

**Thanks for choosing our products, in order to protect your consumption right and personal safety, please read this instruction carefully before uses and keep this as the future reference.**

### **Attention:**

- Before installing the luminaire, please check whether the rated voltage of the luminaire is consistent with the voltage of the wiring power supply to avoid damage to the luminaire due to voltage inconsistency.
- Touching these parts without disconnecting the power supply may cause an electric shock. So, installation must be done by professional electrician.
- Please ensure the power has been cut off before installation, in order to prevent the electric shock, make sure the power supply that can't be resumed by anybody before the job done.
- Keep the surface of the lamp housing and transparent parts clean to ensure good light transmission.
- Plastic materials are used in some parts of the spotlight. Applying organic solvents (such as benzene), or other chemicals for cleaning may cause deformation or discolouration. Clean the device gently, using a soft dry cloth.
- Each fixing screw must be tightened when installing.
- The cable entry line should be fixed and prevented from pulling the wire and damaging the lamp.
- Avoid collision with hard objects to avoid scratches.
- Do not spray or pour water on the unit, this may cause an electric shock.
- Do not install the unit in locations subject to high and/or low temperatures (this may damage the LED lamp).
- The maintenance should be done by the professional. The luminaire must be grounded reliably and non-professionals must not disassemble the luminaire.
- The front-end power supply must be cut off during installation. The power supply must be cut off when repairing or replacing parts.
- The defective ballast could not be treated as the normal rubbish and should be returned and make use of the normal parts.
- Regarding the repair of the equipment contact Technical Support.

Dongguan Fitlight Lighting Co.,Ltd.

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FEITL  
 东莞市菲特莱照明有限公司  
 DONGGUAN FITLIGHT LIGHTING CO.,LTD

# OEM/ODM

## Professional Lighting Product Manufacturer

1. 14+ Years of Industry Leadership
2. Full Customization (OEM/ODM)
3. Certified Excellence: Globally recognized certifications (CE, RoHS, SAA, etc.)
4. Energy-Efficient & Sustainable Solutions
5. Competitive Pricing & Fast Turnaround
6. Dedicated R&D & Continuous Innovation

<h1>14<sup>+</sup></h1> <p>Production experience</p>	<h1>3000<sup>+m<sup>2</sup></sup></h1> <p>Factory space</p>	<h1>50<sup>+</sup></h1> <p>Patent certificate</p>
<h1>100<sup>+</sup></h1> <p>Projects</p>	<h1>10000<sup>+pcs</sup></h1> <p>Daily output value</p>	<h1>100<sup>+</sup></h1> <p>Service country</p>



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### Features and Benefits

- Light source: San'an SMD LED
- Long LED life: More than 50,000 hours
- Low heat, less than 60°C
- No UV or IR light radiation
- No mercury or other inorganic
- Homogeneous flood illumination
- Machined aluminum heat fins with excellent thermal efficiencies
- The LED down light is available in the following white color temperatures:  
2700/3000/4000/5000/6000K
- 5 years limited warranty
- Works with worldwide lighting systems  
110VAC/220VAC



**Surface-mounted**



**Suspension**

### Typical Applications

- Spot lighting
- Retail Store lighting
- Commercial lighting
- Residential lighting
- General lighting
- Energy Saving Programs
- Sustainable Energy



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## PRODUCT SPECIFICATIONS

<b>LAMP TYPE</b>	LED Linear Light(suspension and surface-mounted)
<b>LIGHT SOURCE</b>	San'an SMD LED
<b>Driver</b>	Osram / Tridonic/ LIFUD (Other driver brands can also choose from)
<b>Input voltage (volts)</b>	AC 110V ( ± 10%)/AC 220V( ± 10%)
<b>Power</b>	20/25/30/35/40/45/50/55W
<b>BEAM ANGLE</b>	140°±3°
<b>RENDERING INDEX (Ra)</b>	>80Ra or 90Ra
<b>Material Quality</b>	Aluminum
<b>Color Temperature</b>	Warm White(2700K/3000K) / Natural White(4000K) / Cool white(5000K/6000K)
<b>Efficiency</b>	80lm/w±10%
<b>Cover</b>	PC lampshade
<b>HEATSINK</b>	Machined pure aluminum with anodize finish
<b>Installation</b>	Suspension and Surface-mounted
<b>BASE TYPE</b>	Internal Driver
<b>DIMMABILITY</b>	Dimmable(0-10V /Triac /Dali) / or Non-dimmable Model
<b>BASE TYPE</b>	Bi-wire
<b>Length</b>	Length could be customized
<b>Key Feature 1</b>	Aluminum Anti-glare Linear Lights
<b>Key Feature 2</b>	2ft 4ft 5ft Commercial Industrial Office Led Linear Light
<b>Certification</b>	CE/EMC/LVD/ROHS/SAA(Whole lamp);Driver(CE/EMC/LVD/ROHS/CB/SAA/UL)

## ENVIRONMENTAL SPECIFICATIONS

<b>TEMPERATURE RANGE</b>	Ambient: -20°C to 40°C; Surface of Lamp: 60°C to 70°C
<b>HUMIDITY RANGE</b>	0 to 95% non-condensing humidity

## PRODUCT CODE: FT-LL1F X1- X2W

X1: Length: 2=600mm, 4=1200mm, 5=1500mm.

X2:Power

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**LED Linear Light**

**Product can be used hanging, surface mounted installation**

PC cover transmitting rate reach 95%, luminous reach 140lm/w.  
Use BOKE power supply,lc driver.No flicker, No glaring.CIR $\geq$ 90.PE $\geq$ 0.9.

**All products can be customized color, logo, packaging,etc**



5 Years Warranty



CCT Tunable



PENDANT



SURFACE MOUNTED



100%-1000%  
dimnable

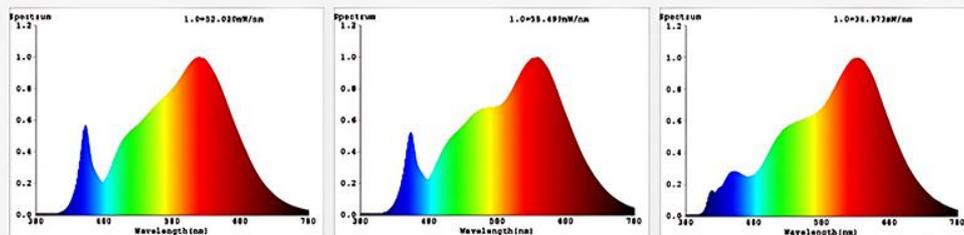


Widely Use

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CRI90

CRI97

Sunlight

### CCT option



### Material Brand Cooperation

PHILIPS

CREE

OSRAM

EAGLERISE

LIFUD

bridgelux

TRIDONIC

powered by

LUMINUS

EPISTAR

EOKE

KR  
KERUI GROUP

CITILED®  
The Light Engine

#### COB brand



OSRAM

CREE

Bridgelux

Other brands are also available

#### Power brand



Lifud

Tridonic

NOVBO

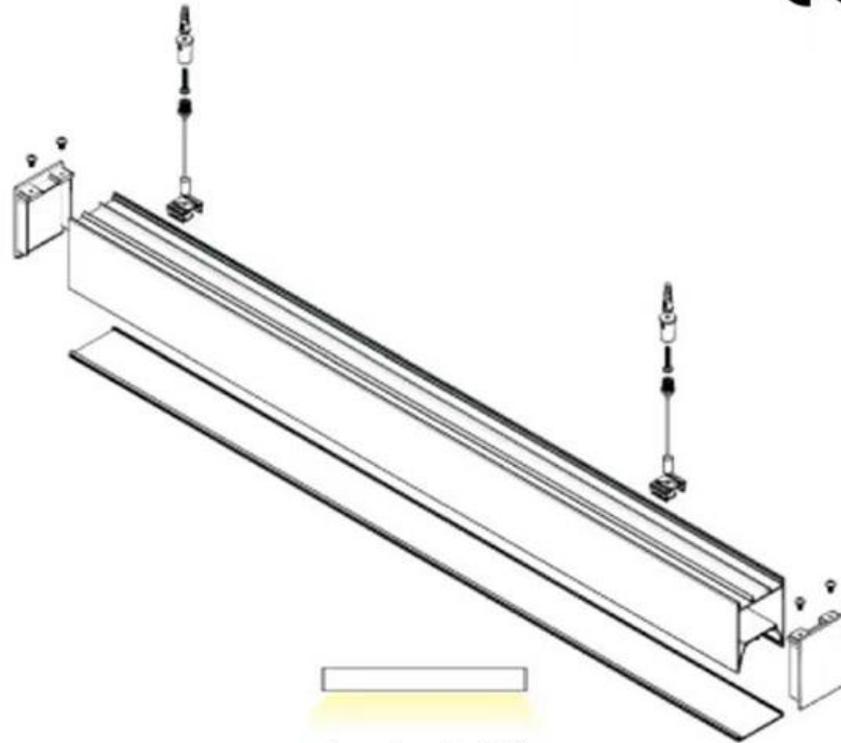
Boke

Five-year warranty, no flicker PF > 0.9

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Beam Anggle: 140°

<b>PC</b>	<b>SMD</b> 2835	<b>PF</b> >0.9	<b>CRI</b> >90	2700K 3000K 4000K 5000K	No Flicker	>80 LM/W	<b>IP20</b>	<b>5 years</b> warranty
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Model NO. FT-LL1 series

<b>Length</b>	600mm	1200mm	1500mm
<b>Power</b>	20W/25W	35W/40W/45W/50W	50W/55W
<b>LED Quantities</b>	72pcs	144pcs	180pcs



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### LED Chip and Driver



### LED driver : LIFUD or BOKE

Built in high quality drive, we can provide 0-10V, Dali dimming, intelligent sensing, emergency and other functions are optional.

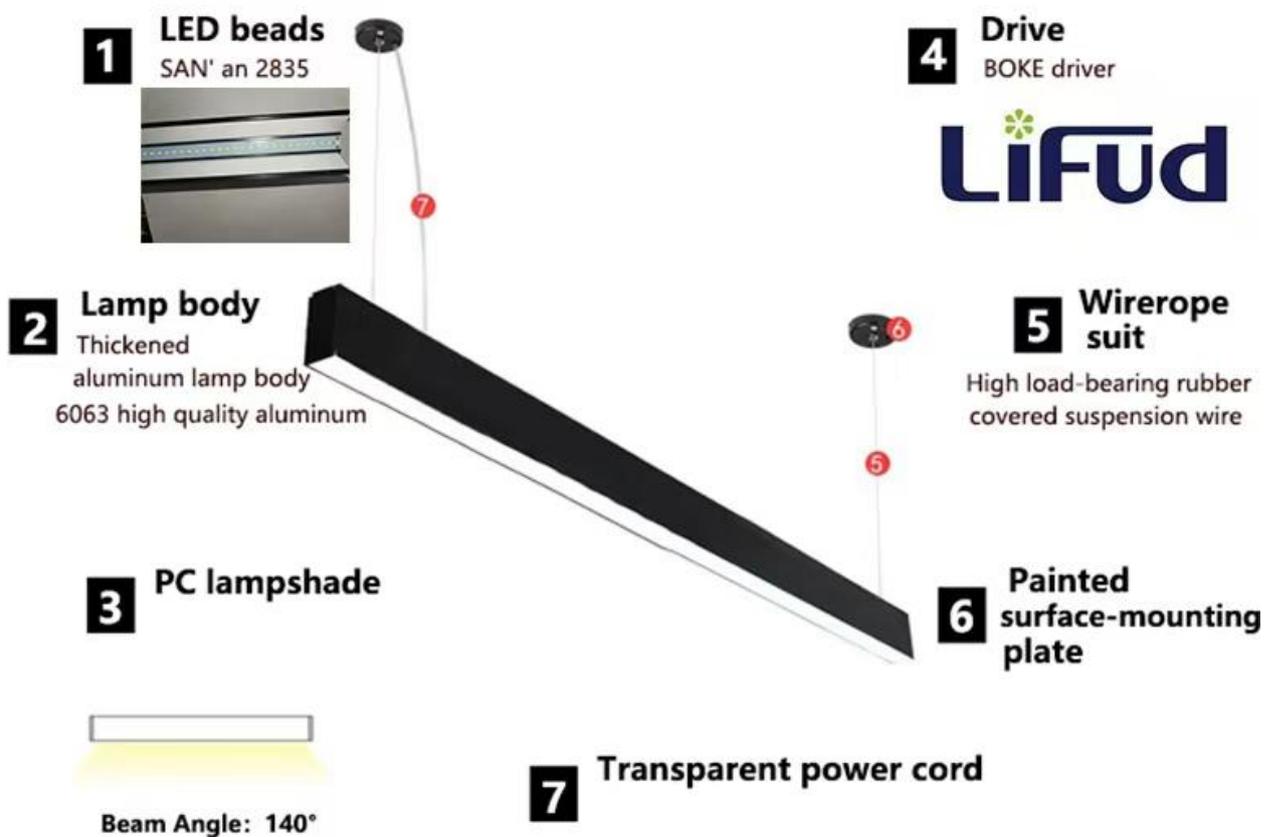


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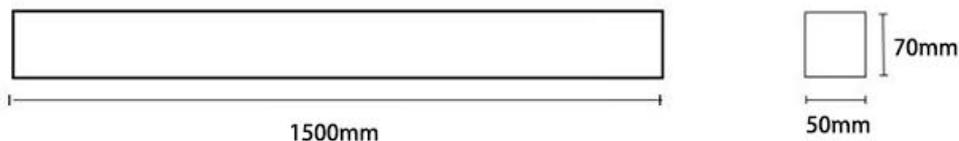
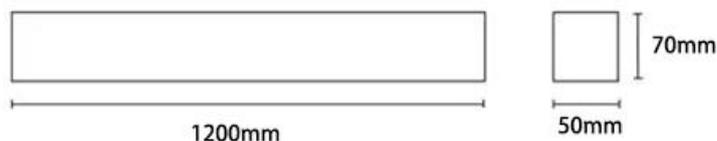
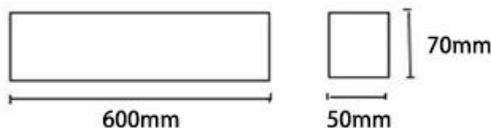
### Product details



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Model	Power	Size(L*W*H)
FT-LL1F2 series	20W/25W	600*50*70mm
FT-LL1F4 series	35W/40W/45W/50W	1200*50*70mm
FT-LL1F5 series	50W/55W	1500*50*70mm

### LED Linear light Model at Ta=25°

Parameter	Symbol	Min	Type	Max	Unit
Input Voltage (AC)	V <sub>AC</sub>	165	230	265	V
Estimated Life[*]		—	50,000	—	hours
Optimized Body Temperature	T	—	55	60	°C

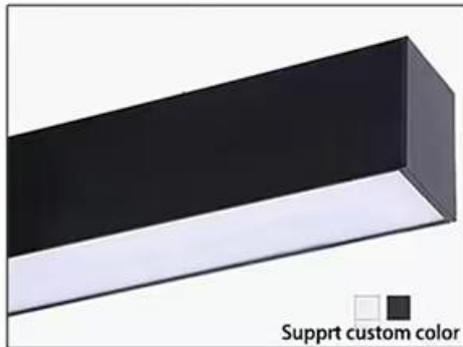
Note[\*] – Manufacturer projects Light made with SMD LED to maintain an average of 70% lumens maintenance after 30,000 hours. This estimation is made based on data from LED manufacturer.

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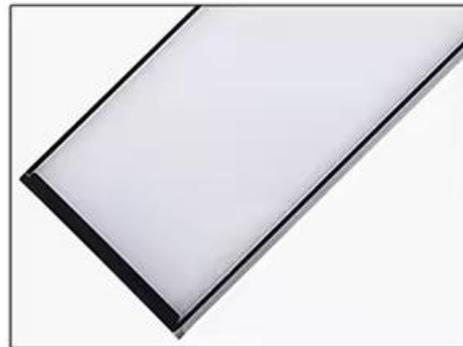
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### Product details



Support custom color

Light body adopt aviation grade aluminum, light and durable, environment-friendly, fastness



SMD 2835 as a light source, with high thermal conductivity, low light decay, light pure point



Built-in high quality driver we can provide 1-10V, dali,

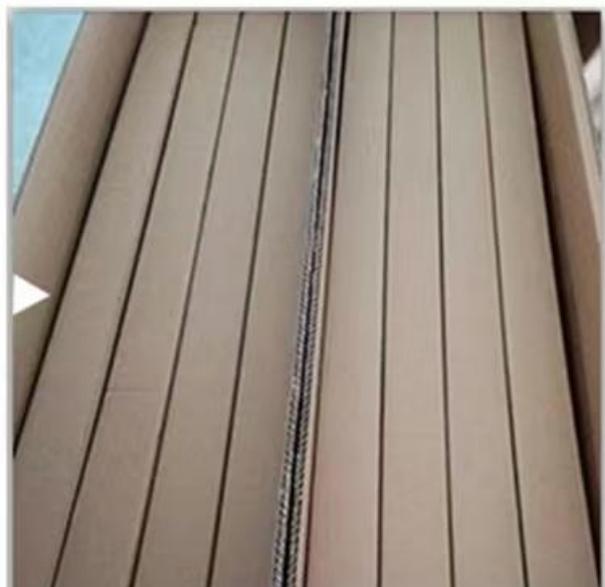


SMD 2835 as a light source, with high thermal conductivity, low light decay, light pure point

### Product packaging



Neutral packaging



Each line lamp is packaged separately

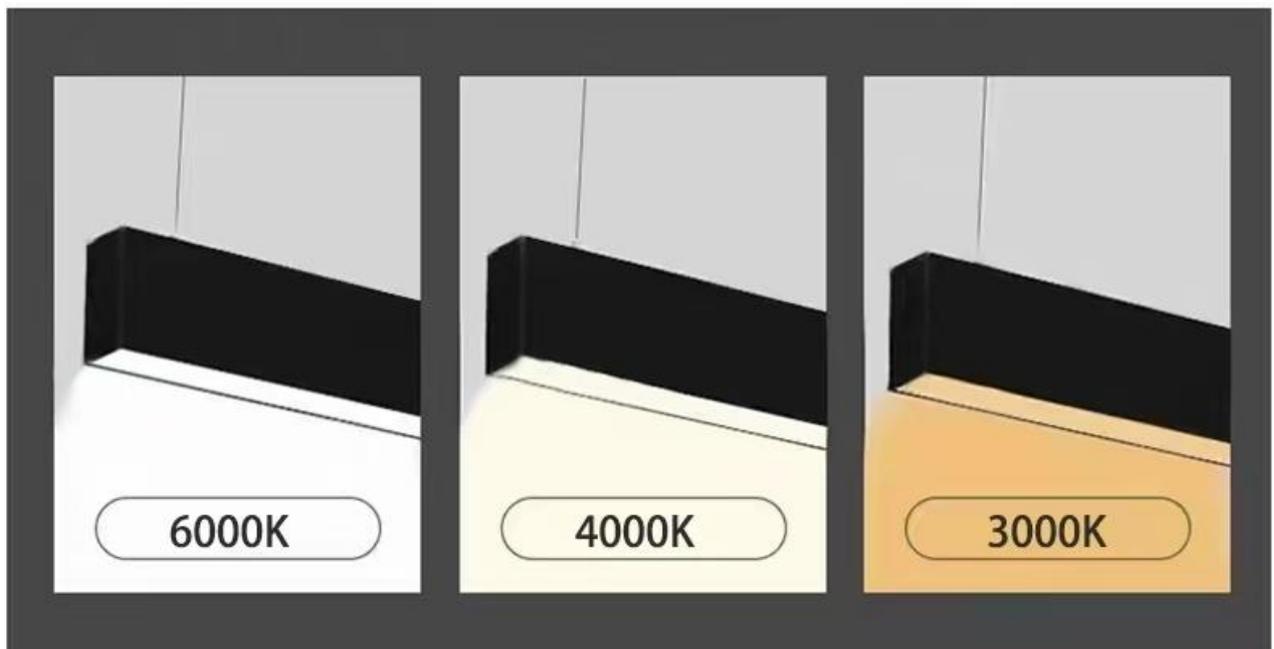
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**Different color temperatures  
can be selected**

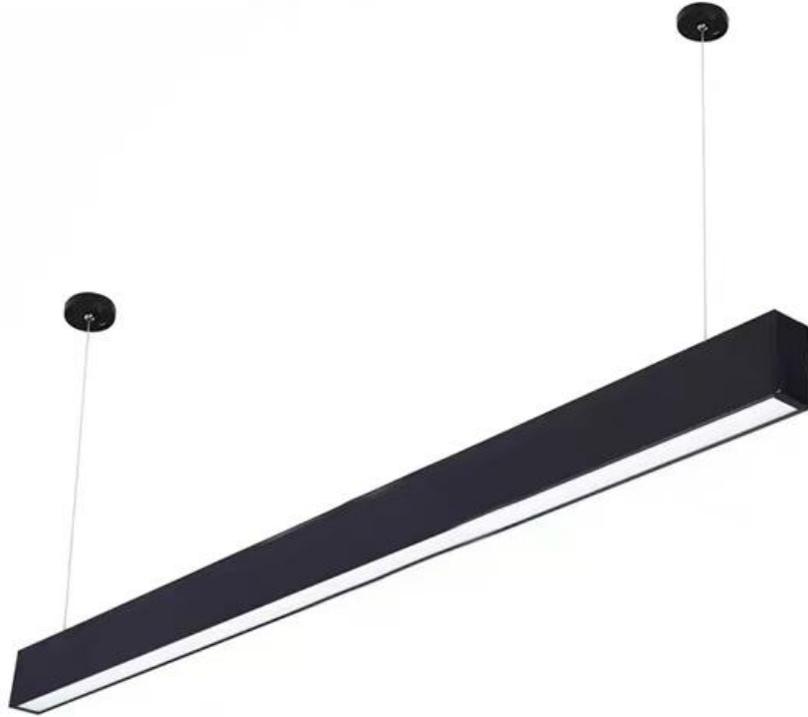


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## High CRI can restore the true color of objects



☑  $RA \geq 90RA$

High color reproduction,  
bright and pure

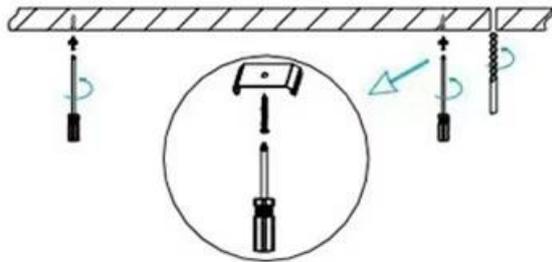


$RA \leq 80RA$

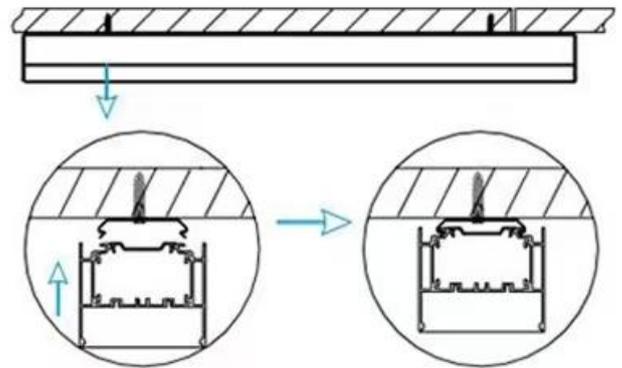
Low color rendering index,  
dull and matte colors

### Installation Steps

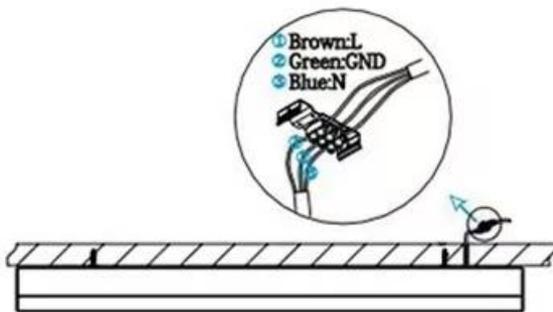
#### — Surface mounted



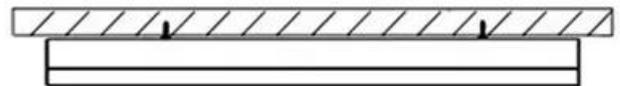
1. Install the screw and fix the buckle.



2. Fix the buckle, push the lamp upward and fasten it.



3. Connect the power cord through the terminal of the wiring.



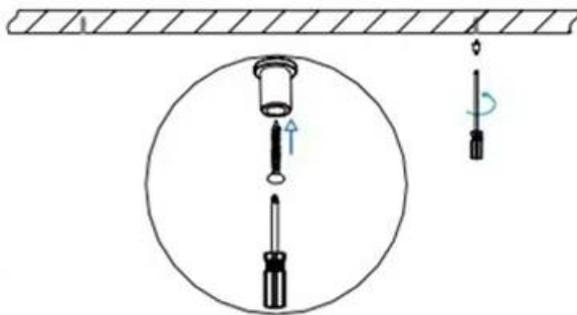
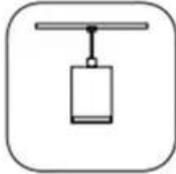
4. Clean the lamp surface and connect the power supply

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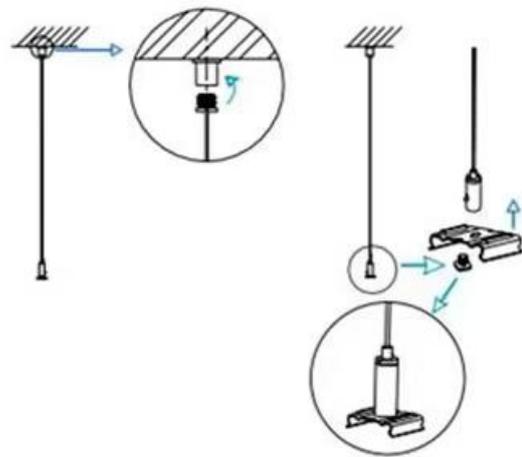
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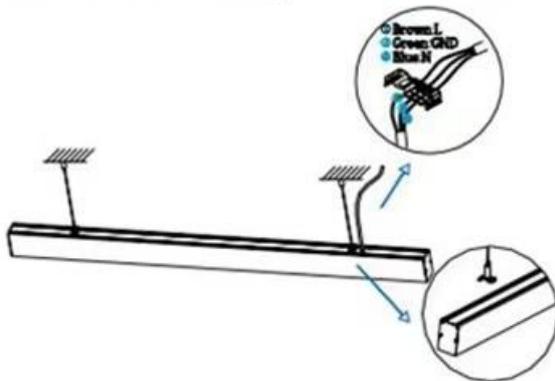
### 二. Suspended



1. Drill holes at suitable positions on the wall.



2. Install the rope clasp.



3. Connect power supply through terminal box.



4. Adjust the length and position of the line, clean and power on the surface of the lamp

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### Product application

Office

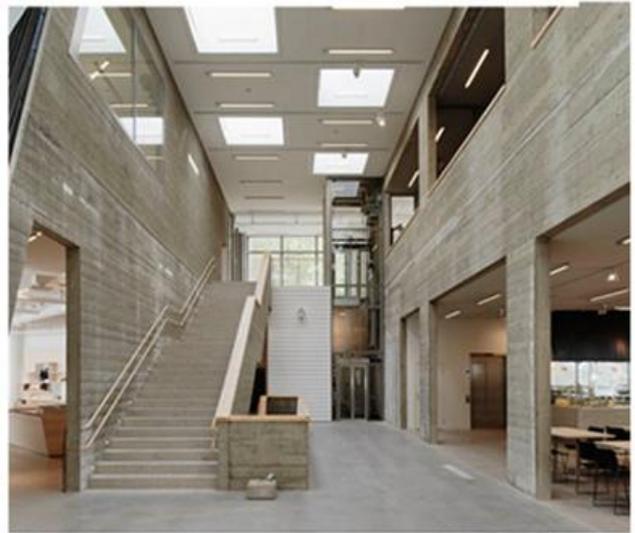
Library

showroom

Subway Station

Exhibition Hall

High end Club



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## Caution:

- WARNING-Risk of fire or electric shock. LED Linear light installation requires knowledge of luminaire electrical systems.
- If not qualified, do not attempt installation. Contact a qualified electrician.
- WARNING-To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.

## Hygiene & Safety

- Provide the illumination required in the work area for moving parts.
- We advise to use the soft cloth to clean up and do not attempt to use any chemical agent.
- In order to avoid any damages from the surface.
- Minimize the accumulation of dirt on the lamps and spotlights;
- For your safety, please cut off the power supply before changing or cleaning the lamp source.
- Facilitate maintenance.

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