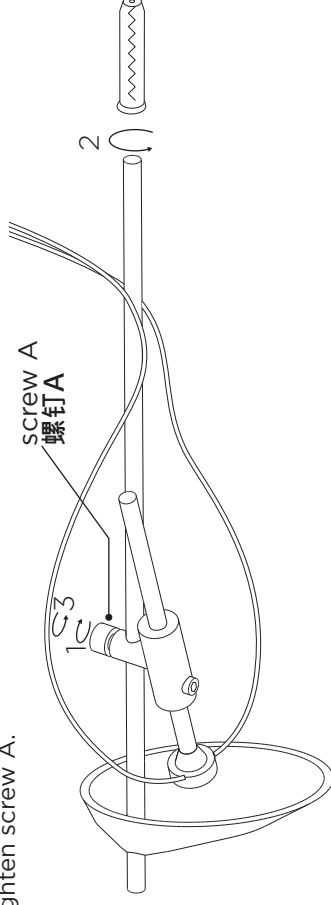


Figure A. How to install the light element

1. Slightly loosen screw A.
2. Screw the rod into the wall anchor until it is securely fastened.
3. Tighten screw A.

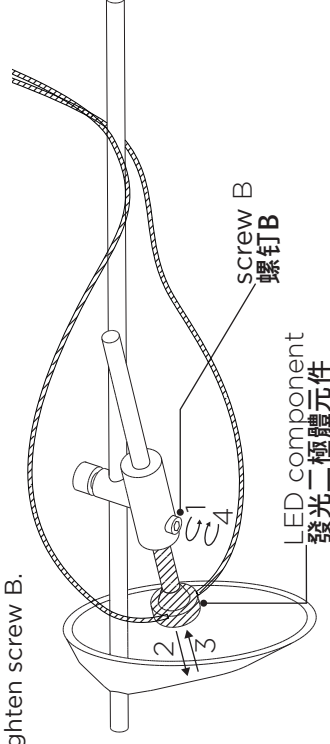


图A. 如何安装光源元件

1. 稍微拧松螺钉A。
2. 将杆子旋入墙锚直至牢固固定。
3. 拧紧螺钉A。

Figure B. How to replace the LED

1. Unscrew screw B (use 1.5 hex key).
2. Remove the LED, including the metal support and electrical wires.
3. Insert the new part.
4. Tighten screw B.

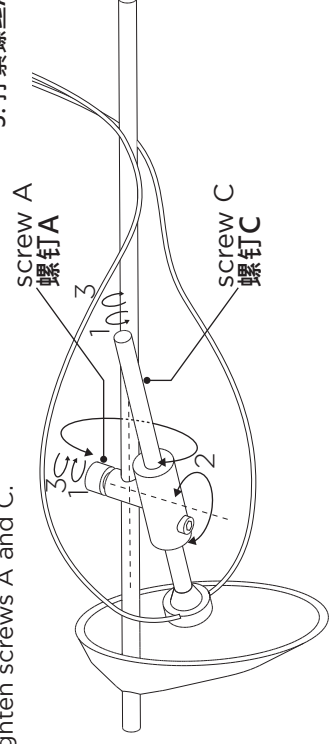


图B. 如何更换发光二极管

1. 拧下螺钉B（使用1.5毫米内六角扳手）。
2. 拆下LED灯组件，包括金属支架和电线。
3. 安装新部件。
4. 拧紧螺钉B。

Figure C. How to adjust the light direction

1. Slightly loosen screws A and C.
2. Rotate the lamp holder on the two axes to correctly direct the light.
3. Tighten screws A and C.



图C. 如何调节光照方向

1. 稍微松开螺丝A和C。
2. 沿两个轴向旋转灯座，使光线方向正确。
3. 拧紧螺丝A和C。



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LUDONICO GRANTALIANO \ MADRE a r i a

## DESCRIPTION:

MADRE *aria* is a modular lighting installation consisting of three different elements:

- Lighting element
- Hub

-Power supply

Power Supply Specifications:

Input AC 100-240V ~ 50-60Hz

Output DC 3.3V 1A

## WARNINGS:

-MADRE *aria* is a handcrafted work of art by Ludovico Grantaliano.

-Do not connect more than 15 light elements to the same power supply.

-Do not clean the outside of the power supply with solvent- or alcohol-based products.

-Do not tamper with the power supply or insert anything inside it, as there is a risk of electric shock due to high voltage.

## WHAT YOU NEED FOR

### INSTALLATION:

-Phillips screwdriver.

-Thin Phillips screwdriver (max.3 mm)

-Wall drill.

-4 mm wall drill bit.

### INSTALLATION:

This is the version of MADRE *aria* designed for surface mounting, so it needs a wall to be installed.

All the elements that make up the

### 描述：

MADRE *aria* 是一款由三个不同组件构成的模块化照明装置：

- 照明元件
- 集线器
- 电源供应器

电源规格：

输入交流 100-240V ~ 50-60Hz

输出直流 3.3V 1A

### 警告：

- MADRE *aria* 是 Ludovico Grantaliano 手工制作的艺术品。
- 请勿将超过15个照明元件连接至同一电源供应器。
- 请勿使用溶剂或酒精类产品清洁电源外部。
- 严禁擅自拆解电源或向内部插入任何物品，因高压环境存在触电风险。

### 安装所需工具：

- 十字螺丝刀
- 细十字螺丝刀（最大3毫米）
- 墙面钻机
- 4毫米墙面钻头

### 安装说明：

此款MADRE *aria*为表面安装设计，需固定于墙面。

所有组件均通过配套的4x20墙锚，使用4毫米孔径进行安装。

灯具安装需单个墙锚，电源适配器需两个间距10厘米的墙锚，集线器需两个间距8.75厘米的墙锚。注意：请参照说明书标尺标记孔位中心距。

installation are mounted with 4 mm holes using the 4x20 wall anchors provided.

The lights require a single anchor to be mounted, while the power supplies require two wall anchors 10 cm apart and the hubs require two wall anchors 8.75 cm apart. CAUTION: Use the scale shown in these instructions to mark the center distance between the holes.

### LIGHT INSTALLATION:

After drilling the 4 mm hole, insert the wall anchor into the hole. Before inserting the light element, slightly loosen the screw as shown in the Figure A, so that the rod can rotate freely. Now insert the rod into the wall anchor, pushing it all the way in, and turn it at least two times clockwise until it is securely fastened.

### HUB INSTALLATION:

After drilling the holes at the distances indicated in these instructions, tighten the two screws provided until the element is secured to the wall.

### POWER SUPPLY INSTALLATION:

After drilling the holes at a distance of 10 cm as indicated in these instructions, tighten the two screws that secure the power supply to the wall. CAUTION: use a thin Phillips screwdriver (max 3 mm) so that it can be inserted into the hole on the tube in front of the screw head.

### 灯具安装：

钻出4毫米孔洞后，将墙锚插入孔中。安装灯体前，请如图A所示稍松螺丝，使杆件可自由旋转。将杆件插入墙锚并完全推入，顺时针旋转至少两圈直至牢固固定。

### 集线器安装：

按说明指示间距钻孔后，拧紧随附的两颗螺丝直至组件牢固固定于墙面。

### 电源装置安装：

按说明书标注间距钻孔后，拧紧两颗固定螺丝将电源装置锁定于墙面。注意：需使用细十字螺丝刀（最大3毫米），以便插入螺钉头前方管体上的孔洞。

### 线缆连接：

完成各部件组装后，需进行线缆连接。电源线与灯具线均可连接至集线器任意端口。此外，可使用随附线缆将多个集线器相互连接。

连接线缆至集线器时仅需轻微按压，断开连接时则需施加轻微拉力。

### LED更换：

若光源（LED）故障，可使用1.5毫米内六角扳手拧松沉头螺钉，取出带金属支架及线缆的LED组件，更换新件（见图B）。

### 光束方向调节：

每个灯具均采用双轴调节设计，可实现光源在两个轴向旋转，从而精准定位至任意角度。

如图C所示，通过轻微松开两个专用螺丝进行双向调节，定位完成后重新拧紧即可。

## WIRE CONNECTION:

Once the various elements have been assembled, the wires must be connected. The wire coming from the power supply and the one going to the lights must be connected to any port on the hub. In addition, multiple hubs can be connected to each other using the wires provided.

Only slight pressure is required to connect the wires to the hub, and slight pulling force is required to disconnect them.

## LED REPLACEMENT:

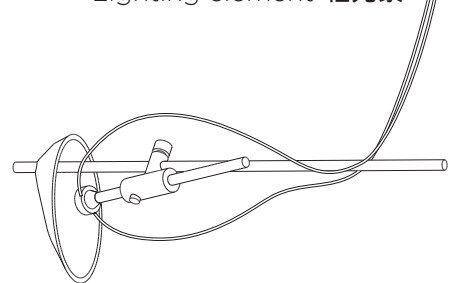
If the light source (LED) malfunctions, it can be replaced by loosening the grub screw with a 1.5 mm hex key (Allen key), removing the LED with its metal support and cables, and replacing it with a new one (Figure B).

## LIGHT DIRECTION ADJUSTMENT:

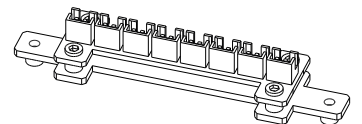
Each light element is designed to have a double adjustment that allows the light source to rotate on two axes and therefore be positioned perfectly at any point.

The two adjustments are made by slightly loosening the two special screws as shown in Figure C, and once the desired position has been found, tightening these two screws again.

Lighting element 轻元素



Hub 集线器



Power supply 电源

