



## COB Linear Lamp Aluminum Trough with 10mm Depth and SMD5630 Bead Model

### Our Product Introduction

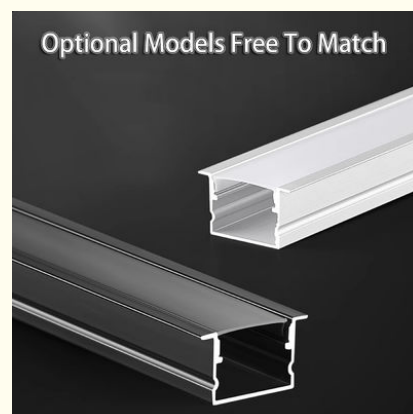
#### Basic Information

- Place of Origin: SHENZHEN CHINA
- Brand Name: YSENLED
- Certification: CE ROHS LVD EMS
- Model Number: YS-R30X3528RA-F3
- Minimum Order Quantity: 10
- Price: Negotiable
- Packaging Details: 10\*10\*100
- Delivery Time: 2days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 100,000 meters per week



#### Product Specification

- Product Description: 10mm Deep Aluminum LED Profile Without Flange Option 1), PMMA Opal Matte Diffuser 2), PMMA Semi-clear Matte Diffuser 3), PMMA Clear Diffuser
- Lamp Bead Model: SMD5630
- Service: Custom
- Led Chips: High-power
- Pcb: Aluminum
- Voltage: 12V
- Size: 1m
- Type: LED Aluminium Profile
- Price Range: From A Few Yuan To Dozens Of Yuan
- Led Qty: 72LED/M
- Radiation: No Ultraviolet And Infrared Radiation
- Installation Accessories: Fixing Clips, Covers, End Caps, Etc.
- Product: Led Aluminium Profile



#### More Images



## Product Description

**COB Linear Light Embedded Strip Aluminum Groove LED Linear Light Aluminum Alloy Light Groove Pre-buried Ceiling Aluminum Product** is a lighting solution that combines efficient light sources with high-quality materials and is widely used in interior decoration and lighting fields. The following is a detailed introduction to the product:

### 1. Definition and Use

COB Linear Light Embedded Strip Aluminum Groove LED Linear Light is a lighting product that uses COB (Chip On Board) packaging technology for LED light sources, combined with aluminum alloy light grooves and aluminum lamp body designs. It is mainly used for embedded installation in indoor ceilings, walls, display cabinets and other places, providing uniform and soft lighting effects, while also having good decorative properties.

### 2. Main Features

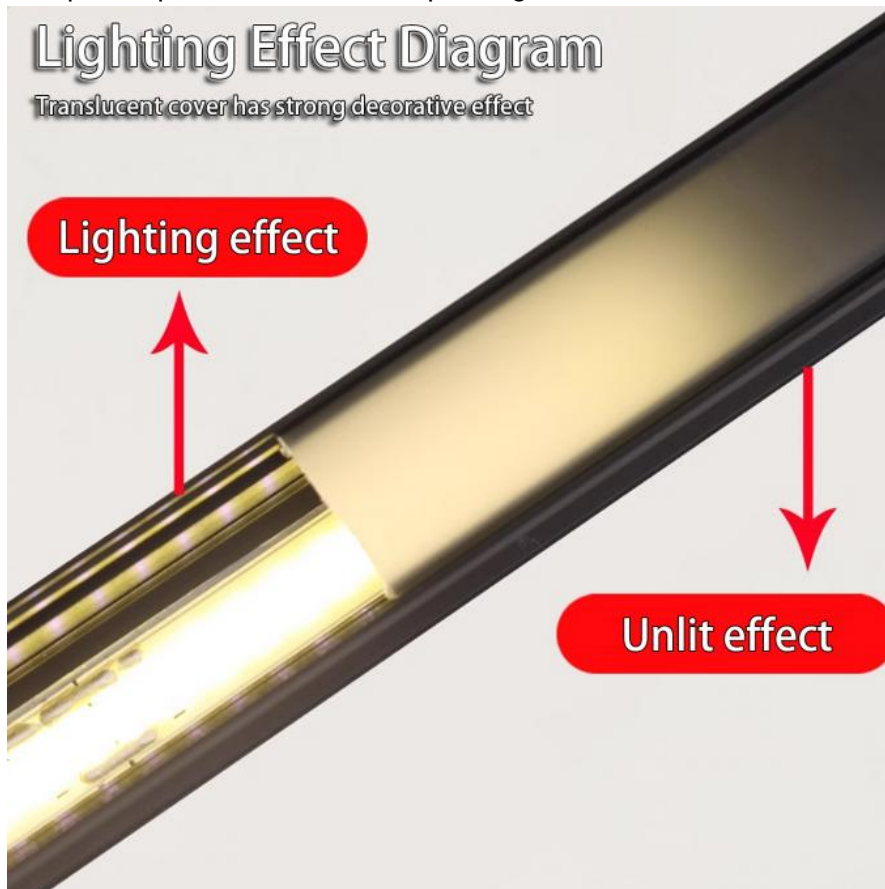
**High efficiency and energy saving:** It uses high-brightness, low-energy LED light sources, with significant energy-saving effects.

**Uniform light:** Through the optimized design of the aluminum groove and the lamp body, the light is evenly distributed, reducing light spots and shadows.

**Beautiful and generous:** The aluminum alloy material has a simple and generous appearance and is easy to match with various interior decoration styles.

**Easy installation:** The embedded design makes installation easier and faster, while saving space.

**Durable and reliable:** The aluminum alloy lamp trough and lamp body have good heat dissipation performance, which prolongs the service life of the LED light source.



### 3. Product specifications and parameters

#### **1. Light source type**

COB LED light source, with high color rendering (such as Ra95) and a variety of color temperatures (such as 3500K, 4000K, etc.).

#### **2. Power and voltage**

A wide range of power, such as 10W, 20W, etc., to meet different lighting needs.  
The input voltage is usually low-voltage DC (such as 12V, 24V), which is safe and reliable.

### **3. Size and material**

The aluminum trough and lamp body are made of high-quality aluminum alloy with good heat dissipation and corrosion resistance.

The sizes are varied and can be customized according to actual installation requirements.

### **4. Lighting angle and beam angle**

The light angle and beam angle are determined according to the specific product design, such as a 180° light angle, providing a wide lighting range.

### **5. Protection level**

Usually has a higher protection level (such as IP55), suitable for use in a variety of environmental conditions.

### **4. Application scenarios**

#### **1. Home decoration**

Ceiling lighting in living rooms, dining rooms, bedrooms and other spaces creates a warm and comfortable home atmosphere.

#### **2. Commercial space**

Wall and display cabinet lighting in shopping malls, supermarkets, hotels, exhibition halls and other places enhances brand image and display effect.

#### **3. Office space**

Lighting in offices, conference rooms and other areas provides a bright and efficient working environment.

#### **4. Installation and maintenance**

##### **(1). Installation steps**

Determine the installation position and size of the aluminum groove and lamp body according to the installation location and design requirements.

Slot or punch holes in the ceiling or wall to install the aluminum groove and lamp body.

Connect the power cord and control line to ensure that the circuit connection is correct.

Test the lighting effect and adjust the position and angle of the light source to achieve the best lighting effect.

##### **(2). Maintenance**

Regularly check whether the circuit connection is firm and reliable to prevent malfunctions caused by looseness or short circuit.

Clean the dust and dirt on the surface of the aluminum groove and the lamp body to maintain the beauty and brightness of the lighting effect.

If the light source brightness is reduced or malfunctions, the light source should be replaced or repaired in time.

## Scenario Shows



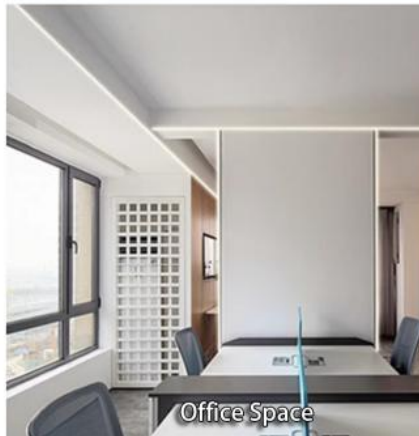
Front desk lobby



Aisle



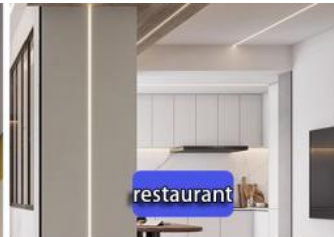
Wall



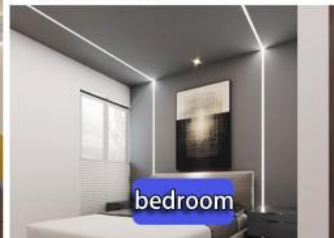
Office Space



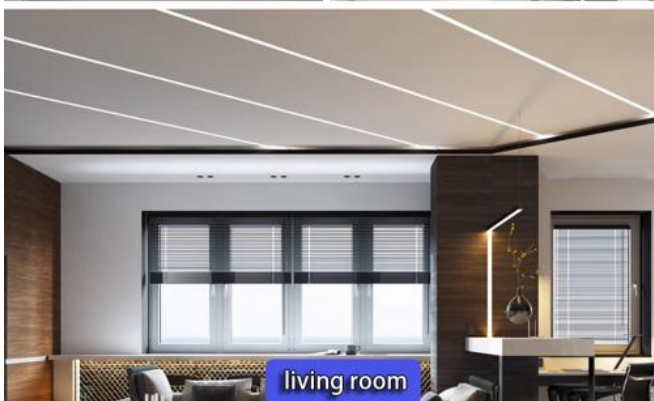
Aisle



restaurant



bedroom



living room

## Scene Effect Display

Minimalism

Personalization

Modernization

Business Style

Simple

Evenly bright

Multiple scenes

Various styles

### 5. Summary

COB linear lamp embedded strip aluminum trough LED linear lamp aluminum alloy lamp trough embedded ceiling aluminum products have a wide range of application prospects in the field of indoor lighting due to their high efficiency and energy saving, uniform light, beautiful appearance, convenient installation and durable and reliable characteristics. With the continuous advancement of LED lighting technology and consumers' pursuit of high-quality life, this product will receive more attention and love.



**SHENZHEN YSENLED LIGHTING CO.,LTD**



[lyzylight@gmail.com](mailto:lyzylight@gmail.com)



[led-stripslights.com](http://led-stripslights.com)

2F, Building 3, Ruibang Industrial , No.8 Laocun Road, Tangtou, Shiyan, Bao'an District, Shenzhen,  
Guangdong, China