

*Architectural  
Lighting*

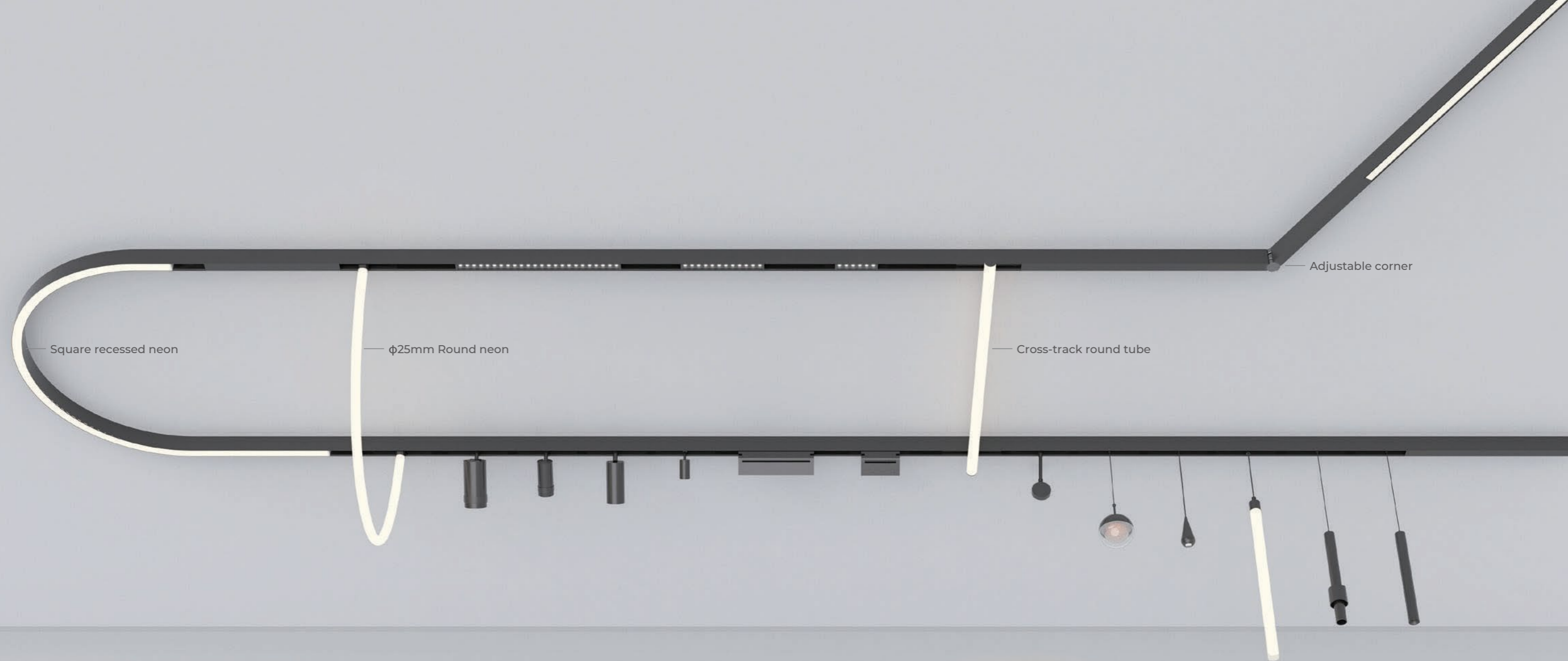


# Chain GCTL-R20 48V

## Magnetic Track System

CUSTOMISED Shapes Round/Rectangle/Curve/Straight



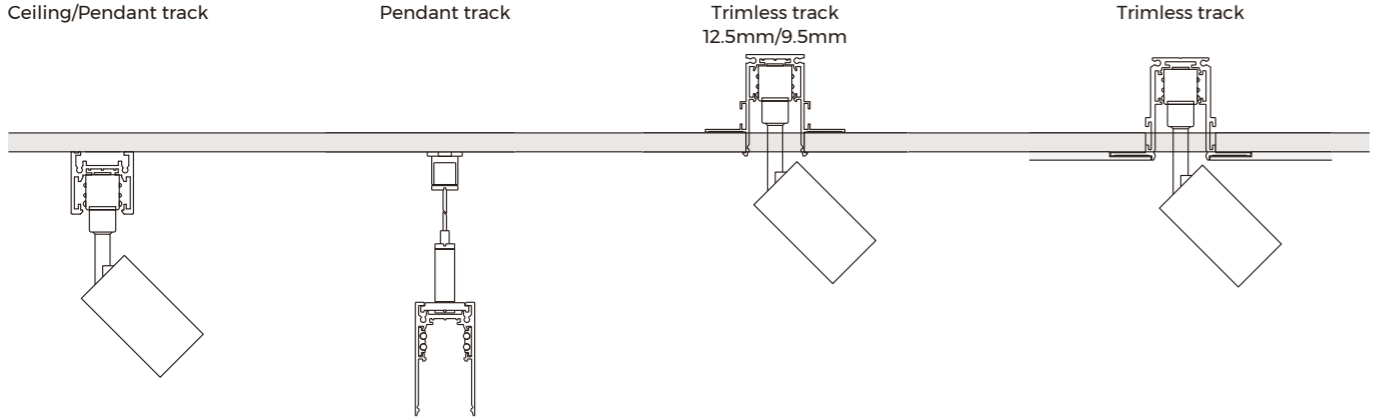


## Chain GCTL-R20 Series

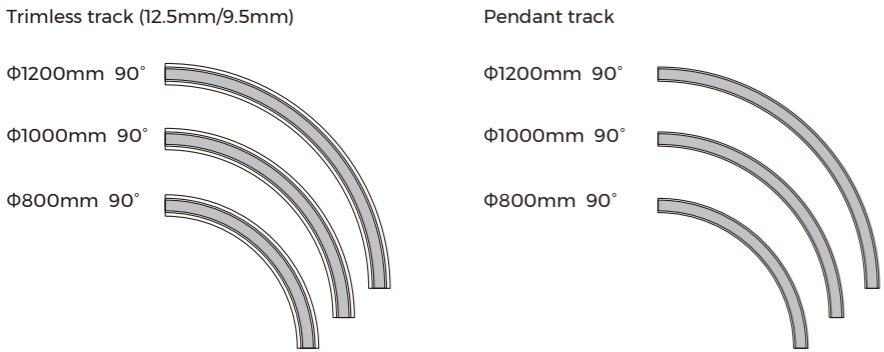
Chain GCTL-R20 48V Magnetic Track System of 20mm width that offers great DIY convenience to flexibly combine linear modules, spotlights, pendant lights and decorative neon flex in one system. Achieving all your lighting demands like basic flood lighting, accent lighting or decorative lighting, suitable for residential villas, hotel clubs, entertainment venues or commercial exhibitions.

# System overview

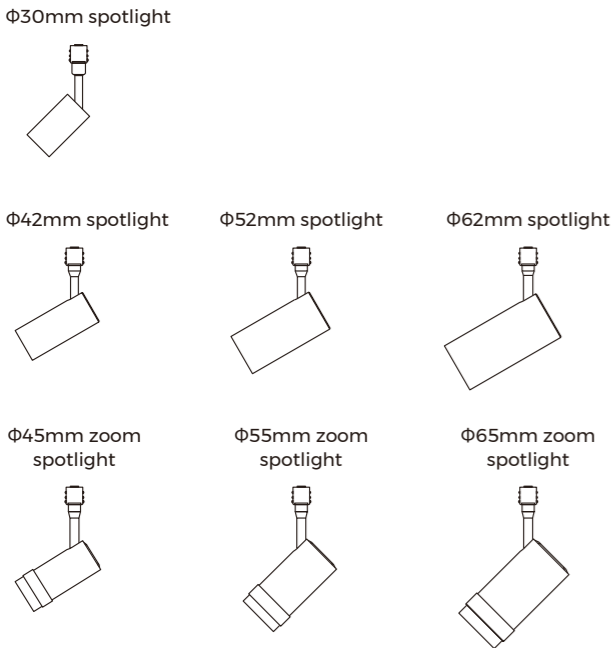
## Straight track



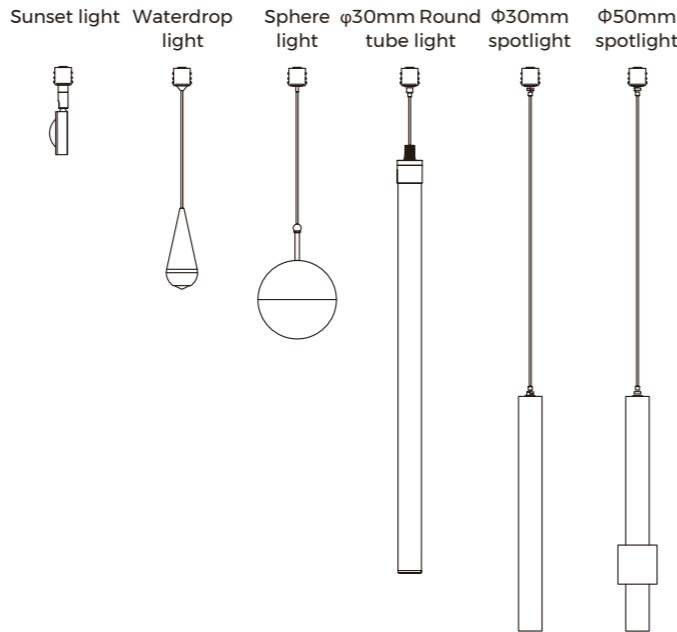
## Curve track



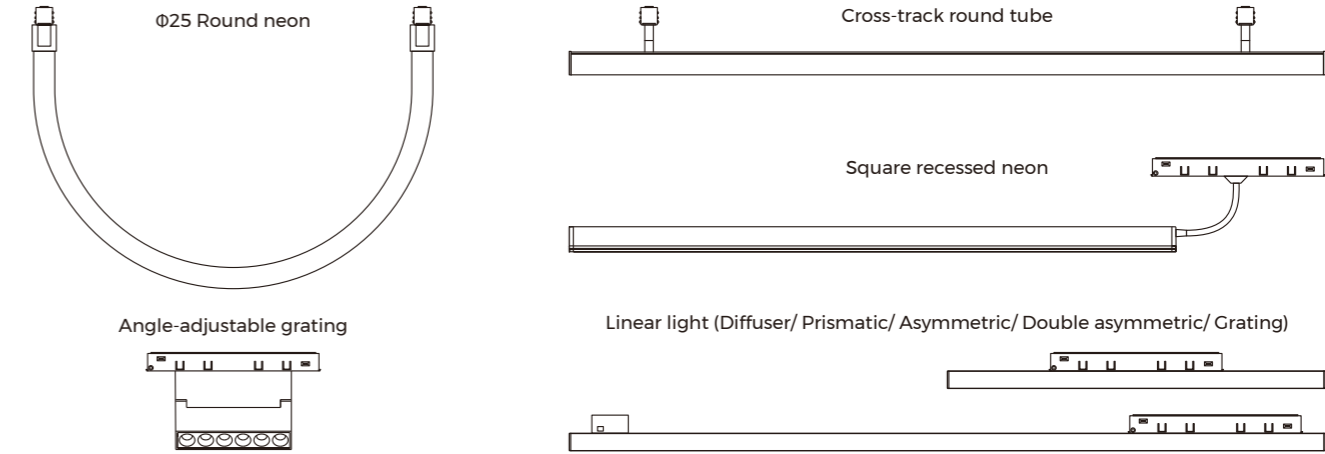
## Spotlight Module



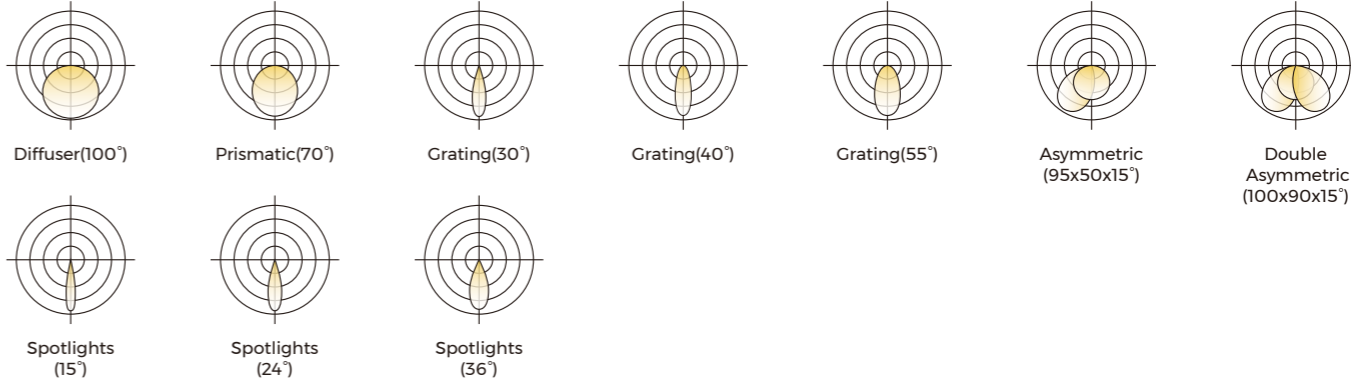
## Decorative Module



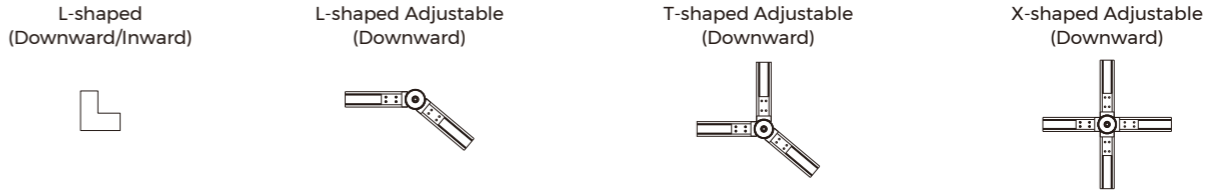
## Linear Module



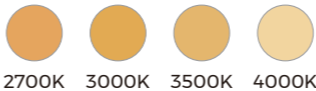
## Optics



## Corner



## CCT



## Dimming



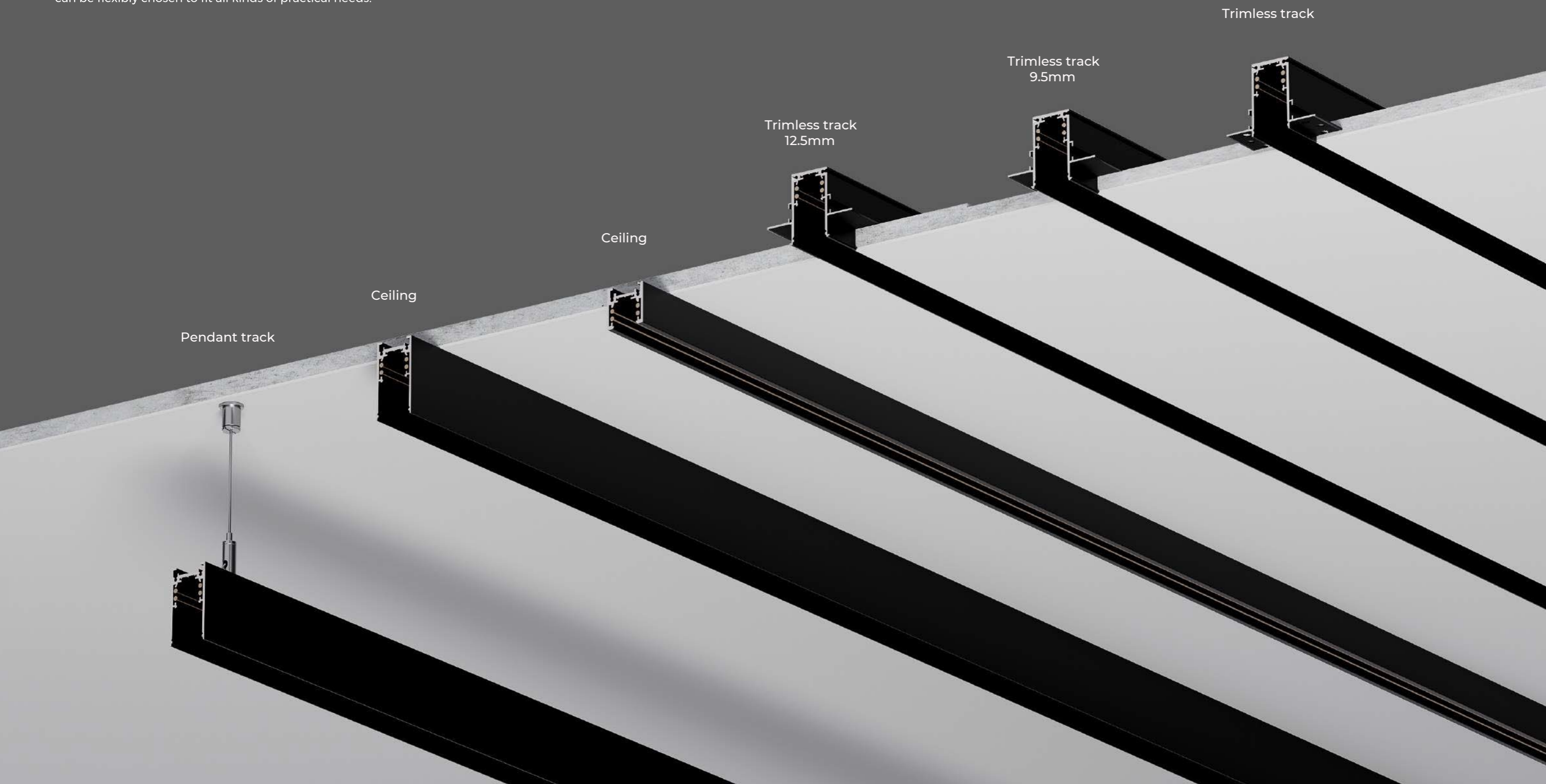
## Certifications



# Type of track

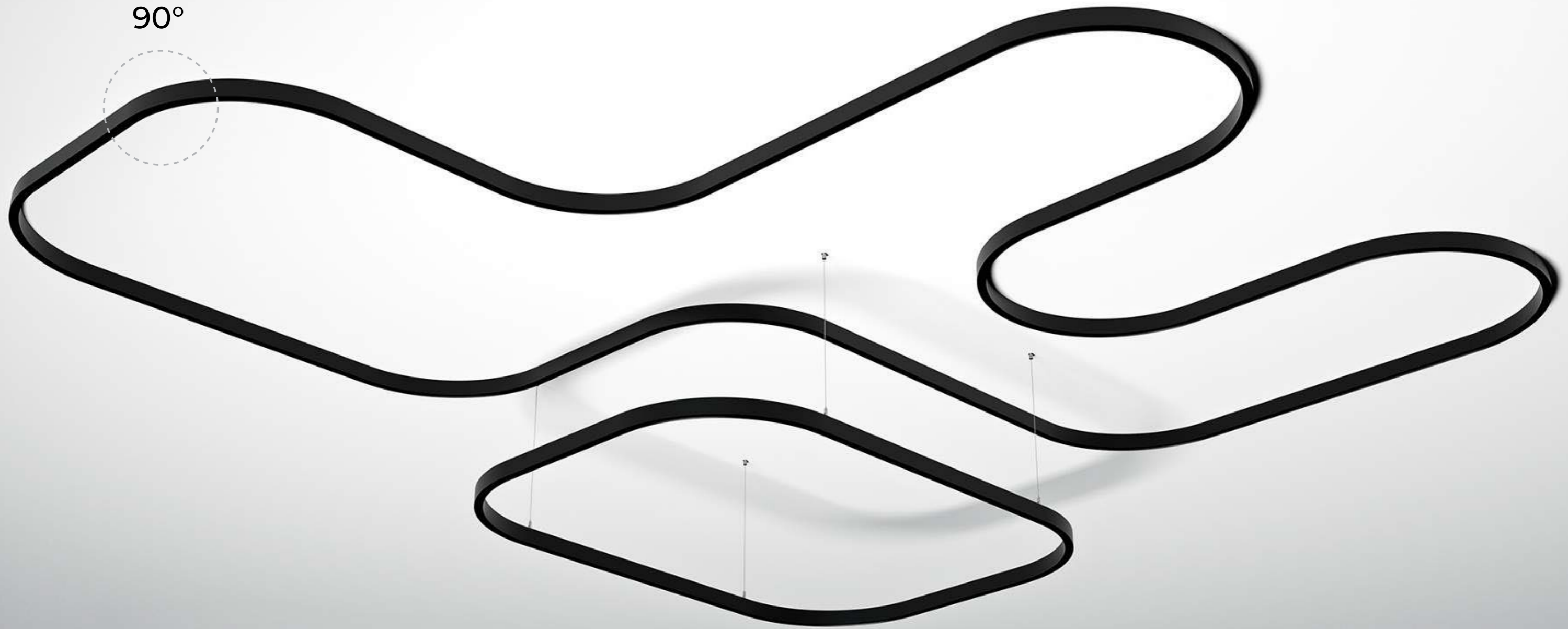
## Straight track

It supports including pendant, ceiling and recessed installation, can be flexibly chosen to fit all kinds of practical needs.



# Curved track

The rotation angle is 90 degrees



# Curved track

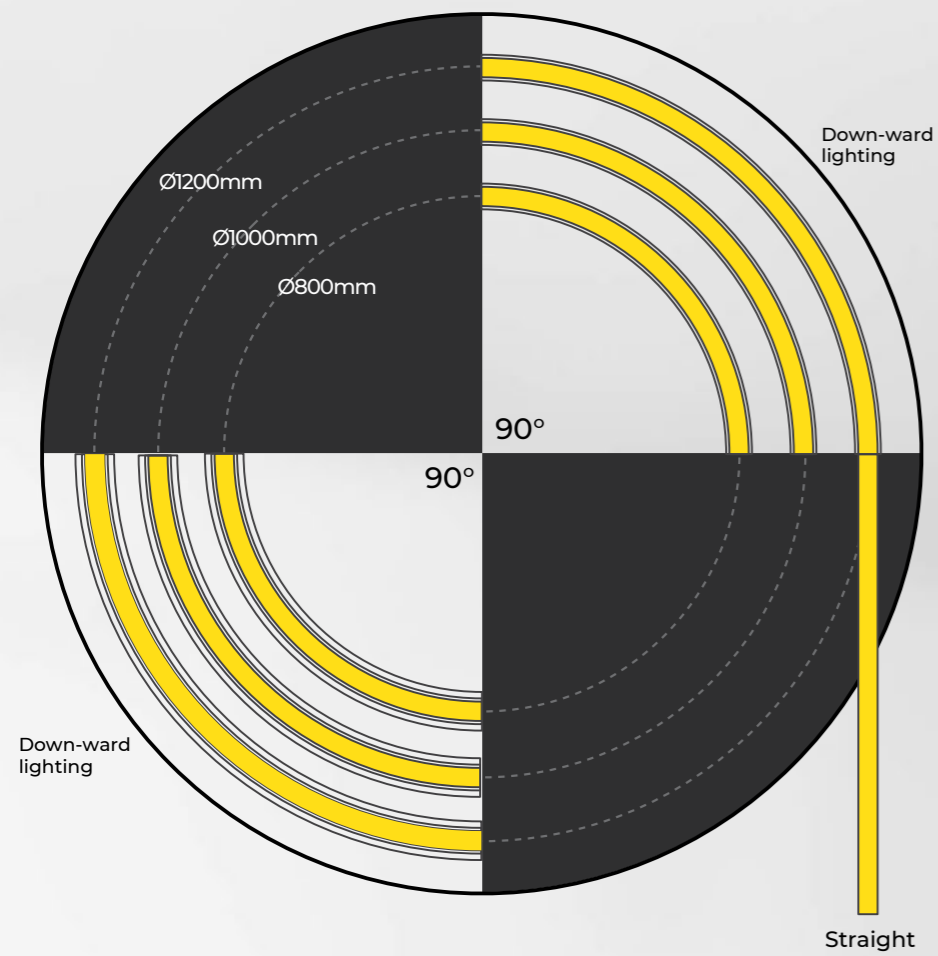
Combine with straight track for more possibilities

© | Type of track



Trimless track  
(12.5mm/9.5mm)

Pendant track



# Variety of designs

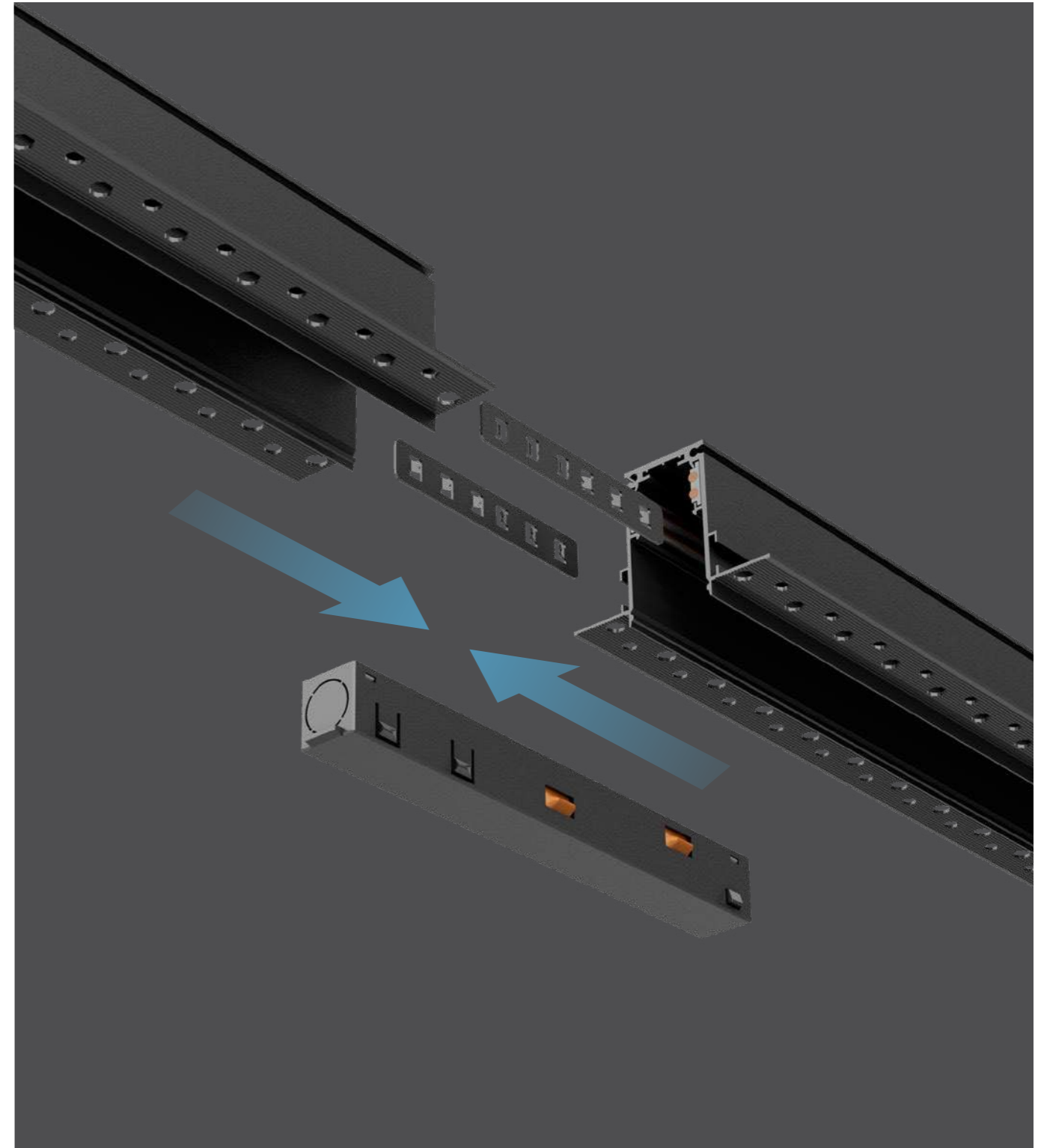
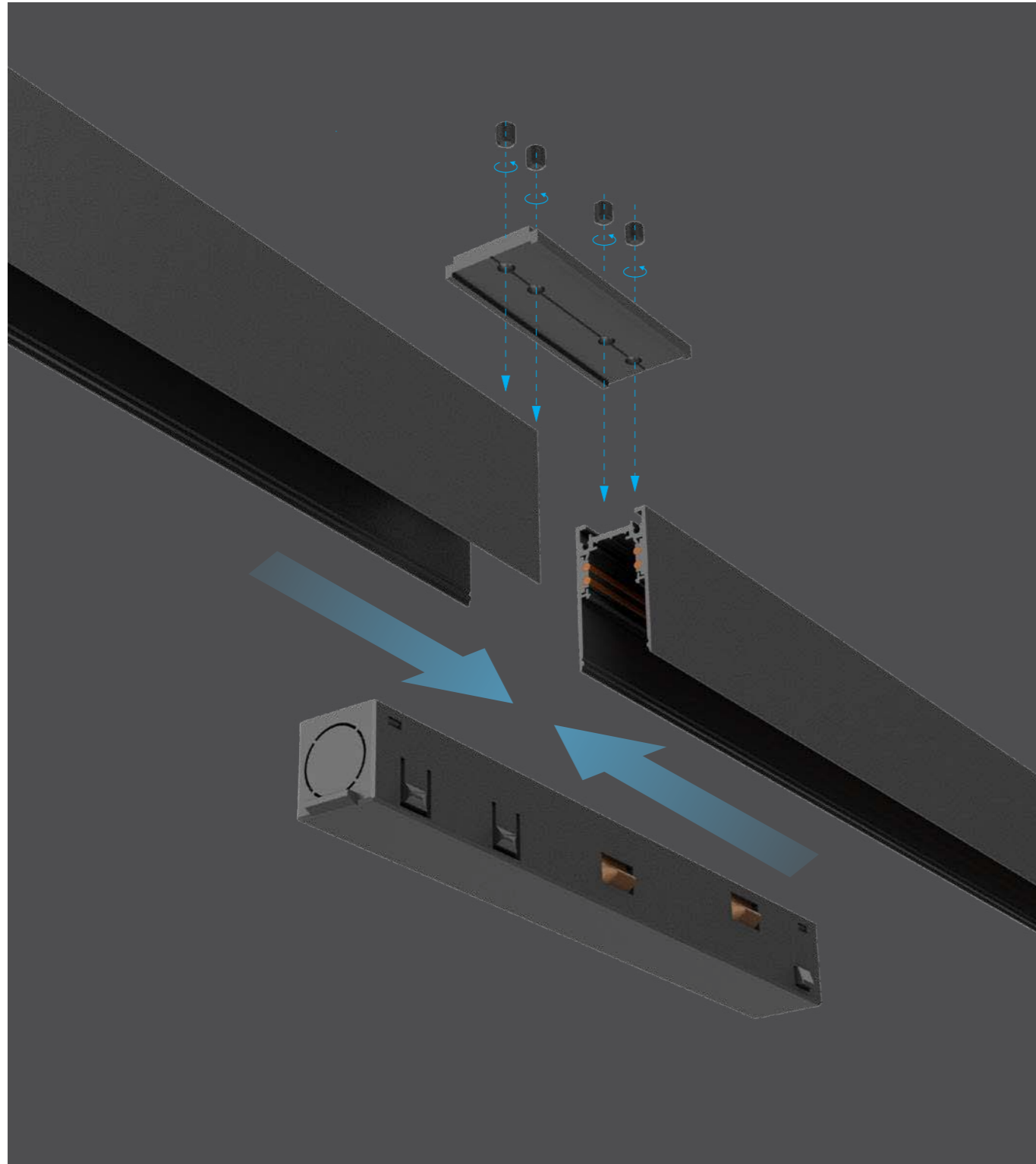
Straight lines and curves shuttle freely to realize various shapes and designs.



# Track splicing

## Easy splicing

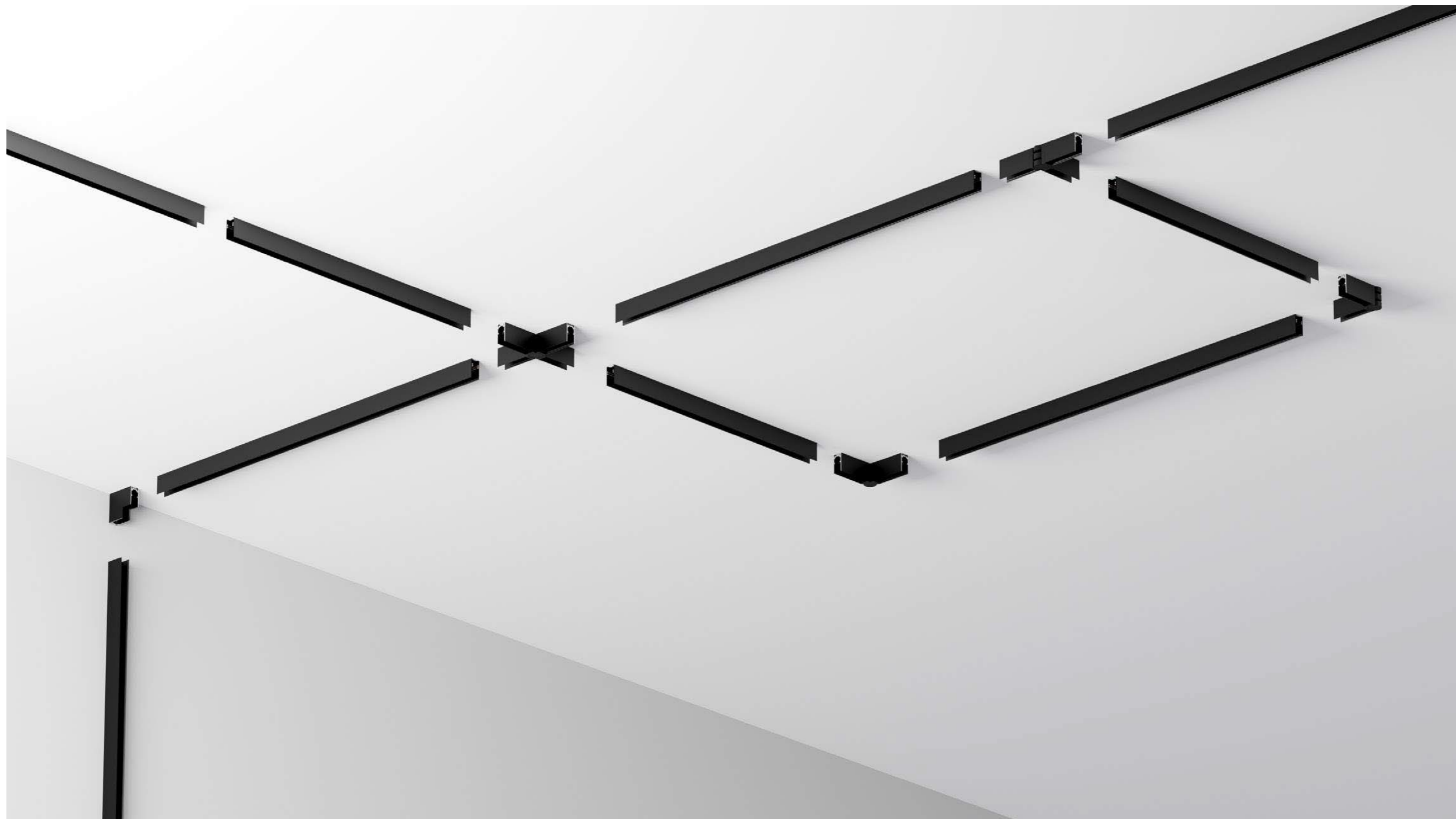
Very convenient and efficient in track splicing





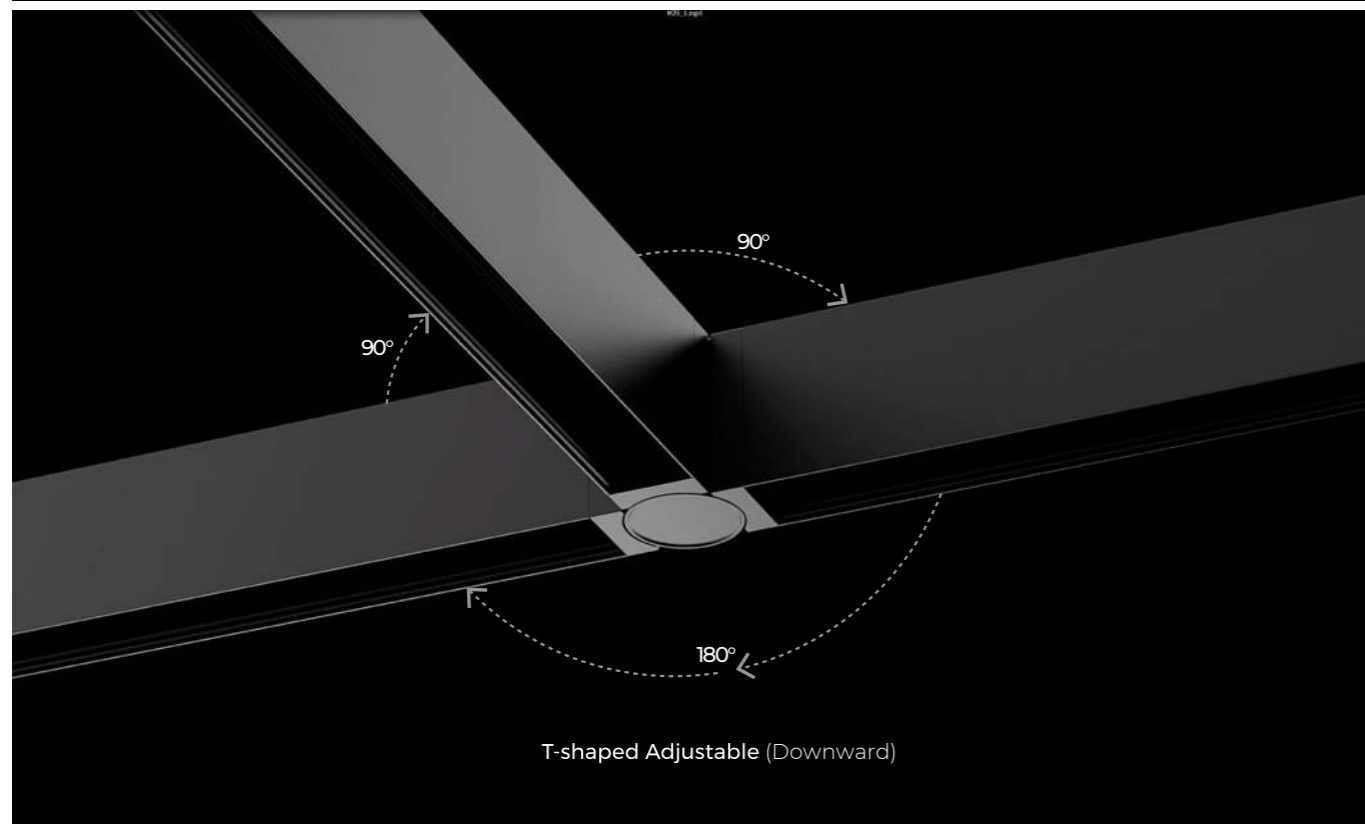
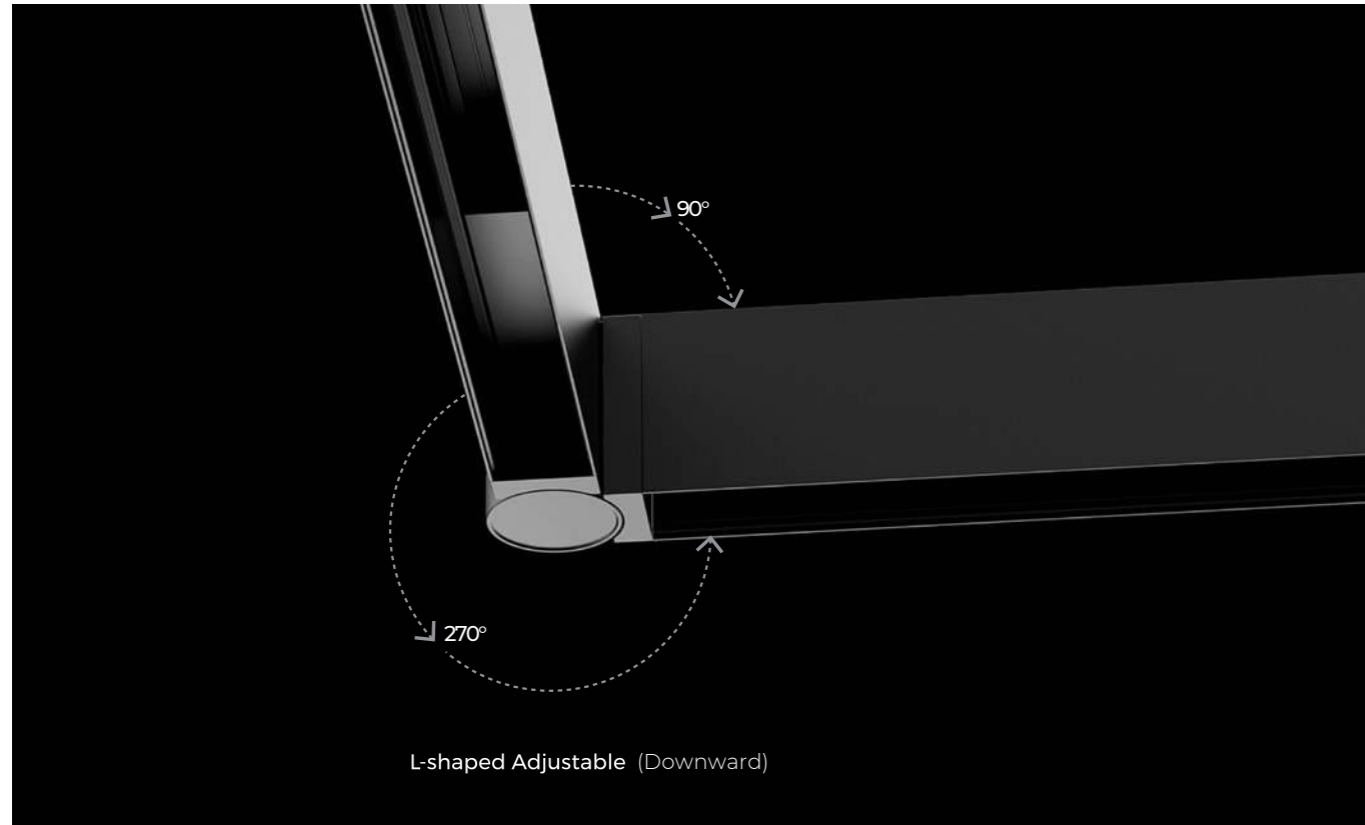
# Standard connector

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



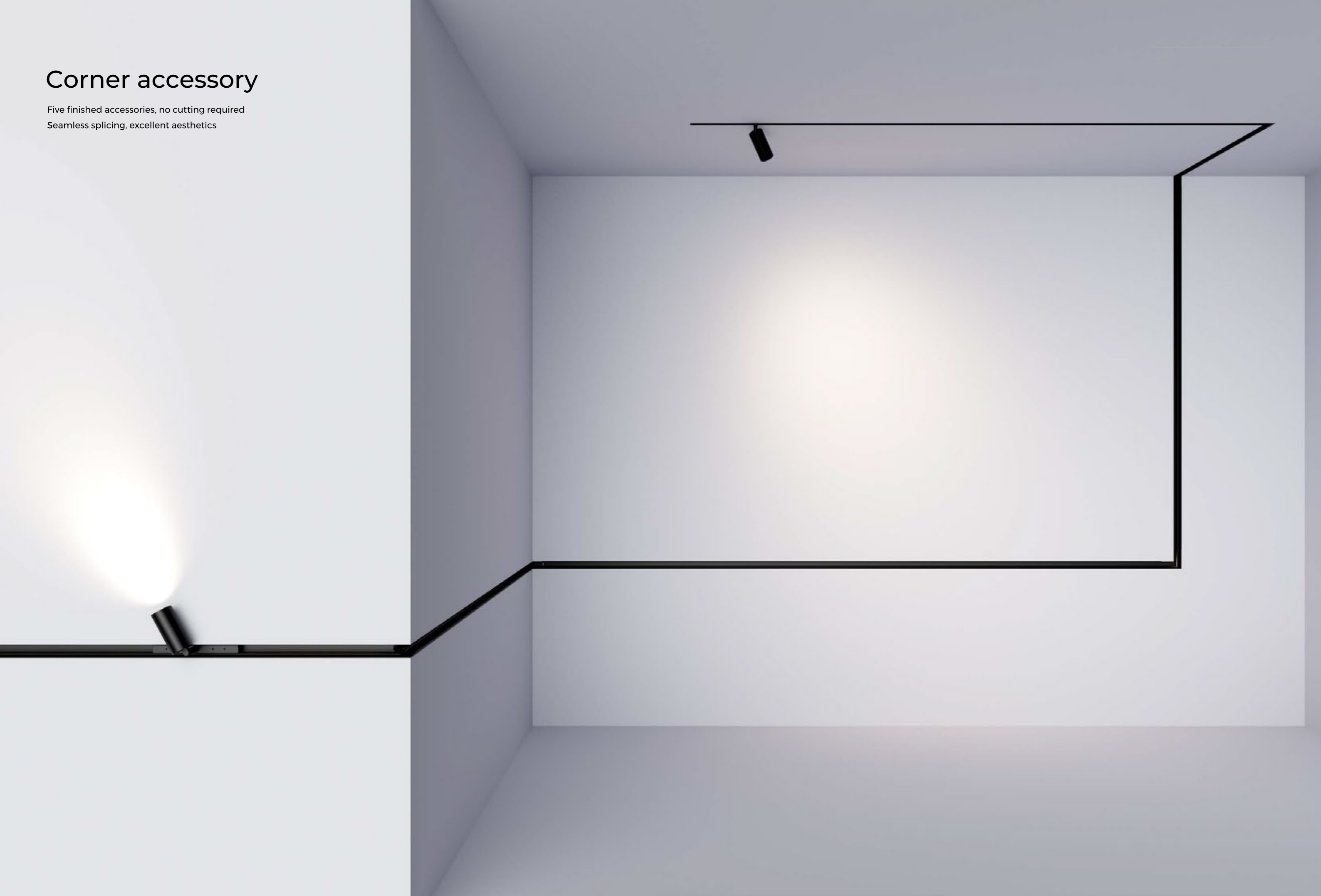
# Straight corners

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



# Easy installation



## DIY combination of modules

- Easy installation, pre-embed track and attach modules in seconds magnetically.
- Modular system, satisfies various lighting demands.
- Movable and angle adjustable, add flexibility to light designs.
- Low-voltage, safe to touch and use.

↑  
Move close, get attracted instantly



## Safety buckle design

Snap-in buckle, push safety button to release

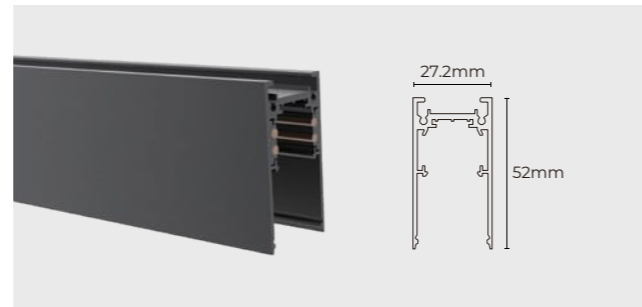
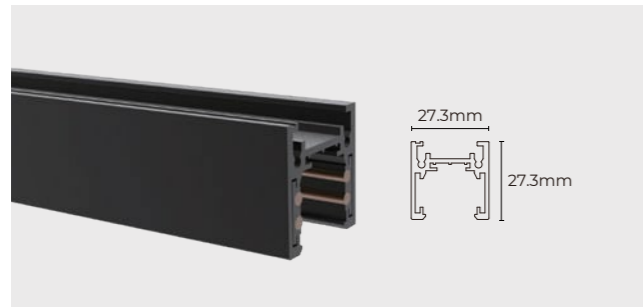


# Systematic lighting, Effortless assembly



## Straight Track

Ceiling / Pendant track



GCTL-R20-MS2X0 (x:1/2/3 M)

Installation: Ceiling / Pendant  
Material: AL6063-T5  
Coating: Black  
Size: 26.2×21×1000/2000/3000mm

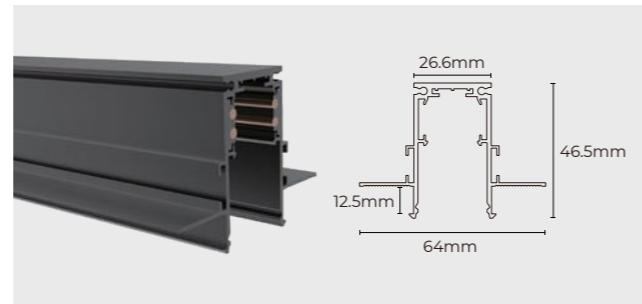
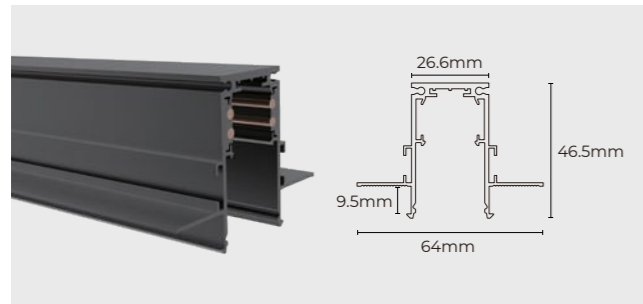
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V

GCTL-R20-MH2X0 (x:1/2/3 M)

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

Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V

Trim-less track



GCTL-R20-MR2X0(A) (x:1/2/3 M)  
9.5mm gypsum board

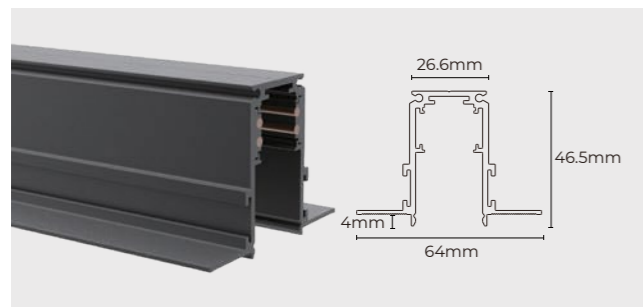
Installation: Trim-less recessed  
Material: AL6063-T5  
Coating: Black  
Size: 64×46.5×1000/2000/3000mm

Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V

GCTL-R20-MR2X0(B) (x:1/2/3 M)  
12.5mm gypsum board

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

Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V



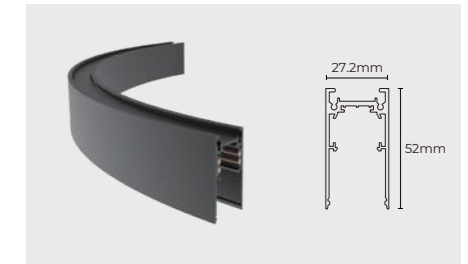
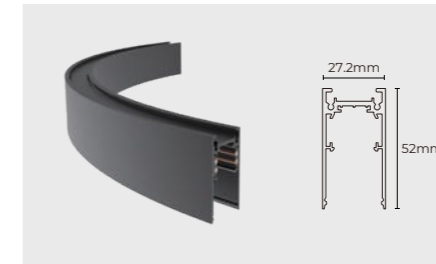
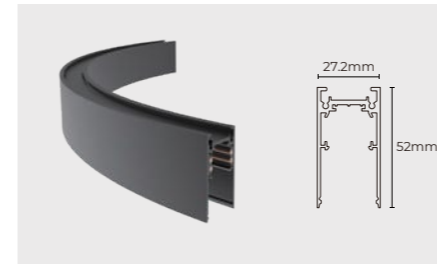
GCTL-R20-MR2X0(C) (x:1/2/3 M)  
plastered

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

Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V

## Curve track

Ceiling / Pendant track



GCTL-R20-MH208A90

Installation: Ceiling / Pendant  
Material: AL6063-T5  
Coating: Black  
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V  
Size: 27.2×52×Φ800mm, 90°

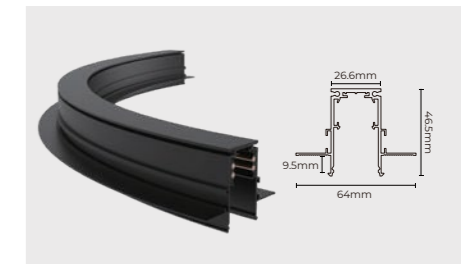
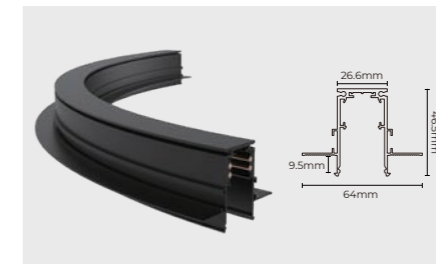
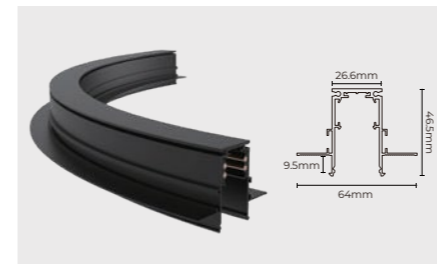
GCTL-R20-MH210A90

Installation: Ceiling / Pendant  
Material: AL6063-T5  
Coating: Black  
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V  
Size: 27.2×52×Φ1000mm, 90°

GCTL-R20-MH212A90

Installation: Ceiling / Pendant  
Material: AL6063-T5  
Coating: Black  
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V  
Size: 27.2×52×Φ1200mm, 90°

Trim-less track (9.5mm gypsum board)



GCTL-R20-MR208A90(A)

Installation: Trim-less recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V  
Size: 64×46.5×Φ800mm, 90°

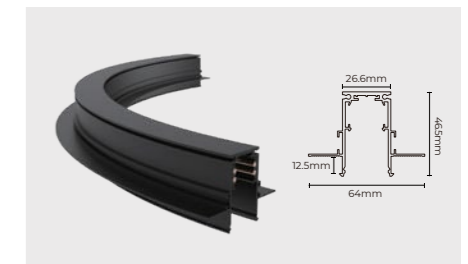
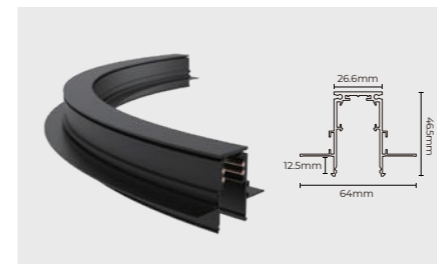
GCTL-R20-MR210A90(A)

Installation: Trim-less recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V  
Size: 64×46.5×Φ1000mm, 90°

GCTL-R20-MR212A90(A)

Installation: Trim-less recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V  
Size: 64×46.5×Φ1200mm, 90°

Trim-less track (12.5mm gypsum board)



GCTL-R20-MR208A90(B)

Installation: Trim-less recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V  
Size: 64×46.5×Φ800mm, 90°

GCTL-R20-MR210A90(B)

Installation: Trim-less recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V  
Size: 64×46.5×Φ1000mm, 90°

GCTL-R20-MR212A90(B)

Installation: Trim-less recessed  
Material: AL6063-T5  
Coating: Black  
Rated current: 7A  
Maximum load: 350W  
Input voltage: DC48V  
Size: 64×46.5×Φ1200mm, 90°

# Track accessories



## Electrical connection accessory



**Power feeder of track**  
Model: GCTL-R20-M261  
Size: L147×W19×H17.3mm  
Applicable model: All straight track



**Electrical connector**  
Model: GCTL-R20-M264  
Size: L147×W19×H17.3mm  
Applicable model:  
All straight track corner



**Linear-arc connection pick-up**  
Model: GCTL-R20-M273  
Size: L19×W17.3×H58mm(Splicing bar)  
L19×W17.3×H147mm(Power feeder)  
Applicable model: GCTL-R20-MR208A90(A), GCTL-R20-MR210A90(A)  
GCTL-R20-MR212A90(A), GCTL-R20-MR208A90(B), GCTL-R20-MR210A90(B)  
GCTL-R20-MR212A90(B), GCTL-R20-MH208A90, GCTL-R20-MH210A90  
GCTL-R20-MH212A90



**I-shaped electrical connector (Recessed type)**  
Model: GCTL-R20-M262  
Size: L70×W11.5×H2.1mm(Splicing bar)  
L138×W18×H18mm(Power feeder)  
Applicable model: GCTL-R20-MR2X0A  
GCTL-R20-MR2X0B  
GCTL-R20-MR2X0C



**I-shaped electrical connector (Surface)**  
Model: GCTL-R20-M263  
Size: L55×W22×H4.3mm(Splicing bar)  
L138×W18×H18mm(Power feeder)  
Applicable model: GCTL-R20-MS2X0  
GCTL-R20-MH2X0

## End cap



Model: GCTLEC-MH20  
Material: ADC12  
Size: L52×W27.2×H5.5mm  
Applicable model: GCTL-R20-MH2X0

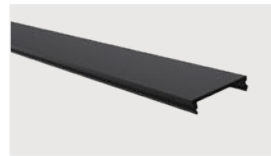


Model: GCTLEC-MR20  
Material: PC  
Size: L47.5×W27.5×H5.5mm  
Applicable model: GCTL-R20-MR2X0(A)  
GCTL-R20-MR2X0(B)  
GCTL-R20-MR2X0(C)



Model: GCTLEC-MS20  
Material: PC  
Size: L26×W21×H6mm  
Applicable model: GCTL-R20-MS2X0

## Installation accessory



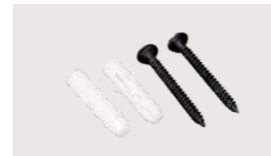
**Track bind cover**  
Model: GCTLCV-M20FB  
Material: PC  
Size: L1000×W25.7×H5.6mm  
Applicable model: All straight track



**Ceiling accessory**  
Model: GCTL-R20-M271  
Material: SPCC  
Size: L67.5×W31.5×H7.5mm  
Applicable model: GCTL-R20-MS2X0  
GCTL-R20-MH2X0



**Pendant accessory**  
Model: GCTL-R20-M272  
Material: AL6063-T5  
Size: L30×W22×H4.3mm  
Applicable model: GCTL-R20-MS2X0  
GCTL-R20-MH2X0



**Ceiling screw**  
Model: GCTLCL-01  
Material: Fe  
Size: M3.5×40mm  
Applicable model: GCTL-R20-MR2X0(A)  
GCTL-R20-MR2X0(B)  
GCTL-R20-MR2X0(C)

## Power supply



**Magnetic power**  
Model: GCTLJLY-EMC-20-100W48  
Size: L265×W22×H44mm  
Input voltage: 220-240VAC  
Output: DC48V  
Power: 100W  
Applicable model: All straight track



**Magnetic power**  
Model: GCTLJLY-EMC-20-200W48  
Size: L365×W22×H44mm  
Input voltage: 220-240VAC  
Output: DC48V  
Power: 200W  
Applicable model: All straight track

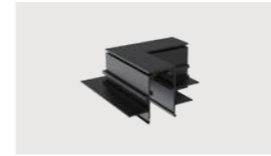


**Power supply**  
Model: GCTLBN-V48-100P  
Size: L350×W30×H18mm  
Input voltage: 220-240VAC  
Output: DC48V  
Power: 100W  
Applicable model: All track



**Power supply**  
Model: GCTLBN-V48-250P  
Size: L400×W40×H22mm  
Input voltage: 220-240VAC  
Output: DC48V  
Power: 150W  
Applicable model: All track

## Corner accessory



**L-shaped (Downward)**  
Model: GCTLL90-MR20(A)  
Material: AL6063-T5  
Size: L95×W95×H46.5mm  
Applicable model: GCTL-R20-MR2X0(A)



**L-shaped (Inward)**  
Model: GCTLL90N-MR20(A)  
Material: AL6063-T5  
Size: L80×W80×H64mm  
Applicable model: GCTL-R20-MR2X0(A)



**L-shaped (Downward)**  
Model: GCTLL90-MR20(B)  
Material: AL6063-T5  
Size: L95×W95×H46.5mm  
Applicable model: GCTL-R20-MR2X0(B)



**L-shaped (Inward)**  
Model: GCTLL90N-MR20(B)  
Material: AL6063-T5  
Size: L80×W80×H64mm  
Applicable model: GCTL-R20-MR2X0(B)



**L-shaped (Downward)**  
Model: GCTLL90-MR20(C)  
Material: AL6063-T5  
Size: L95×W95×H46.5mm  
Applicable model: GCTL-R20-MR2X0(C)



**L-shaped (Inward)**  
Model: GCTLL90N-MR20(C)  
Material: AL6063-T5  
Size: L80×W80×H64mm  
Applicable model: GCTL-R20-MR2X0(C)



**L-shaped (Downward)**  
Model: GCTLL90-MS20  
Material: AL6063-T5  
Size: L50×W50×H27.3mm  
Applicable model: GCTL-R20-MS2X0



**L-shaped (Inward)**  
Model: GCTLL90N-MS20  
Material: AL6063-T5  
Size: L50×W50×H27.3mm  
Applicable model: GCTL-R20-MS2X0



**L-shaped (Downward)**  
Model: GCTLL90-MH20  
Material: AL6063-T5  
Size: L50×W50×H52mm  
Applicable model: GCTL-R20-MH2X0



**L-shaped (Inward)**  
Model: GCTLL90N-MH20  
Material: AL6063-T5  
Size: L80×W80×H27.2mm  
Applicable model: GCTL-R20-MH2X0



**L-shaped Adjustable (Downward)**  
Model: GCTLL90-MH20(A)  
Material: AL6063-T5  
Size: L120×W27.2×H52mm  
Applicable model: GCTL-R20-MH2X0



**T-shaped Adjustable (Downward)**  
Model: GCTLL90-MH20(A)  
Material: AL6063-T5  
Size: L120×W60×H52mm  
Applicable model: GCTL-R20-MH2X0



**X-shaped Adjustable (Downward)**  
Model: GCTLL90-MH20(A)  
Material: AL6063-T5  
Size: L120×W120×H52mm  
Applicable model: GCTL-R20-MH2X0

# Spotlights module

Easy installation

GCTL-M20S-30  
Φ30mm spotlight



GCTL-M20S-42  
Φ42mm spotlight



GCTL-M20S-52  
Φ52mm spotlight



GCTL-M20S-62  
Φ62mm spotlight



GCTL-M20SZ-45  
Φ45mm zoom spotlight



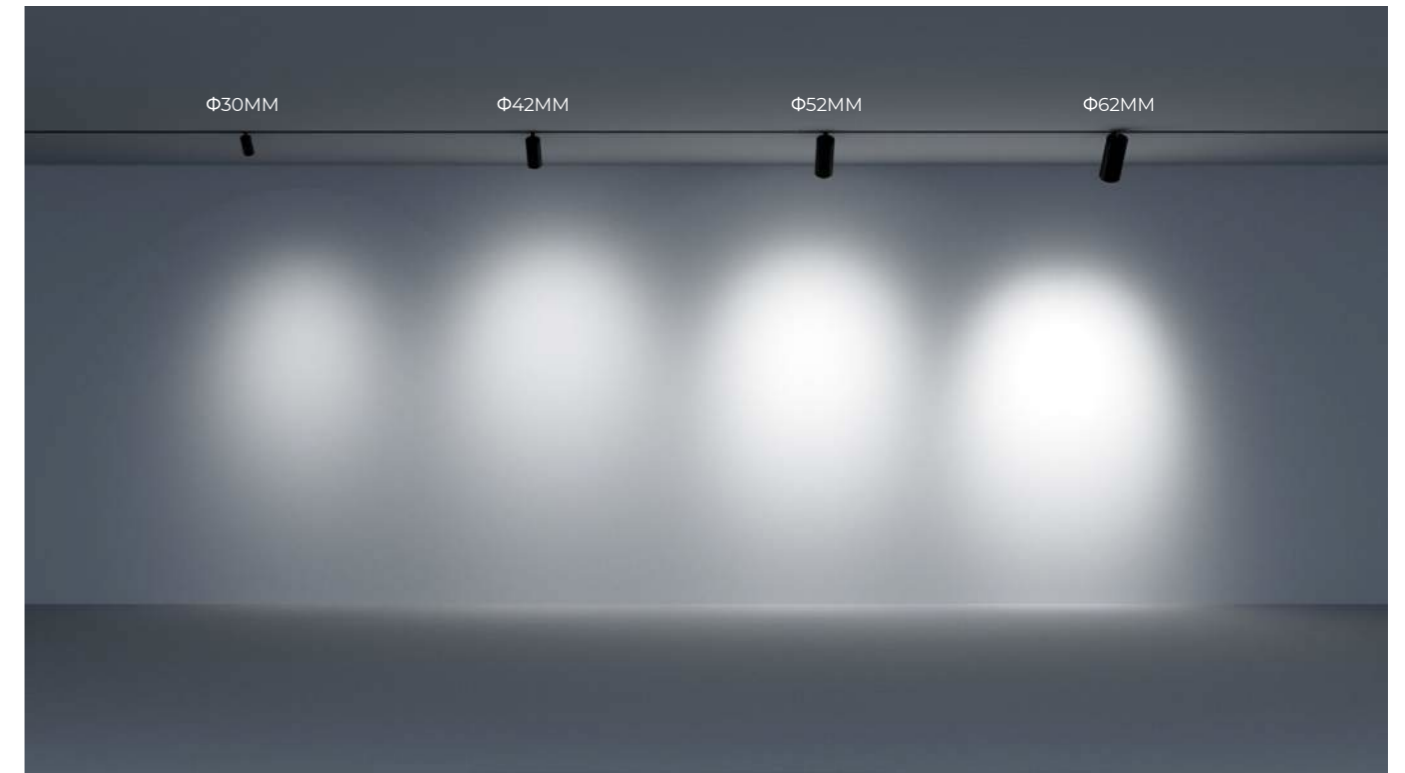
GCTL-M20SZ-55  
Φ55mm zoom spotlight



GCTL-M20SZ-65  
Φ65mm zoom spotlight



## Optics



## Zoom Spotlight



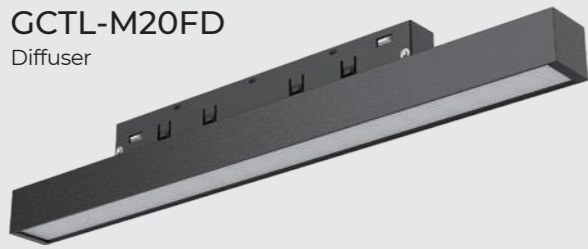
# Linear module

Easy installation

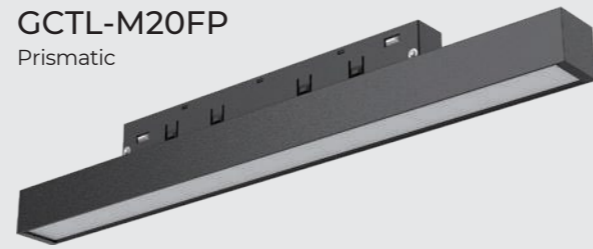
GCTL-M20GW  
Wall washer



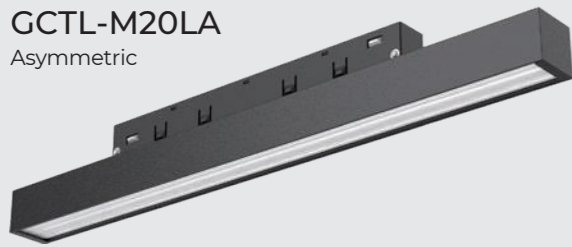
GCTL-M20FD  
Diffuser



GCTL-M20FP  
Prismatic



GCTL-M20LA  
Asymmetric



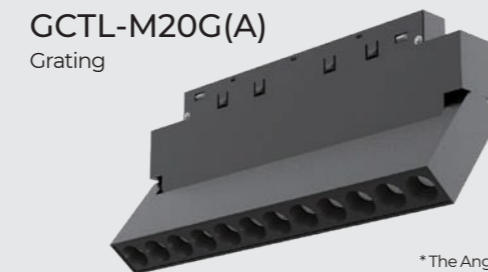
GCTL-M20LS  
Double Asymmetric



GCTL-M20G  
Grating

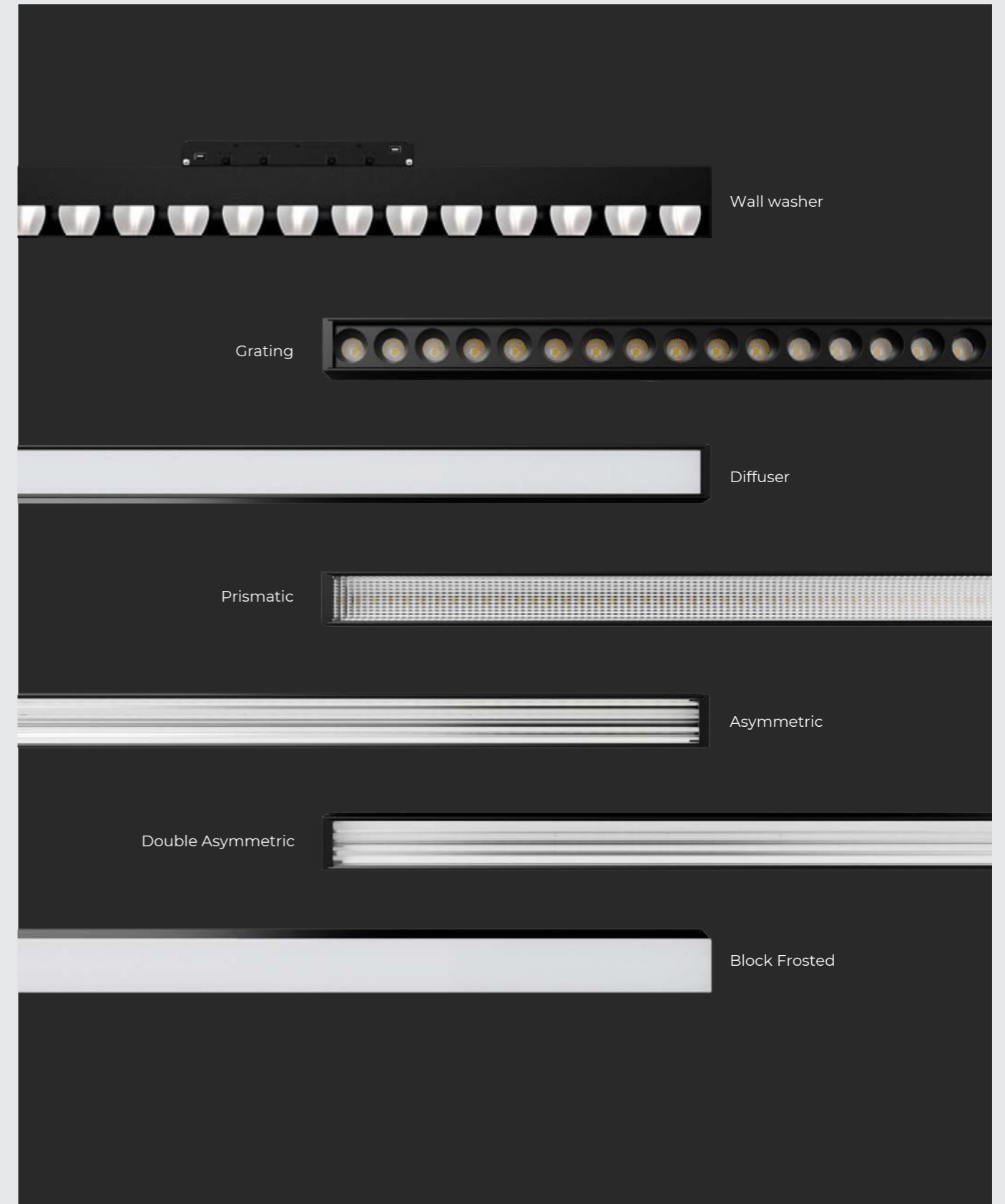


GCTL-M20G(A)  
Grating



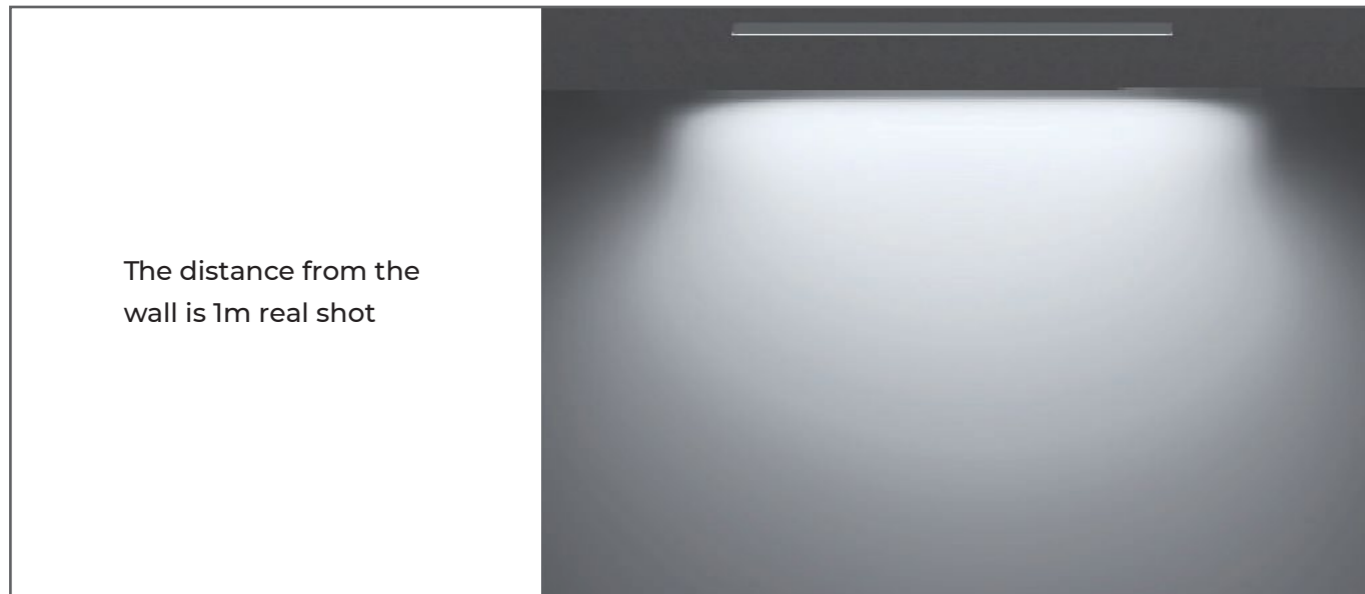
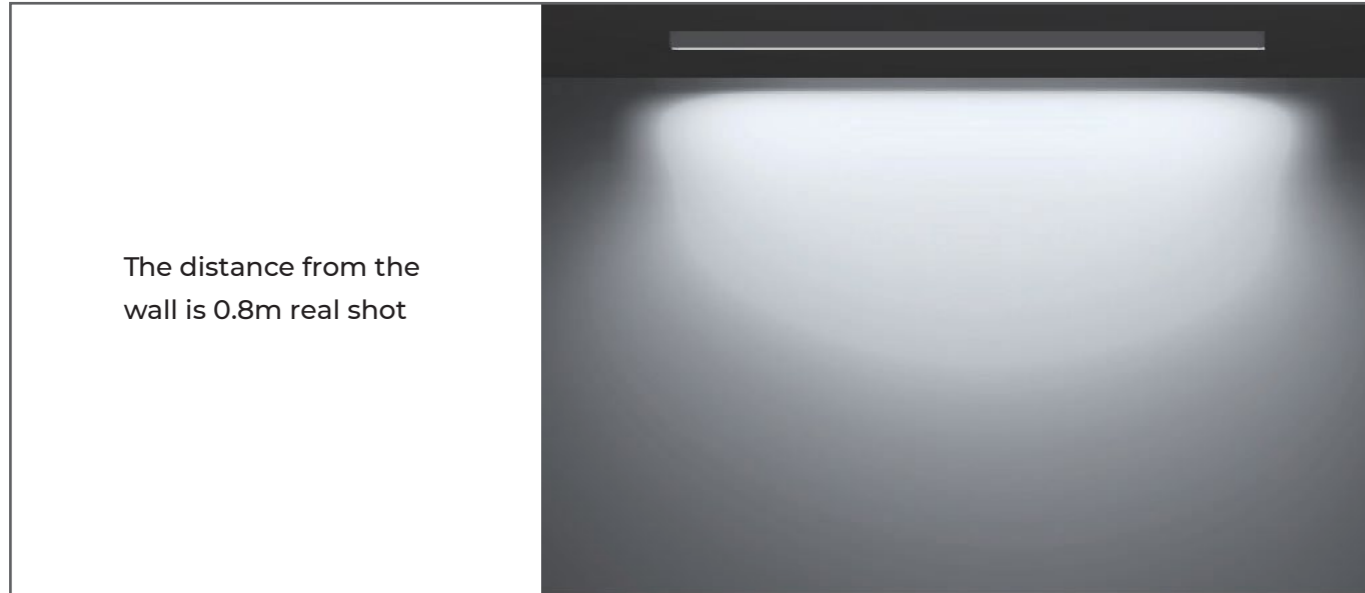
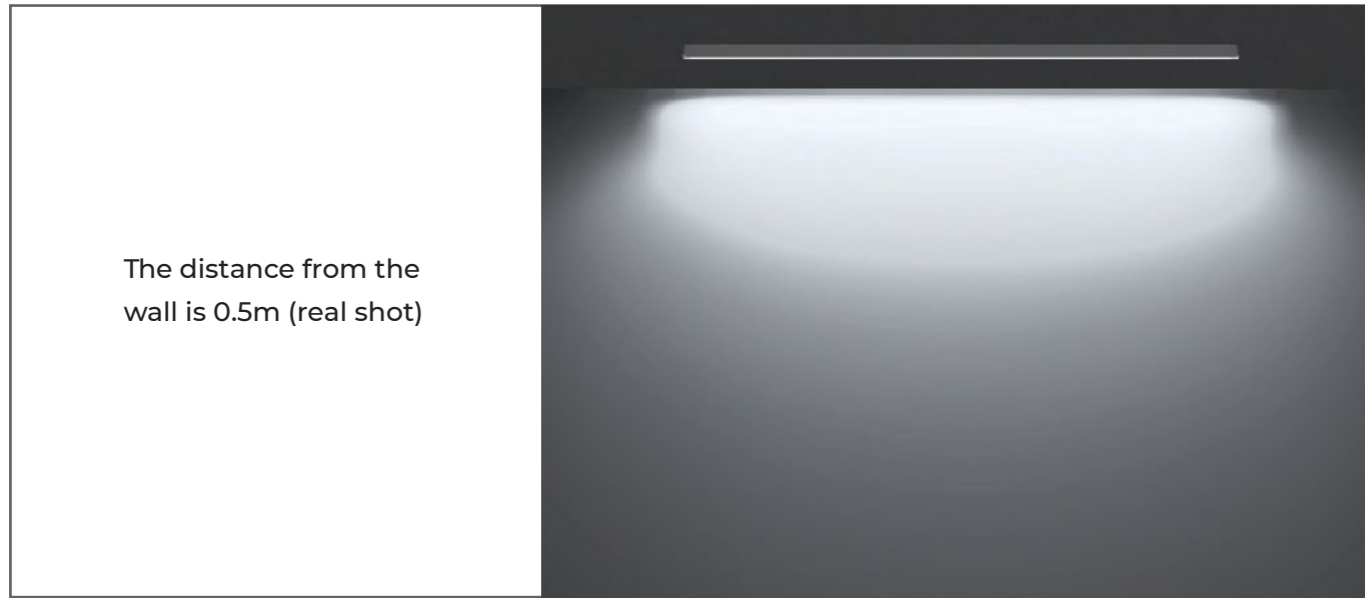
\*The Angle is adjustable

## Mask

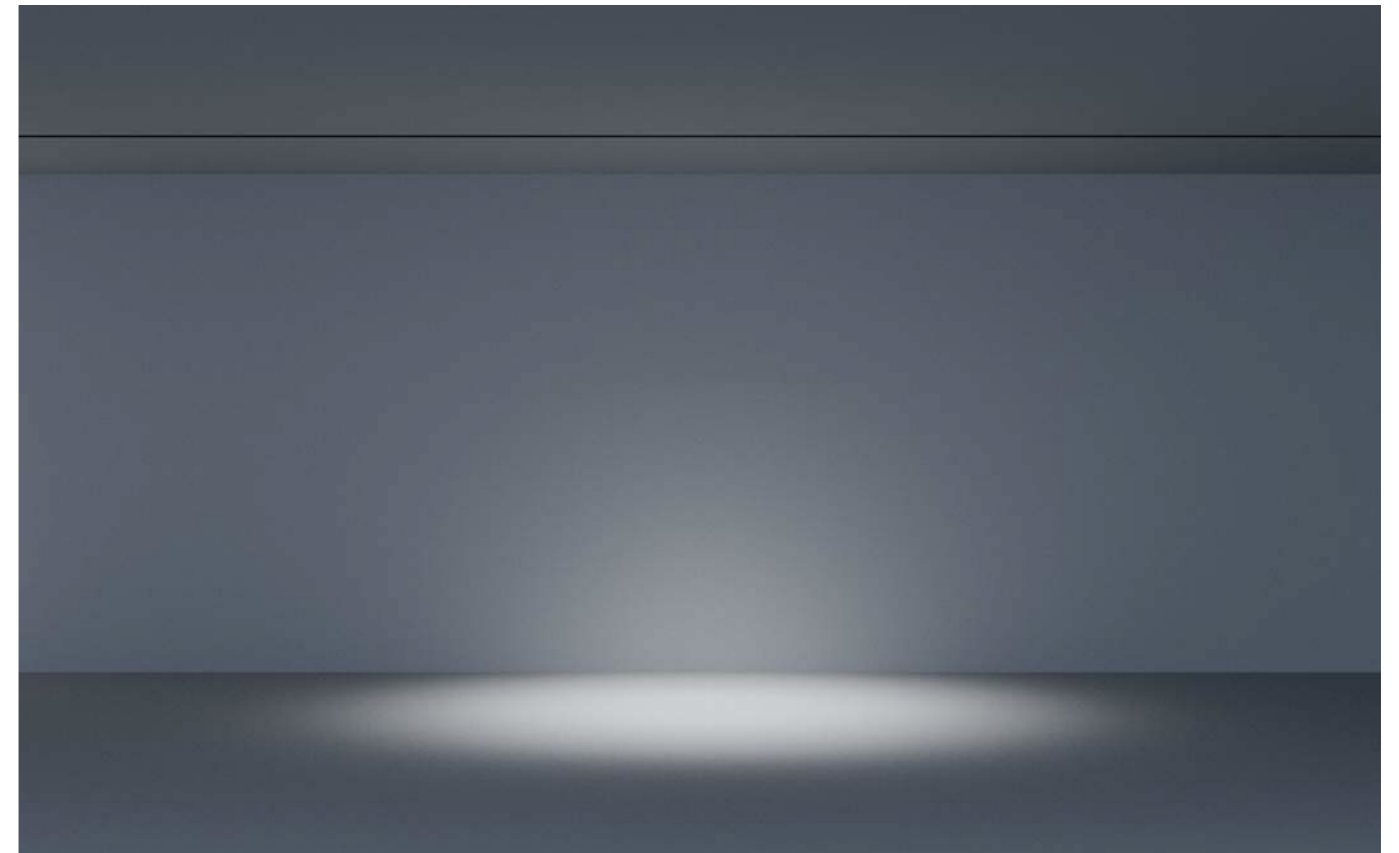




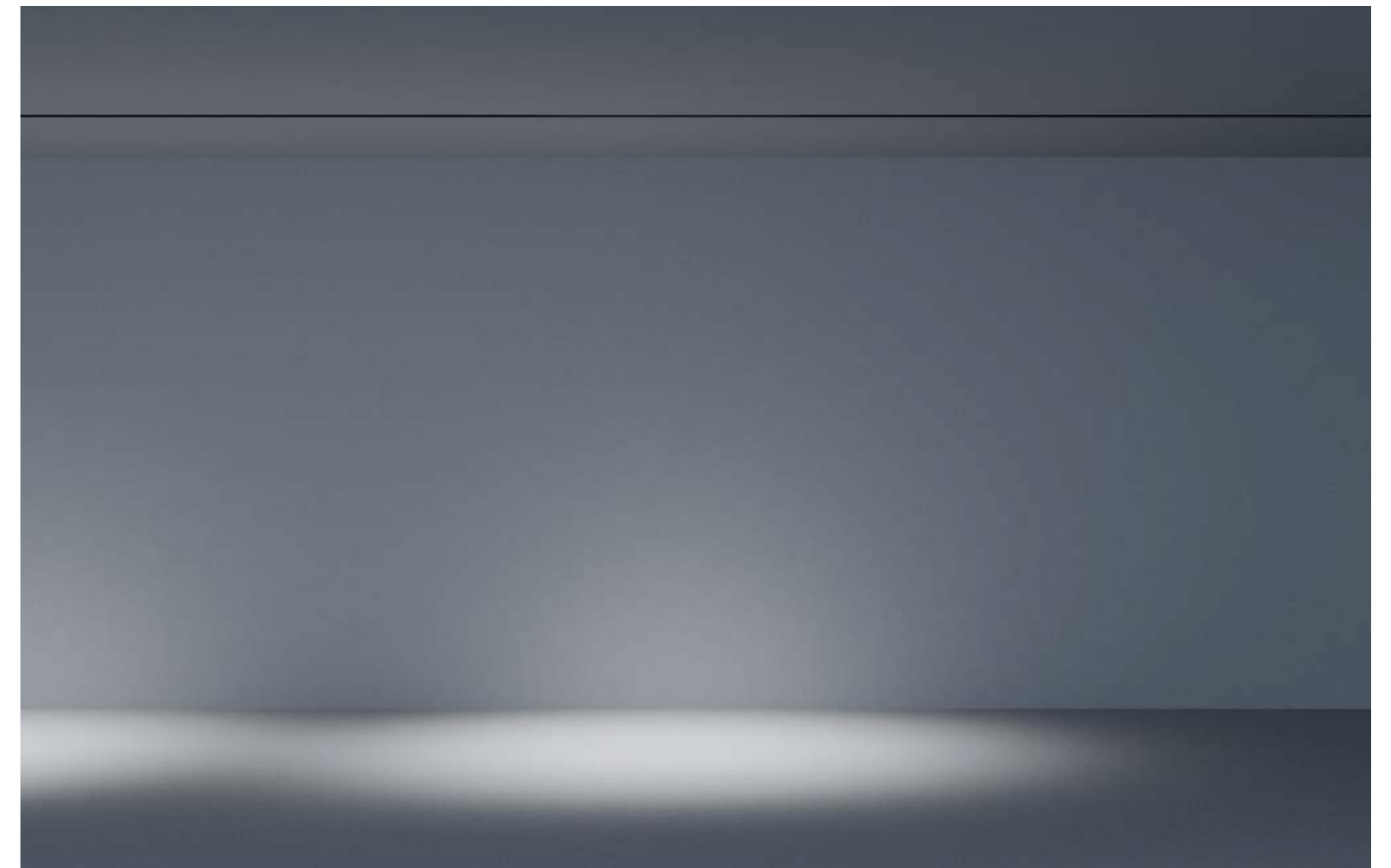
### Wall washer



### Grating



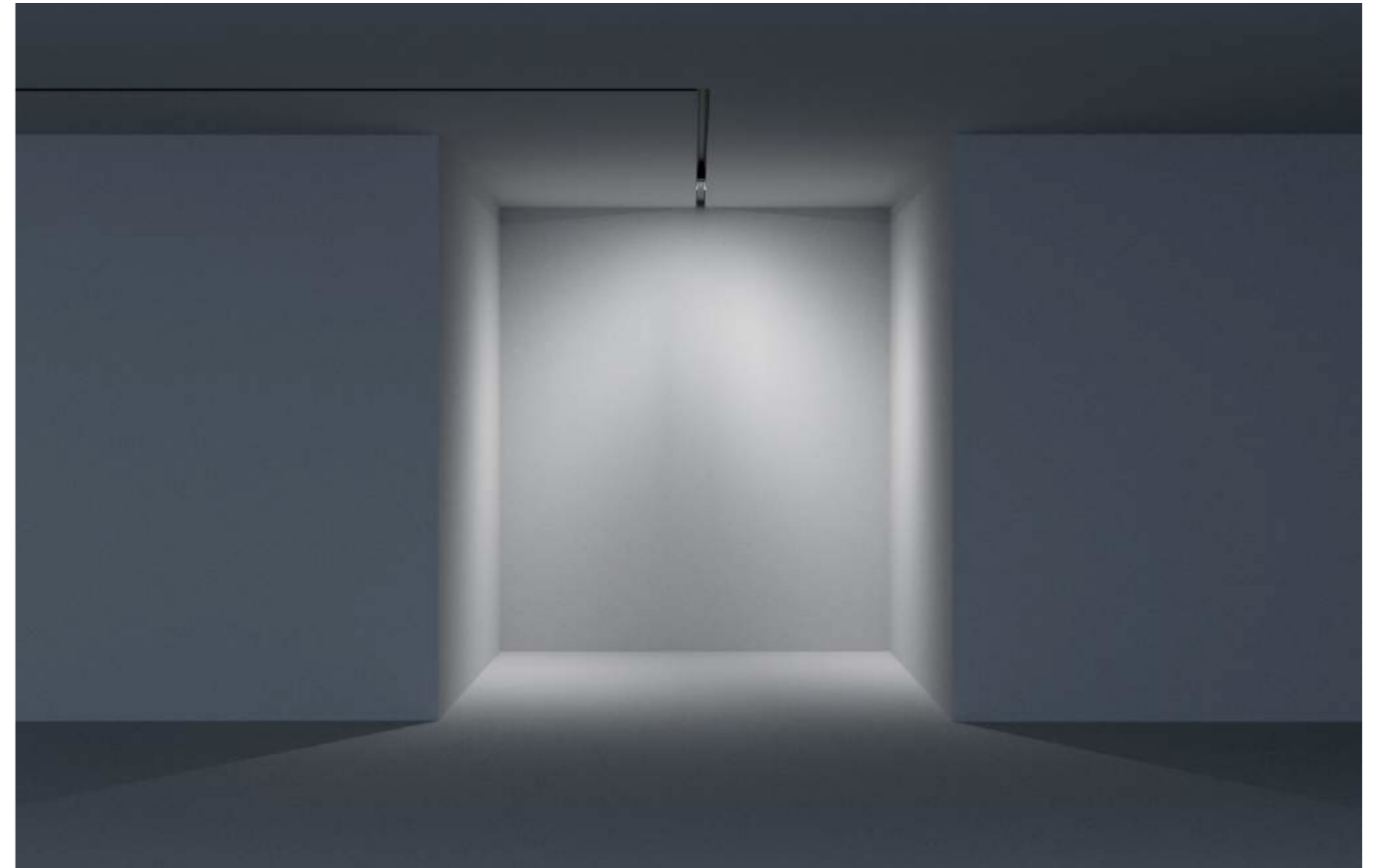
### Diffuser



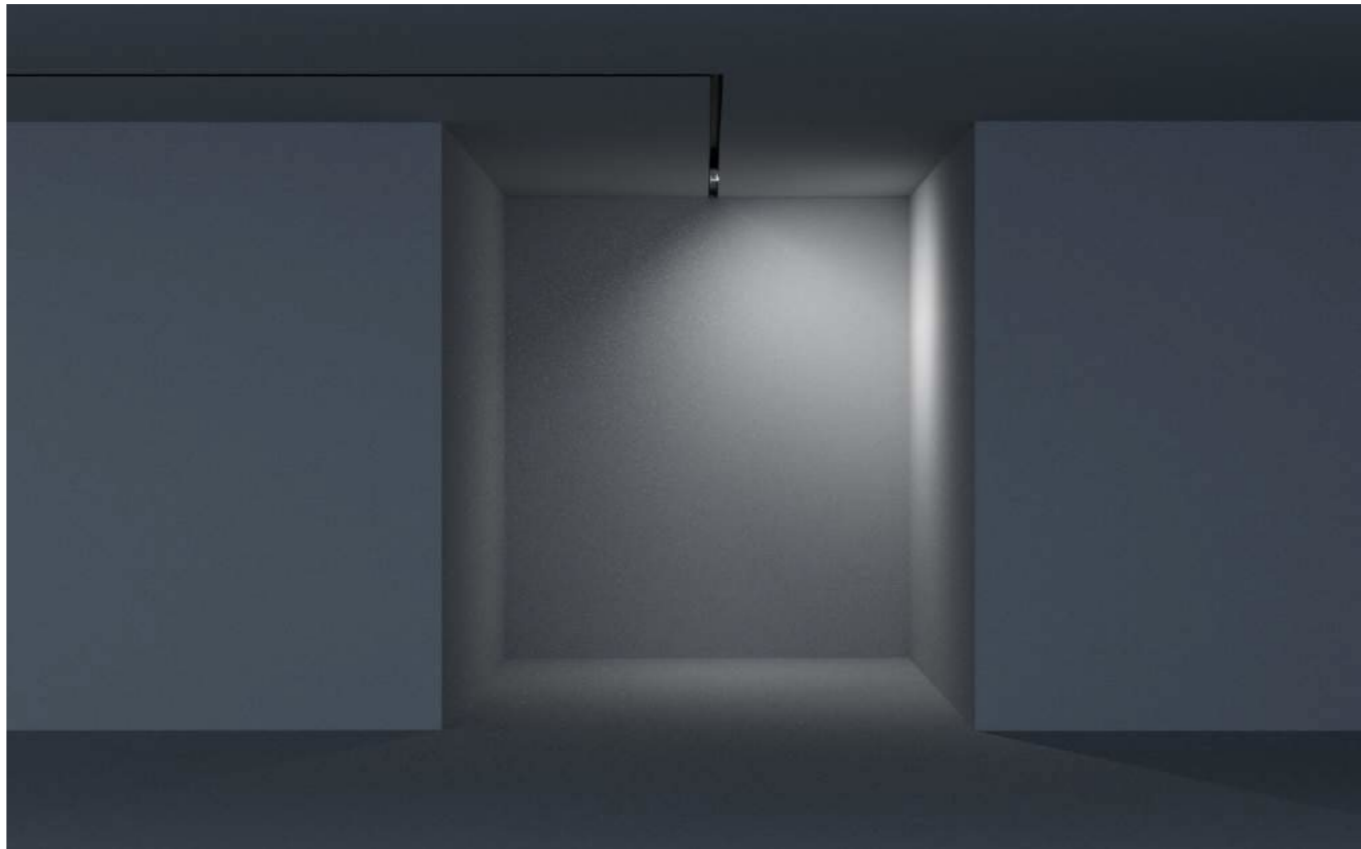
Prismatic



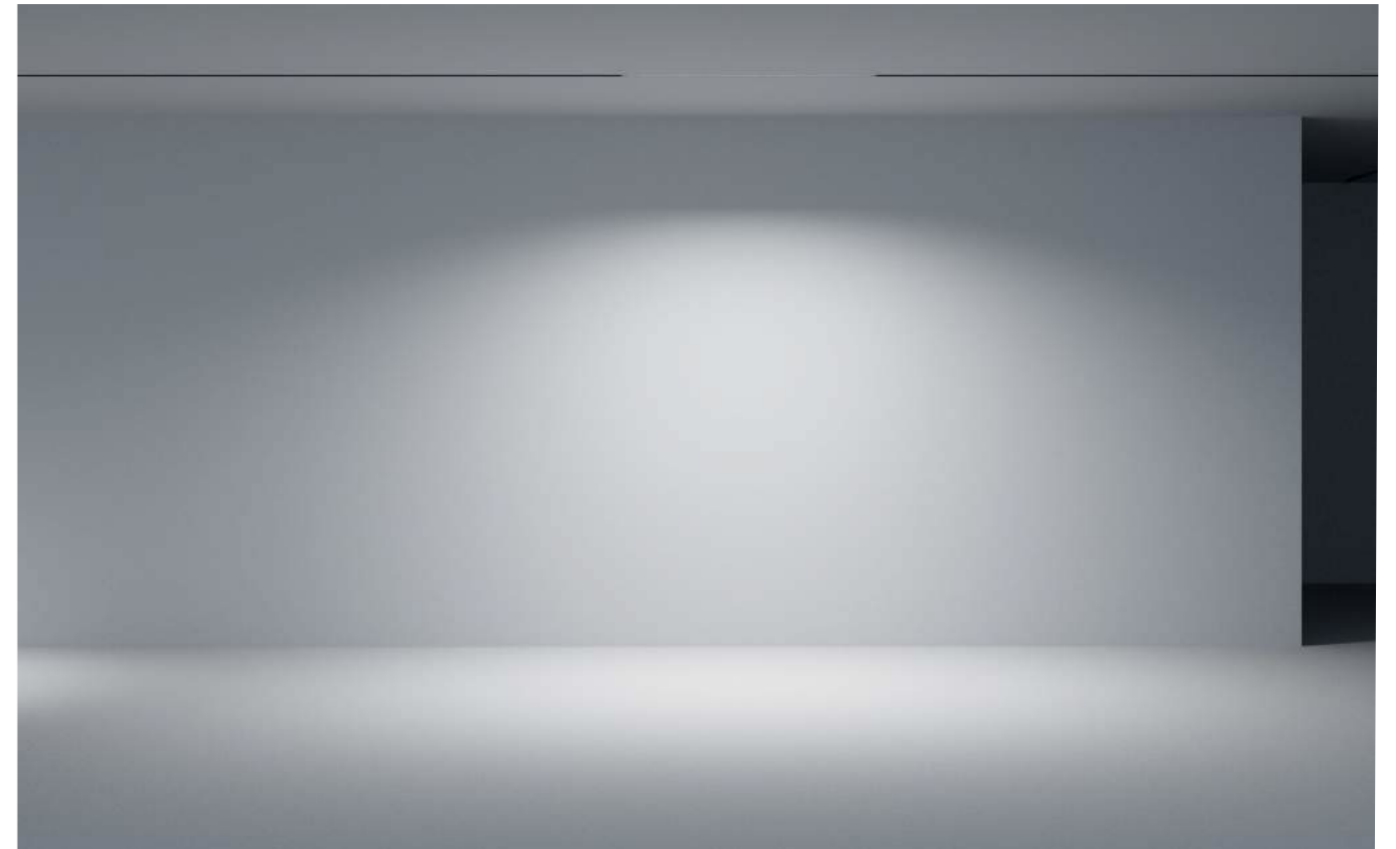
Double Asymmetric



Asymmetric



Block Frosted



GCTL- M20NK-25  
Round neon



GCTL-M20NK-27  
Square recessed neon



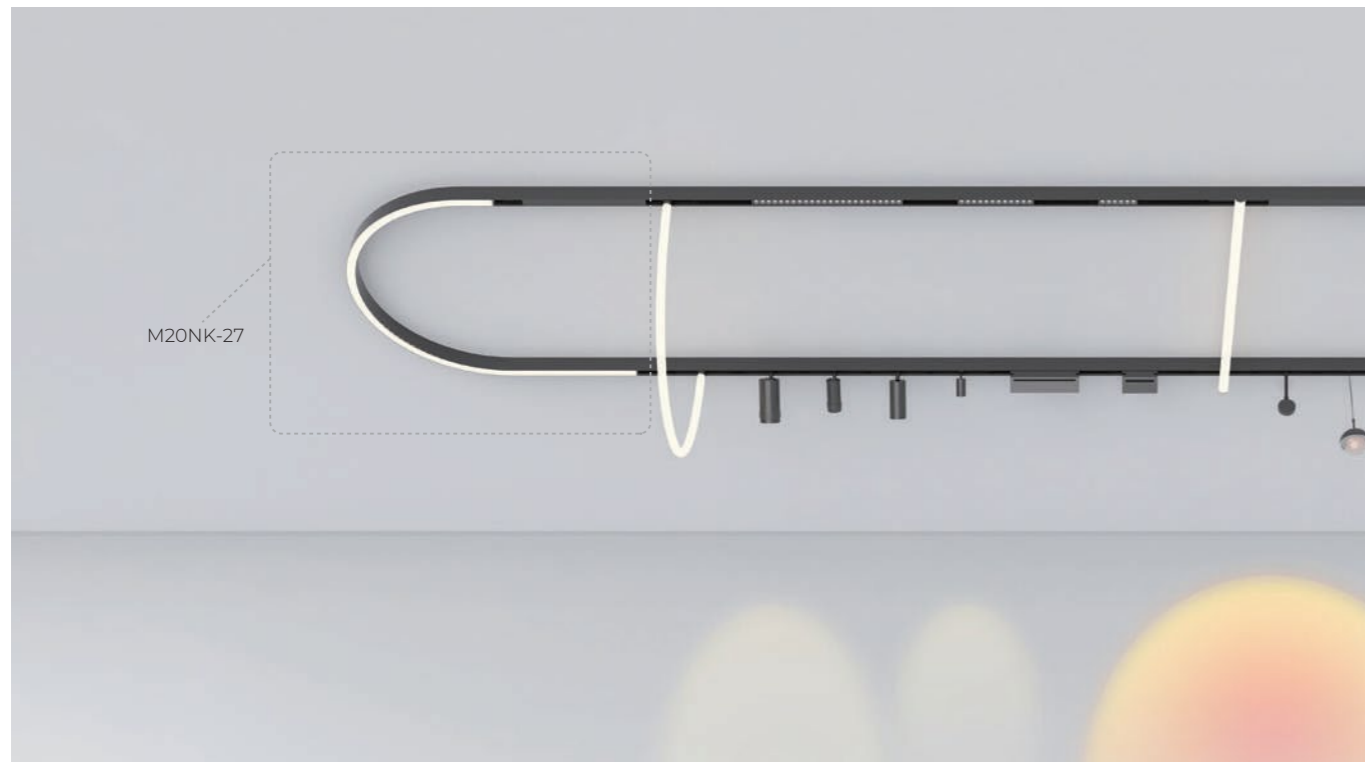
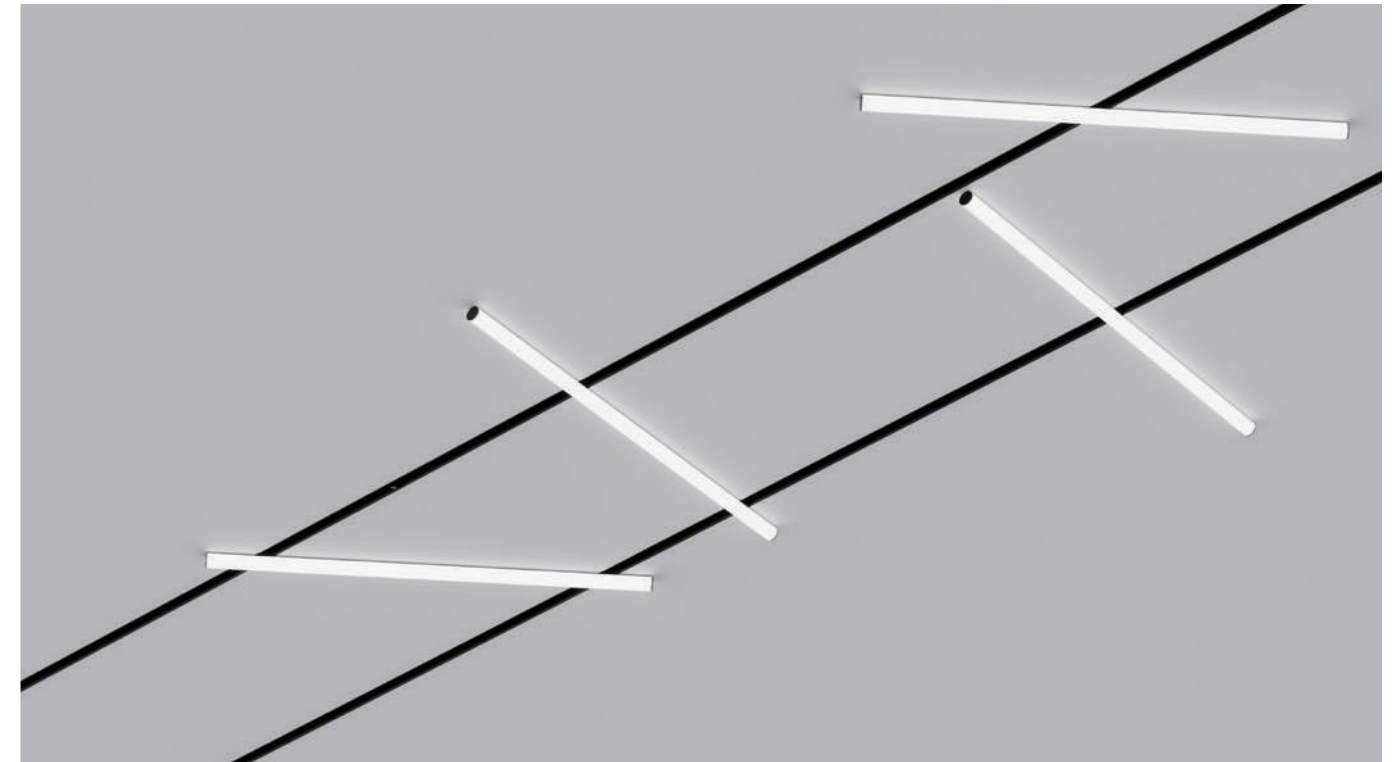
GCTL-M20CD  
Round tube



GCTL-M20CD(A)  
Corss-track round tube



Easy installation



# Decorative light module

GCTL-M20SS  
Sunset light



GCTL-M20IW  
Waterdrop light



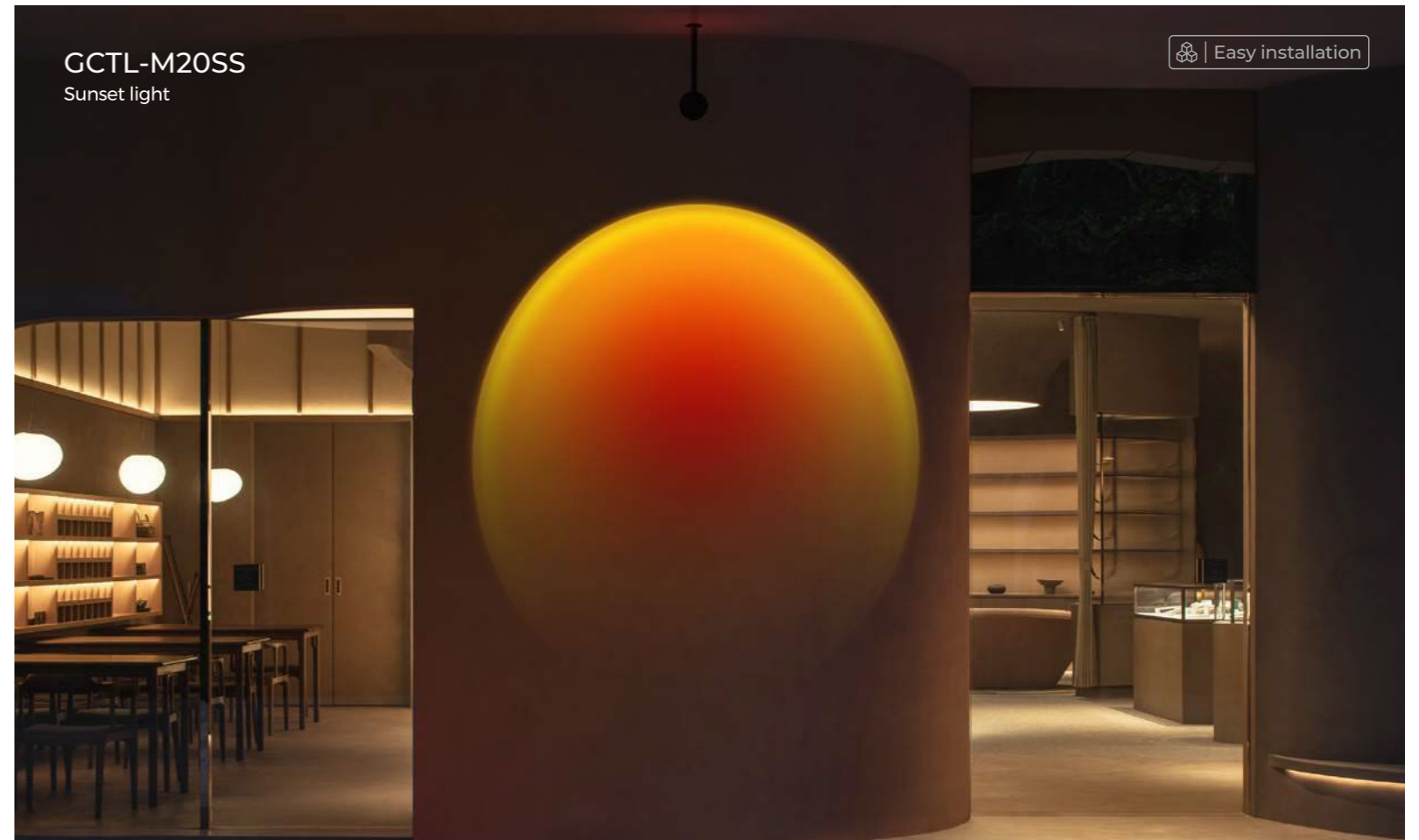
GCTL-M20IB  
Sphere light

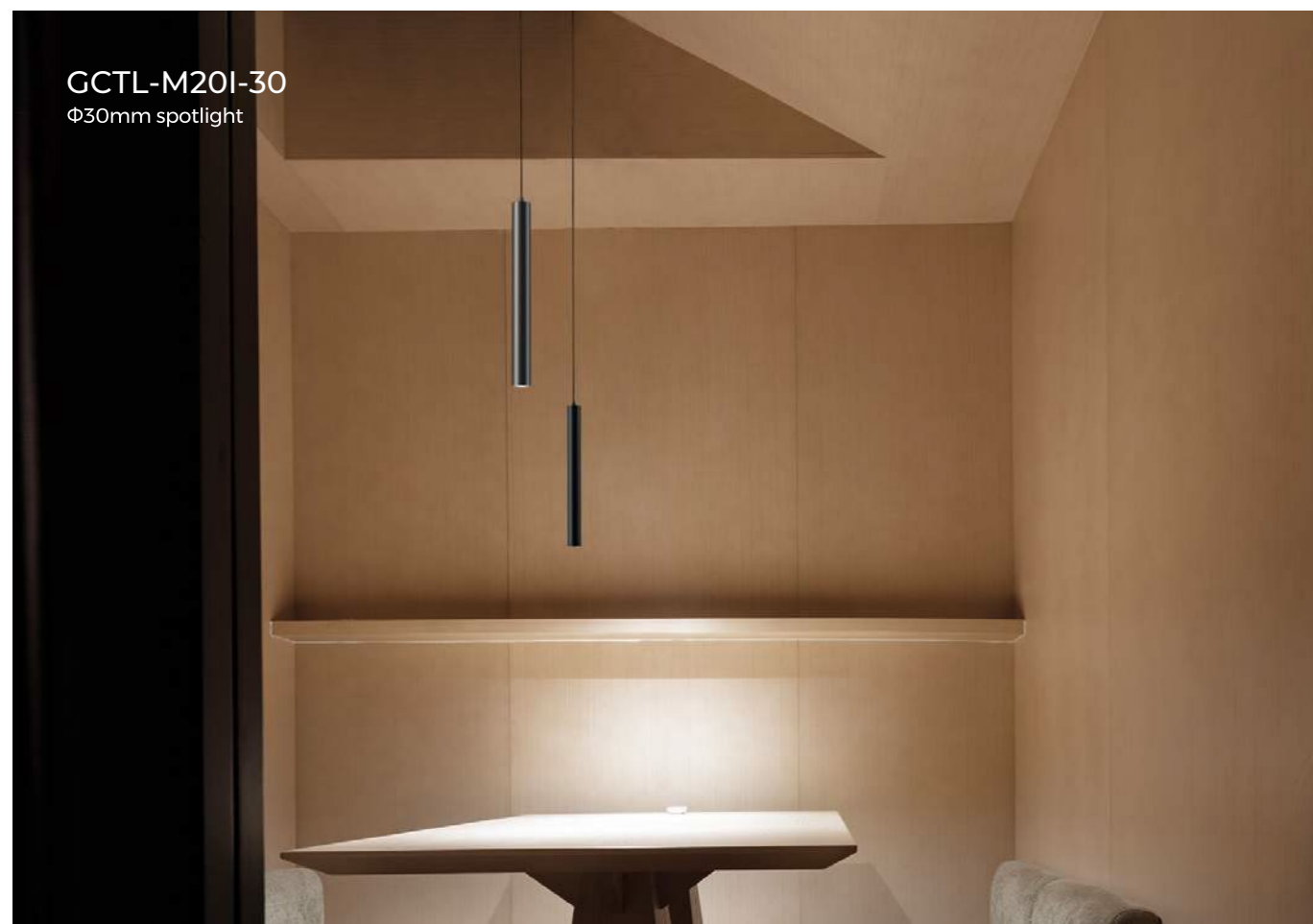
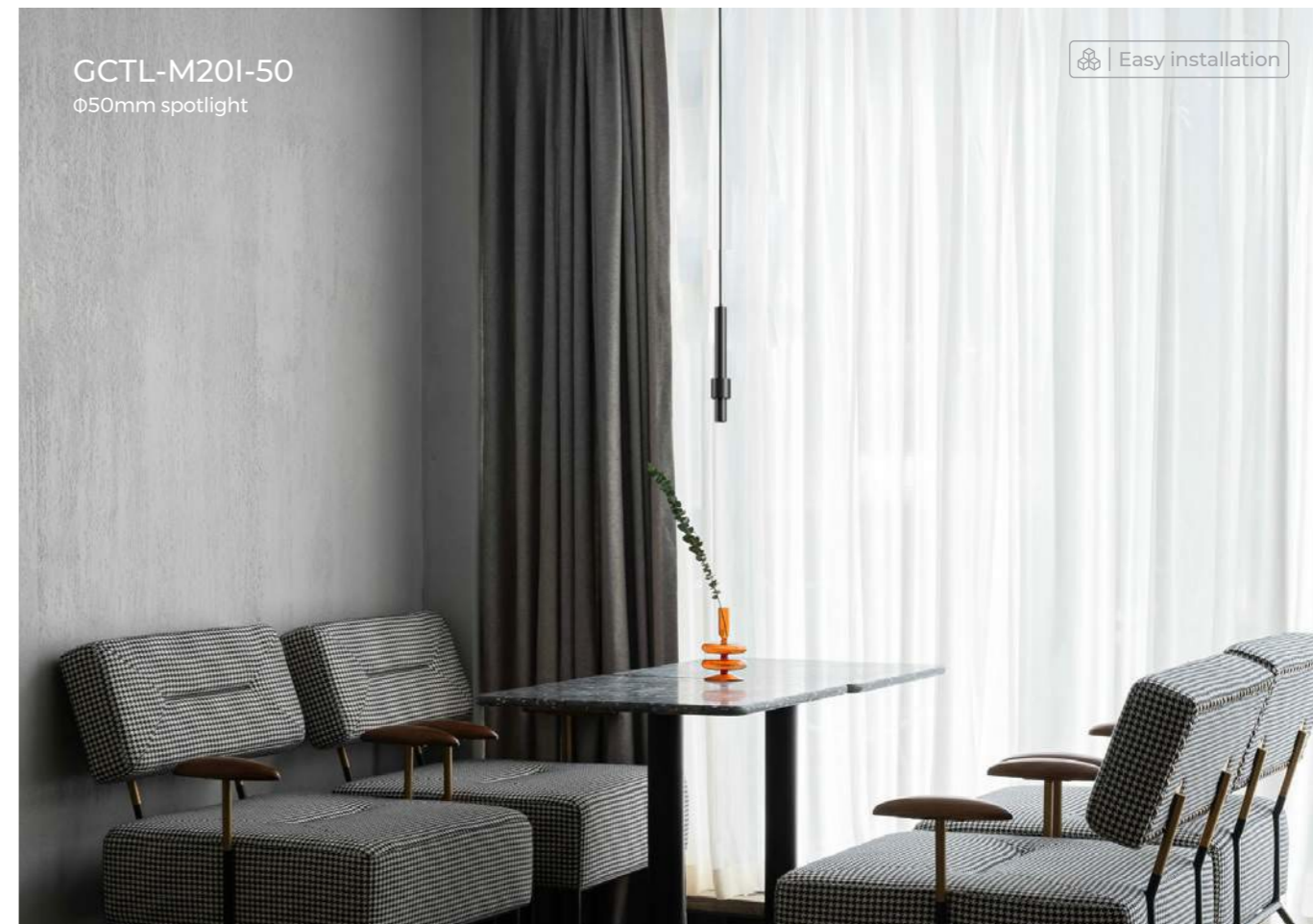


GCTL-M20I-30  
Φ30mm spotlight



GCTL-M20I-50  
Φ50mm spotlight





# 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

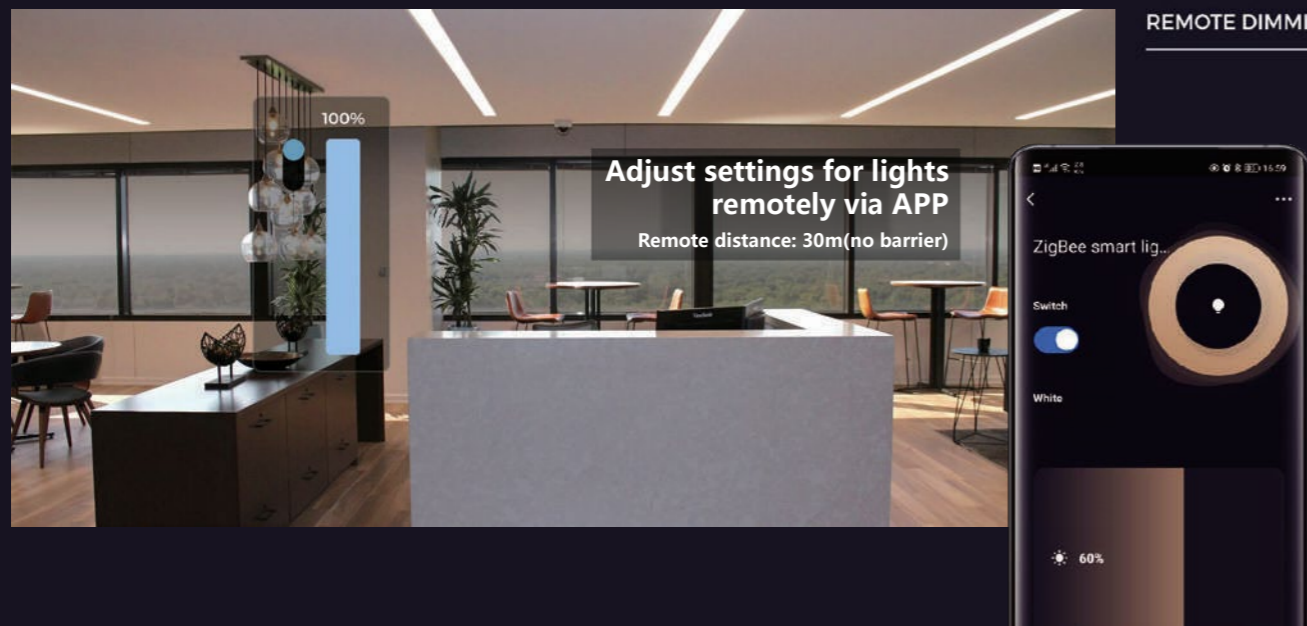


Do-Not-Disturb



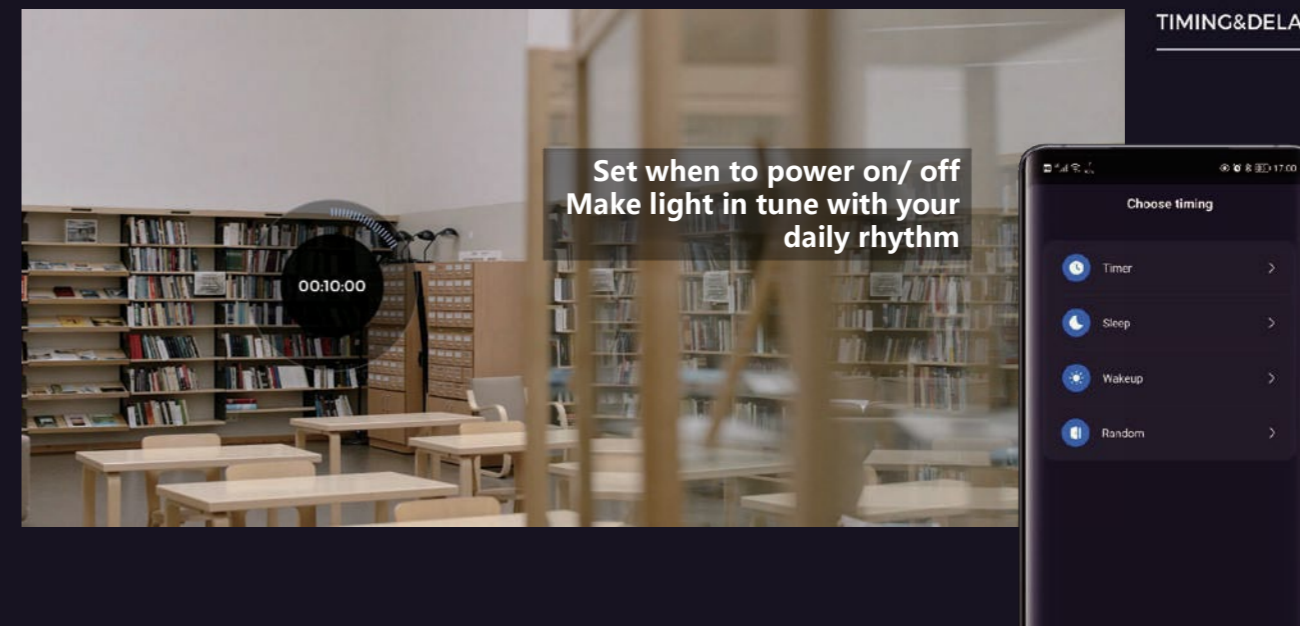
## LIGHT UP MOBILE SMART LIFE

### REMOTE DIMMING

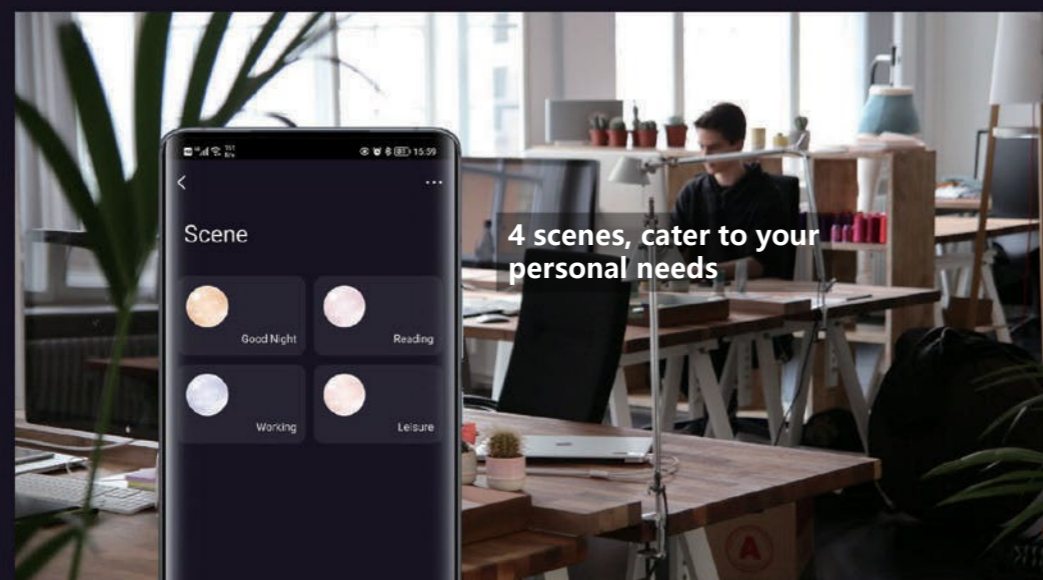


## LIGHT UP MOBILE SMART LIFE

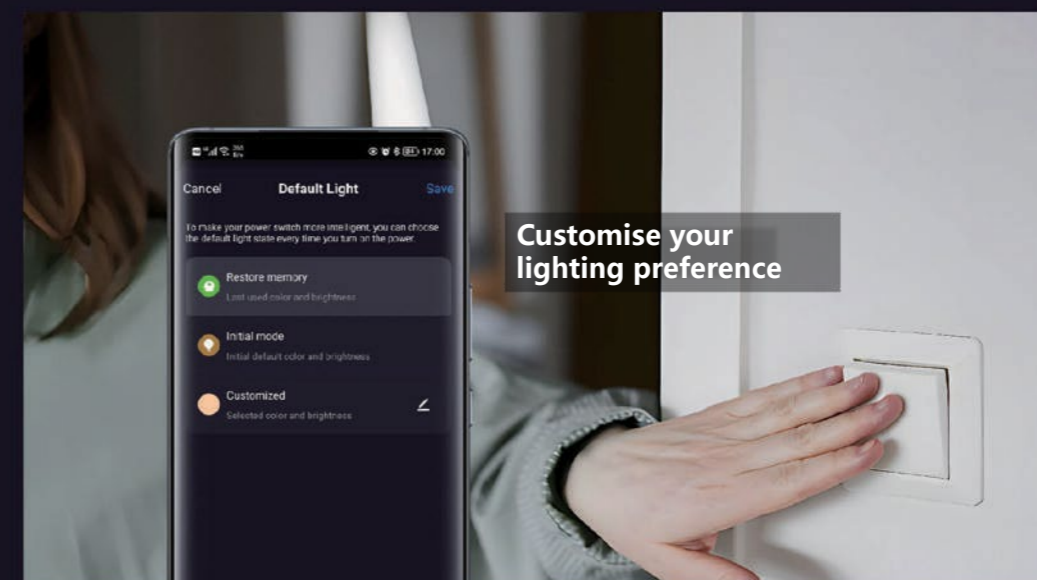
### TIMING&DELAY TIME



### LIGHT SCENE




### DEFAULT LIGHT



## LIGHT UP MOBILE SMART LIFE

**BRIGHTNESS GRADIENT**

Set light to darken or brighten gradually  
A buffer for your eyes



Cancel Gradient Save

Set the light to turn on gradually, so the light will not be dazzling in the rooming.

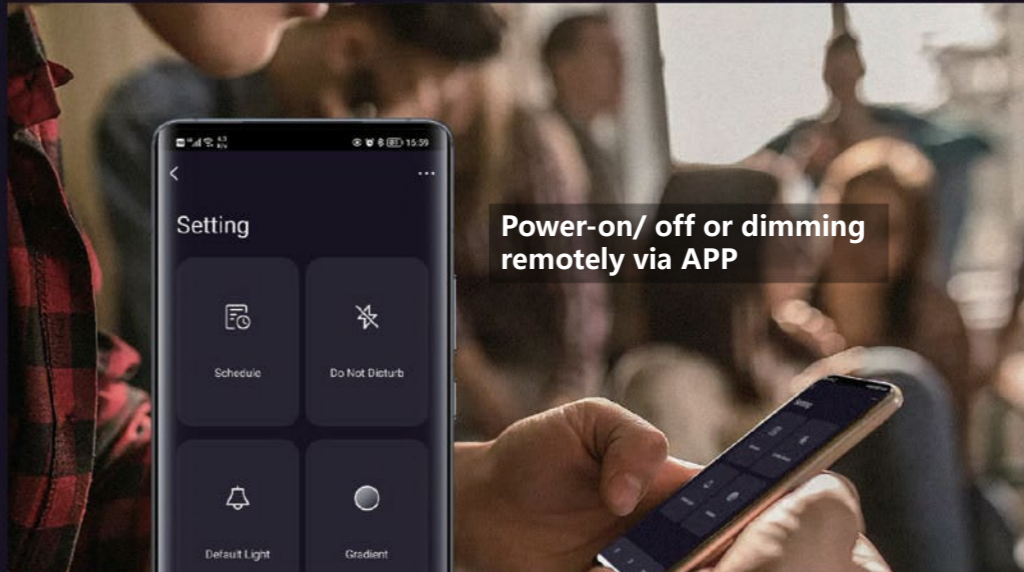
Turn on the lights gradually (s) - 5 +

Set the light to turn off gradually, so you can avoid hitting in a sudden dark.

Turn off the light gradually (s) - 5 +

## REMOTE CONTROL

Power-on/ off or dimming remotely via APP




Setting

Schedule Do Not Disturb

Default Light Gradient

## DO NOT DISTURB

Avoid sudden auto re-start after power outage



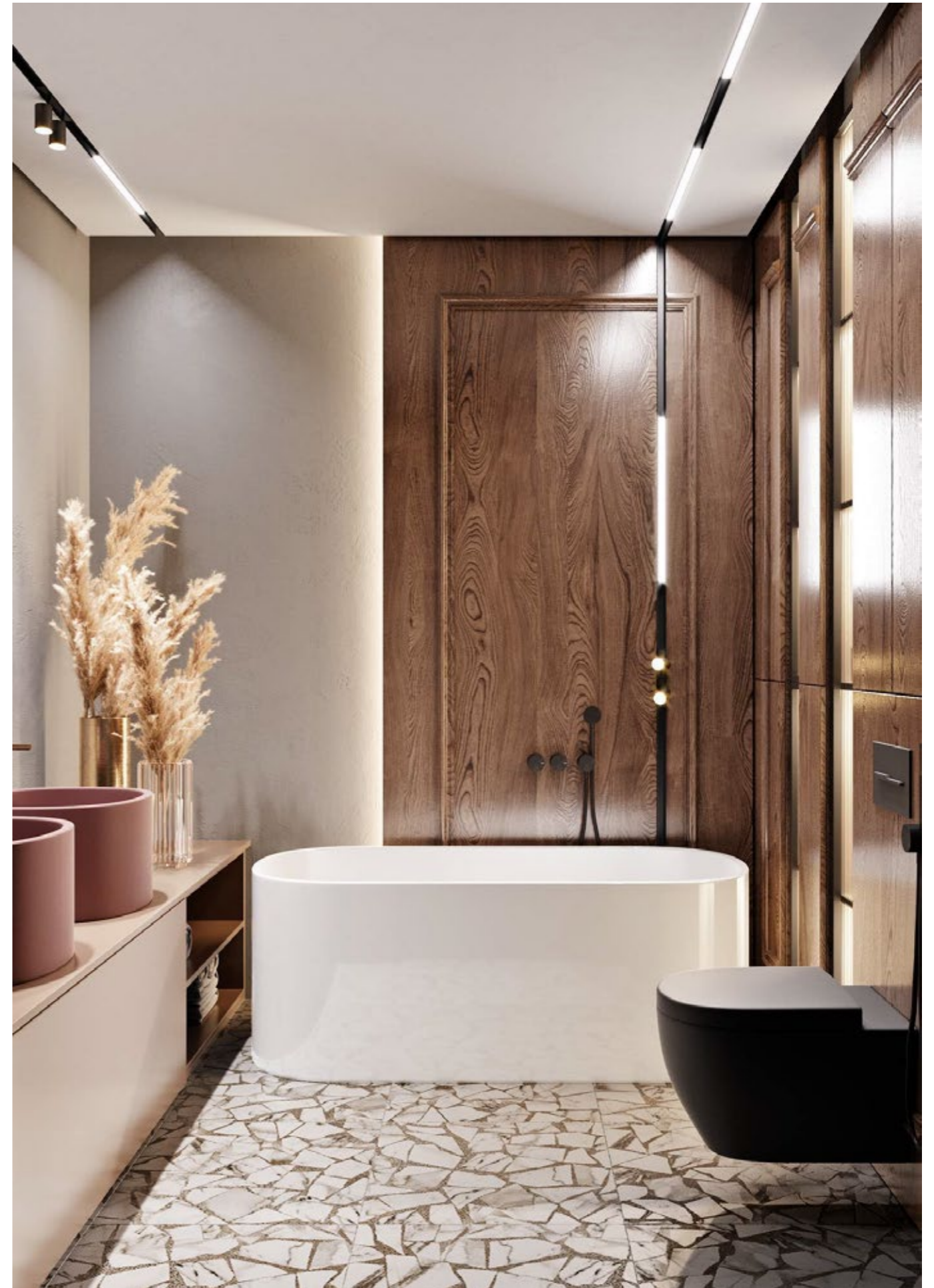
Cancel Do Not Disturb Save

After turning on the do not disturb mode, when the power is turned on after a power failure, the lamp will not be disturbed when the lamp is suddenly turned on. It needs to be switched on and off twice within 5s to normally turn on the lamp.



# Case









## Greenlux Lighting

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Website: [www.greenlux.com.au](http://www.greenlux.com.au)