

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.

Add: 10th floor, building C1, Songhu Zhigu building, No. 9, Yanhe South Road, Liaobu Town, Dongguan City, Guangdong Province, China.

Email : liu@fitlight-tech.com URL: www.fitlight-tech.com / <https://fitlight.en.alibaba.com>

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

14^{+years}
 Production experience

3000^{+m²}
 Factory space

50⁺
 Patent certificate

100⁺
 Projects

10000^{+pcs}
 Daily output value

100⁺
 Service country



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Features and Benefits

- Light source: COB 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 track light is available in the following white color temperatures:
2700/3000/4000/5000/6000K
- 3 or 5 years limited warranty(3 years for Epistar LED chip model and 5 years for Cree /OSRAM LED chip version)
- Works with worldwide lighting systems
110VAC/220VAC



Typical Applications

- Spot lighting
- Retail Store lighting
- Commercial lighting
- Residential lighting
- General lighting
- Energy Saving Programs
- Sustainable Energy
- School, university, hospital, hotel
- Conference, meeting room, show room, showcase
- Commercial complexes
- Factory, plant, warehouse, office
- Supermarket, department store



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PRODUCT SPECIFICATIONS

LAMP TYPE	Integrated Drive Track Light Series
LIGHT SOURCE	Cree/OSRAM or Epistar COB LED (Other driver brands can also choose from)
Driver	2 /3 Wire (COIE Driver) ; 4 Wire (OSRAM Driver)
Input voltage (volts)	AC 110V (± 10%)/AC 220V(± 10%)
Power	15/20/25/30/35/40W/45W
BEAM ANGLE	24° /38° ±3°
RENDERING INDEX (Ra)	>80Ra or 90Ra
Material Quality	Aluminum
Color Temperature	Warm White(2700K/3000K) / Cool White(4000K) / Natural white(5000K/6000K)
Efficiency	85-90lm/w±10% for non-dimmable model; 80-85lm/w±10% for dimmable model; 100/110/120lm/w Can Be Customized
OPTICS	Reflector
HEATSINK	Machined pure aluminum with anodize finish
BASE TYPE	2/3/4-phase
Installation	Track Mounted
DIMMABILITY	Dimmable(0-10V /Triac /Dali) / or Non-dimmable Model
Key Feature 1	Adjustable Angle Aluminum Cob Shop Supermarket Track Lights
Key Feature 2	Hotel / Residential Living Room Led Track Spotlight
Certification	CE/EMC/LVD/ROHS/SAA(Whole lamp);Driver(CE/EMC/LVD/ROHS/CB/SAA/UL)

ENVIRONMENTAL SPECIFICATIONS

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

PRODUCT CODE: FT-TL24-X₁/X₂

X1: Power

X2: LED chip(CREE/OSRAM or EPISTAR)

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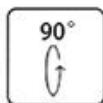
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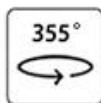


COB Track light

High efficiency to save power and produce higher lumens
Highlights / Multi-Angle Rotation / Three Color Options



Vertical
90° rotation



Horizontal
355° rotation



24°



38°



2700-6000K



0.95



97, 90, 80



IP20



50000hours



IK07



Flicker Free



5 Years Warranty



CE



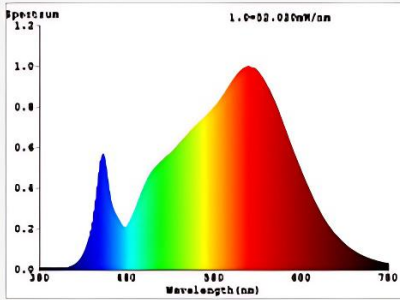
Dimmable (optional)



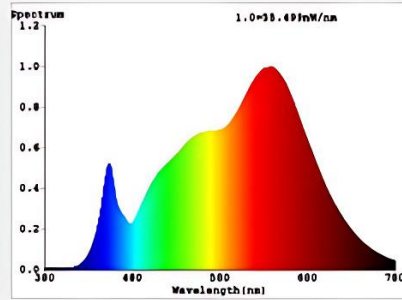
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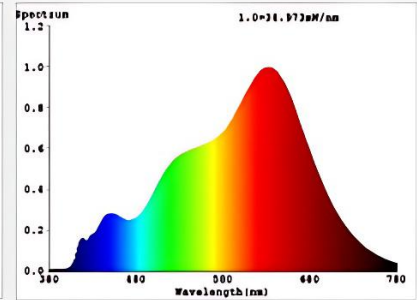
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CRI90

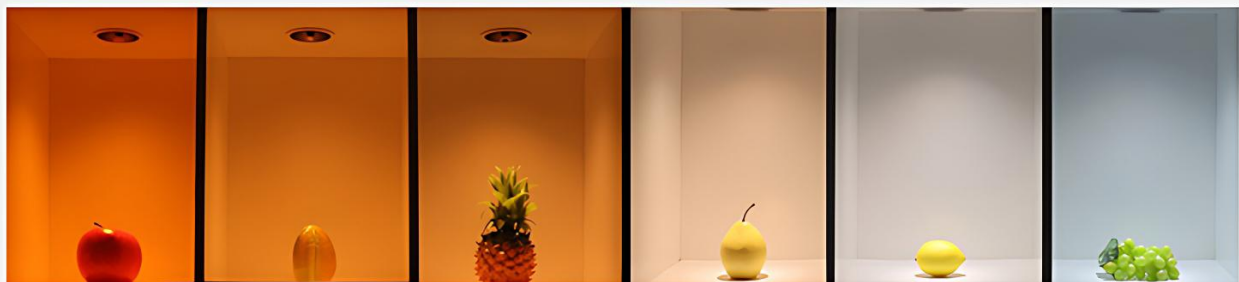
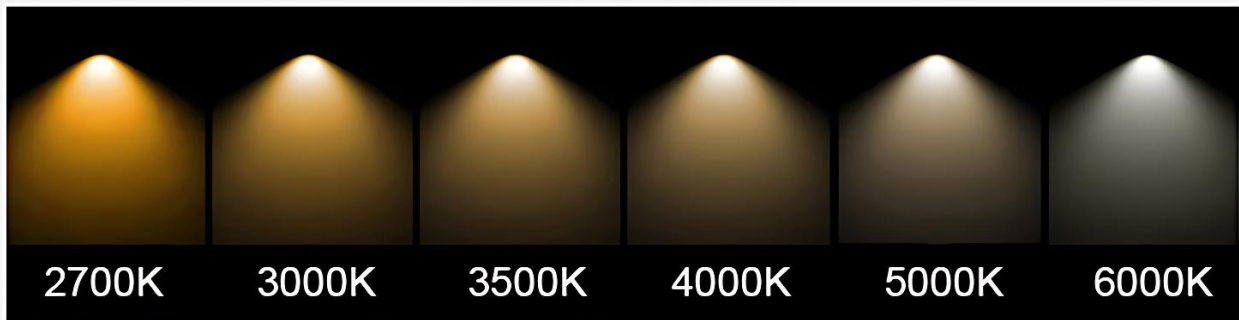


CRI97



Sunlight

CCT option

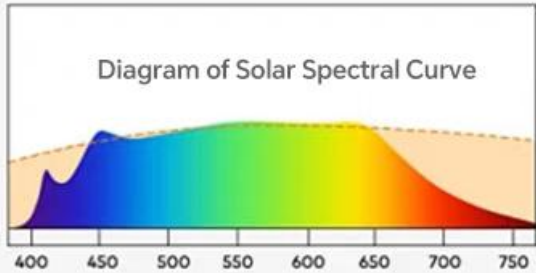


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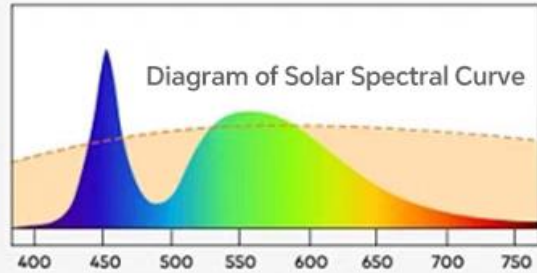
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The higher the CRI, the better it can express the true color of the object



Our company's LED chips



Ordinary LED chip



Ra ≥ 90

Super high color reproduction ability
Really restore natural colors



Ra ≤ 80

Color rendering index is low
Dull colors and blurry details

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Various Adapter Selections

Provide 2/3/4 Wire Adaptor Match Different Track System To The Global Market



Integrated



Built-in



External



2-way



3-way



4-way

Single phase



5-way

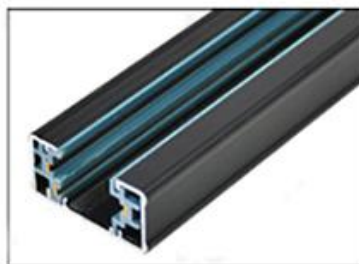


6-way

3 phase



2-Wire 1-Circuit Track Rails



3-Wire 1-circuit Track Rails



4-Wire 3-Circuit Track Rails

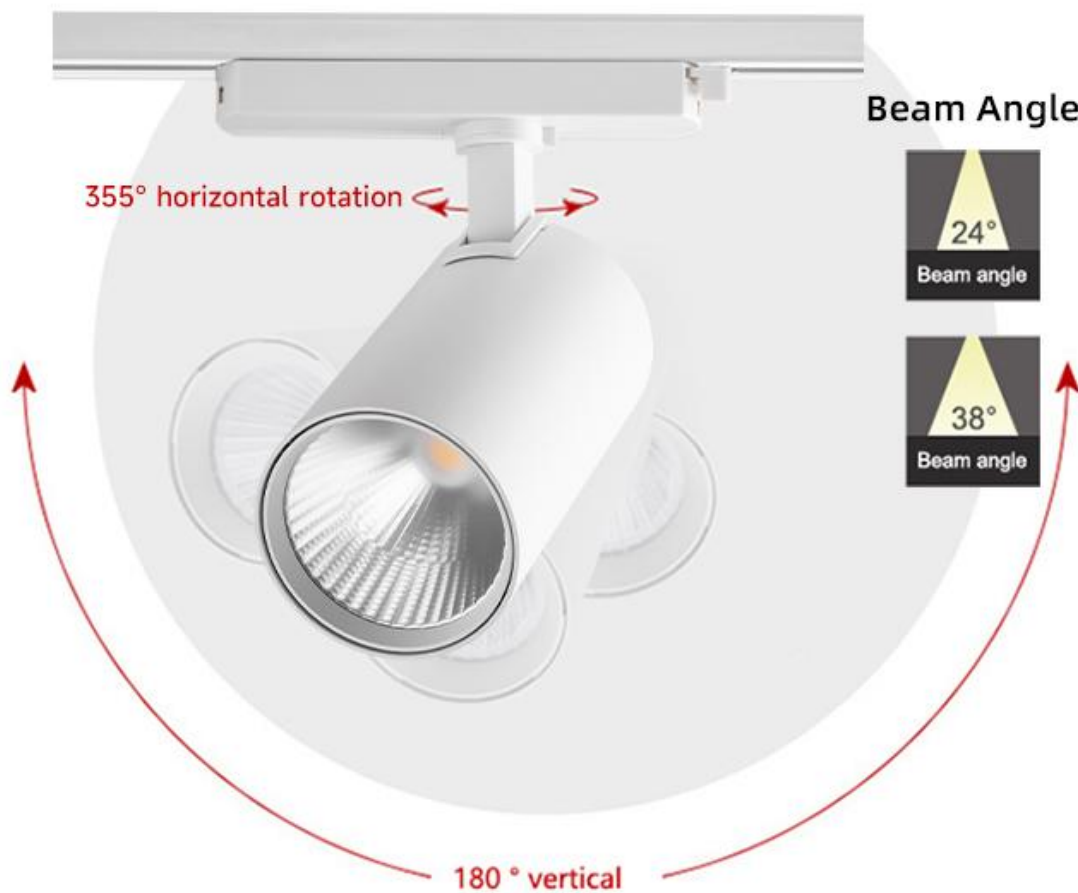
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360 ° rotation design

No dead angle rotation, perfect match with lamp body, meet various lighting requirements



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Product size



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DIMMABLE

Single color dimmable



TRIAC



0-10V

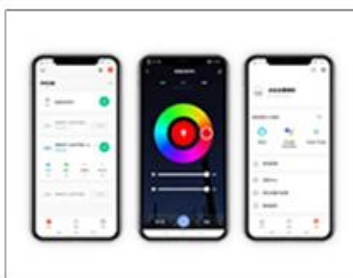


DALI

2700-6000K tunable



2.4G



TUYA
(Bluetooth WiFi ZIGBEE)



DALI DT8

LED Track light Model at Ta=25°

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

Note[*] – Manufacturer projects Down Light made with COB 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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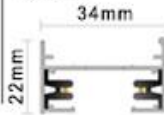
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Diagram Of Track Rail



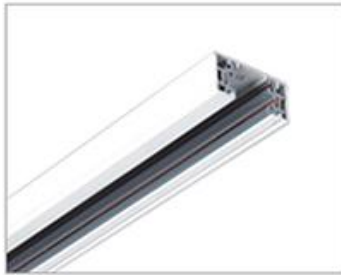
Length

1000mm
1500mm
2000mm
3000mm



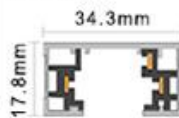
Two Line Track system

1. Can be compatible with all major brands.
2. The contact area of flat copper is larger than round copper.
3. Conductive 16A
4. CE ROHS certification
5. Fire prevention.V2



Length

1000mm
1500mm
2000mm
3000mm



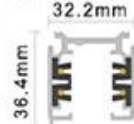
Three Line Track system

1. Can be compatible with all major brands.
2. The contact area of flat copper is larger than round copper.
3. Conductive 16A
4. CE ROHS certification
5. Fire prevention.V2



Length

1000mm
1500mm
2000mm
3000mm



Four-Wire Guide

1. Can be compatible with all major brands.
2. The contact area of flat copper is larger than round copper.
3. Conductive 16A
4. TUV CE ROHS certification
5. Fire prevention.V2



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TRACK RAIL CONNECTION ACCESSORIES



I - Coupler



L - Coupler



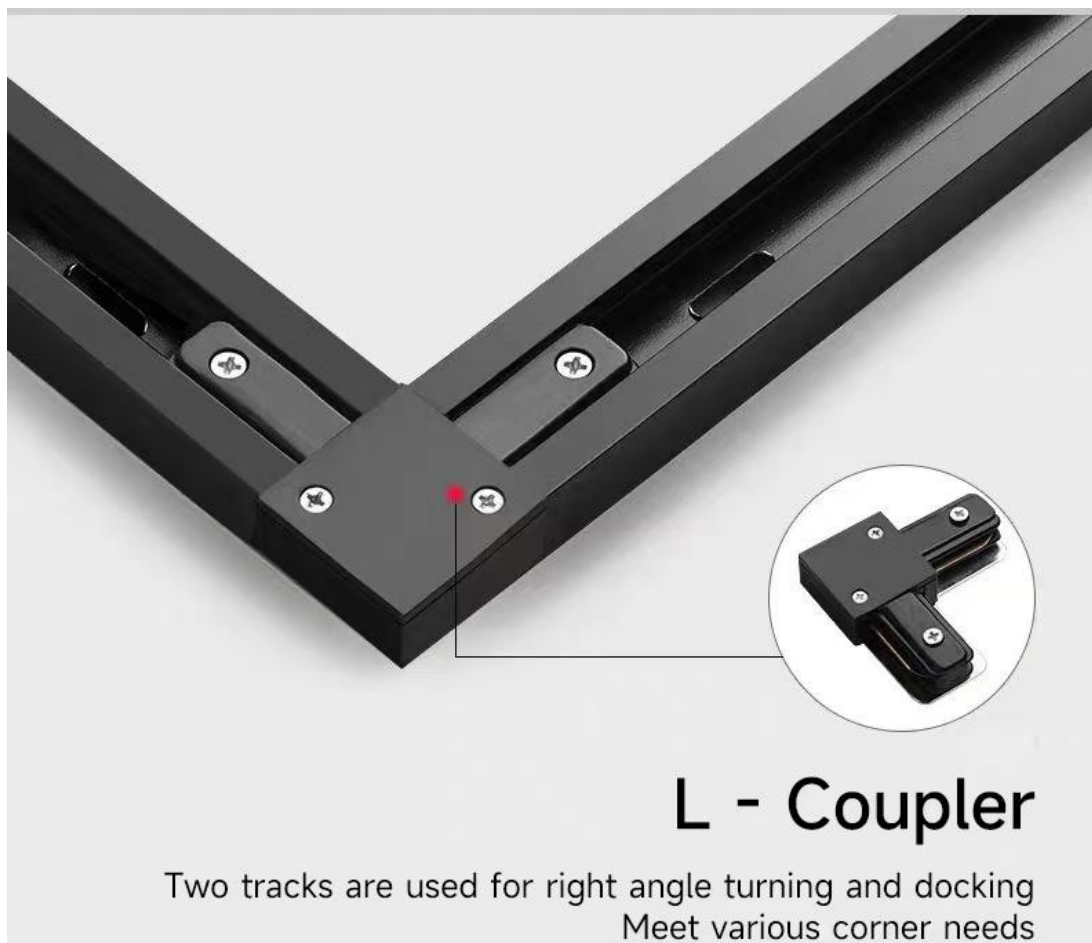
T - Coupler



X - Coupler



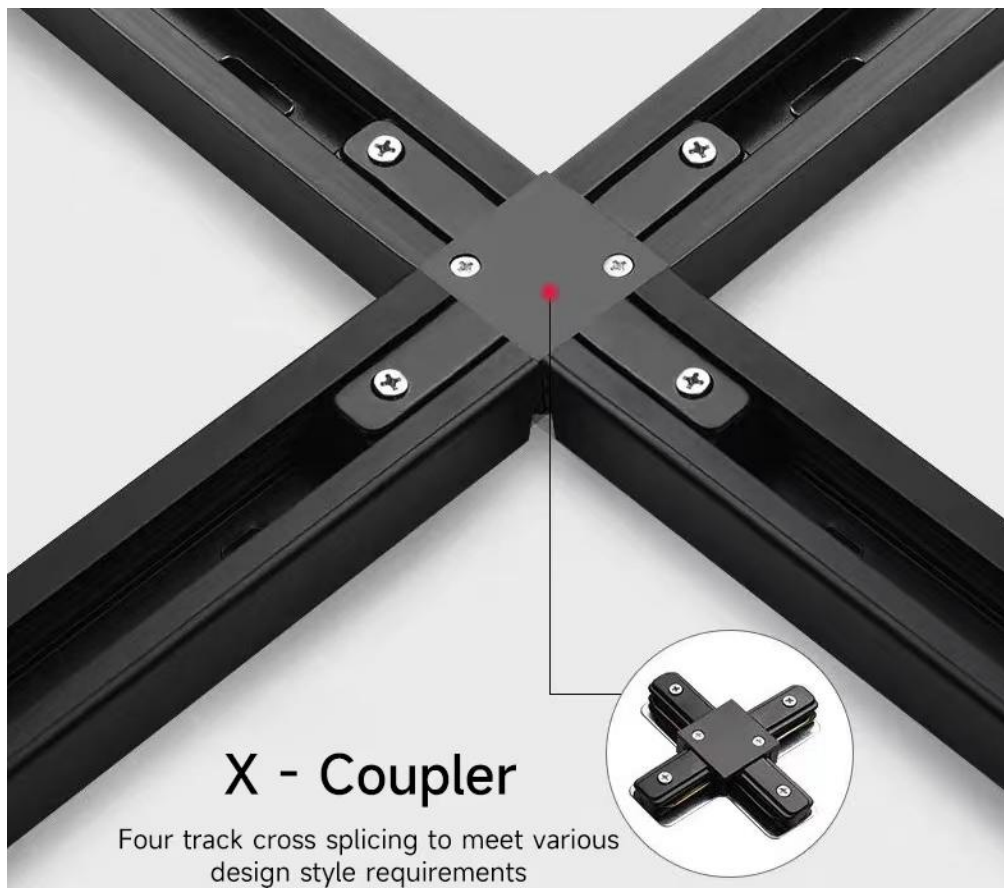
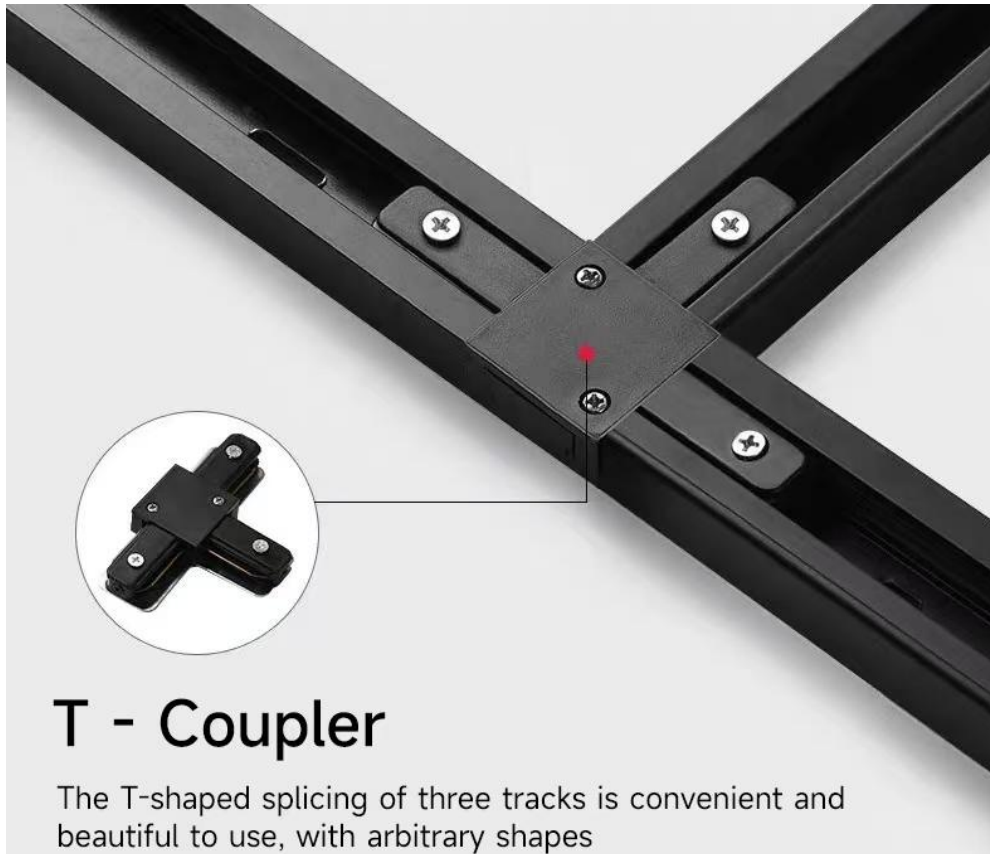
Flexible Connector



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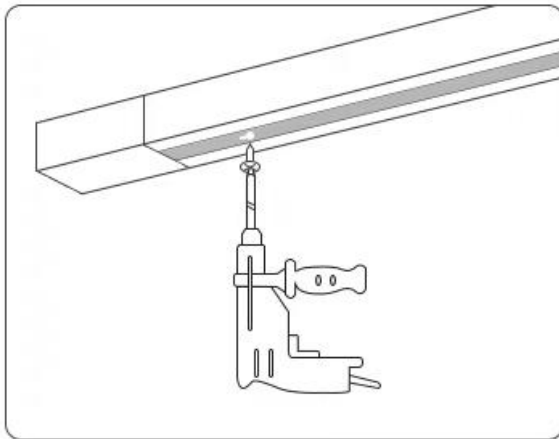


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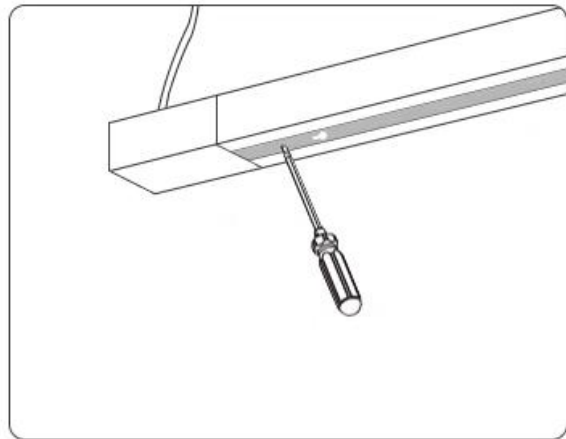
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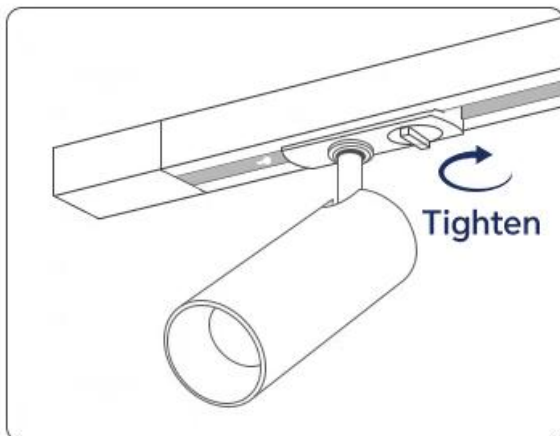
Installation instructions



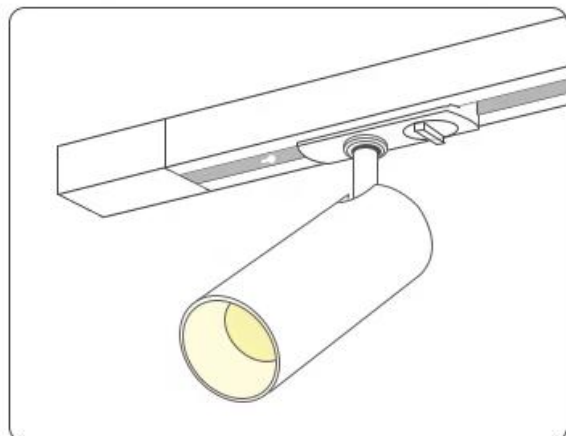
1. Mounting Screws to
Secure Chassis



2. Connecting Wires
to Terminals



3. Install the light into the track



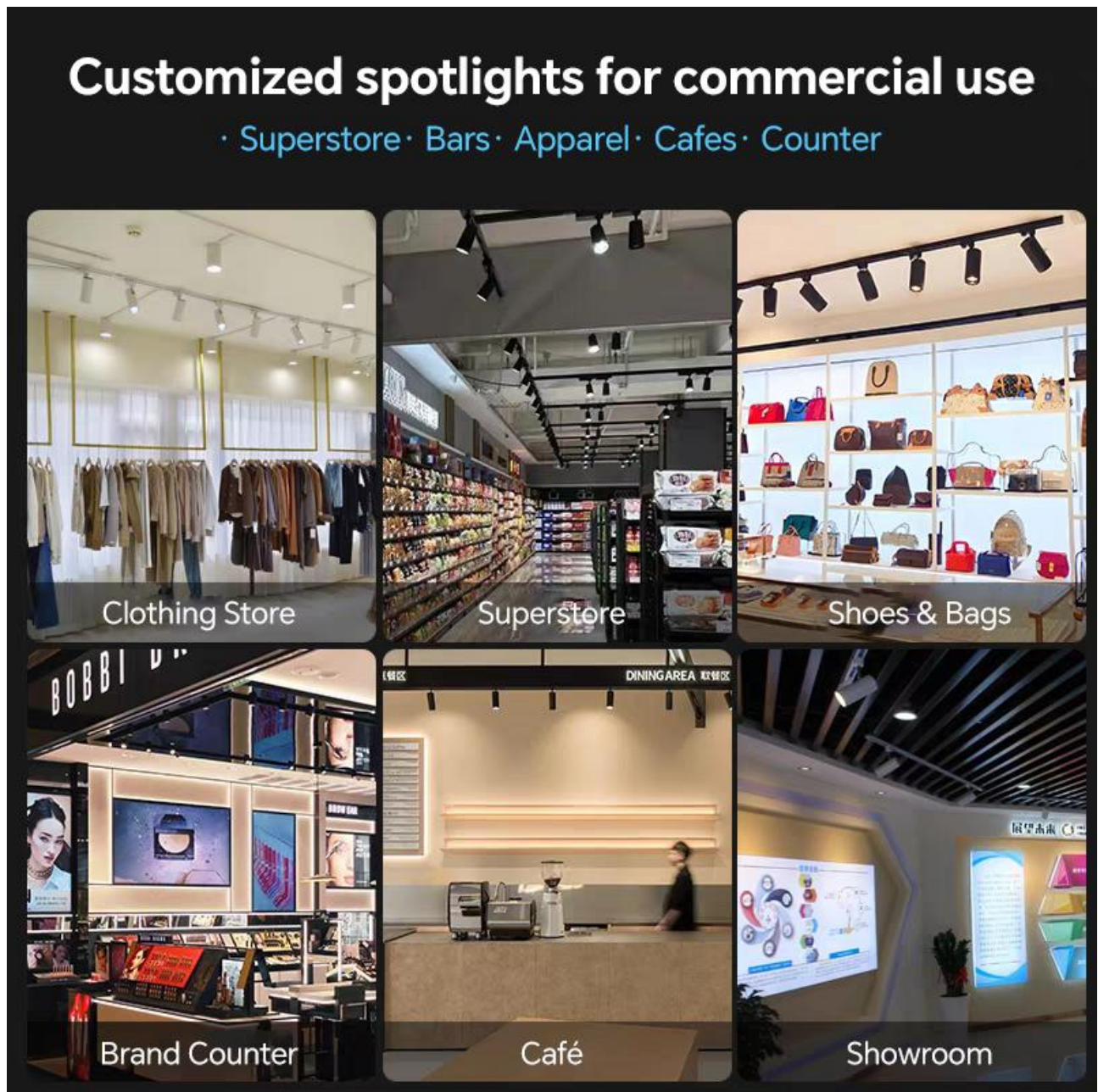
4. Installation completed
turn on the light

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INSTALL APPLICATION



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Caution:

- WARNING-Risk of fire or electric shock. LED Track 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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