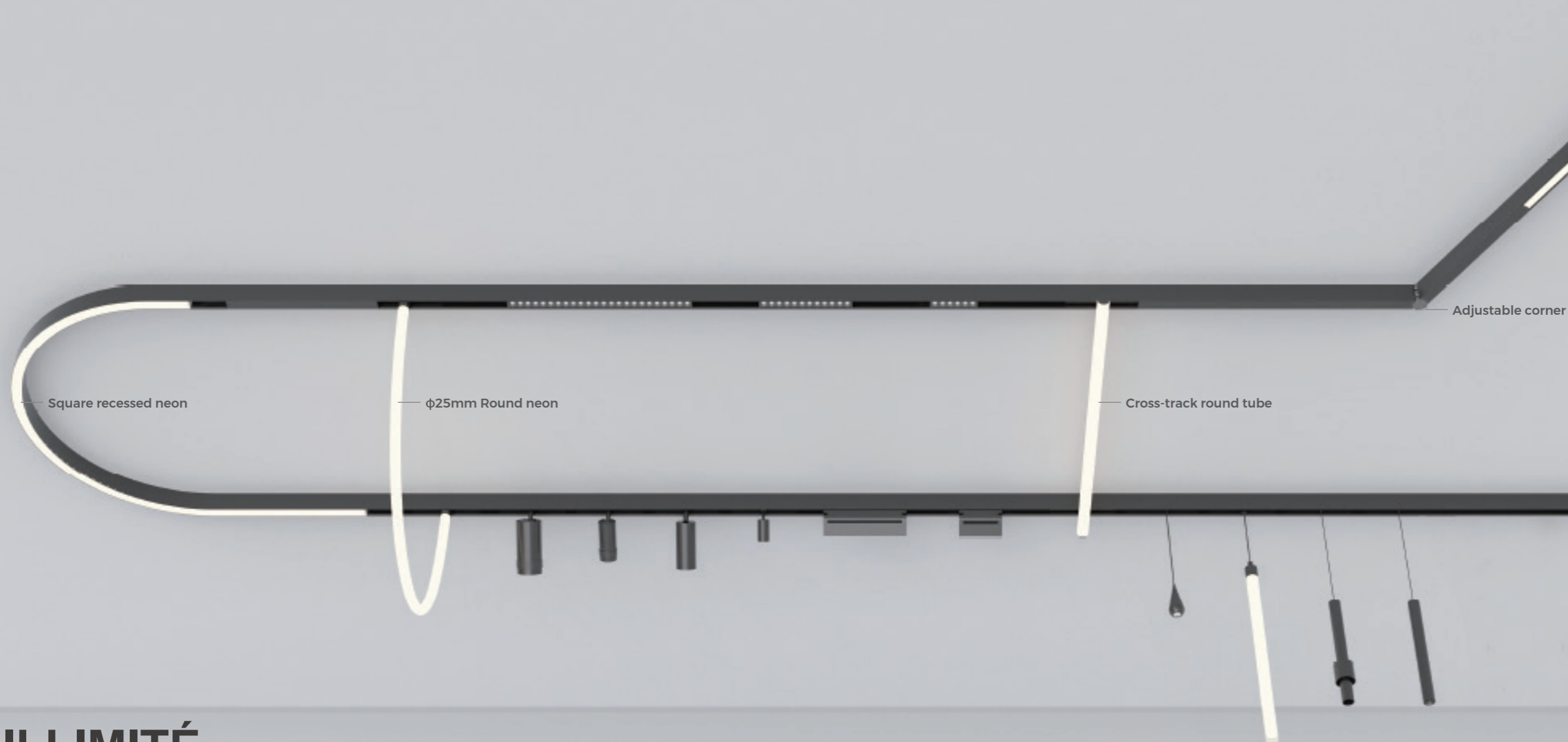


# ILLIMITÉ

48V magnetic track system





# ILLIMITÉ series

The Illimite Magnetic Track Lighting System offers a versatile lighting solution, designed with several installation options to suit different design needs:

## **Surface Tracks:**

These are ideal for surface-mounted installation. This option allows the tracks to be installed directly on ceilings or walls, offering an exposed and easily accessible lighting system.

## **Recessed Tracks:**

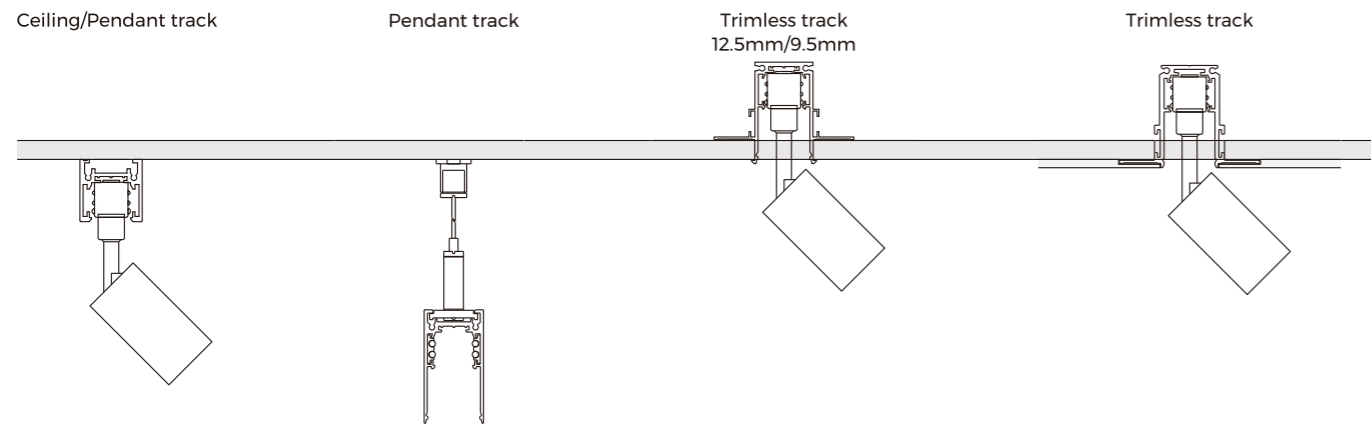
These come in a trimless, recessed format, which allows for seamless integration into plaster walls and ceilings. This provides a clean, minimalist appearance, making the tracks almost invisible.

## **Pendant Tracks:**

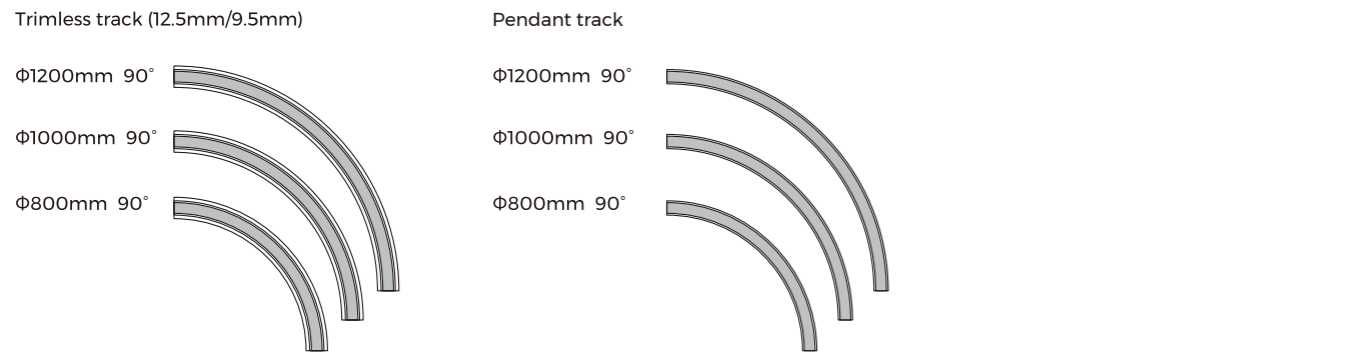
Designed for suspended installation, these tracks can be mounted from any ceiling surface, hanging down like pendants. This option is perfect for spaces requiring a more architectural or decorative lighting setup.

# System overview

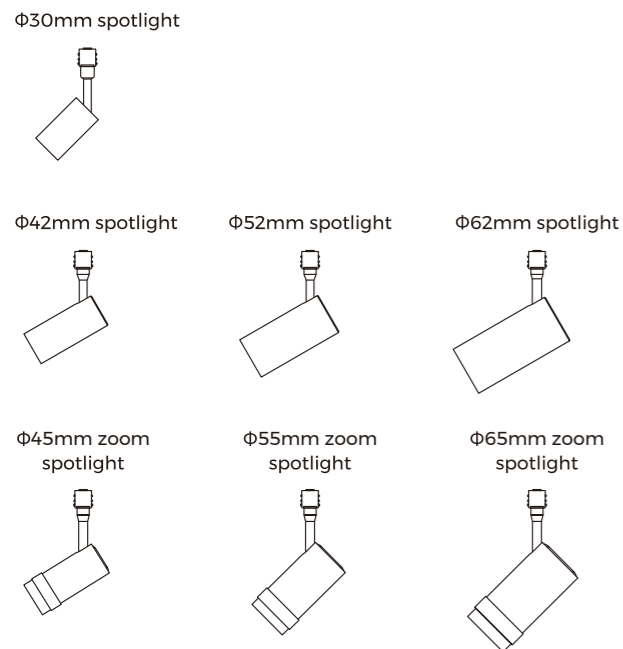
## Straight track



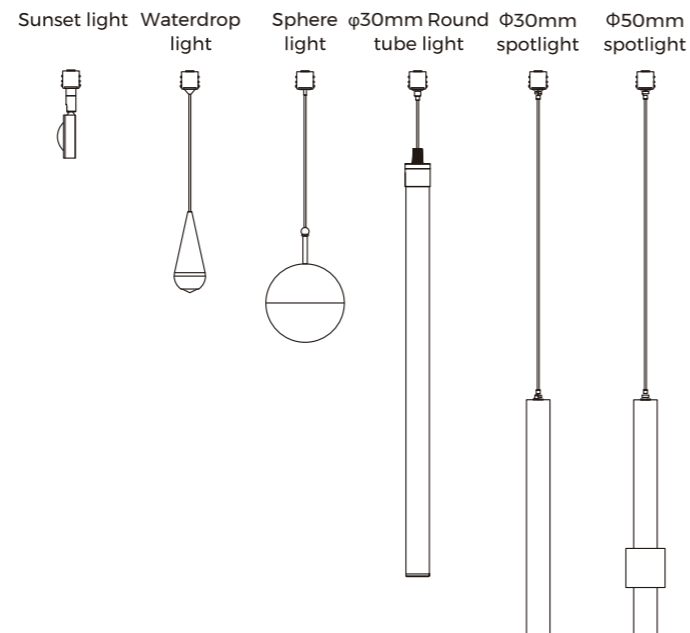
## Curve track



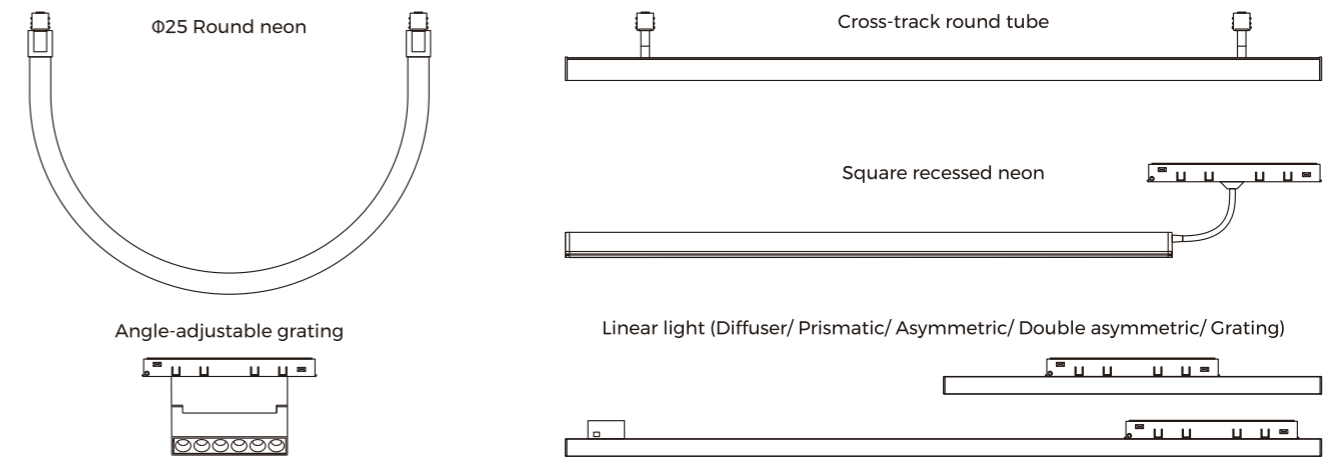
## Spotlight Module



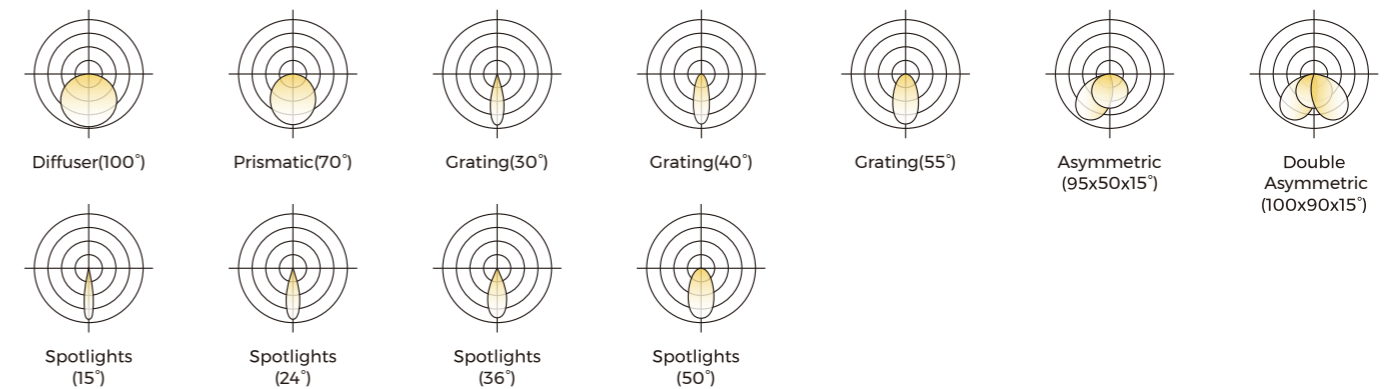
## Decorative Module



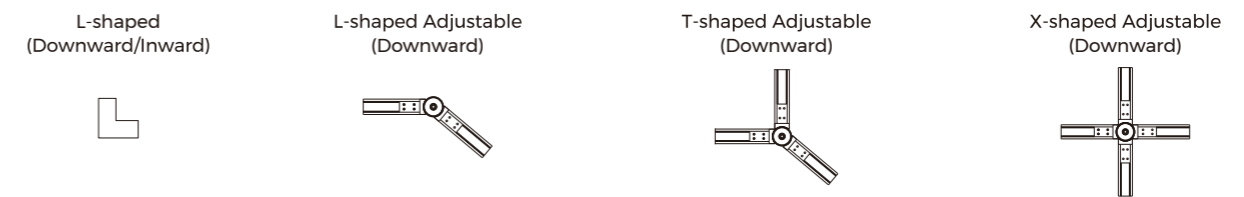
## Linear Module



## Optics



## Corner



## CCT



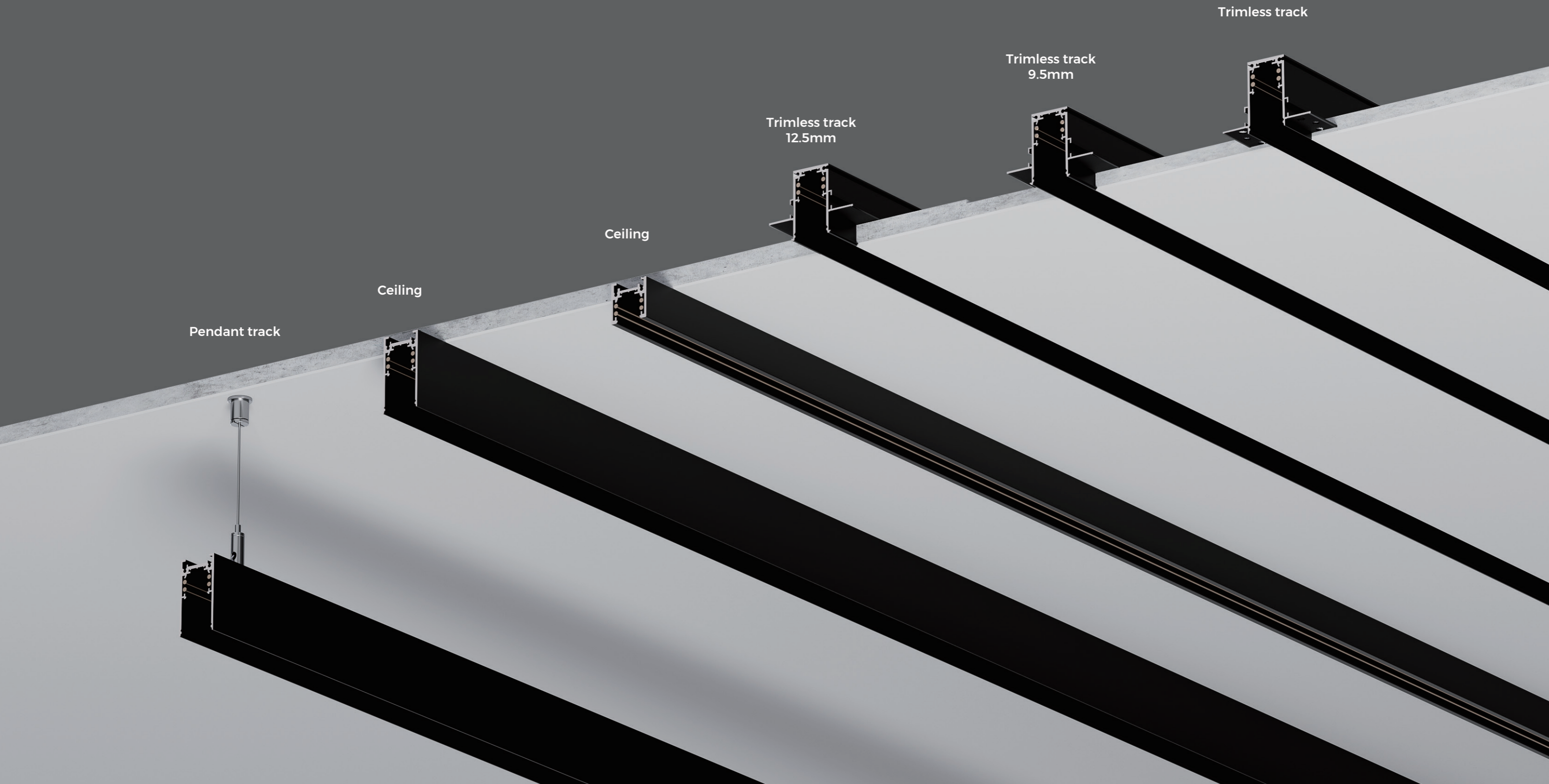
## Dimming



## Certifications



# Type of track



# Curved track

The rotation angle is 90 degrees

🌀 | Type of track

90°



# Curved track

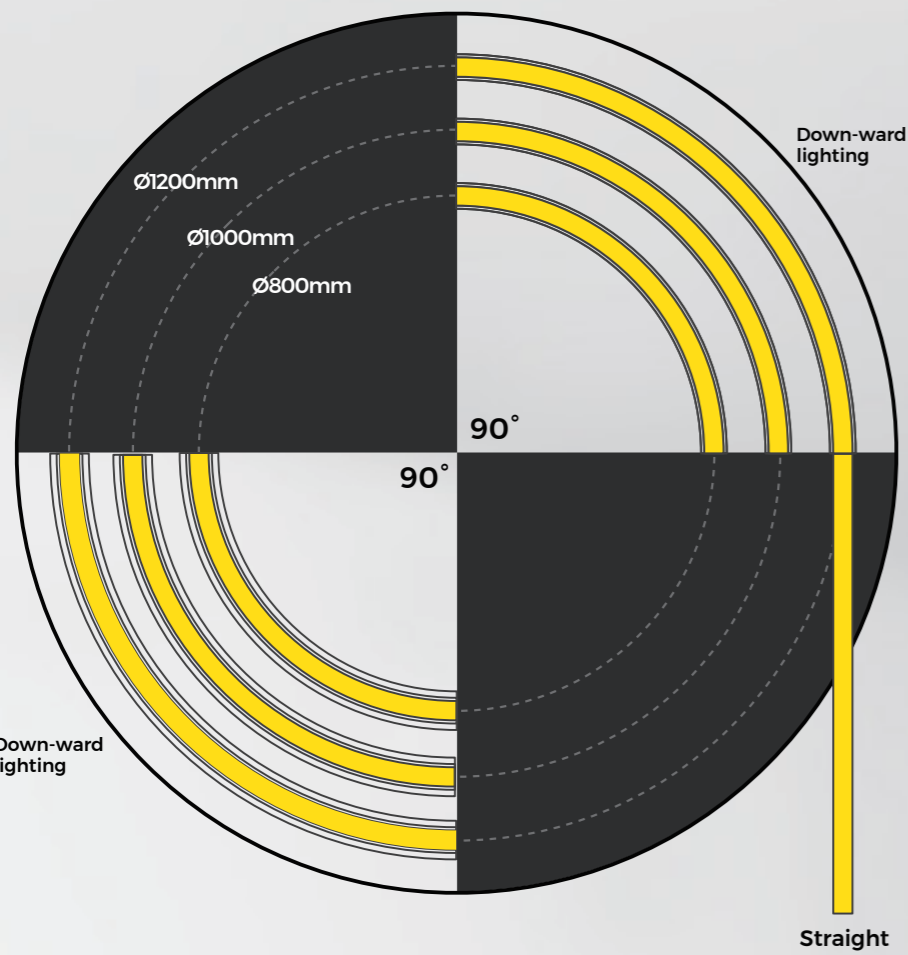
Combine with straight track for more possibilities

© | Type of track



Trimless track  
(12.5mm/9.5mm)

Pendant track



# Variety of designs

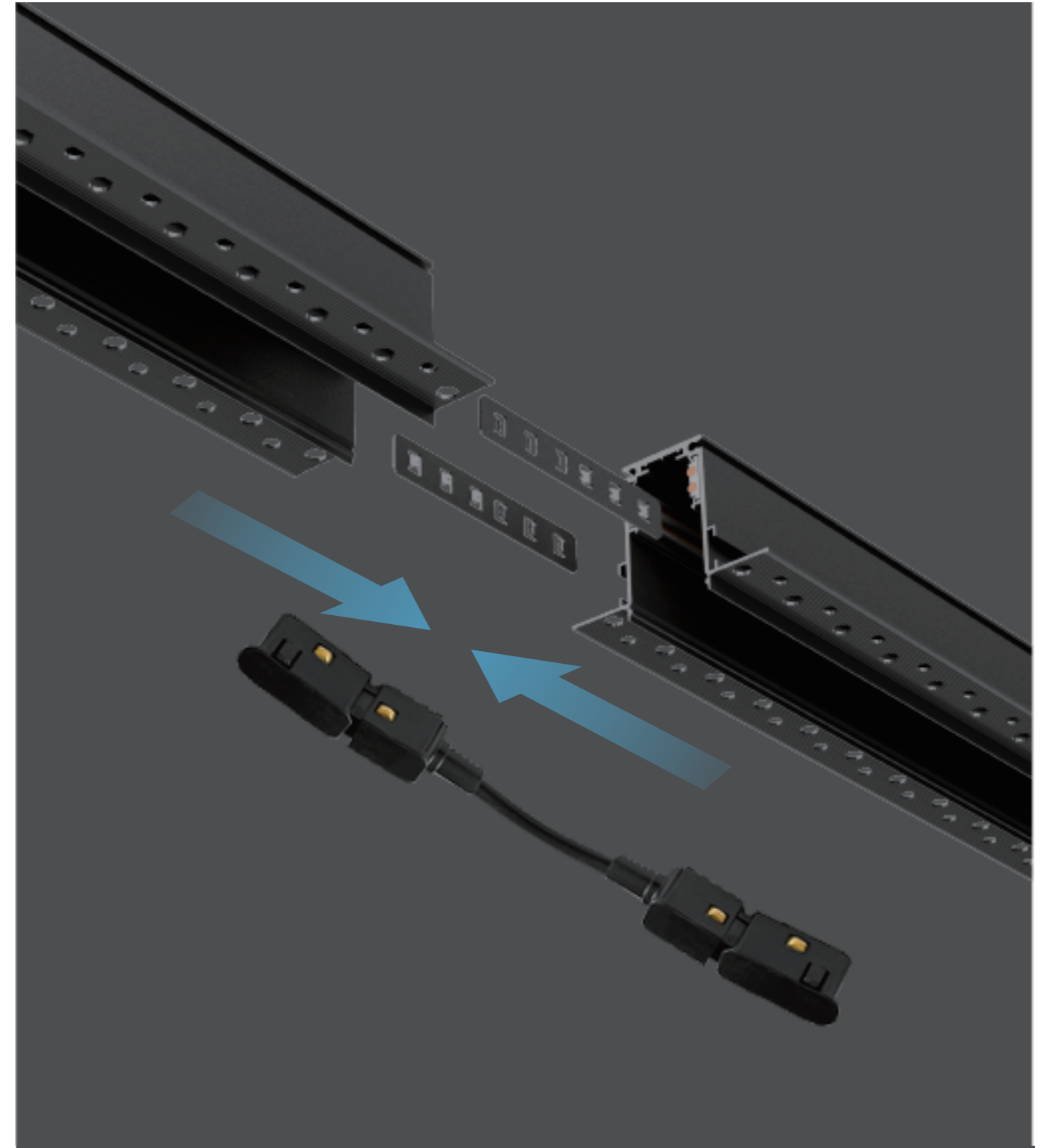
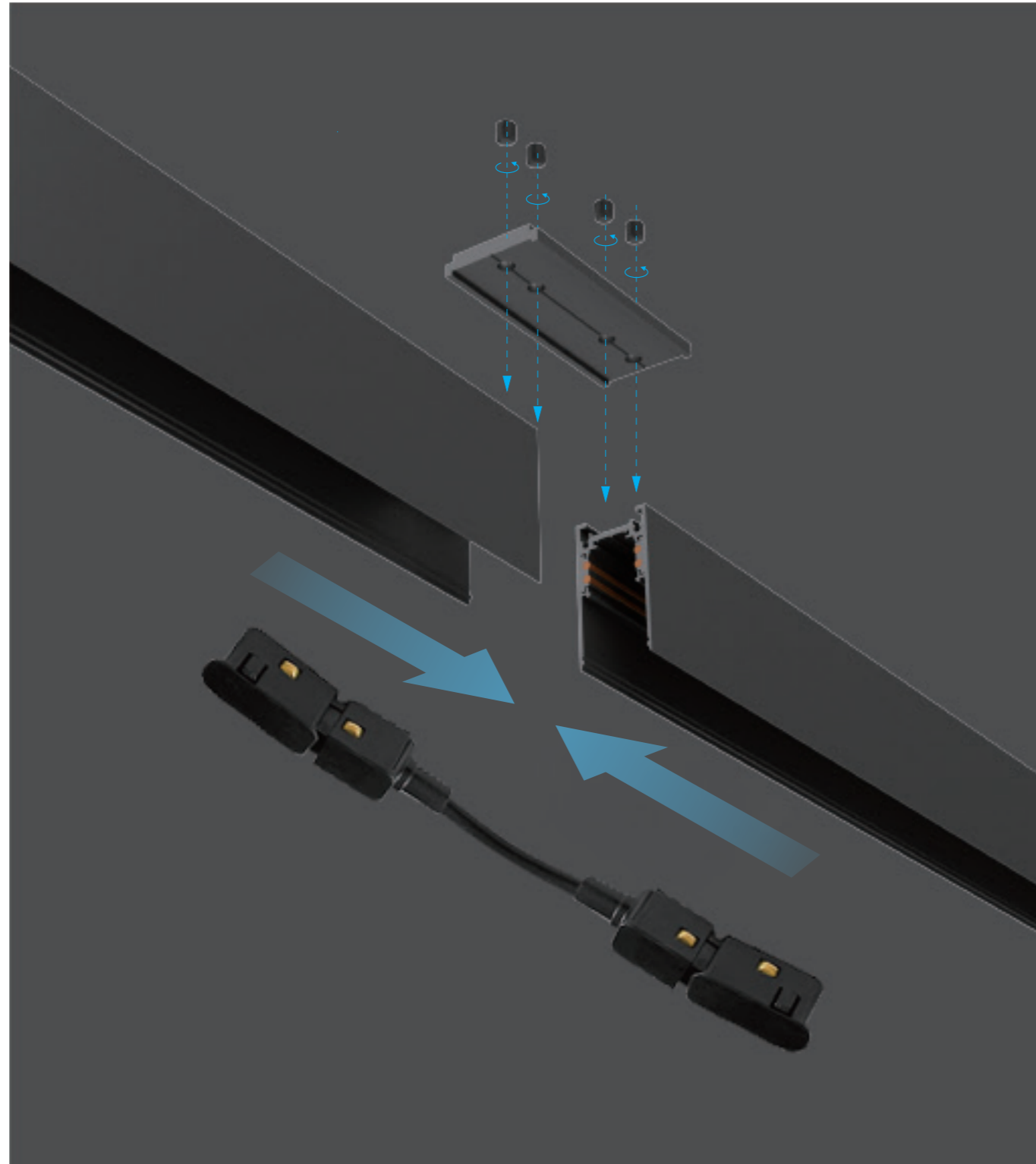
Straight lines and curves shuttle freely to realize various shapes and designs.



# Track splicing

## Easy splicing

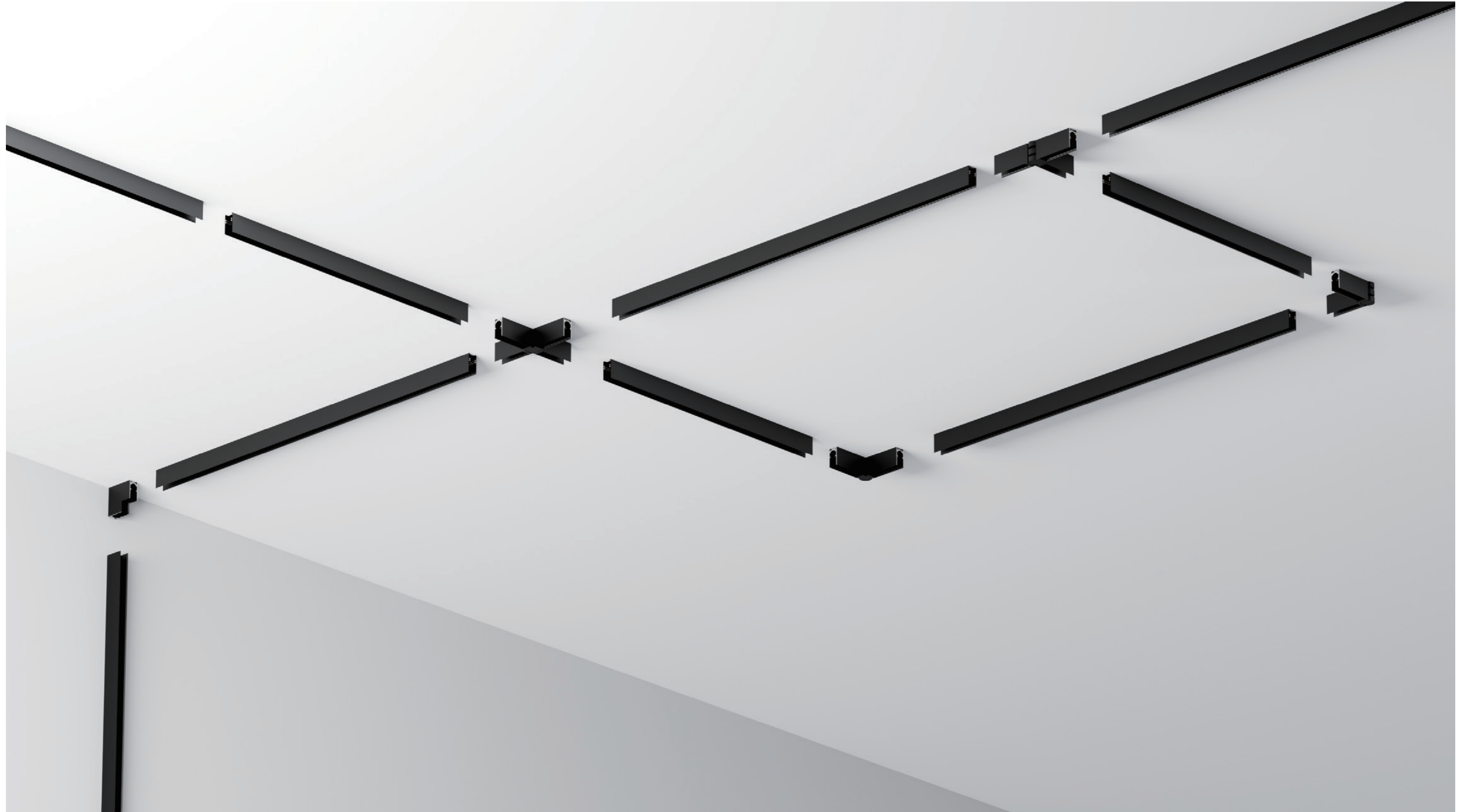
Very convenient and efficient in track splicing





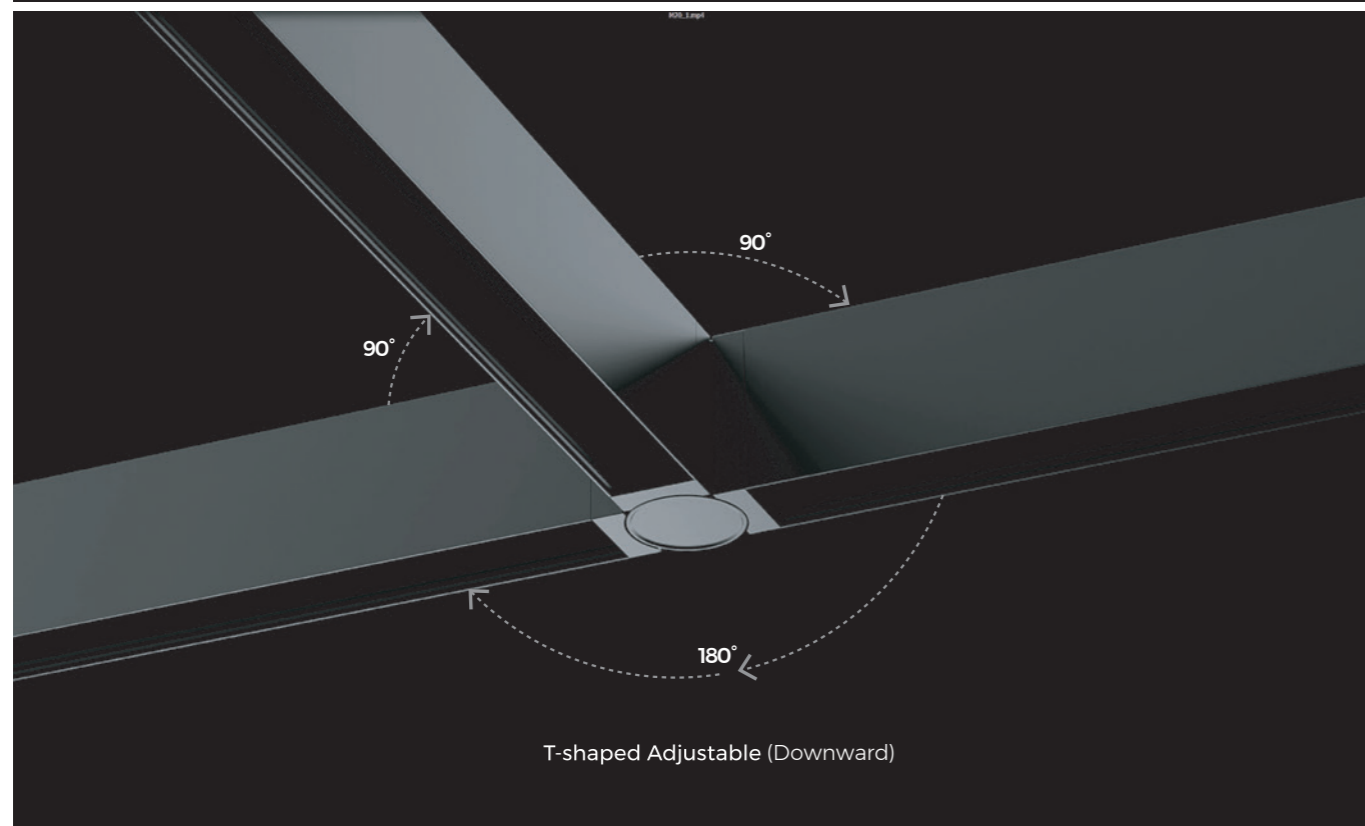
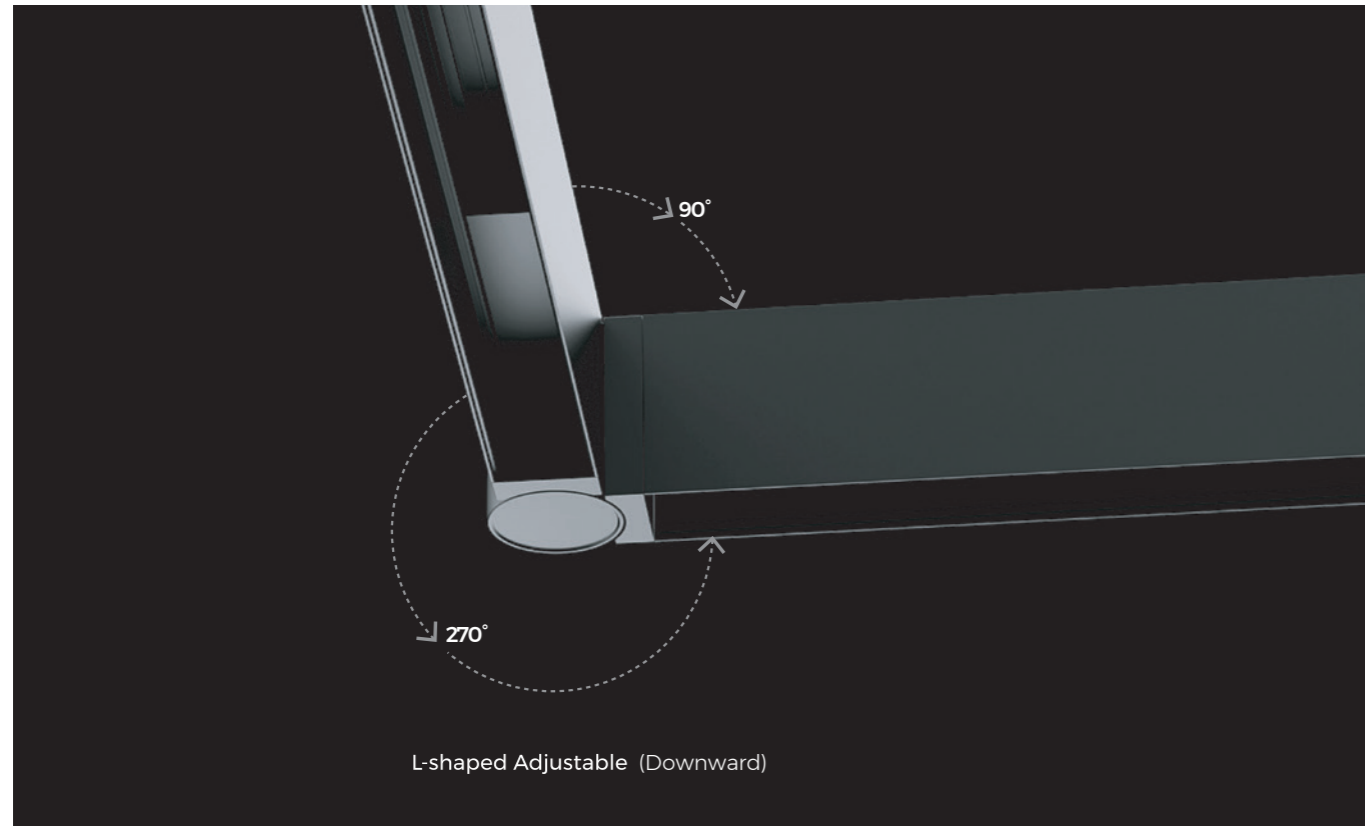
# Standard connector

13 finished accessories, no need to cut, can achieve seamless splicing



# Straight corners

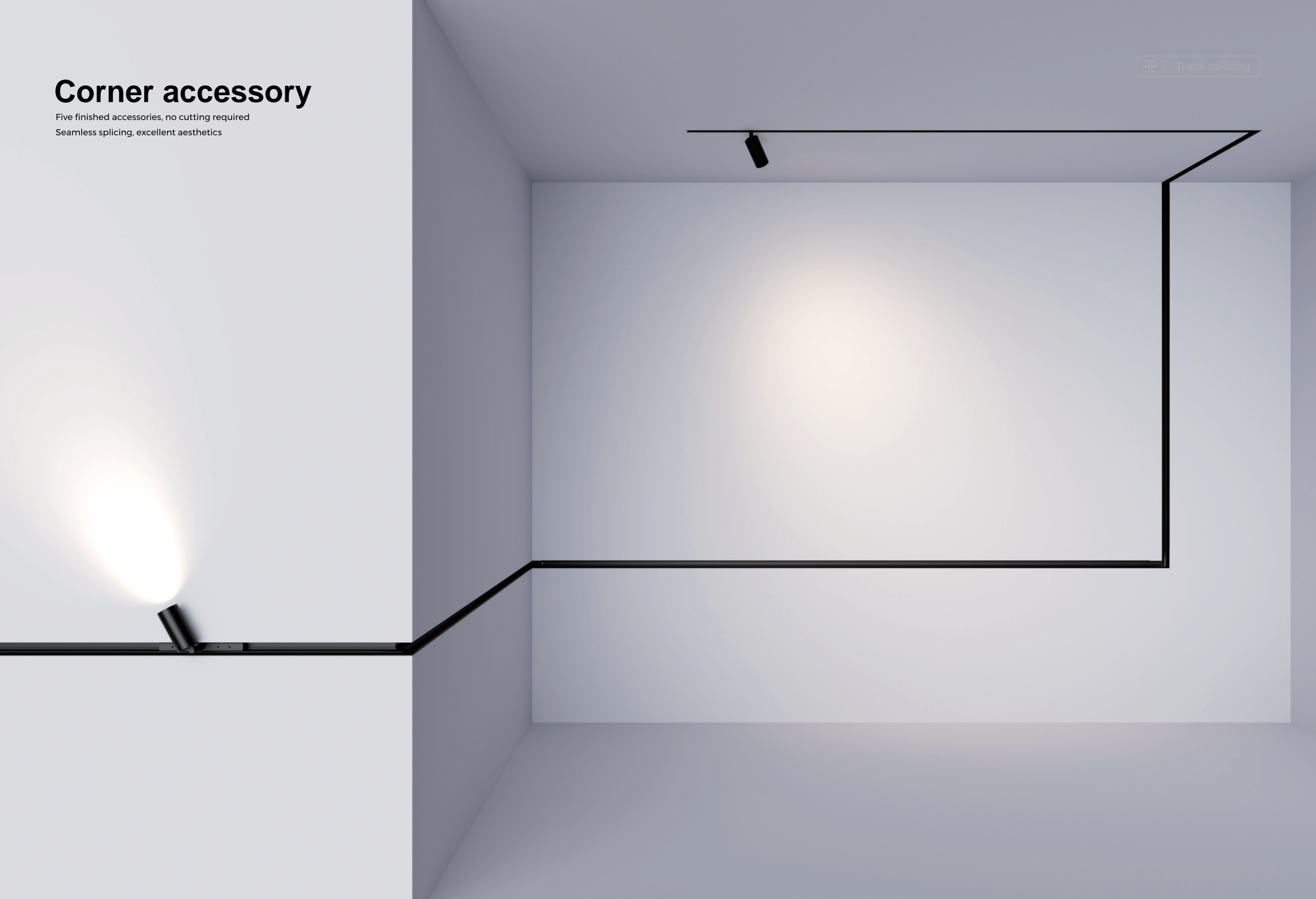
L-shaped, T-shaped and X-shaped corners can be realized, and the angle can be adjusted to achieve more possibilities.



# Corner accessory

Five finished accessories, no cutting required  
Seamless splicing, excellent aesthetics

Track splicing



# Easy installation

Easy installation

Adjustable grille modules

Spotlights

Linear-grille modules



Move close, get attracted instantly





## 3CCT Dial-switch

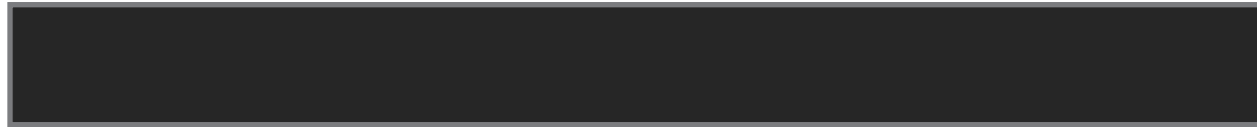
3000 K 3800 K 5000 K

All-metal housing  
Minimalist appearance



# Adaptive Voltage 24-48V

24V Magnetic Track



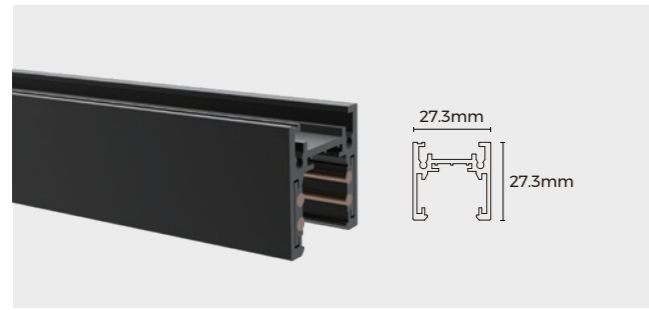
48V Magnetic Track



# Systematic lighting, effortless assembly



## Ceiling/Pendant track

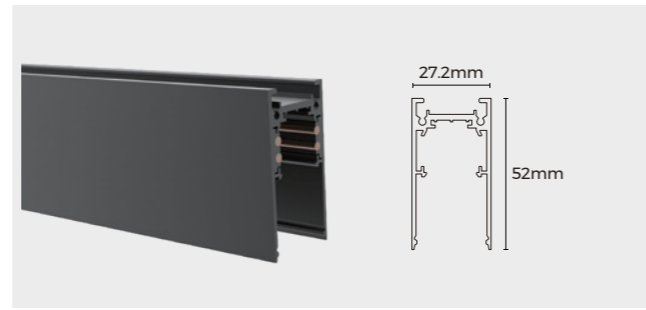


**Art. 127.0011.L.2M**

Installation: Ceiling / Pendant  
Material: AL6063-T5  
Coating: Black  
Size: 27.3×27.3×1000/2000/3000mm

Rated current: 12A

Operating Voltage	Maximum power
24V	300W
48V	580W



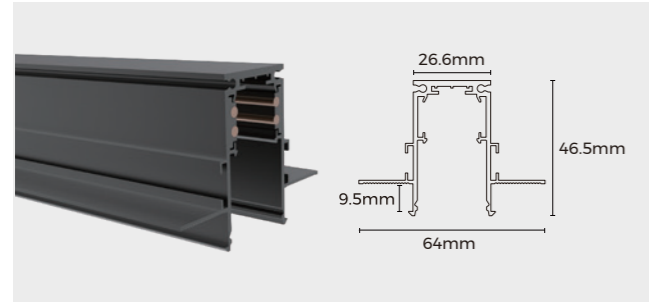
**Art. 127.0011.H. 2M**

Installation: Ceiling / Pendant  
Material: AL6063-T5  
Coating: Black  
Size: 27.2×52×1000/2000/3000mm

Rated current: 12A

Operating Voltage	Maximum power
24V	300W
48V	580W

## Trimless recessed track

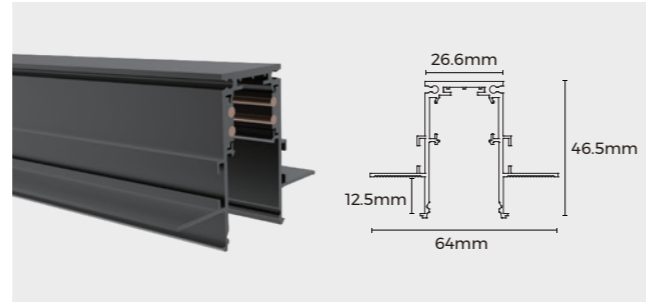


**Art. 127.0001.R.95.2M**

Installation: Trimless recessed  
Material: AL6063-T5  
Coating: Black  
Size: 64×46.5×1000/2000/3000mm

Rated current: 12A

Operating Voltage	Maximum power
24V	300W
48V	580W

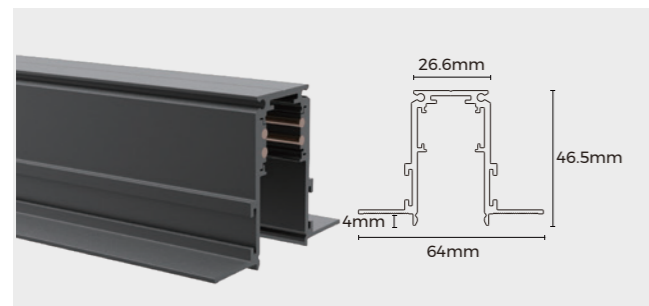


**Art. 127.0001.R.125.2M**

Installation: Trimless recessed  
Material: AL6063-T5  
Coating: Black  
Size: 64×46.5×1000/2000/3000mm

Rated current: 12A

Operating Voltage	Maximum power
24V	300W
48V	580W



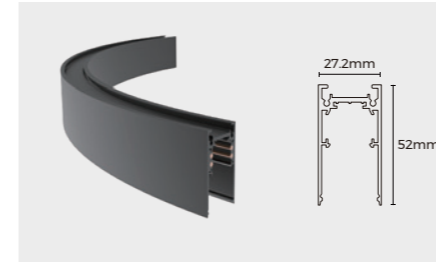
**Art. 127.0001.R.40.2M**

Installation: Trimless recessed  
Material: AL6063-T5  
Coating: Black  
Size: 64×46.5×1000/2000/3000mm

Rated current: 12A

Operating Voltage	Maximum power
24V	300W
48V	580W

## Curve track Ceiling / Pendant track

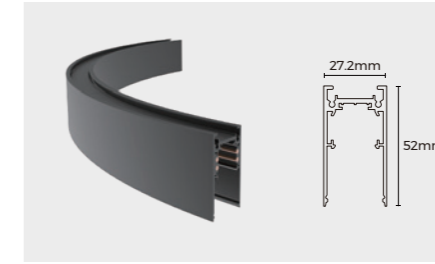


**Art. 127.0018.800mm 90°**

Installation: Ceiling / Pendant  
Material: AL6063-T5  
Coating: Black  
Rated current: 7.5A

Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 27.2×52×Φ800mm, 90°

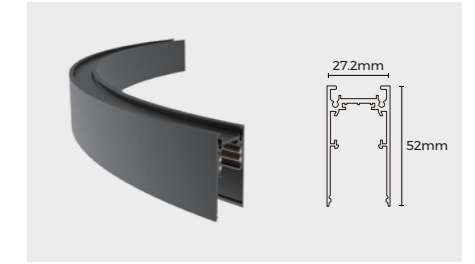


**Art. 127.0018.1000mm 90°**

Installation: Ceiling / Pendant  
Material: AL6063-T5  
Coating: Black  
Rated current: 7.5A

Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 27.2×52×Φ1000mm, 90°



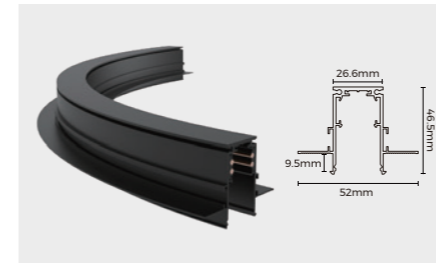
**Art. 127.0018.1200mm 90°**

Installation: Ceiling / Pendant  
Material: AL6063-T5  
Coating: Black  
Rated current: 7.5A

Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 27.2×52×Φ1200mm, 90°

## Trimless track (9.5mm gypsum board)

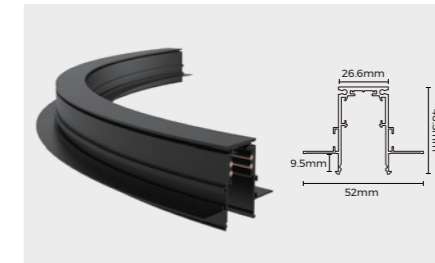


**Art. 127.0001.95.800mm 90°**

Installation: Trimless recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7.5A

Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 52×46.5×Φ800mm, 90°

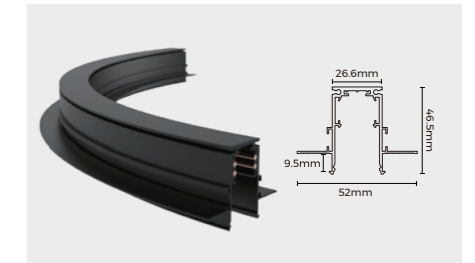


**Art. 127.0001.95.1000mm 90°**

Installation: Trimless recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7.5A

Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 52×46.5×Φ1000mm, 90°



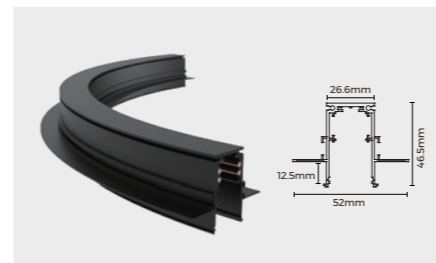
**Art. 127.0001.95.1200mm 90°**

Installation: Trimless recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7.5A

Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 52×46.5×Φ1200mm, 90°

## Trimless track (12.5mm gypsum board)

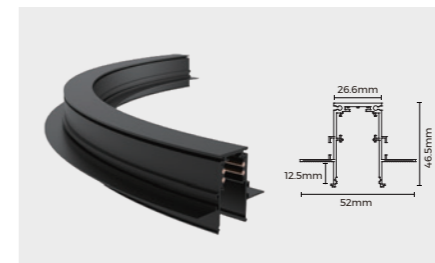


**Art. 127.0001.125.800mm 90°**

Installation: Trimless recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7.5A

Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 52×46.5×Φ800mm, 90°

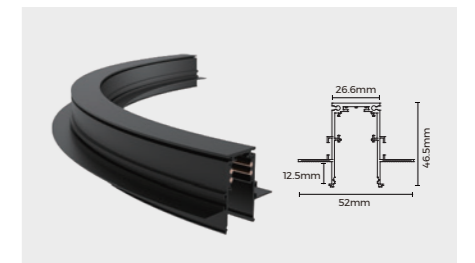


**Art. 127.0001.125.1000mm 90°**

Installation: Trimless recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7.5A

Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 52×46.5×Φ1000mm, 90°



**Art. 127.0001.125.1200mm 90°**

Installation: Trimless recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7.5A

Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 52×46.5×Φ1200mm, 90°

# Track accessories

## Electrical connection accessory



**Power feeder of track**  
**Art. 129.0041.BK/WT**  
 Size: L147×W19×H17.3mm  
 Applicable model: All straight track



**Flexx electrical connector (recessed type)**  
**Art. 129.0042R.BK/WT**  
 Model: TLS-M265  
 Size: L70×W11.5×H2.1mm(Splicing bar)  
 L78×W19×H17mm(Power feeder)



**Flexx electrical connector (surface)**  
**Art. 129.0042S.BK/WT**  
 Model: TLS-M266  
 Size: L55×W22×H4.3mm(Splicing bar)  
 L78×W19×H17mm(Power feeder)



**Electrical connector**  
**Art. 129.0043.BK/WT**  
 Size: L147×W19×H17.3mm  
 Applicable model:  
 All straight track corner

## Power supply



**Magnetic power**  
 Model: 129-HDRV100H48S-M  
 Size: L248×W22.5×H46mm  
 Input voltage: 220-240VAC  
 Output: DC48V  
 Power: 100W



**Magnetic power**  
 Model: 129-HDRV200H48S-M  
 Size: L305×W22.5×H46mm  
 Input voltage: 220-240VAC  
 Output: DC48V  
 Power: 200W



**Power supply**  
 Model: BN-V48-100P  
 Size: L350×W30×H18mm  
 Input voltage: 220-240VAC  
 Output: DC48V  
 Power: 100W



**Power supply**  
 Model: BN-V48-250P  
 Size: L400×W40×H22mm  
 Input voltage: 220-240VAC  
 Output: DC48V  
 Power: 250W

## End cap



**Art.127.EC-MS20**  
 Material: Aluminum  
 Size: L52×W27.2×H5.5mm



**Art.127.EC-MR20**  
 Material: Aluminum  
 Size: L46.5×W27.5×H5.5mm



**Art.127.EC-MM20**  
 Material: Aluminum  
 Size: L27.6×W27.5×H2.5mm

## Intallation accessory



**Track bind cover**  
**Art.127 .CV.01.- BK/WT**  
 Material: PVC  
 Size: L1000×W25.7×H5.6mm



**Ceiling accessory**  
**Art.127.CC.01.- BK/WT**  
 Material: SPCC  
 Size: L67.5×W31.5×H7.5mm



**Pendant accessory**  
**Art.127.SP.01**  
 Material: AL6063-T5  
 Size: L30×W22×H4.3mm



**Ceiling screw**  
**Art.127.CL0**  
 Material: Fe  
 Size: M3.5×40mm

## Corner accessory



**L-shaped (Downward)**  
**Art.127.44.95**  
 Material: AL6063-T5  
 Size: L95×W95×H46.5mm



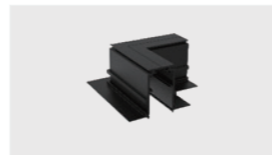
**L-shaped (Inward)**  
**Art.127.45.95**  
 Material: AL6063-T5  
 Size: L80×W80×H64mm



**L-shaped (Downward)**  
**Art.127.44.125**  
 Material: AL6063-T5  
 Size: L95×W95×H46.5mm



**L-shaped (Inward)**  
**Art.127.45.125**  
 Material: AL6063-T5  
 Size: L80×W80×H64mm



**L-shaped (Downward)**  
**Art.127.44.40**  
 Material: AL6063-T5  
 Size: L95×W95×H46.5mm



**L-shaped (Inward)**  
**Art.127.45.40**  
 Material: AL6063-T5  
 Size: L80×W80×H64mm



**L-shaped (Downward)**  
**Art.127.44.L**  
 Material: AL6063-T5  
 Size: L50×W50×H27.3mm



**L-shaped (Inward)**  
**Art.127.45.L**  
 Material: AL6063-T5  
 Size: L50×W50×H27.3mm



**L-shaped (Downward)**  
**Art.127.44.H**  
 Material: AL6063-T5  
 Size: L50×W50×H52mm



**L-shaped (Inward)**  
**Art.127.45.H**  
 Material: AL6063-T5  
 Size: L80×W80×H27.2mm



**L-shaped Adjustable (Downward)**  
**Art.127.48.02 (A)**  
 Material: AL6063-T5  
 Size: L120×W27.2×H52mm



**T-shaped Adjustable (Downward)**  
**Art.127.48.03 (A)**  
 Material: AL6063-T5  
 Size: L120×W60×H52mm



**X-shaped Adjustable (Downward)**  
**Art.127.48.04 (A)**  
 Material: AL6063-T5  
 Size: L120×W120×H52mm



**CASAMBI Control**  
 Size :142.6\*18\*58.1mm  
 Input voltage :48VDC  
 Output signal: DALI  
 Output DALI Max.current:180mA  
 Control devices:≤64



# Spotlights module

Easy installation

**SPOT-30**  
Φ30mm spotlight



**SPOT-42**  
Φ42mm spotlight



**SPOT-52**  
Φ52mm spotlight



**SPOT-62**  
Φ62mm spotlight



**SPOTSZ-45**  
Φ45mm zoom spotlight



**SPOTSZ-55**  
Φ55mm zoom spotlight



**SPOTSZ-65**  
Φ65mm zoom spotlight



## Optics



## Zoom Spotlight



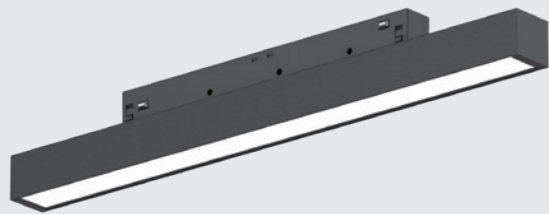
# Linear module

Easy installation

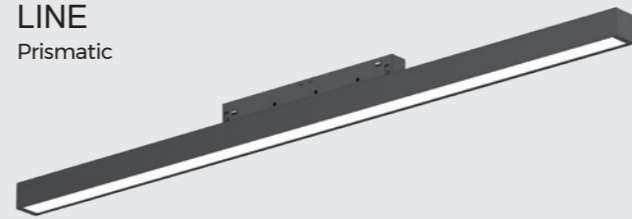
WALLWASHER  
Wall washer



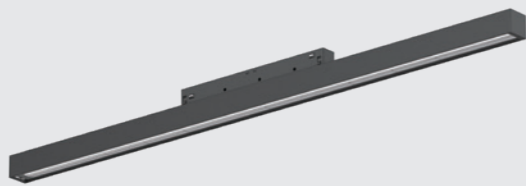
LINE  
Diffuser



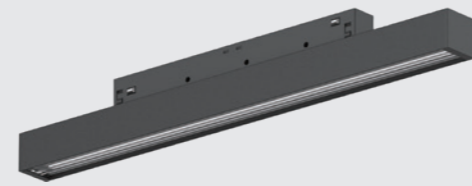
LINE  
Prismatic



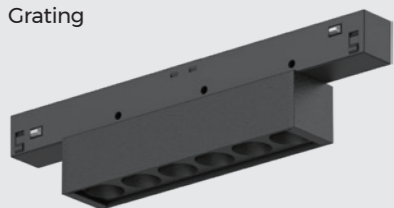
LINE  
Asymmetric



LINE  
Double Asymmetric



DARKLIGHT  
Grating

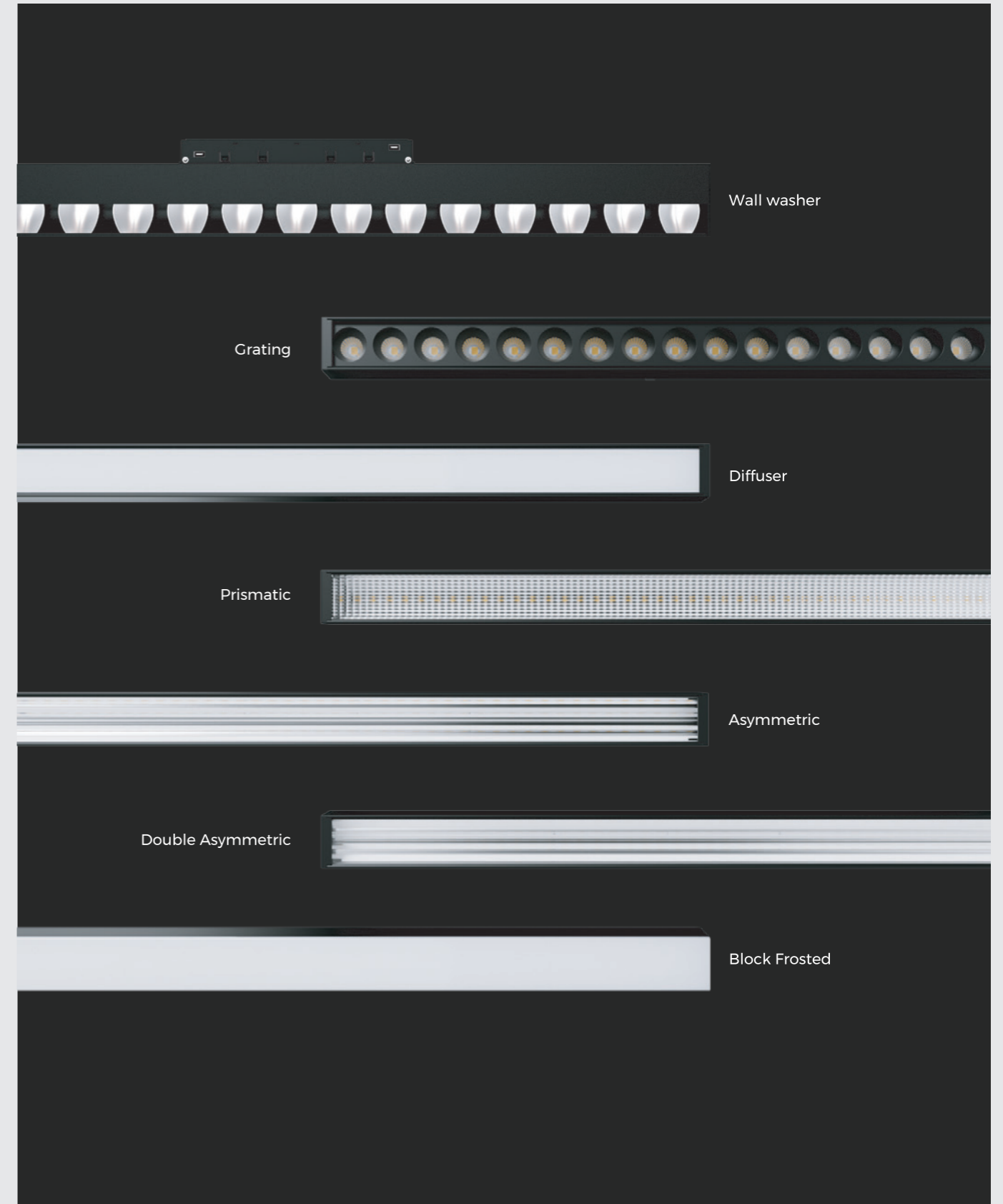


DARKLIGHT  
Grating



\* The Angle is adjustable

## Mask



Wall washer

Grating

Diffuser

Prismatic

Asymmetric

Double Asymmetric

Block Frosted

MAGIC LIGHT 360  
Round neon



MAGIC LIGHT  
Square recessed neon

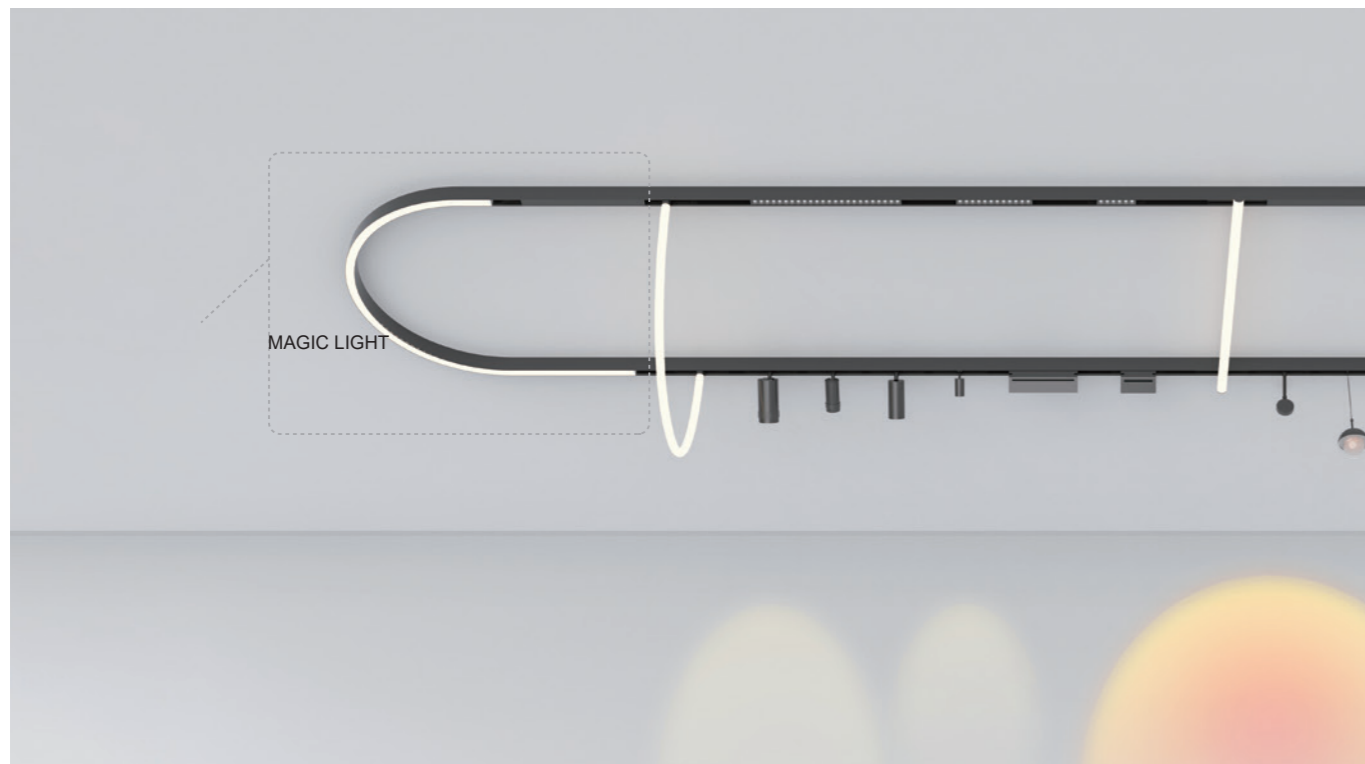
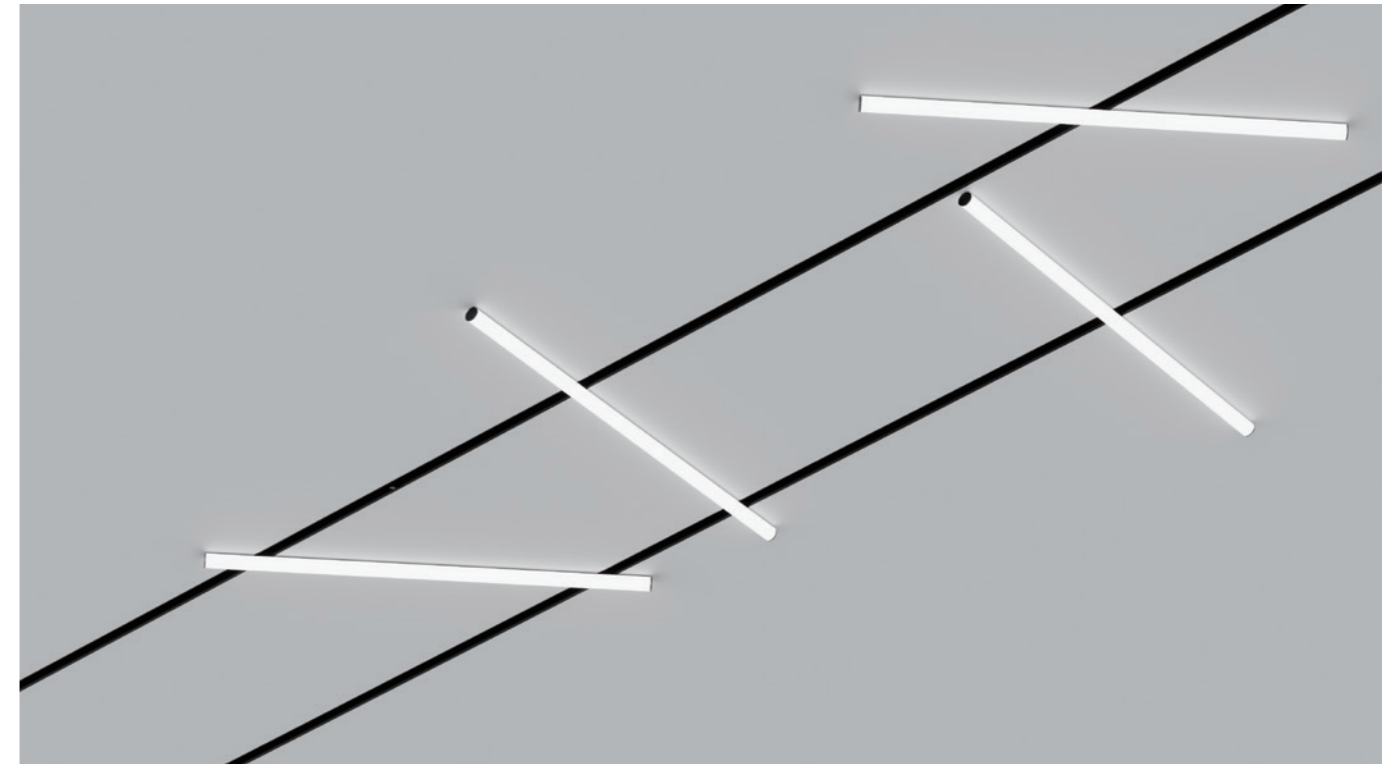
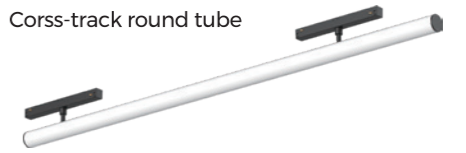


Easy installation

STICK  
Round tube



STICK 2  
Cross-track round tube



# Decorative light module

SUNSET  
Sunset light



DROP  
Waterdrop light



TUBE  
Φ30mm spotlight



TUBE 2  
Φ50mm spotlight



# Intelligent control

Intelligent control

## CASAMBI Dimming



Brightness Adjustment



Group & Scene Control



Brightness Gradient



Power-Off Memory



Remote Control



## Bluetooth Dimming



Brightness Adjustment



Remote Control



Group & Scene Control



Timing & Delay Time



Brightness Gradient



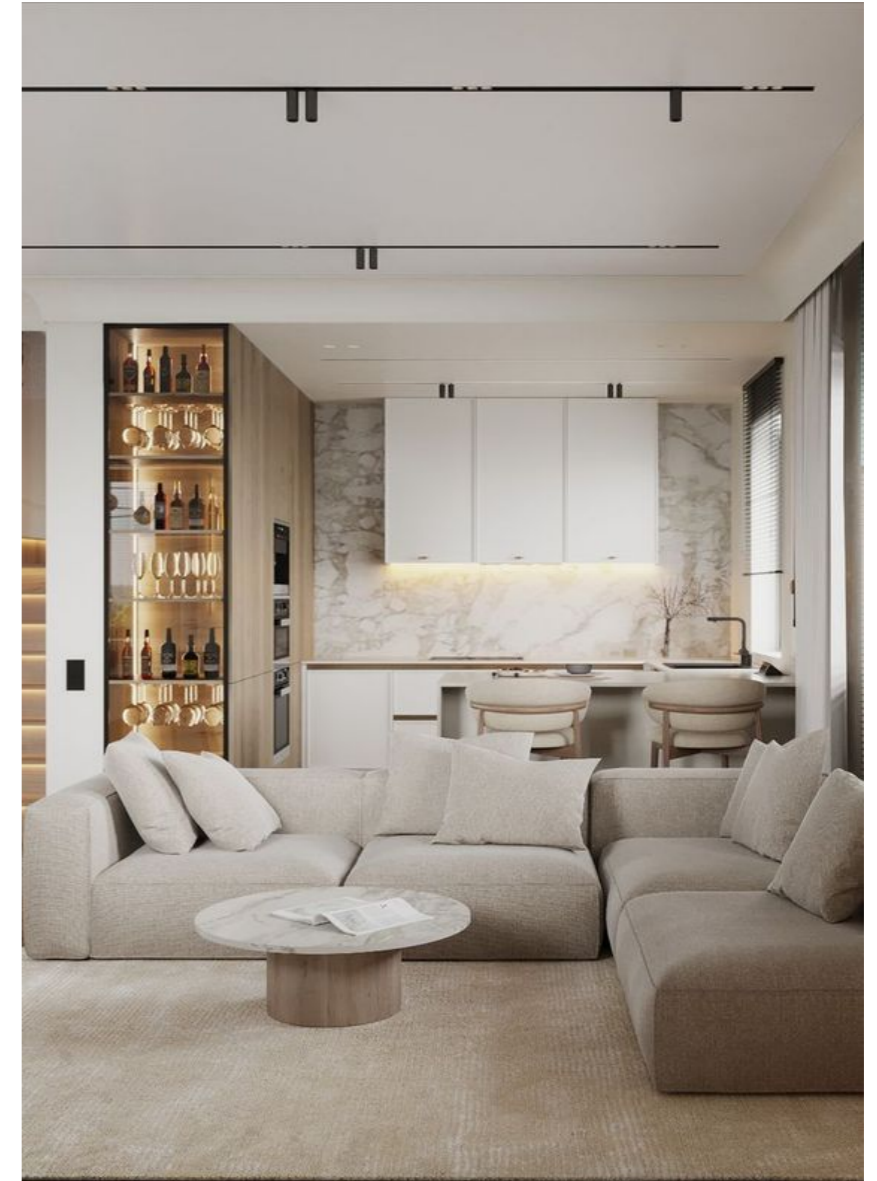
Power-Off Memory



Do-Not-Disturb



# Case





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Tel. +44 121 798 2479  
E-mail: [customerservice@lightoria.eu](mailto:customerservice@lightoria.eu)