

LUNA MCFION LIGHTING 2021

ARCHITECTURAL & DECORATIVE LIGHTING

MARCH 2021, ISSUE 01

Magnetic Track System Version

**BETTER MIND
MAKES
BETTER LIGHT**

COMPANY

PROFILE



Luna Mcfion Lighting Factory, was established in 2005, locates in Lighting Capital of the world - Guzhen town, Zhongshan City, Guangdong Province.

2005-2010: Our mainly products are halogen electric transformer, fluorescent electric ballast, and T5 fluorescent tubes.

2010-2016: Our product lines changed into LED bulbs, T5/T8 LED tubes, down lights, spotlights, etc.

2016 till now: We have successfully transformed into a customized commercial lamps, decorative lamps, as well as intelligent control system products provider.

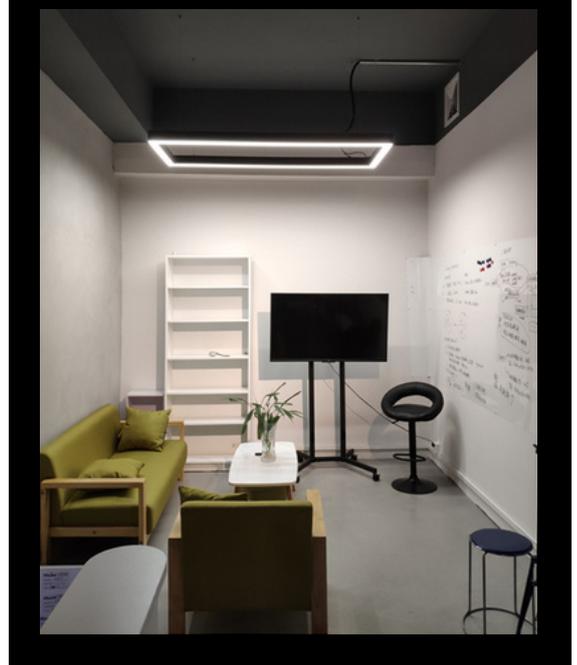
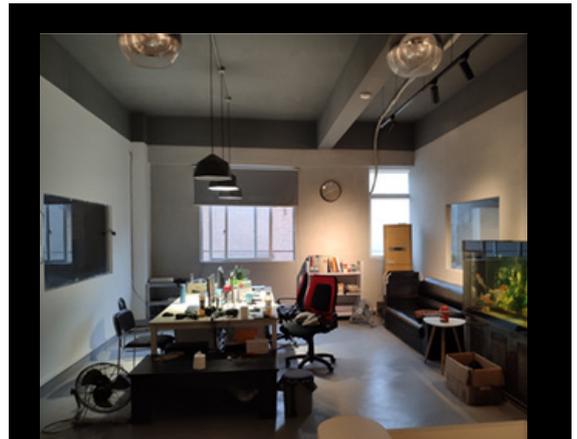
We are a team which provide professional lighting products and related services.

Our Mission

Understanding clients' needs, keep improving our abilities to help providing good services and products.

Our Values

- Focus on learning, understanding and being able to achieve customer's needs.
- High standards of designs, raw materials, finishing, and packing.
- Unity, keep learning, record, do rational action.
- Clean & tidy, being creative, and to pursue beauty.



BetterMind
Makes
BetterLight

DIRECTORY

WWW.LUNA-LIGHTING.CN

01

Magnetic Track System

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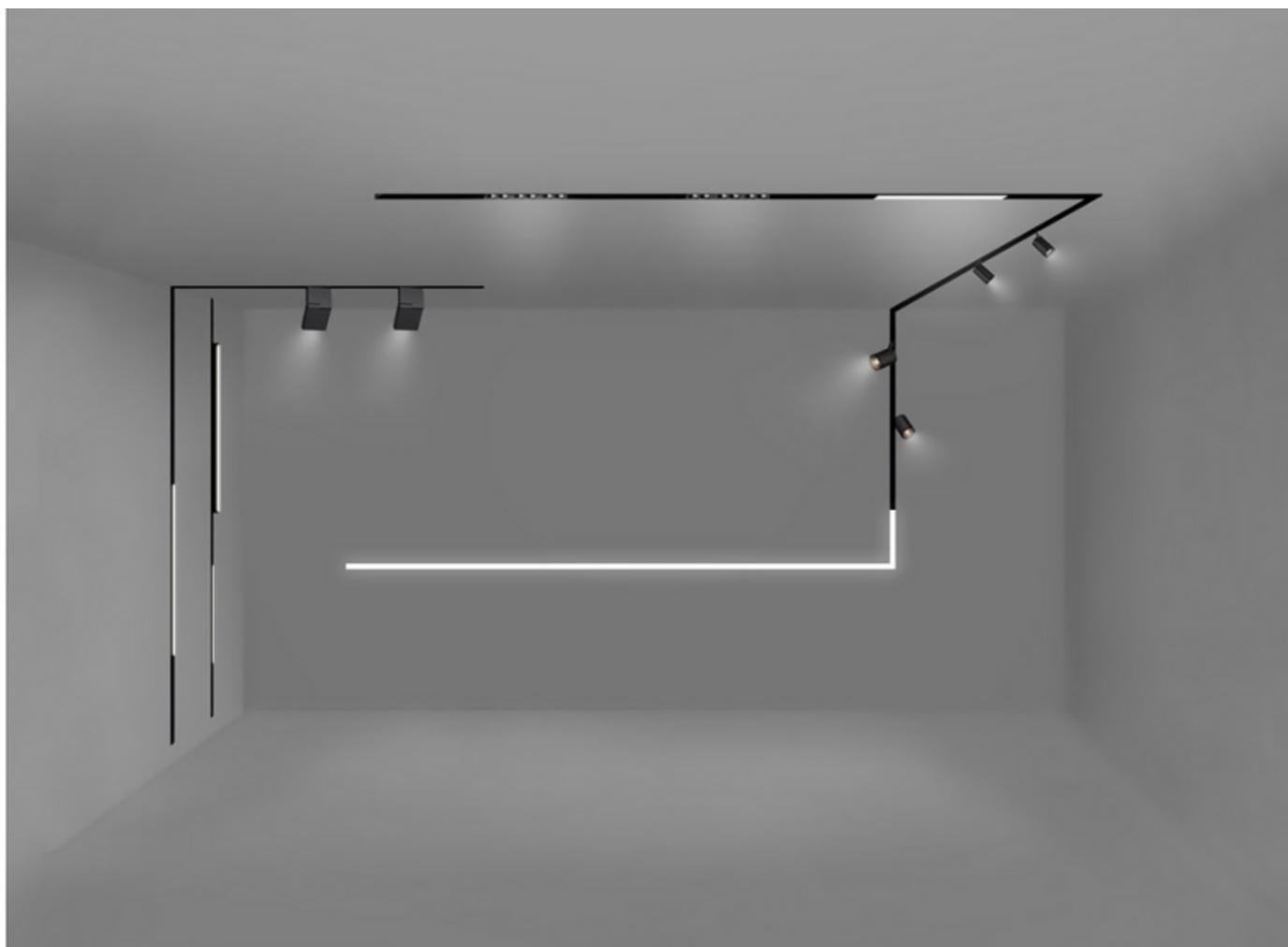
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Magnetic Track System

A fun, flexible, & smart lighting system
Satisfied you with elegant lighting experience.



Recessed, ceiling mounted, & hanging
Linear down light, spotlight, & grill light
Dimming, color changing, wireless & intelligent



A Fun, Flexible Magnetic System

The System

The modern compact rail system features a safe working voltage DC48V and is designed for indoor usage.

Magnetic fixation makes it easy to change the number and position of lamps. In terms of maintenance, you can add or reduce luminaires at will to reduce errors and changes in lighting design or display cabinet placement.

The Track

Giving M20 & M35, two sizes with three installation ways.

Rails can be cut in any length. With an L-type connector for different ends, You can feel free to design any length rail system for your space, shop. By pairing with different adapters, you can connect up to 20 meters and power can exceed 600W

The Duration

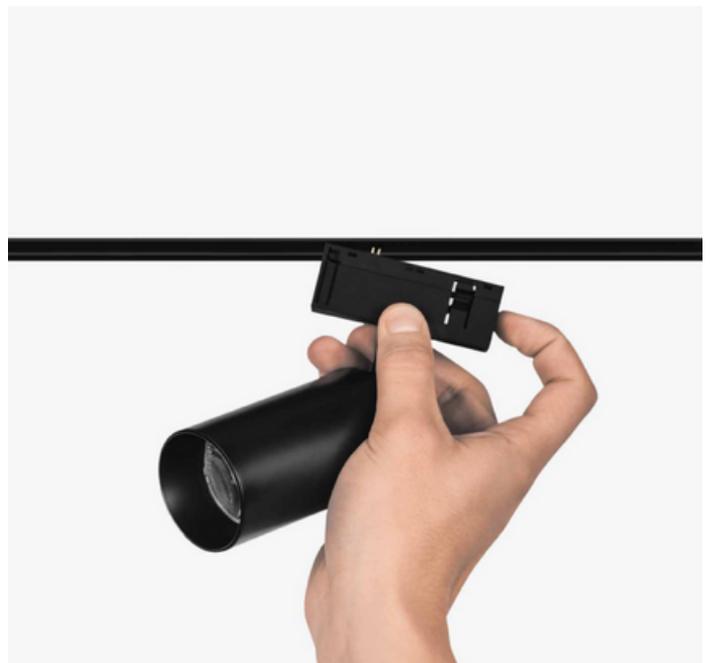
The application of high-spec strong magnets can withstand up to 15kg of luminaires, enough to provide more than 3x the load cap for each luminaire. The use of high-spec Osram led chips, high-quality 48V driver, as well as Meanwell adapter, providing long-term, stable, high-quality performance .

The Control

The basic on/off switch, 4 wire 2 groups, can be up to two switches on the same rail.

We also offer 1-10V, DALI, and wireless Bluetooth Mesh control.

You can customize your luminaire grouping, dimming, tinting, and scene settings by different control cases.

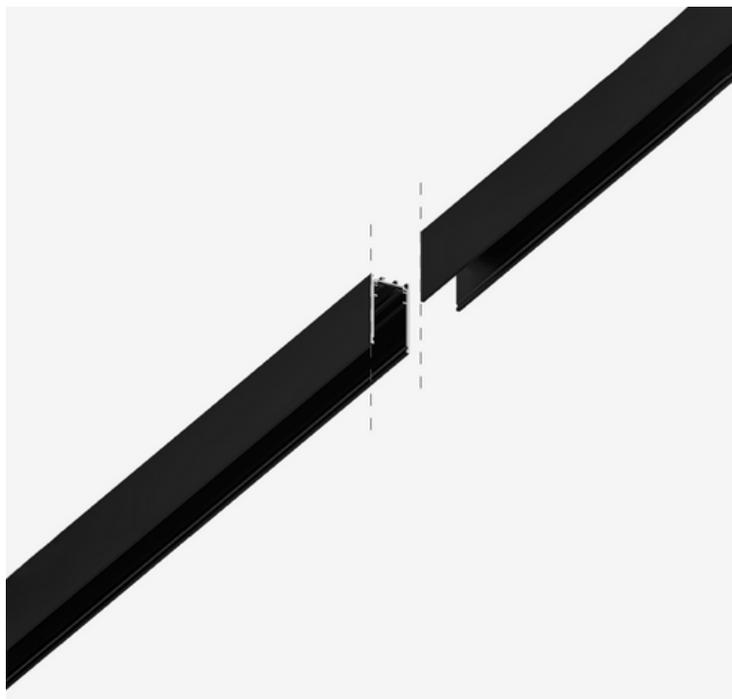


Slide within track

Fit anywhere as you want.

All lamp fixtures can be moved along with the track to any places as you wish.

No worry about design mistakes, or any changes on shelves, counters.



Length and shape

in the magnetic track system, the tracks can be cut off anywhere up to a millimeter.

In this case, the tracks are easily connected to each other and their joints are invisible.

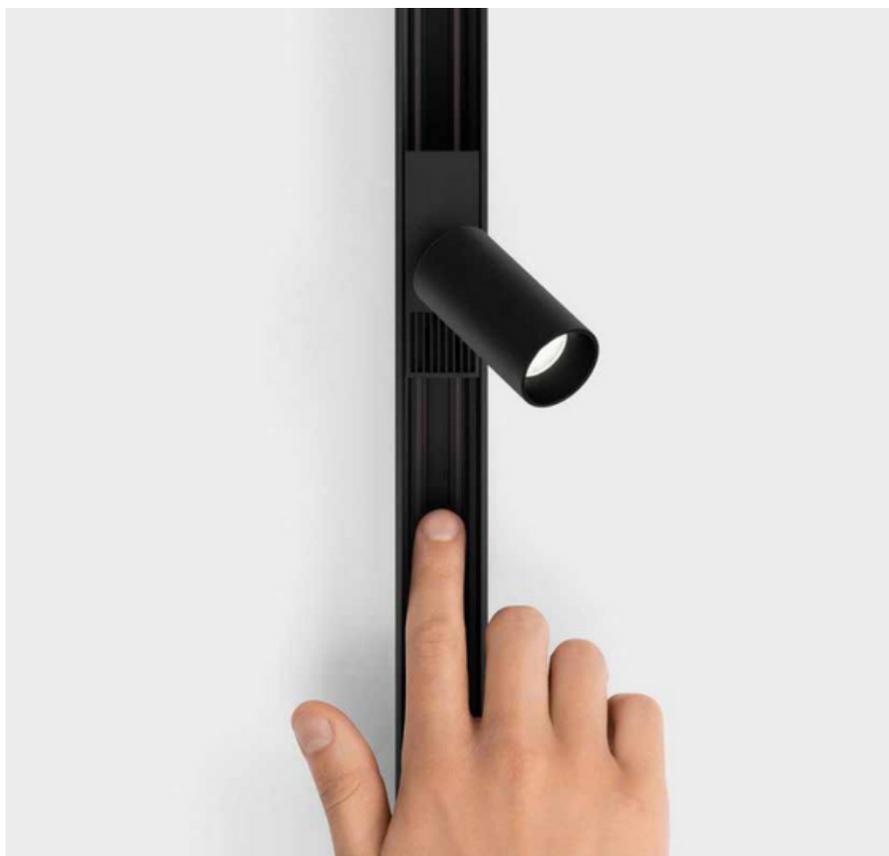
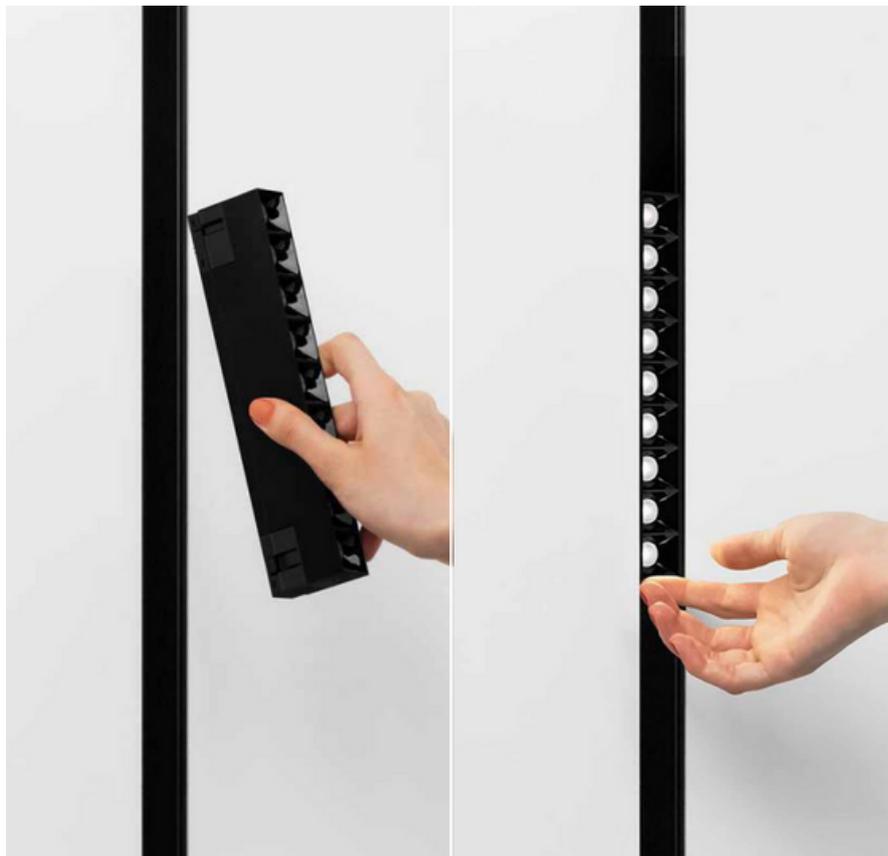
This allows you to assemble any length of track system and any shape.

Simple Installation

The lamps themselves have no wires and are powered directly through the track.

Low voltage, DC48V, completely safe, even in touch of tracks.

They can be rotating, linear and oriented, and lamps are known for their strength.



Safe, even with touch

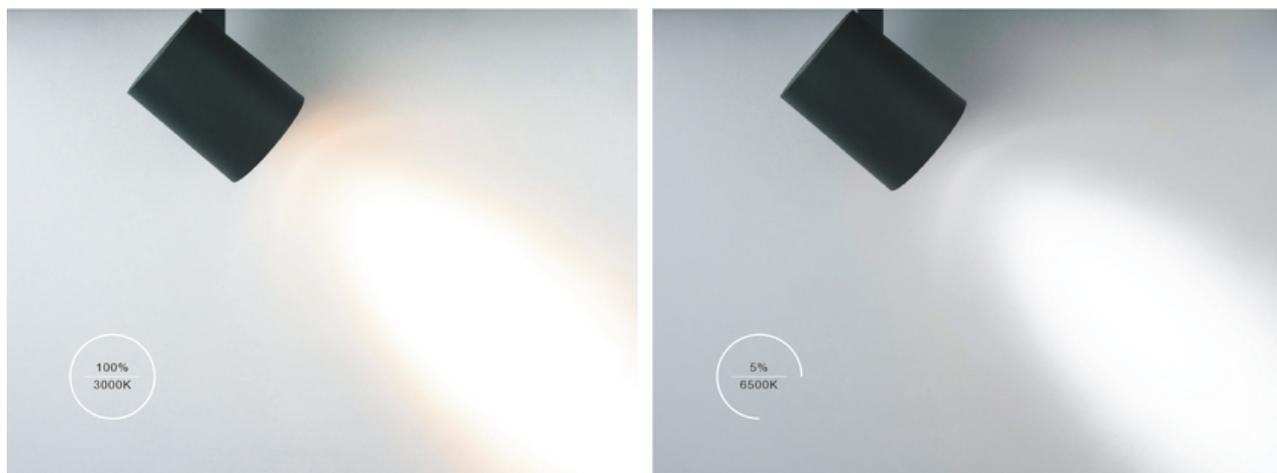
We are using DC48V voltage on the track. powered by external Meanwell drivers, or integrated power supplies.

All four copper wires are located in sideways of the track, so you will not see them from the bottom up.

Color Temperature change and Dimming

With Mesh wireless control, DALI or 0/1-10V, you can easily control the color and brightness of all luminaries.

*some items in M20 cannot be color temperature changing.



Mobile Applications

A quick connection between the lamp and the control system.

The app is available for iOS and Android-based smartphones.

In addition to this application, you can also use traditional wall switches, buttons, and controllers.

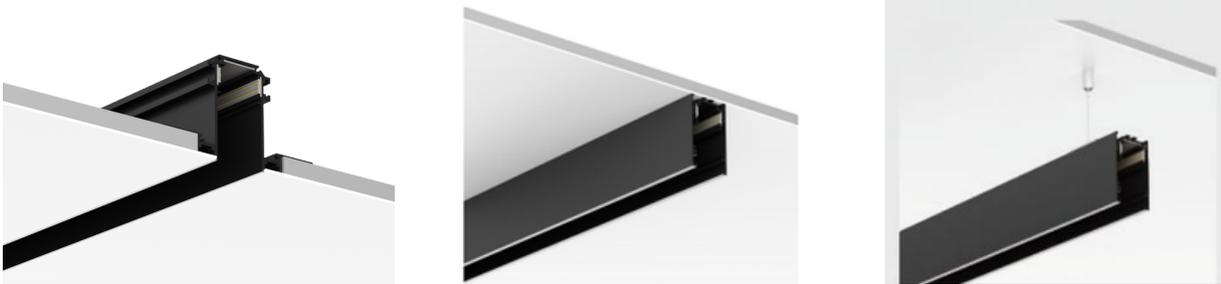




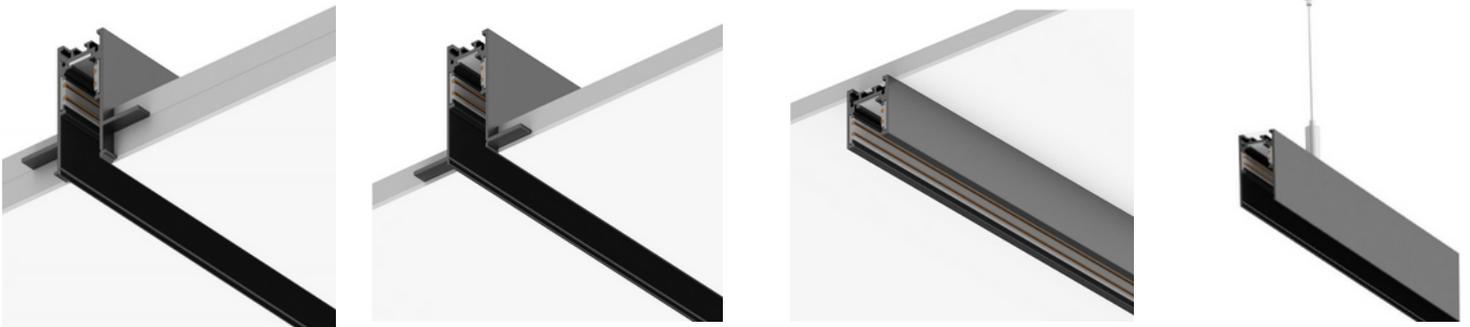
7 tracks and 3 installation

You can use trimless embedded tracks, or you can use normal track suspension or ceiling mounted.

— M35 Magnetic Track series



— M20 Magnetic Track series

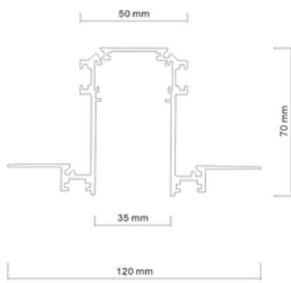
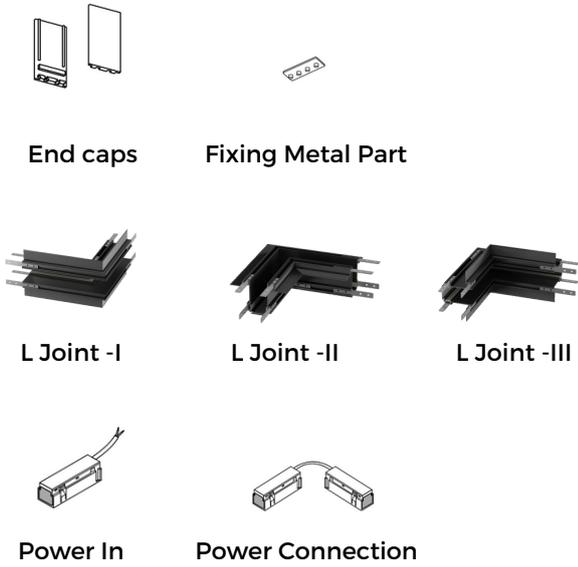


M35 Built-in recessed track

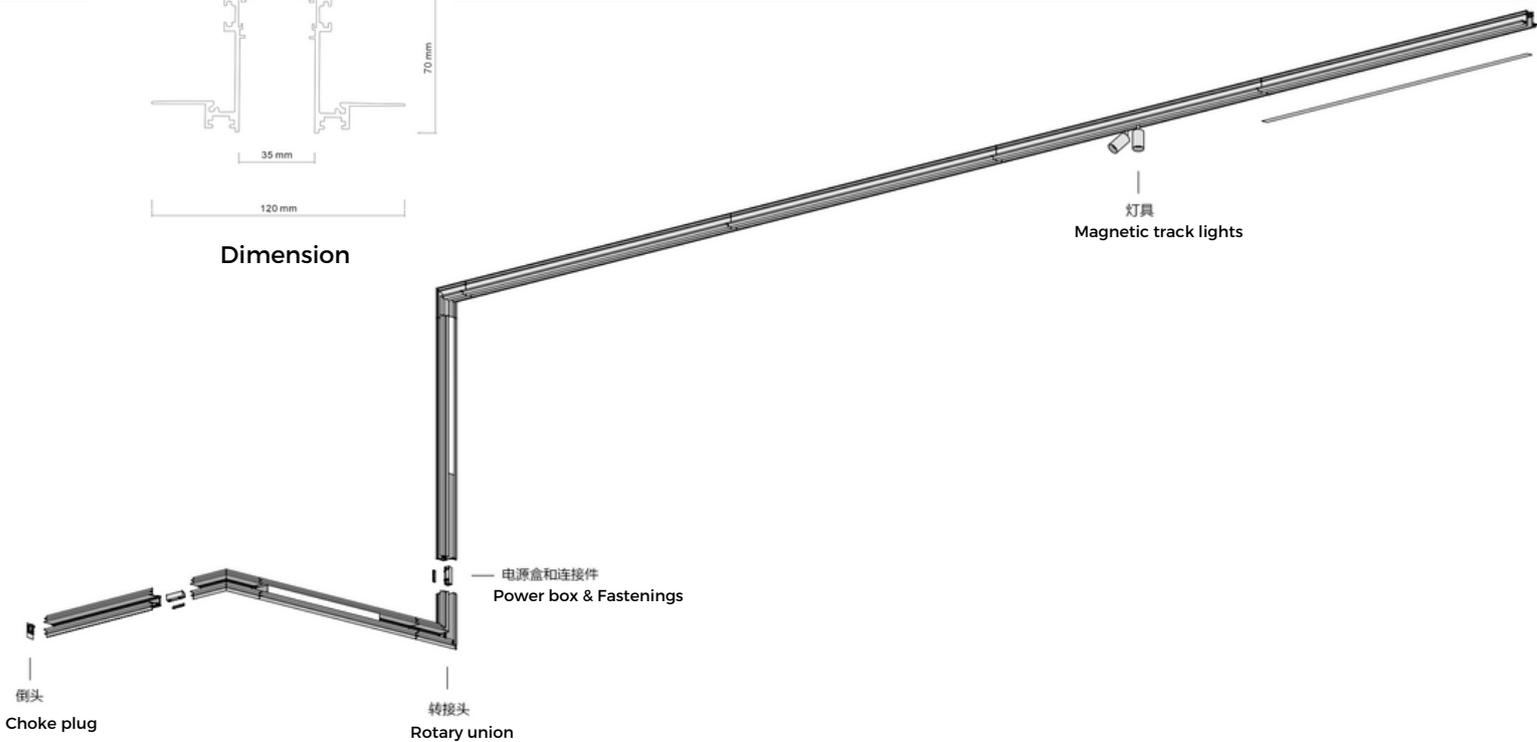
Model: LN-CMG-TFL

Available length: 0.5 / 1.0 Meter

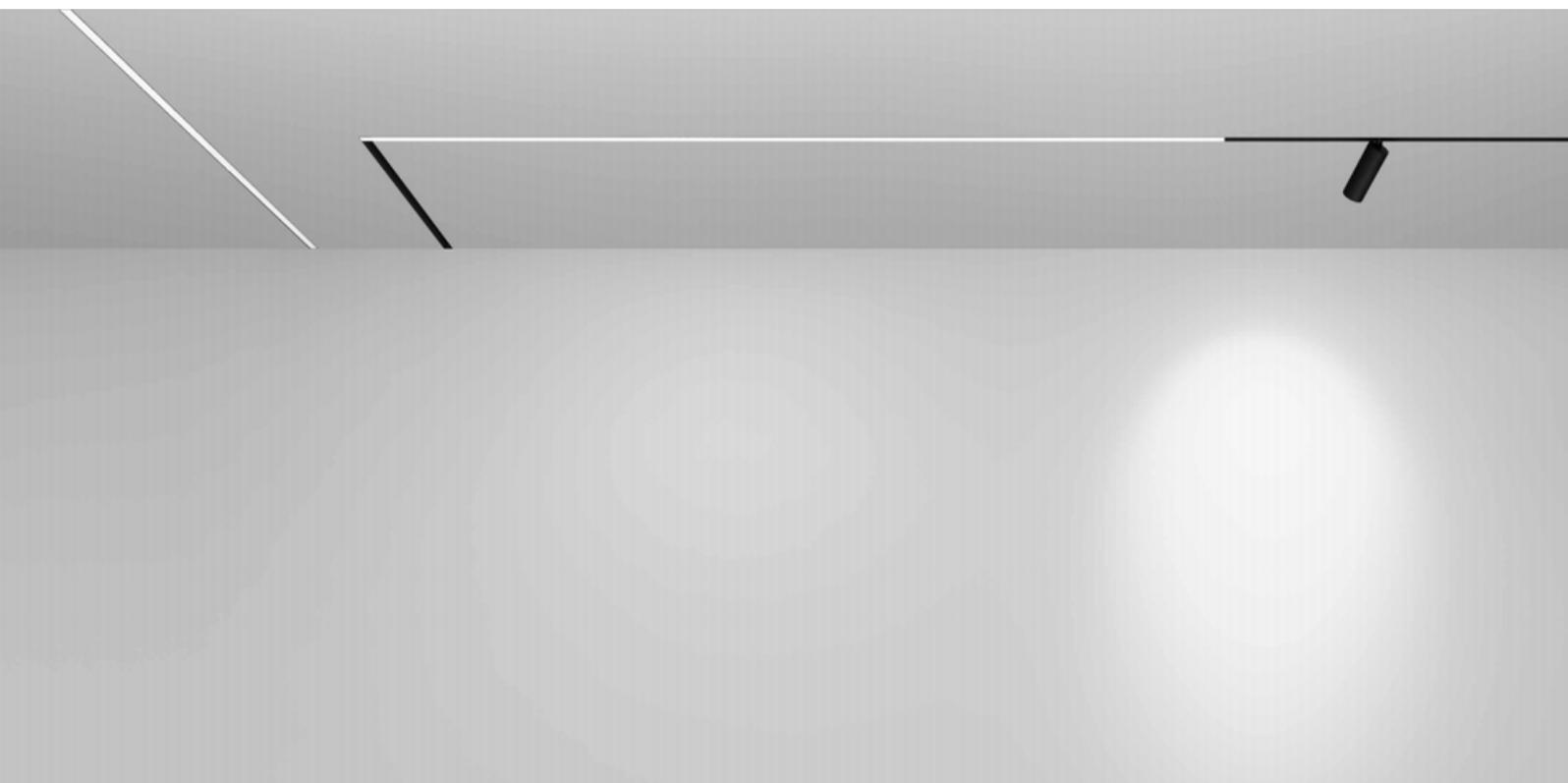
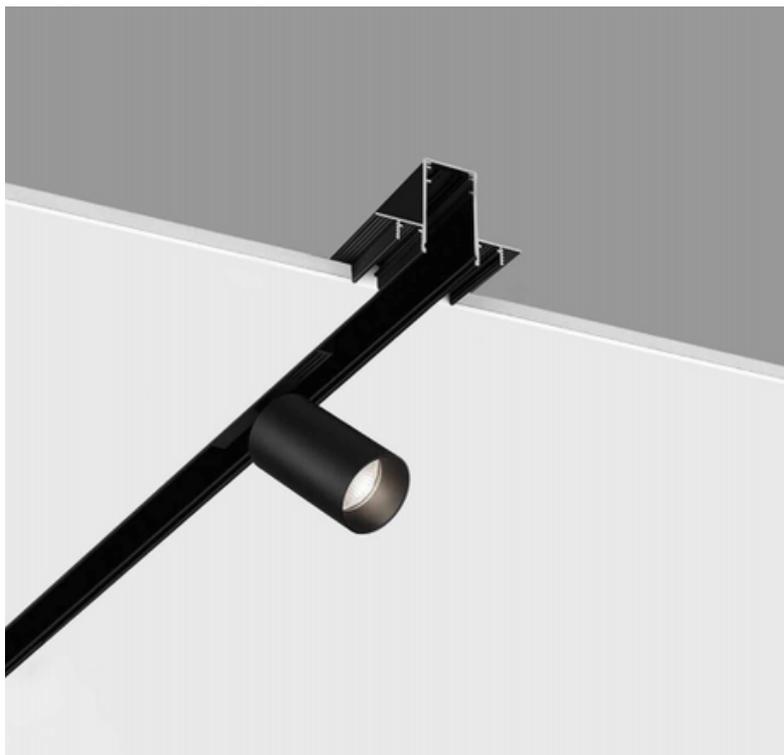
Other customized length please contact with us.



Dimension



M35 Built-in recessed track installation effects

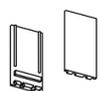


M35 Ceiling mounted track

Model: LN-CMG-TC

Available length: 0.5 / 1.0 / 2.0 Meter

Other customized length please contact with us.



End caps



Fixing Metal Part



L Joint - I



L Joint - II



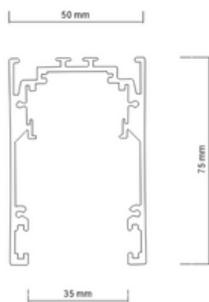
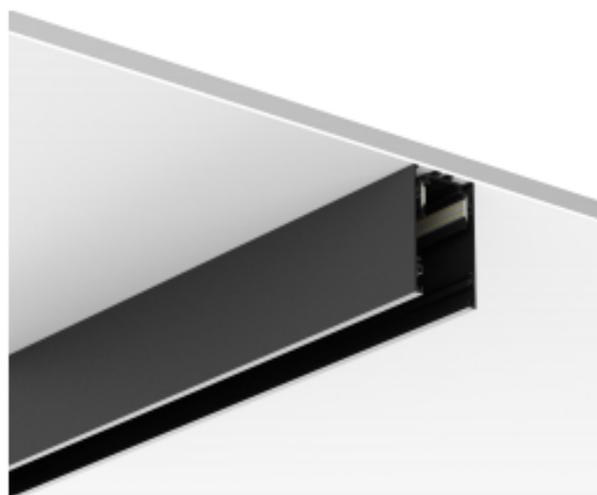
L Joint - III



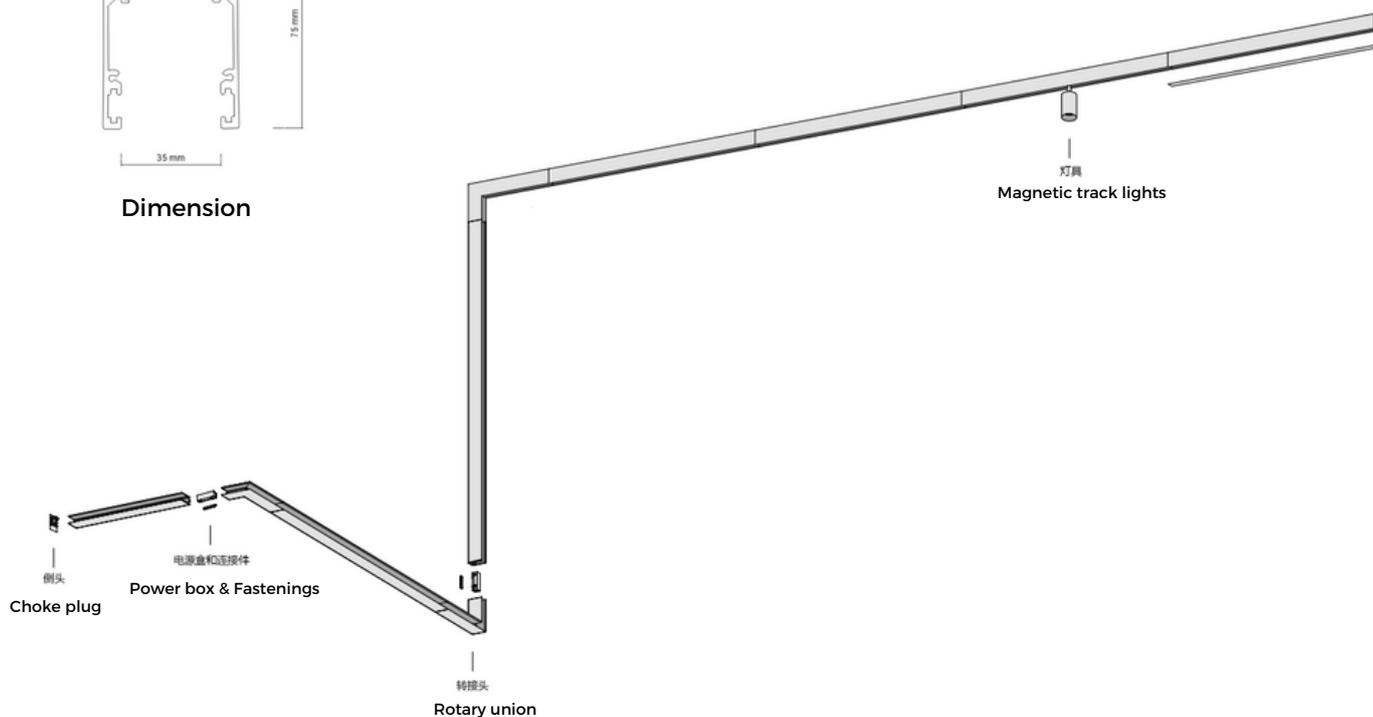
Power In



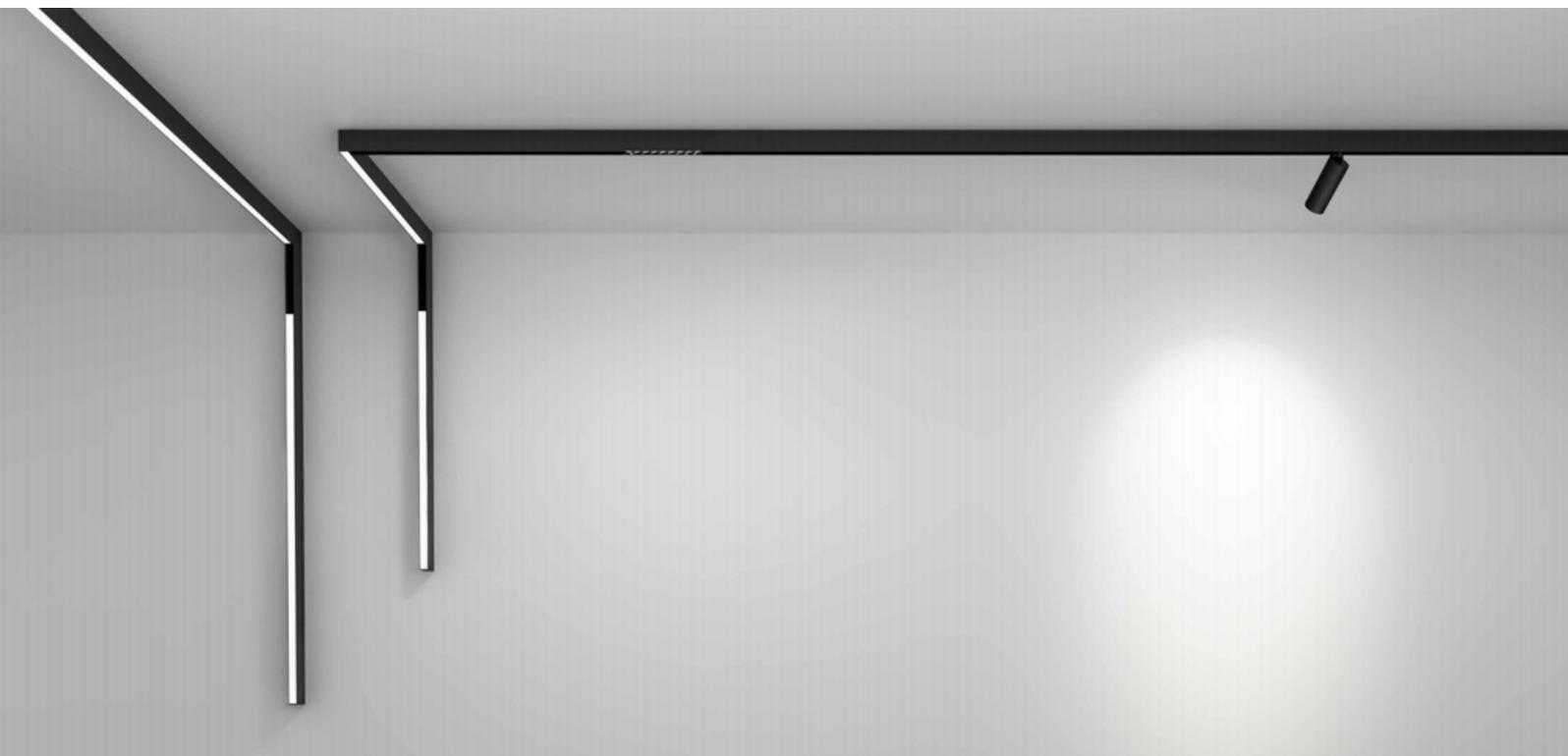
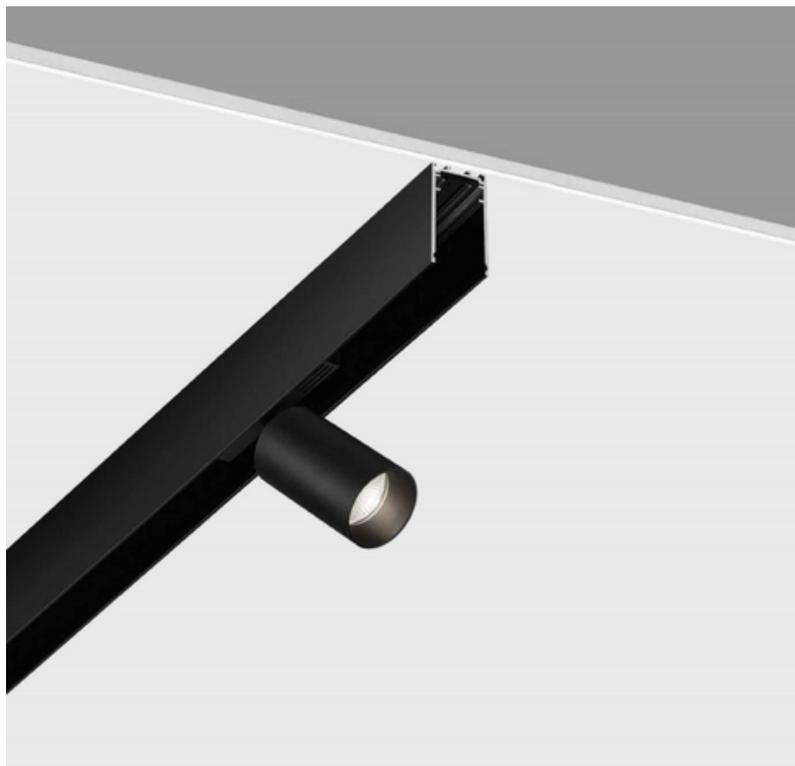
Power Connection



Dimension



— M35 Ceiling Mounted track installation effects



— M35 Pendant hanging track

Model: LN-CMG-TP

Available length: 1.0 / 1.5 / 2.0 Meter

Other customized length please contact with us.



End caps



Fixing Metal Part



L Joint - I



L Joint - II



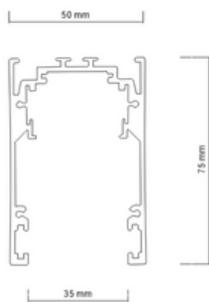
L Joint - III



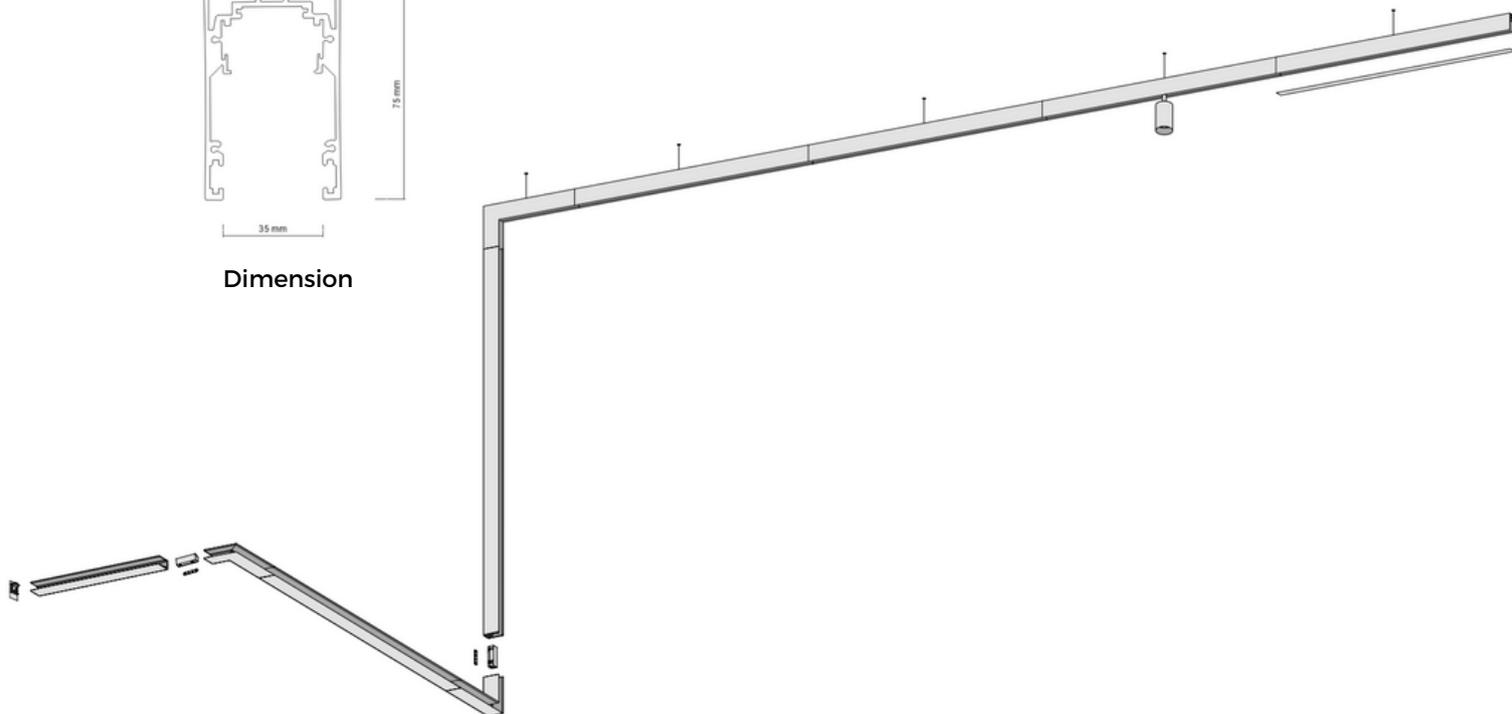
Power In



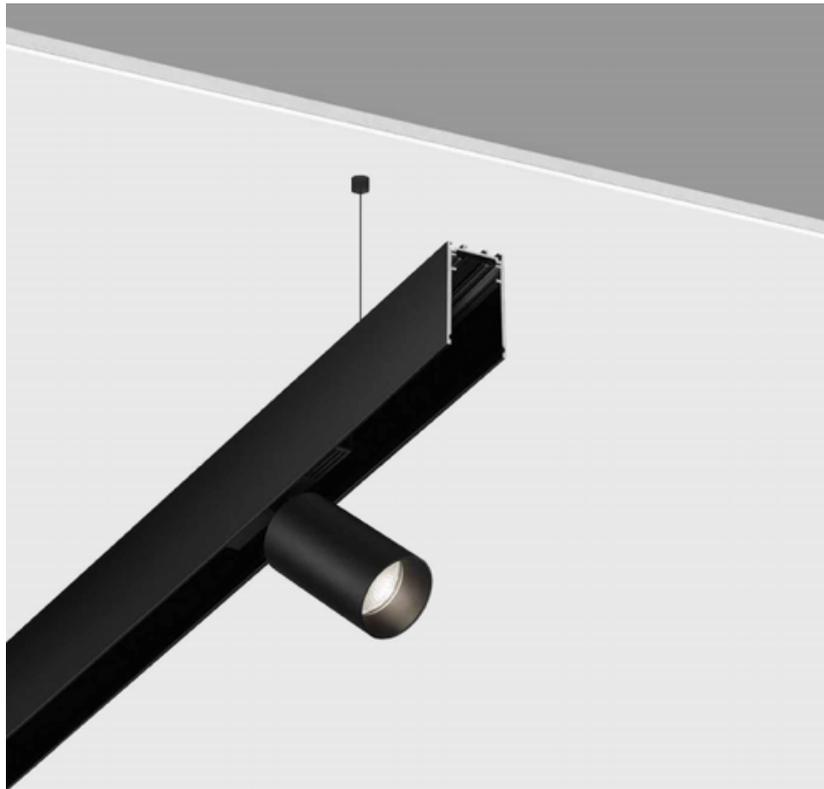
Power Connection



Dimension



— M35 hanging track installation effects

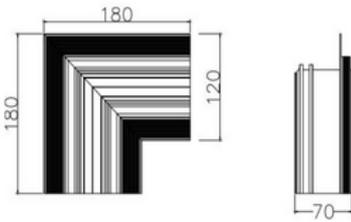


M35 Recessed track L shape joints



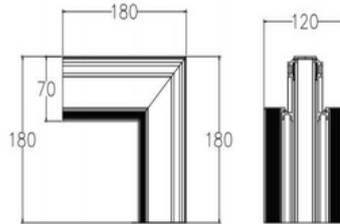
CMG-TFL-L

Size:



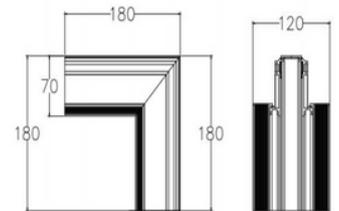
CMG-TFL-OL

Size:



CMG-TFL-IL

Size:

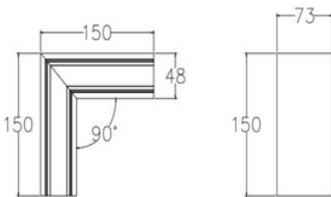


M35 Ceiling mounted track L shape joints



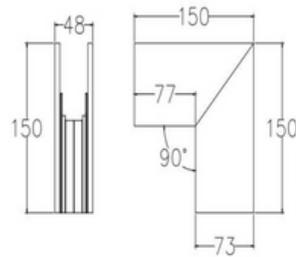
CMG-TCP-L

Size:



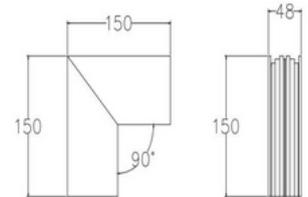
CMG-TCP-OL

Size:

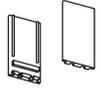


CMG-TCP-IL

Size:



— M20-TLFI Built-in recessed track



End caps



Fixing Metal Parts



L Joint - I



L Joint - II



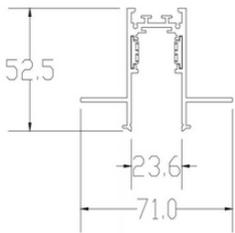
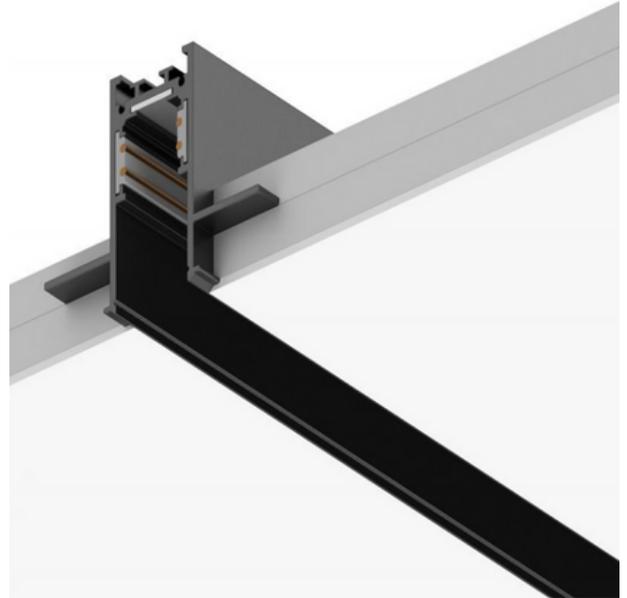
L Joint - III



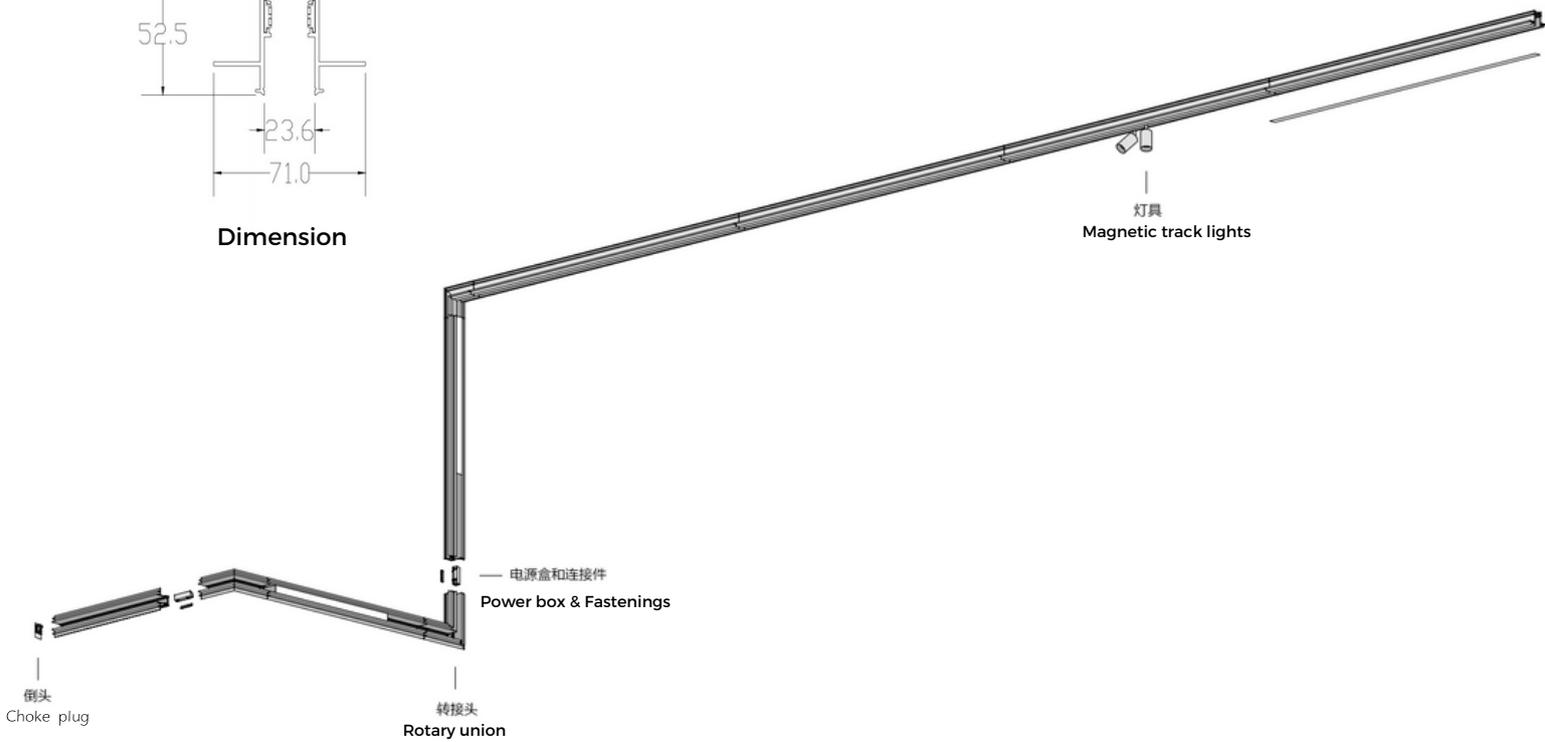
Power In



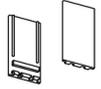
Power Connection



Dimension



— M20-TLF2 Built-in recessed track



End caps



Fixing Metal Parts



L Joint - I



L Joint - II



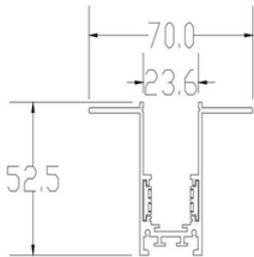
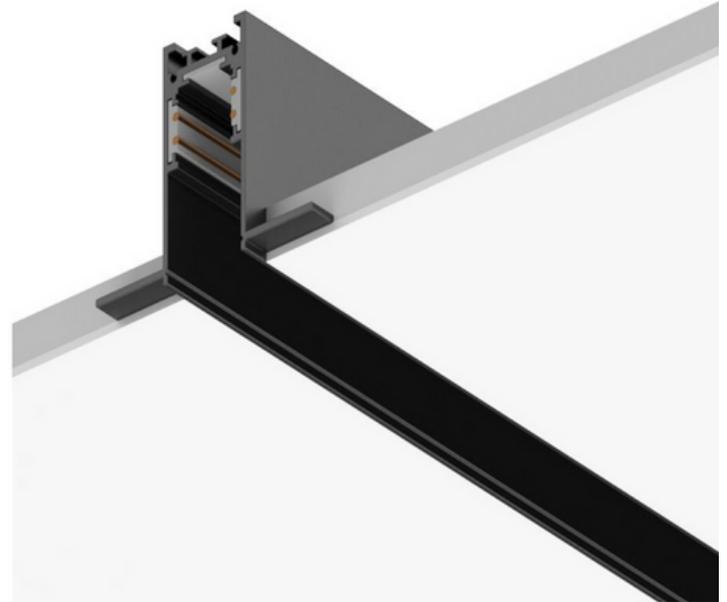
L Joint - III



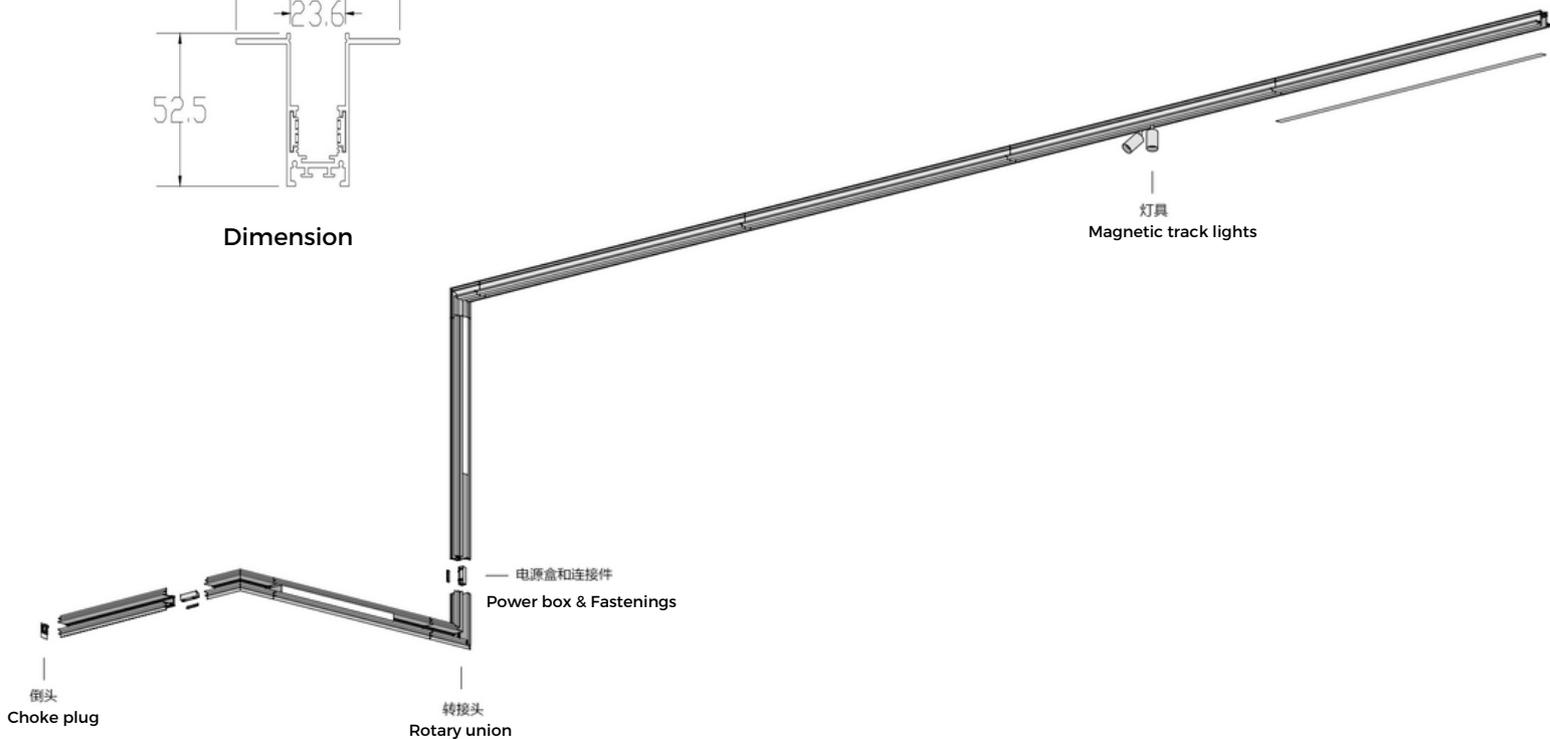
Power In



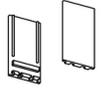
Power Connection



Dimension



M20-TC Ceiling mounted track



End caps



Fixing Metal Parts



L Joint - I



L Joint - II



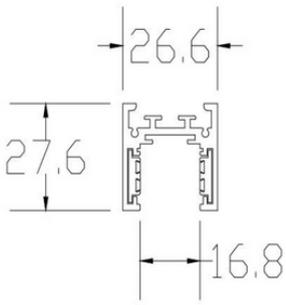
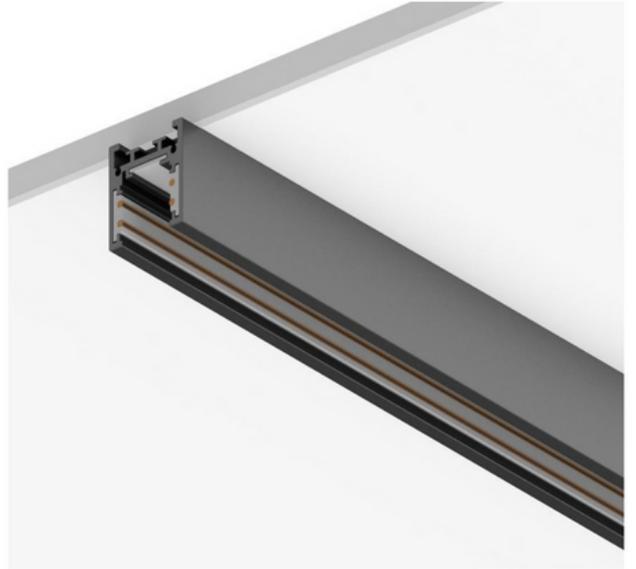
L Joint - III



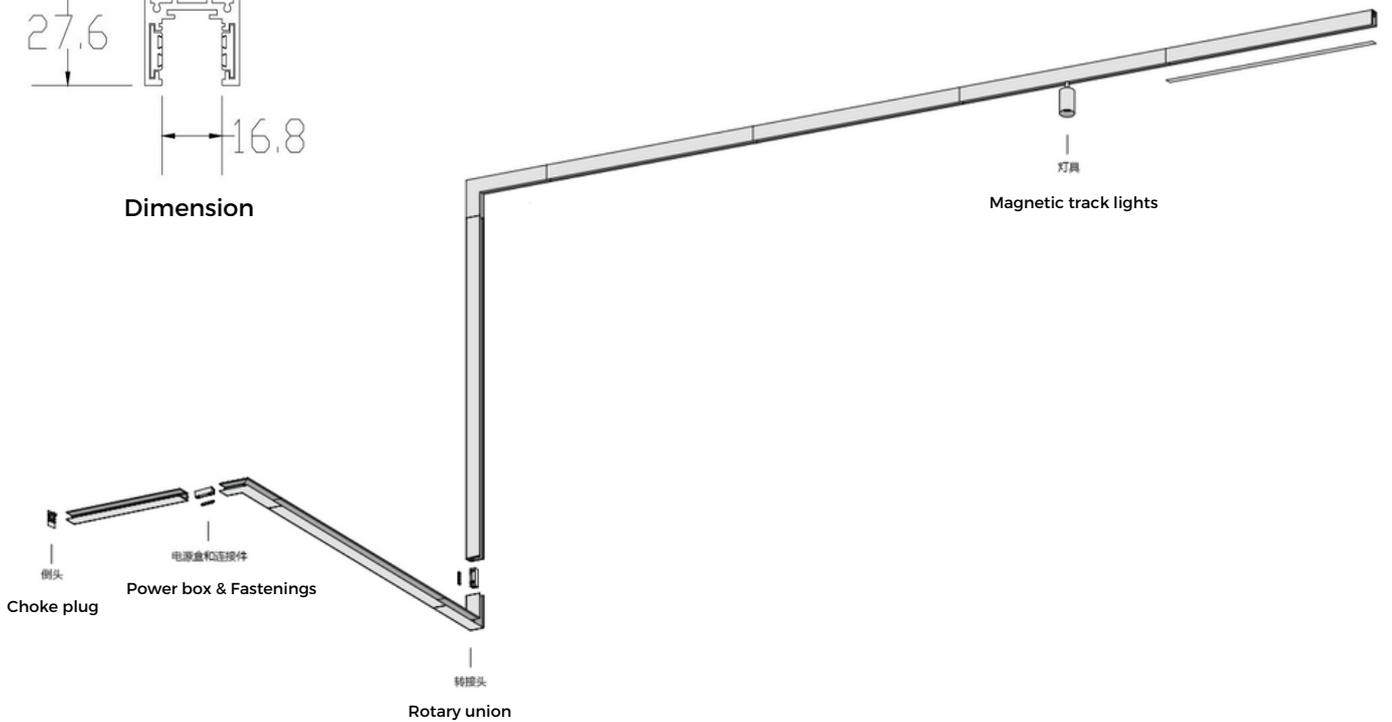
Power In



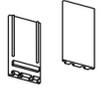
Power Connection



Dimension



— M20 -TP Pendant track



End caps



Fixing Metal Parts



L Joint -I



L Joint -II



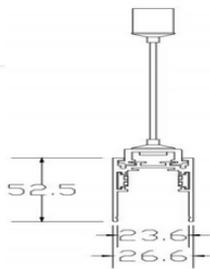
L Joint -III



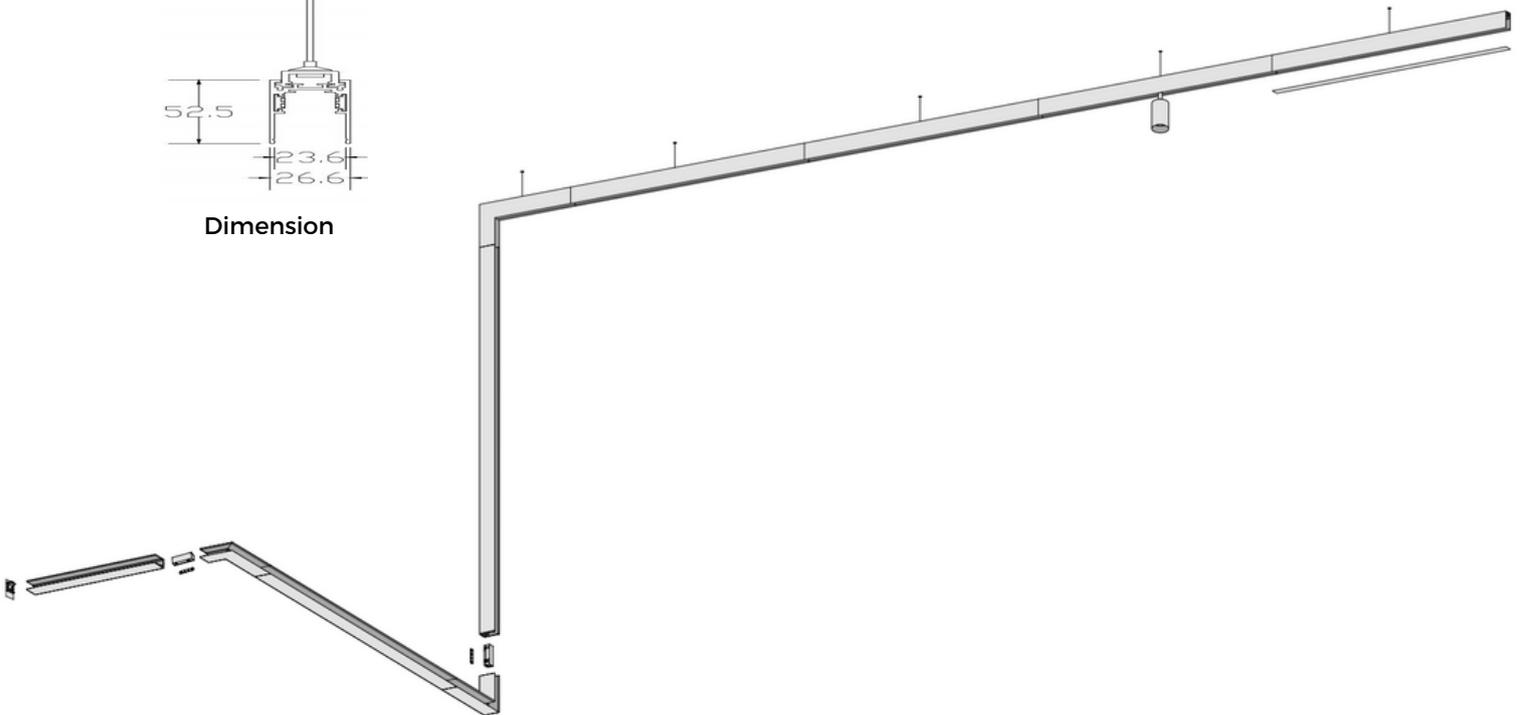
Power In



Power Connection



Dimension

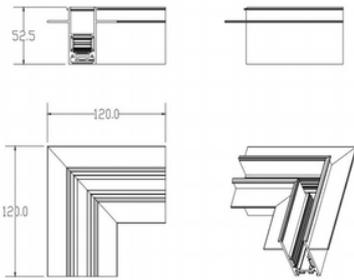


— **M20-TFL1 Recessed track L shape joints**



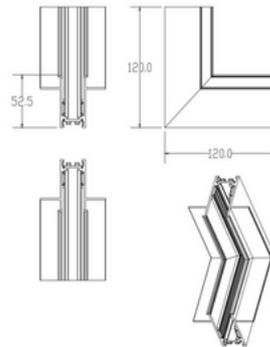
CMG2-TFL1-01

Size:



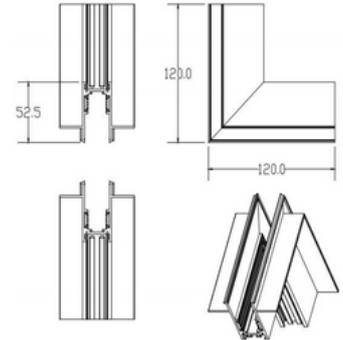
CMG2-TFL1-02

Size:



CMG2-TFL1-03

Size:

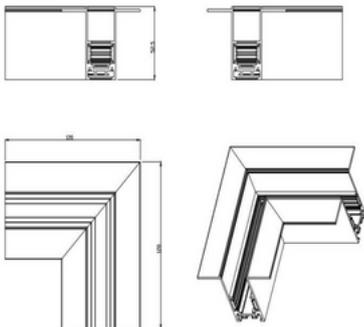


— **M20-TFL2 Recessed track L shape joints**



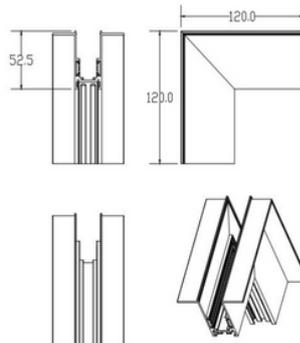
CMG2-TFL2-01

Size:



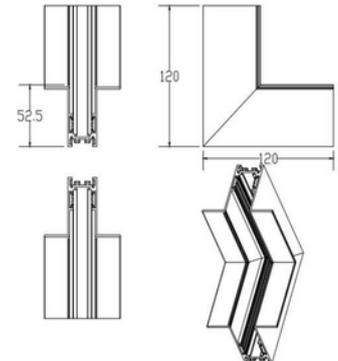
CMG2-TFL2-02

Size:



CMG2-TFL2-03

Size:

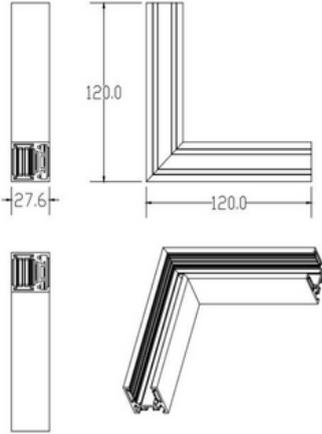


M20-TC Ceiling mounted track L shape joints



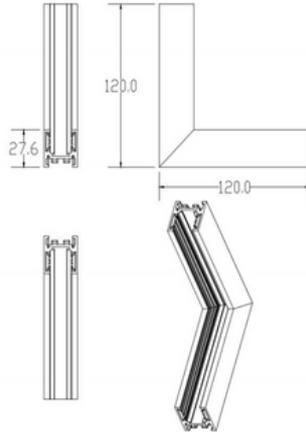
CMG2-TC-01

Size:



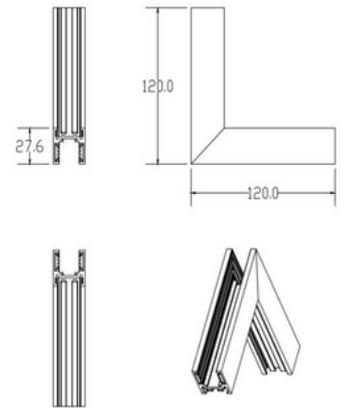
CMG2-TC-02

Size:

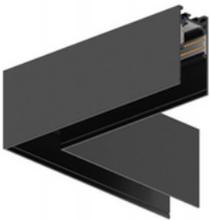


CMG2-TC-03

Size:

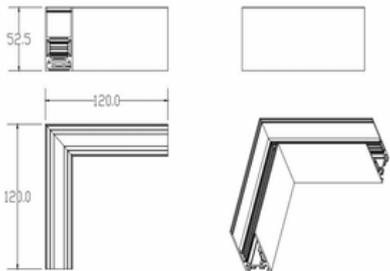


M20 -TP Hanging track L shape joints



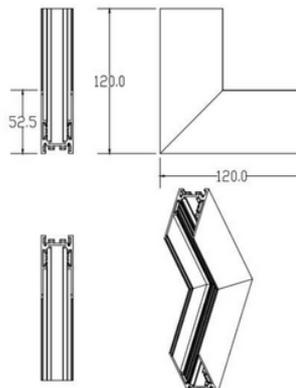
CMG2-TP-01

Size:



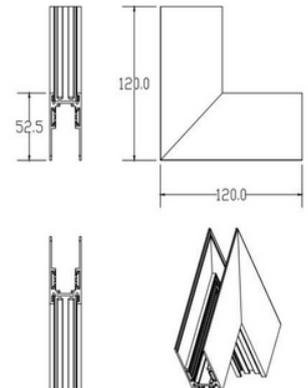
CMG2-TP-02

Size:



CMG2-TP-03

Size:



M20 Magnetic Track Accessory fittings



Power In Kit



Power I Shape Connector



Universal Angle connector



Track splicing fixed aluminum sheet



Hanging Kit -1



Hang Kit-2



End caps

M35 Magnetic Track Luminaries



CMG-TS6

Power: 6W

Luminous Flux: 420lm

Size: φ38mm, H69mm, L100mm

Beam Angle



15°



24°



36°

Chip



CREE

COB



CMG-TS12

Power: 12W

Luminous Flux: 900lm

Size: φ63mm, H83mm, L100mm

Beam Angle



15°



24°



36°

Chip



CREE

COB



CMG-TS20

Power: 20W

Luminous Flux: 2050lm

Size: φ83mm, H101mm, L100mm

Beam Angle



15°



24°



36°

Chip



CREE

COB



CMG-SB5

Power: 10W

Luminous Flux: 750lm

Size: L138mm, W35mm, H122mm

Beam Angle



15°



24°



36°

Chip



CREE
OSRAM

SMD



CMG-SB10

Power: 20W

Luminous Flux: 1500lm

Size: L272mm, W35mm, H125mm

Beam Angle



15°



24°



36°

Chip



CREE
OSRAM

SMD



CMG-S10

Power: 20W

Luminous Flux: 1500lm

Size: L270mm, W35mm, H66mm

Beam Angle



15°



24°



36°

Chip



CREE
OSRAM

SMD

— M35 Magnetic Track Luminaries



CMG-L300

Power: 15W

Luminous Flux: 1350lm

Size: L268mm, W35mm, H66mm

Beam Angle



110°

Chip



OSRAM

SMD



CMG-L600

Power: 30W

Luminous Flux: 2700lm

Size: L533mm, W35mm, H66mm

Beam Angle



110°

Chip



OSRAM

SMD



CMG-TS20

Power: 20W

Luminous Flux: 1800lm

Size: L268mm, W35mm, H66mm,

Beam Angle



Wall washer

Chip



OSRAM

SMD



CMG-TS6

Power: 10W

Luminous Flux: 750lm

Size: φ60mm, H280mm

Beam Angle



25°



40°



60°

Chip



CREE
OSRAM

COB



CMG-TS12

Power: 30W

Luminous Flux: 2250lm

Size: L135mm, W47mm, H175mm,

Beam Angle



15°



30°

Chip



OSRAM

SMD

M20 Magnetic Track Luminaries



CMG2-S6

Power: 6W

Luminous Flux: 400lm

Size: L105mm, W22mm, H44mm

Beam Angle



30°

Chip



OSRAM

SMD



CMG2-S12

Power: 12W

Luminous Flux: 800lm

Size: L195mm, W22mm, H44mm

Beam Angle



30°

Chip



OSRAM

SMD



CMG2-S24

Power: 24W

Luminous Flux: 1600lm

Size: L385mm, W22mm, H44mm

Beam Angle



30°

Chip



OSRAM

SMD



CMG2-L300

Power: 12W

Luminous Flux: 960lm

Size: L303mm, W22mm, H44mm

Beam Angle



120°

Chip



OSRAM

SMD



CMG2-L600

Power: 24W

Luminous Flux: 1920lm

Size: L603mm, W22mm, H44mm

Beam Angle



120°

Chip



OSRAM

SMD



CMG2-TS6

Power: 6W

Luminous Flux: 400lm

Size: φ38, L69mm

Beam Angle



15°



24°



38°

Chip



CREE
OSRAM

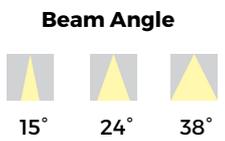
COB

M20 Magnetic Track Luminaries



CMG2-TS12

Power: 12W
Luminous Flux: 800lm
Size: ϕ 63mm, L83mm



Chip

CREE
OSRAM
COB



CMG2-SB6

Power: 6W
Luminous Flux: 400lm
Size: L118mm, W22mm, H106mm



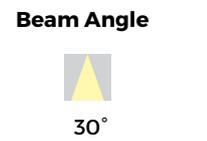
Chip

OSRAM
COB



CMG2-SB12

Power: 12W
Luminous Flux: 800lm
Size: L230mm, W22mm, H106mm



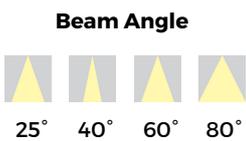
Chip

OSRAM
COB



CMG2-P2

Power: 6W
Luminous Flux: 500lm
Size: ϕ 100mm, L149mm



Chip

OSRAM
SMD



CMG2-P3

Power: 6W
Luminous Flux: 500lm
Size: ϕ 120mm



Chip

OSRAM
SMD



CMG2-P1

Power: 6W
Luminous Flux: 400lm
Size: ϕ 46mm, L280mm



Chip

CREE
OSRAM
COB

— Power supply external type



Meanwell LRS-35-48

Power: 35W
Input: 85-264VAC
Output: 48VDC 0.8A
Working Temp.: -30 ~ +70 °C
Working Humid.: 20 ~ 90% RH
Dimension: L99mm, W82mm, H30mm



Meanwell LRS-50-48

Power: 50W
Input: 85-264VAC
Output: 48VDC 1.1A
Working Temp.: -30 ~ +70 °C
Working Humid.: 20 ~ 90% RH
Dimension: L99mm, W82mm, H30mm



Meanwell LRS-75-48

Power: 75W
Input: 85-264VAC
Output: 48VDC 1.6A
Working Temp.: -30 ~ +70 °C
Working Humid.: 20 ~ 90% RH
Dimension: L99mm, W97mm, H30mm



Meanwell LRS-100-48

Power: 100W
Input: 85-264VAC
Output: 48VDC 2.3A
Working Temp.: -30 ~ +70 °C
Working Humid.: 20 ~ 90% RH
Dimension: L129mm, W97mm, H30mm



Meanwell LRS-150-48

Power: 150W
Input: 85-264VAC
Output: 48VDC 3.3A
Working Temp.: -30 ~ +70 °C
Working Humid.: 20 ~ 90% RH
Dimension: L159mm, W97mm, H30mm



Meanwell LRS-200-48

Power: 200W
Input: 85-264VAC
Output: 48VDC 4.4A
Working Temp.: -30 ~ +70 °C
Working Humid.: 20 ~ 90% RH
Dimension: L215mm, W115mm, H30mm



Meanwell LRS-350-48

Power: 350W
Input: 85-264VAC
Output: 48VDC 7.3A
Working Temp.: -30 ~ +70 °C
Working Humid.: 20 ~ 90% RH
Dimension: L215mm, W115mm, H30mm

— Power supply integrated type



LN-DMM-100-48

Power: 100W
Input: 100-264VAC
Output: 48VDC 2.08A
Magnetic Track: M20
Working Humid.: 20 ~ 90% RH
Dimension: L230mm, W22mm, H26mm



LN-DMM-150-48

Power: 150W
Input: 180-264VAC
Output: 48VDC 3.1A
Magnetic Track: M20
Working Humid.: 20 ~ 90% RH
Dimension: L230mm, W22mm, H26mm



LN-DMM-200-48

Power: 200W
Input: 180-264VAC
Output: 48VDC 4.17A
Magnetic Track: M20
Working Humid.: 20 ~ 90% RH
Dimension: L300mm, W22mm, H26mm



LN-DMM-100-48

Power: 100W
Input: 100-264VAC
Output: 48VDC 2.08A
Magnetic Track: M35
Working Humid.: 20 ~ 90% RH
Dimension: L150mm, W35mm, H50mm



LN-DMM-200-48

Power: 200W
Input: 180-264VAC
Output: 48VDC 4.17A
Magnetic Track: M35
Working Humid.: 20 ~ 90% RH
Dimension: L180mm, W35mm, H50mm

— 0/1-10V Dimming Function

By using the four-wire design of the magnetic track, we can support a magnetic track system which is 0/1-10V dimmable.

You can match our 0/1-10V dimming luminaries with any 0/1-10V dimmer or dimming system to achieve the ideal effects.

— DALI Dimming Function

By using the four-wire design of the magnetic track, we can support a magnetic track system which is DALI dimmable & controllable.

We are supporting DALI-2 version.

— Wireless Bluetooth Dimming & Scenes Function

By using the wireless bluetooth dimming & scene system, you could easily setting each luminaire into the exact brightness or color temperature at your will.

You can setting up as many using scenes as you need, such as: Party, Meeting, Living, Working, Movie, Study, Relaxing, etc.

Using smart phone APPs to setting, or controlling, or you could use traditional panels as follow.

What is more, you could using motion sensors, worked with the scenes together to provide you with a SMART & INTELLIGENT home or offices.



— Wireless Bluetooth Dimming & Color changing Function



LN-DDT-F5 Remote Panel

Power: Light every Powered

Type A: Dimming & color changing

Type B: Dimming only

Type C: 4 Scenes Setting

Dimension: L86mm, W86mm, H13mm



LN-DDT-SW Touching Penal

Power: AC220-240V

Type A: Dimming & color changing

Type C: 4 Scenes Setting

Dimension: L86mm, W86mm, H13mm



LN-DDT-F8 8 Bottom Penal

Power: AC100-240V

Type A: 4 Dimming & color changing

Type C: 8 Scenes Setting

Dimension: L86mm, W86mm, H13mm



For more information, please check our website link:

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