MAGTRACK 20

24-48V magnetic track system

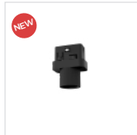
V2.0 2025.07.30

MAGTRACK 20 SERIES

MAGTRACK 20 is a DC24-48V magnetic track system of 20mm width. Its magnetic design 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, etc.

Product Overview

Spotlighs Module



MT20SZ-22
ϕ22*46mm
2W

MT20S-30
ϕ30*55mm
3W

MT20S-42
ϕ42*68mm
6W

MT20S-52
ϕ52*95mm
10W

MT20S-62
ϕ62*145mm
15W

MT20SZ-45
ϕ45*100mm
5W

MT20SZ-55
ϕ55*115mm
8W

MT20SZ-65
ϕ65*135mm
12W

MT20SL-45
ϕ45*100mm
10W

Linear Module

MT20FD
23*41*300mm 7W
23*41*600mm 14W
23*41*900mm 20W

MT20FP
23*41*300mm 7W
23*41*600mm 14W
23*41*900mm 20W

MT20LA
23*41*300mm 7W
23*41*600mm 14W
23*41*900mm 20W

MT20LS
23*41*300mm 7W
23*41*600mm 14W
23*41*900mm 20W

MT20G
23*41*113mm 6W
23*41*221mm 12W
23*41*436mm 24W

MT20G(A)
23*104*110mm 6W
23*104*220mm 12W

MT20FD(A)
23*104*110mm 5W
23*104*220mm 10W

MT20GW
23*70*600mm 10W
23*70*1000mm 15W
23*70*1200mm 20W

MT20CD
ϕ30*600mm 12W
ϕ30*900mm 18W
ϕ30*1200mm 24W

MT20CD(A)
ϕ30*600mm 12W
ϕ30*900mm 18W
ϕ30*1200mm 24W

MT20NK-25
ϕ25*1000mm 12W
ϕ25*2500mm 30W
ϕ25*5000mm 60W

MT20NK-27
ϕ24.2*26.6*1008mm 9W
ϕ24.2*26.6*1508mm 14W
ϕ24.2*26.6*5008mm 45W

Decorative Module

MT20I-30
ϕ30*300mm
5W

MT20I-50
ϕ50*300mm
5W

MT20IJ-30
ϕ30*530mm
7W

MT20IW-40
ϕ40*100mm
3W

MT20SS-55
ϕ55*208mm
3W

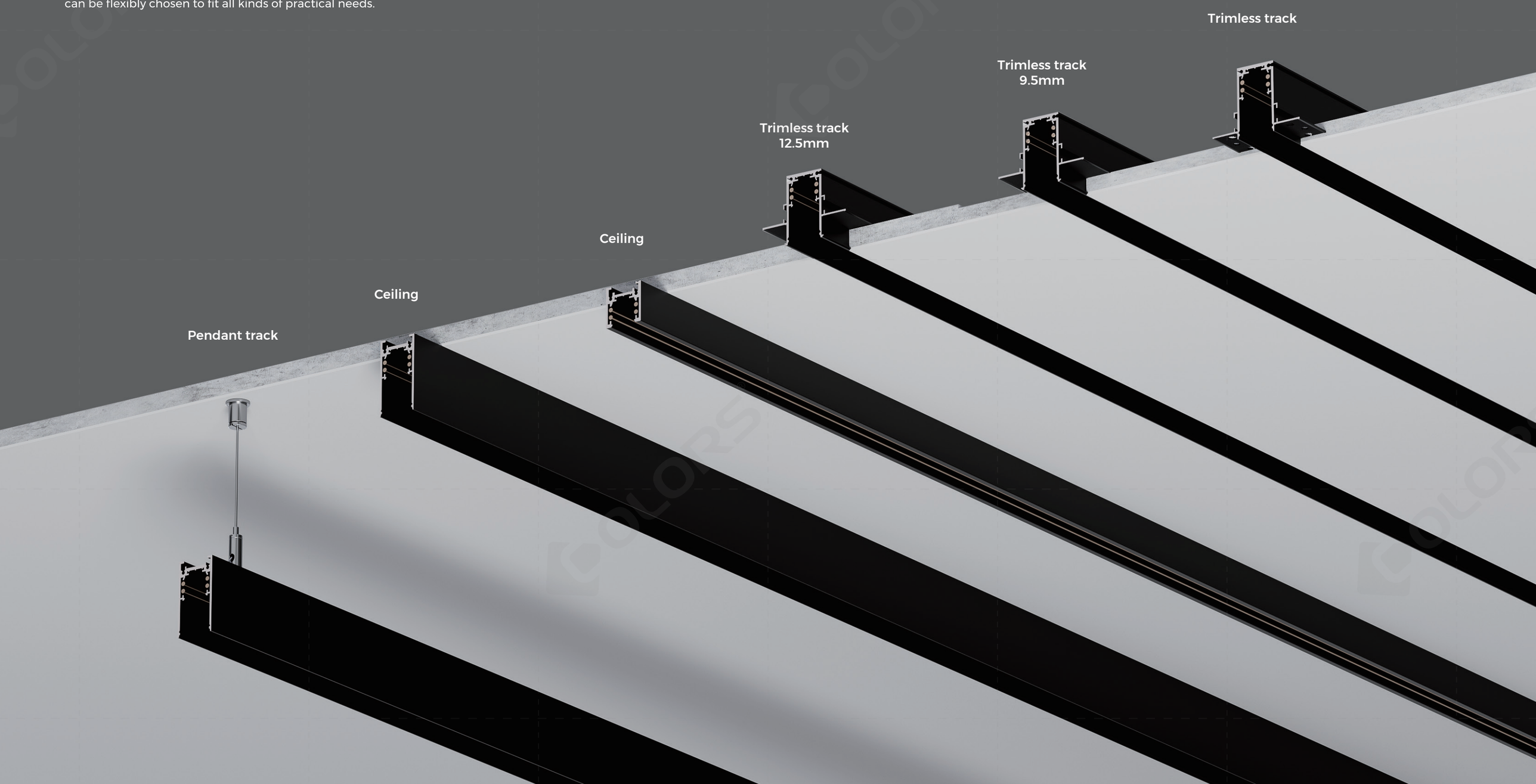
MT20IB-110
ϕ110mm
5W

MT20IB-110(B)
ϕ110mm
5W

Type of track

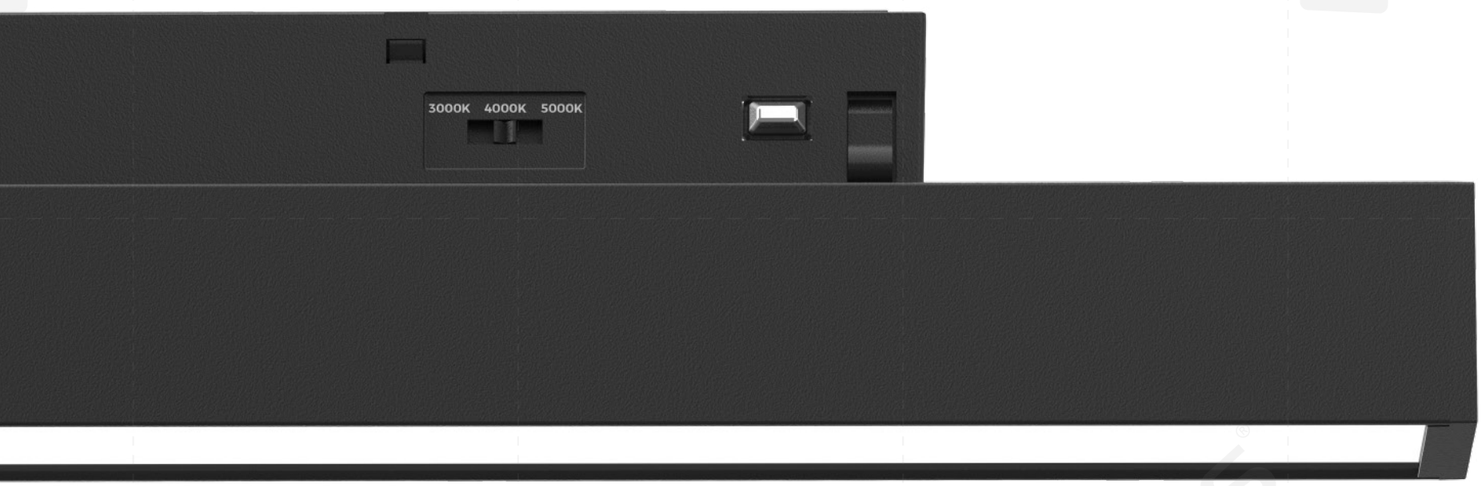
Straight track

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



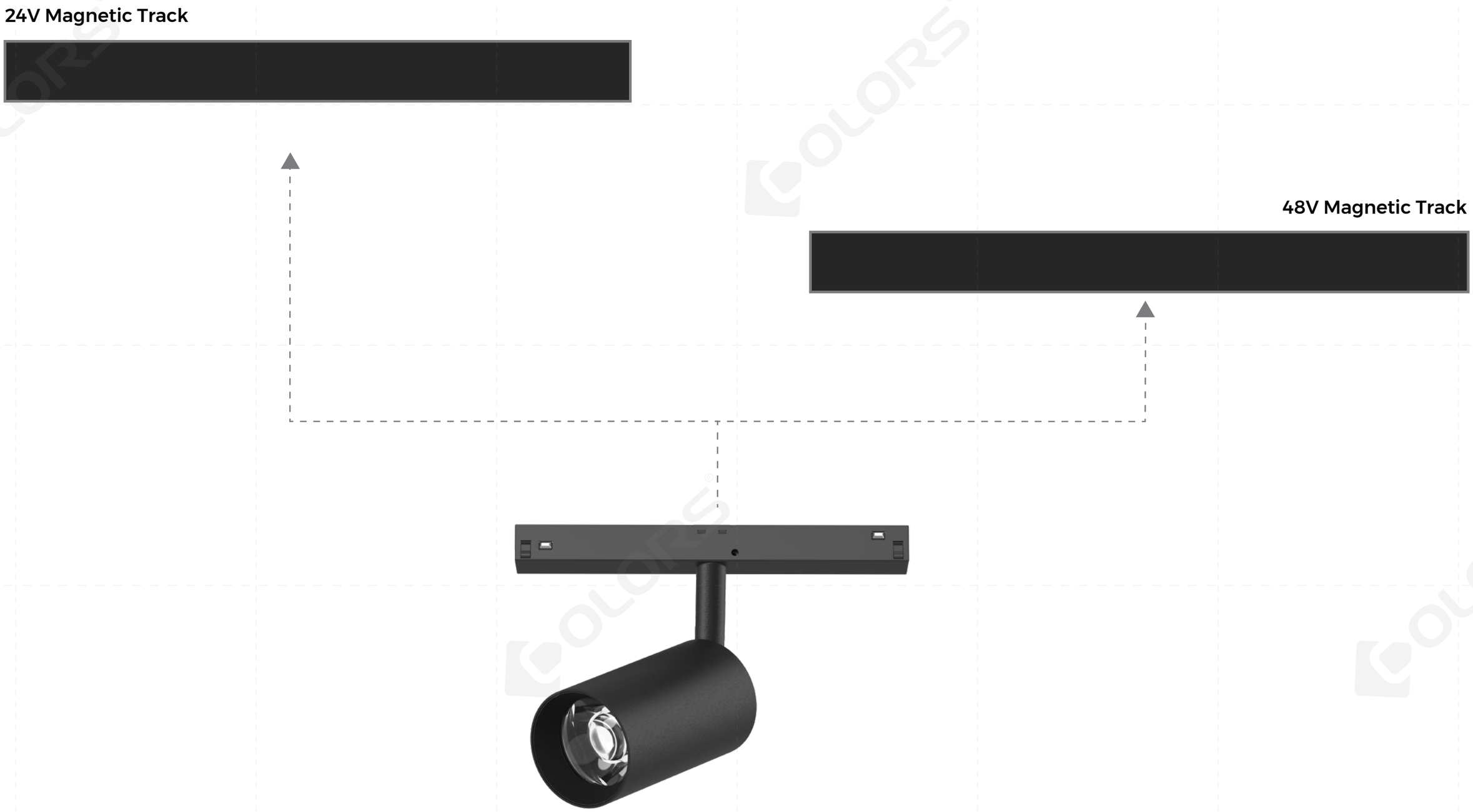
3CCT Dial-switch

3000 K | 4000 K | 5000 K

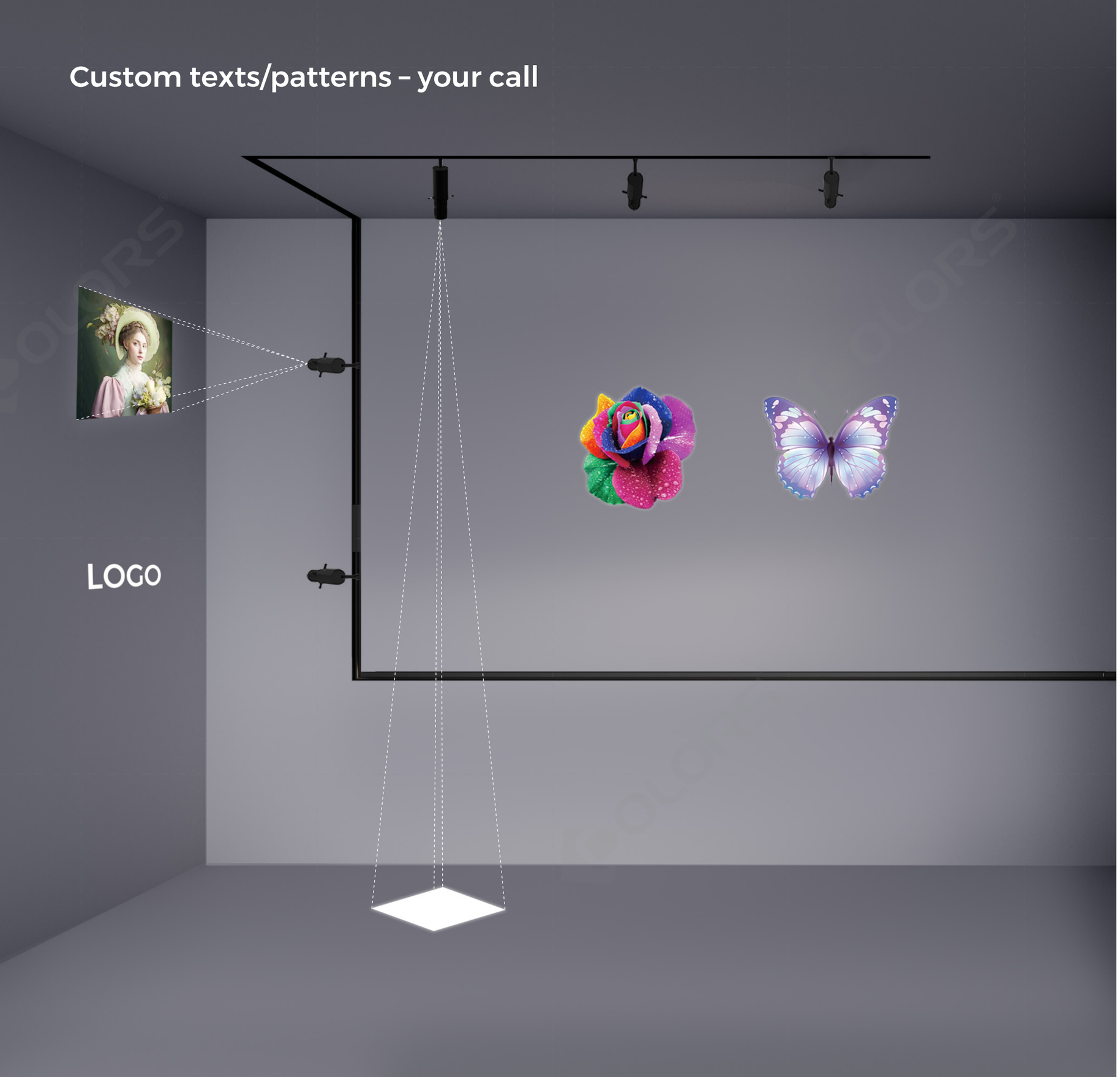


All-metal housing
Minimalist appearance

Adaptive Voltage24-48V



Custom texts/patterns – your call



Application

A EC-MH20

B MT20-HDRV100H48S-M/
MT20-HDRV200H48S-M

C TLS-MH2X0

D TLS-MH208A90/
TLS-MH210A90/TLS-MH212A90

E L90-MH20

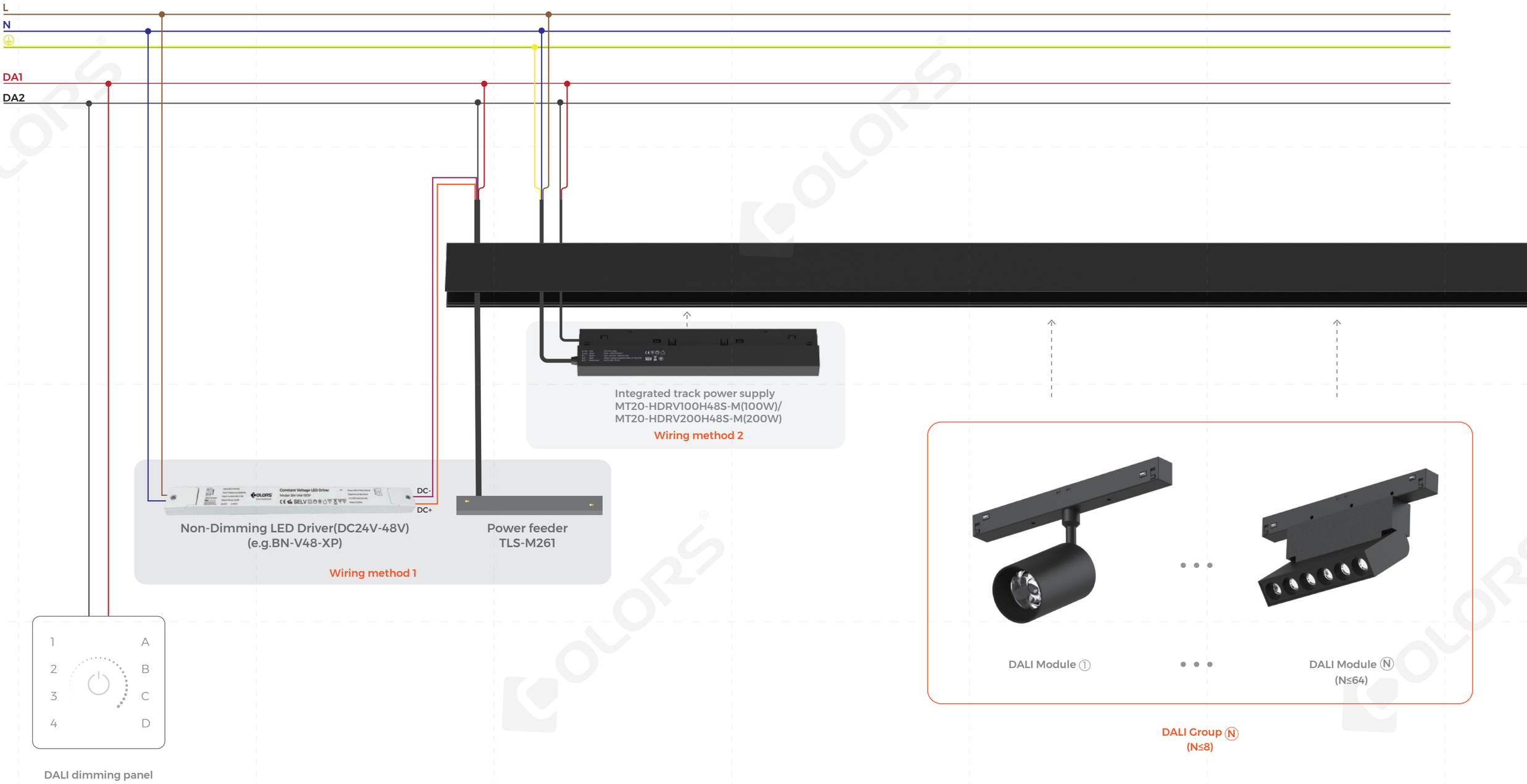
F L90N-MH20

G TLS-M266

H TLS-M264

DALI Control Applications

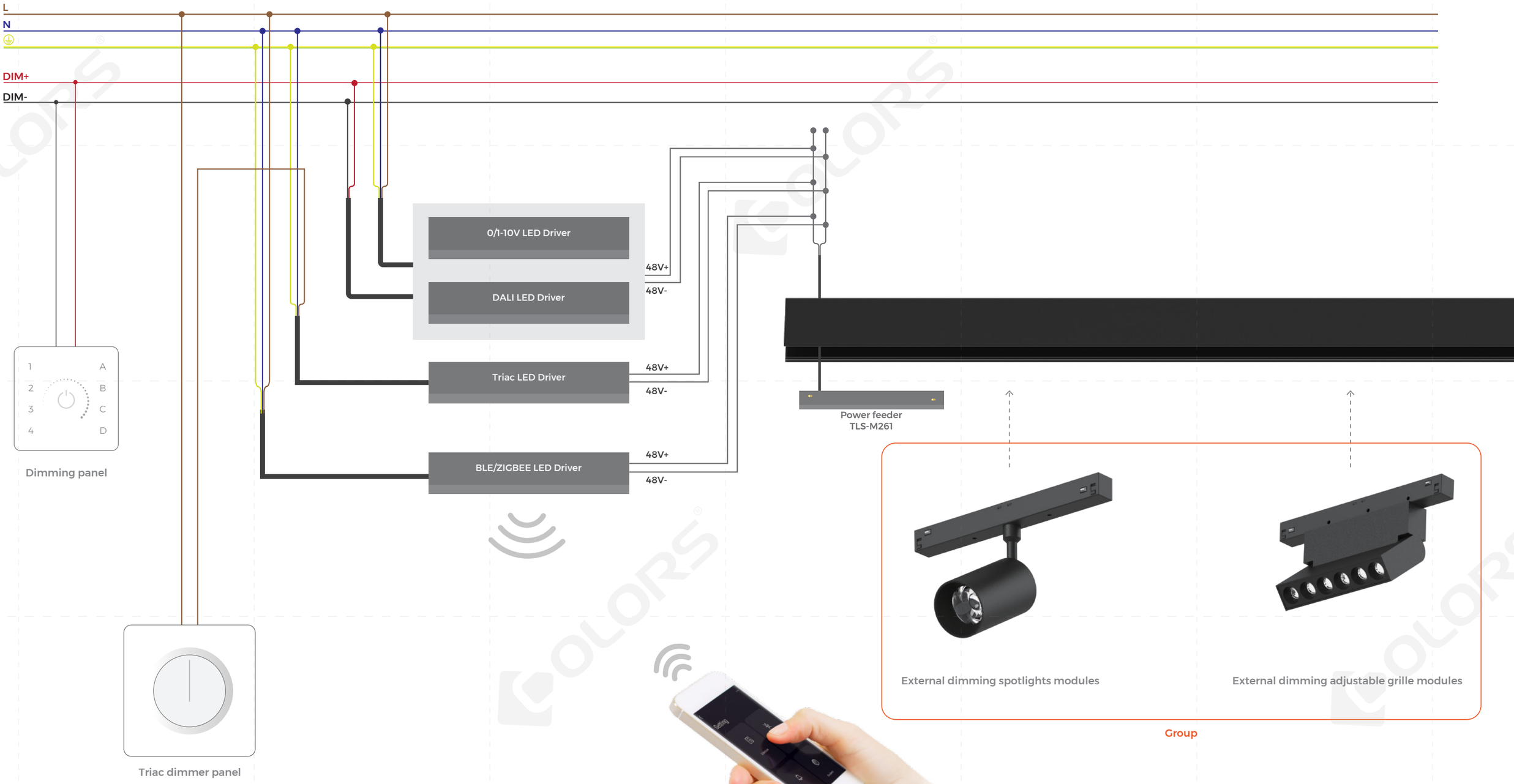
Single contorl/ Group control



Control individual DALI track modules or groups via the DALI control panel.

External dimming Applications

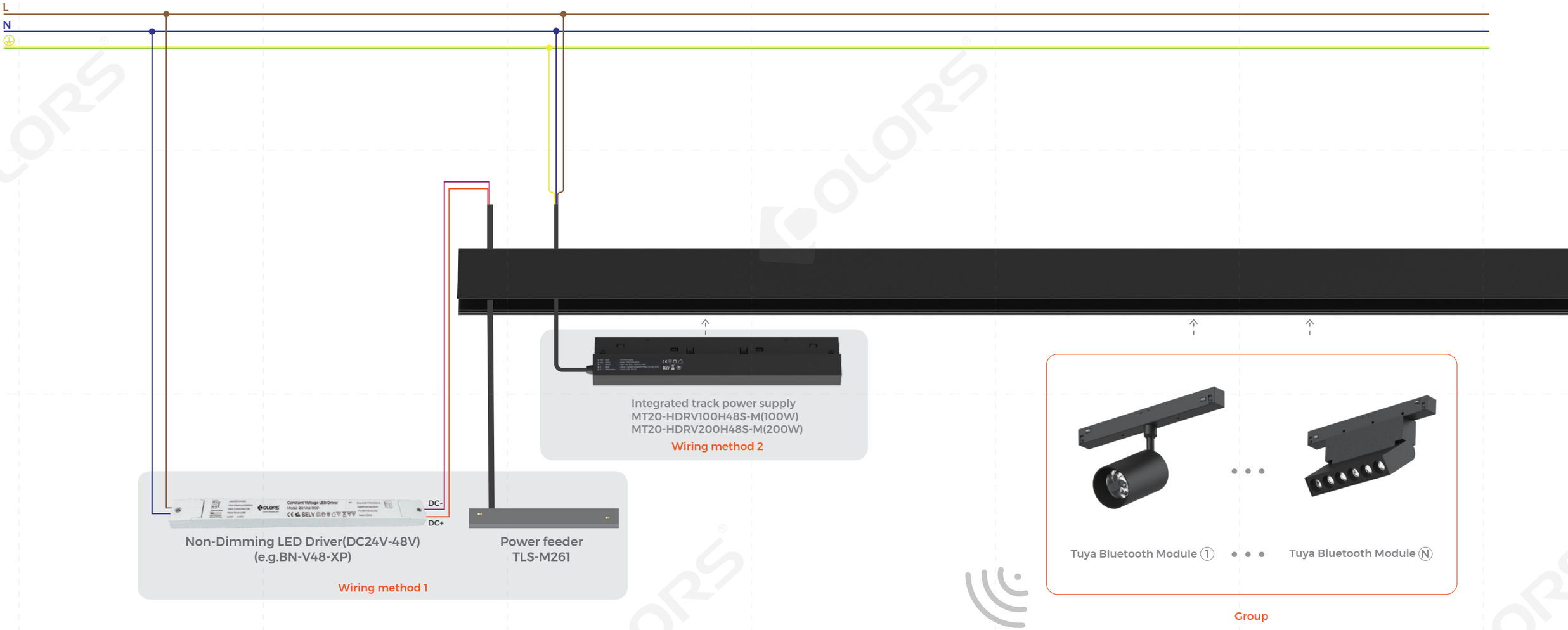
Group control



External dimming modules support connection to additional external dimming power supplies (e.g., 0/1-10V, TRIAC, DALI, wireless dimming power supplies such as BLE/ZigBee) and enable group control via devices like dimming panels.

Tuya Bluetooth Wireless Control Applications

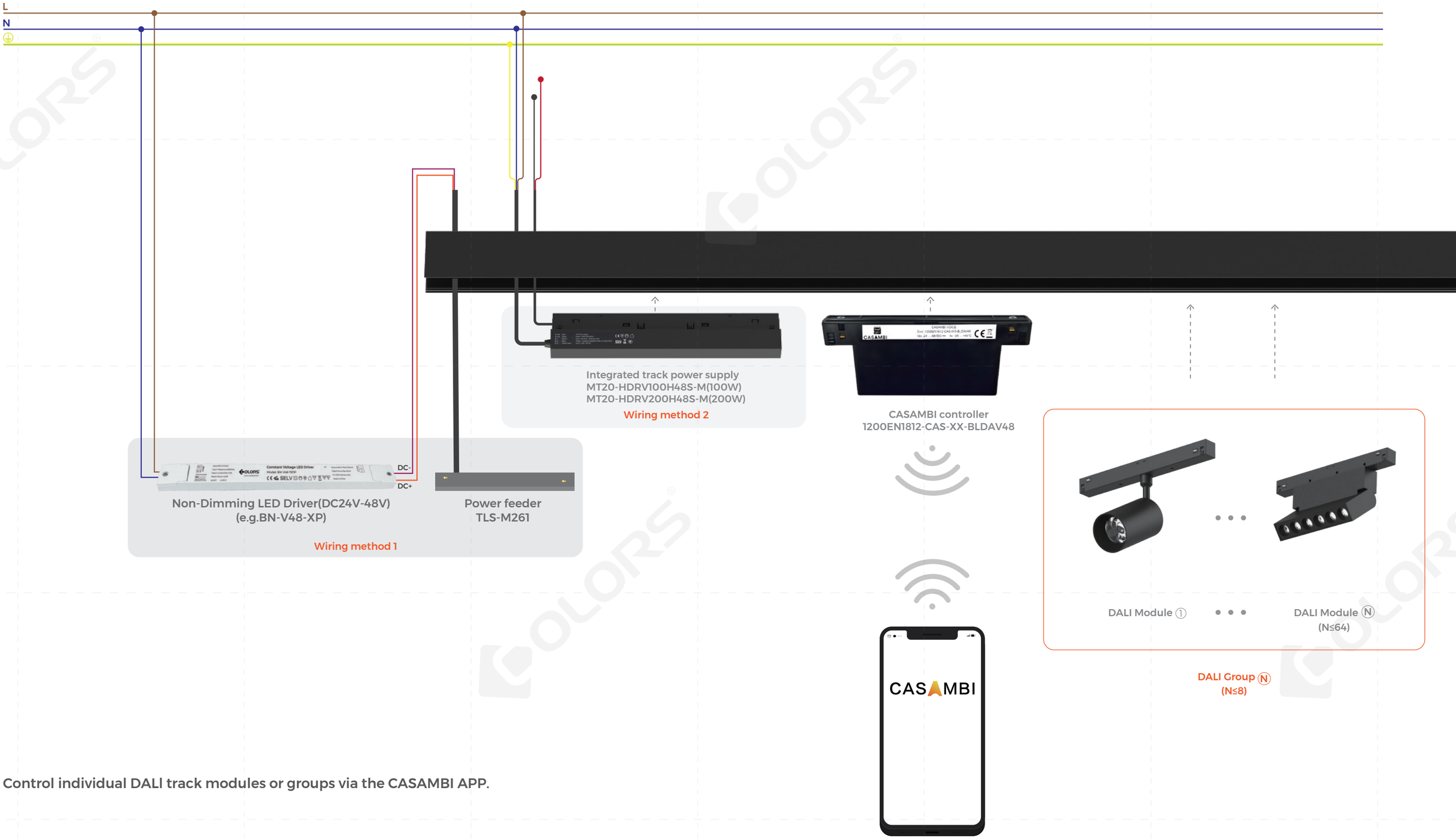
Single contorl/ Group control



Control individual Tuya Bluetooth track modules or groups via the Tuay APP.

CASAMBI Bluetooth Wireless Control Applications

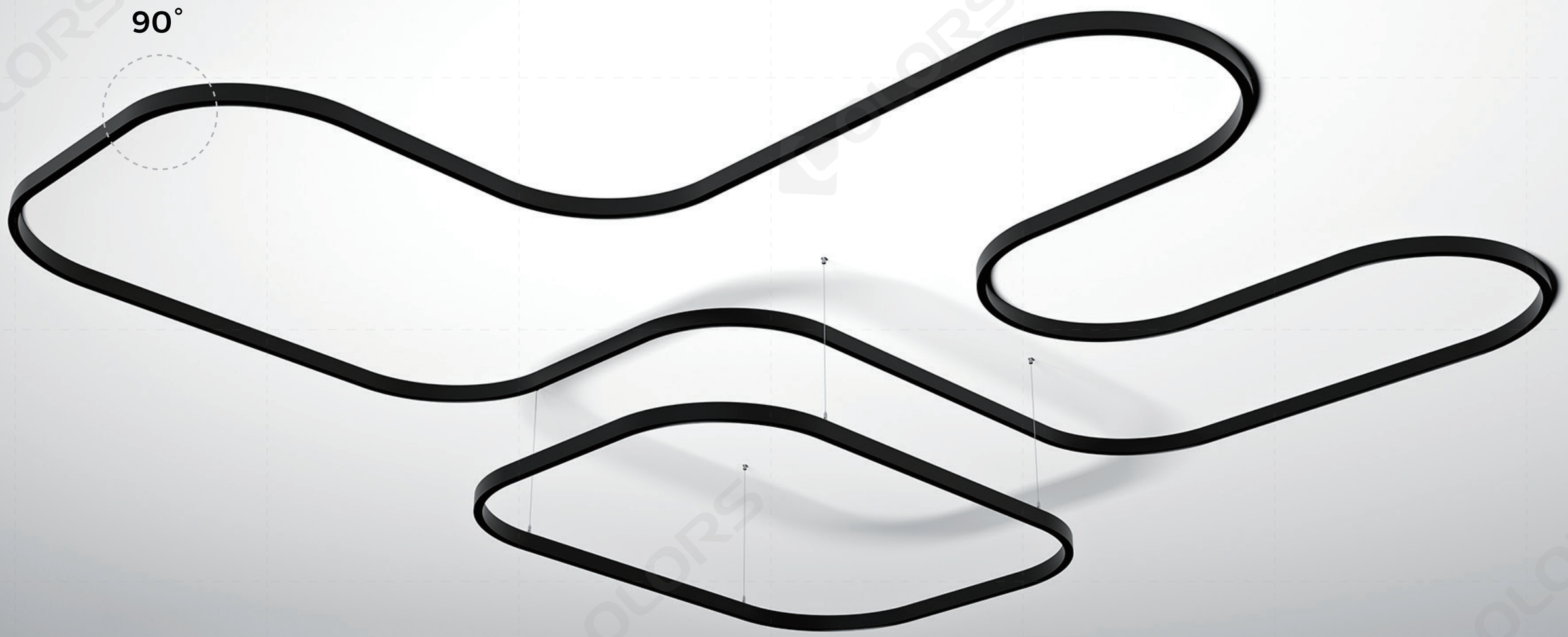
Single contorl/ Group control



Control individual DALI track modules or groups via the CASAMBI APP.

Curved track

The rotation angle is 90 degrees

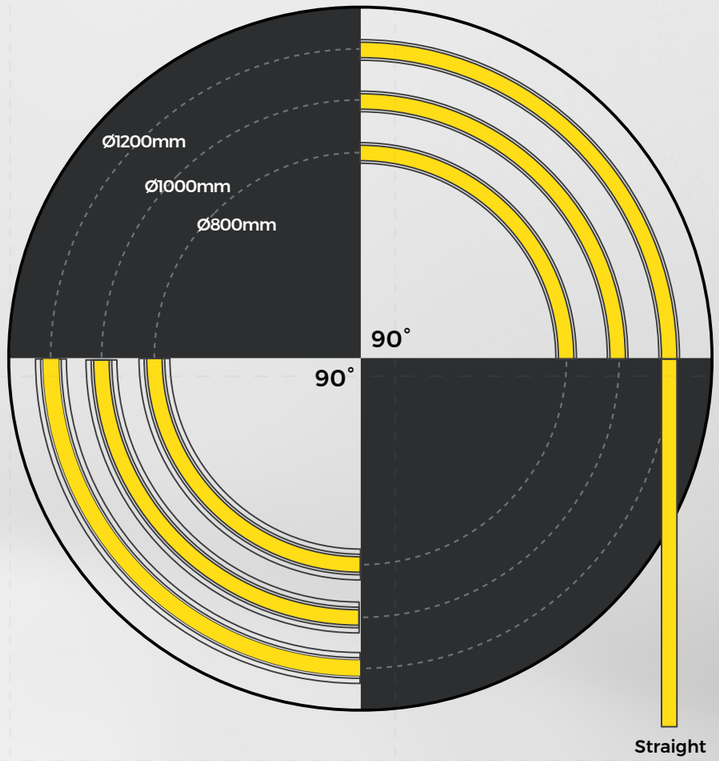


Curved track

Combine with straight track for more possibilities

Trimless track
(12.5mm)

Pendant track

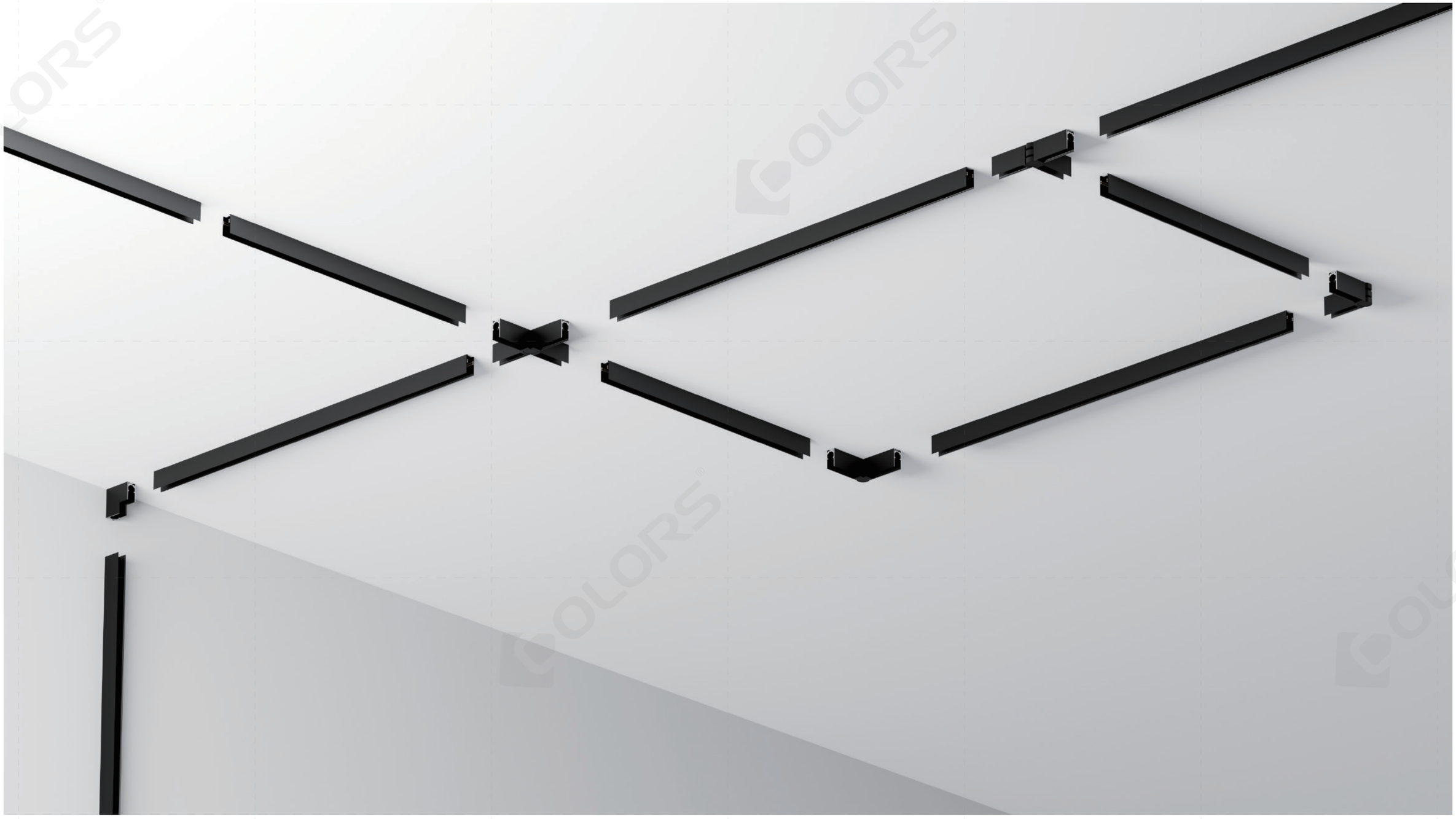


Variety of designs

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

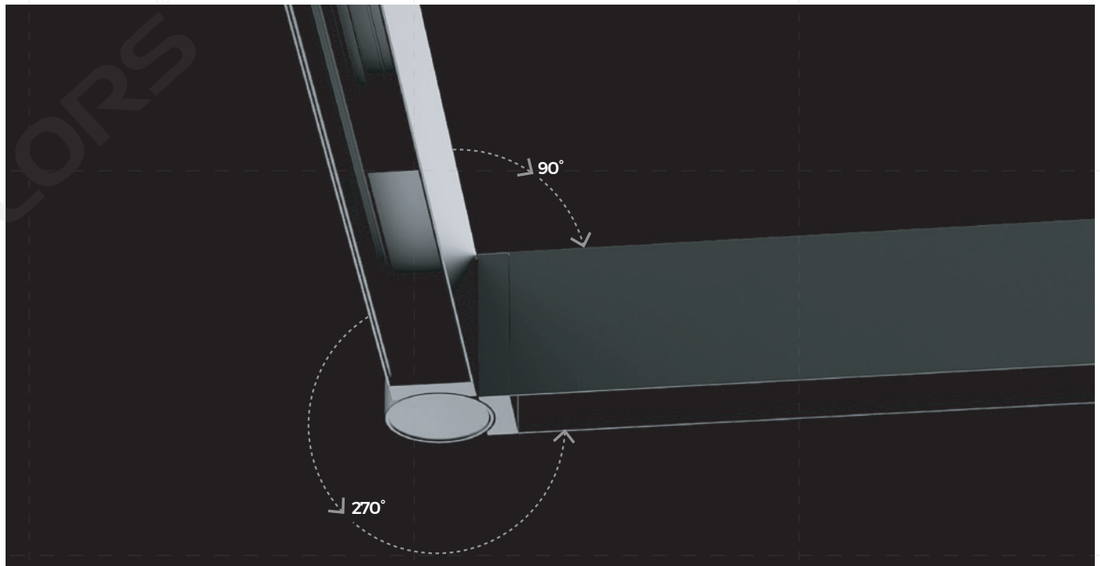
Standard connector

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

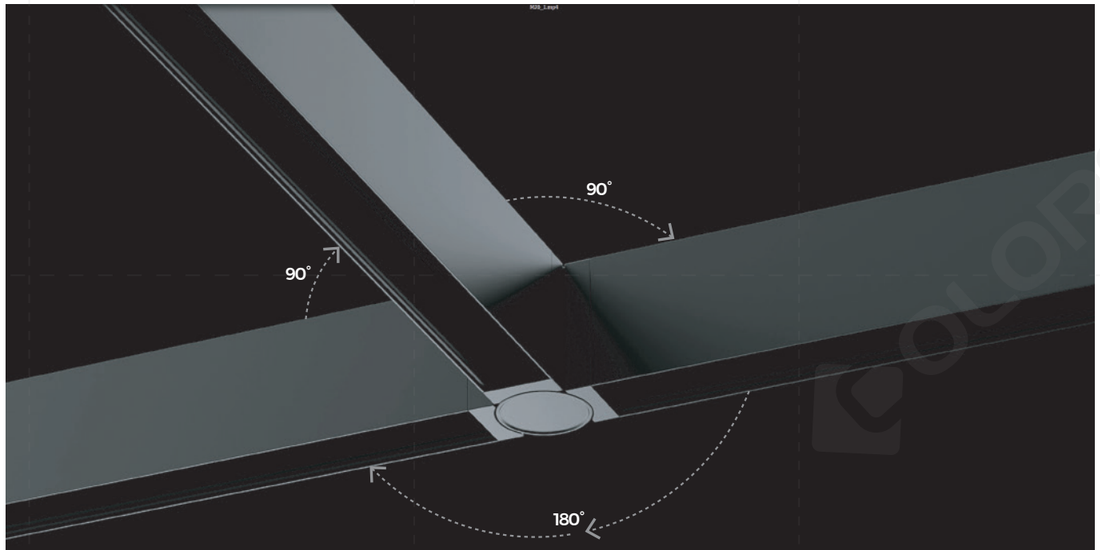


Straight corners

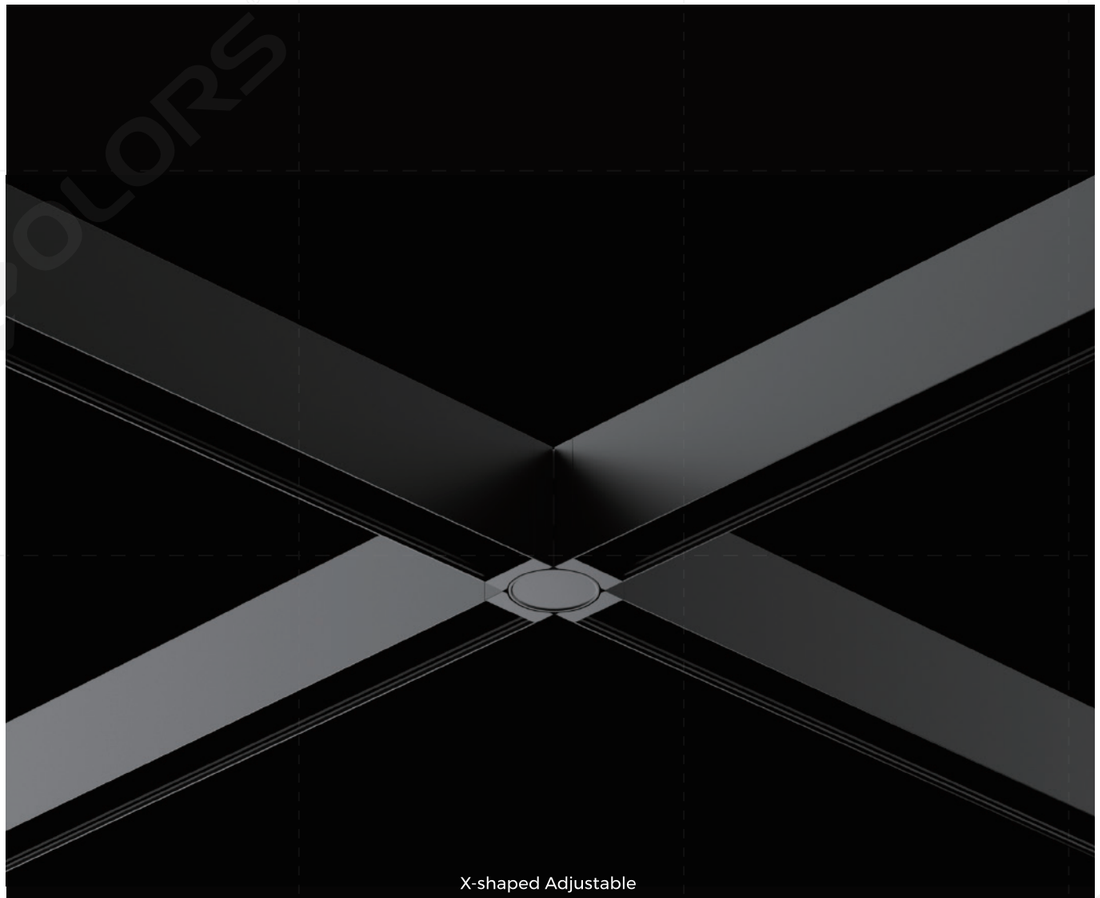
L-shaped, T-shaped and X-shaped corners can be realized, and the angle can be adjusted to achieve more possibilities.



L-shaped Adjustable (Downward)



T-shaped Adjustable (Downward)

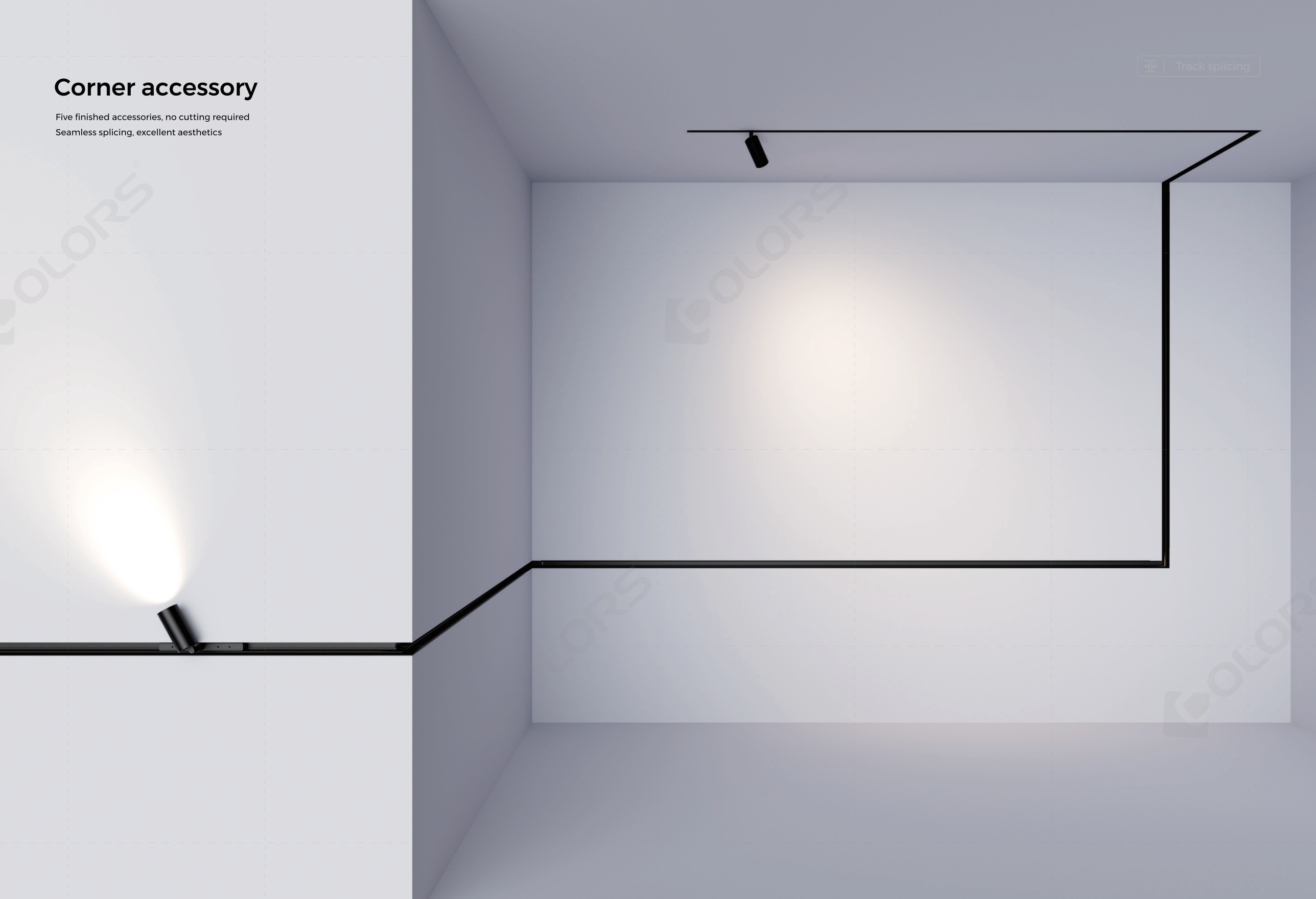


X-shaped Adjustable
(Downward)

*Only applicable to exposed loading and hoisting tracks

Corner accessory

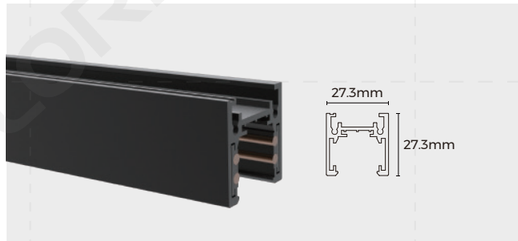
Five finished accessories, no cutting required
Seamless splicing, excellent aesthetics



Systematic lighting, Effortless assembly

Straight Track

Ceiling / Pendant track



TLS-MS2X0 (X: 1 / 2 / 3 M)

Installation: Ceiling / Pendant

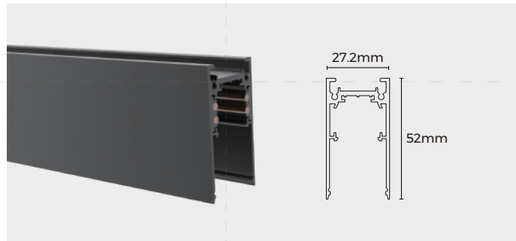
Material: AL6063-T5

Coating: Black

Size: 27.3×27.3×1000/2000/3000mm

Rated current: 12A

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



TLS-MH2X0 (X: 1 / 2 / 3 M)

Installation: Ceiling / Pendant

Material: AL6063-T5

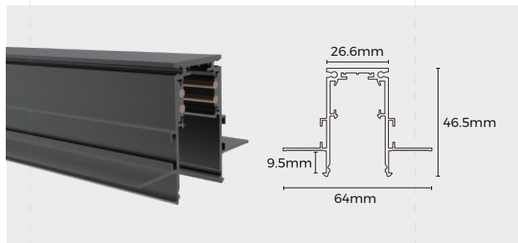
Coating: Black

Size: 27.2×52×1000/2000/3000mm

Rated current: 12A

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

Trimless recessed track



TLS-MR2X0(A) (X: 1 / 2 / 3 M)
9.5mm gypsum board

Installation: Trimless recessed

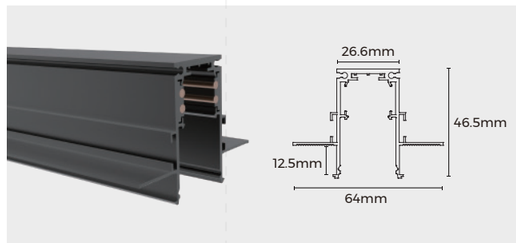
Material: AL6063-T5

Coating: Black

Size: 64×46.5×1000/2000/3000mm

Rated current: 12A

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



TLS-MR2X0(B) (X: 1 / 2 / 3 M)
12.5mm gypsum board

Installation: Trimless recessed

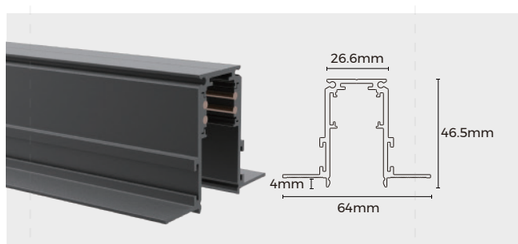
Material: AL6063-T5

Coating: Black

Size: 64×46.5×1000/2000/3000mm

Rated current: 12A

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



TLS-MR2X0(C) (X: 1 / 2 / 3 M)
plastered

Installation: Trimless recessed

Material: AL6063-T5

Coating: Black

Size: 64×46.5×1000/2000/3000mm

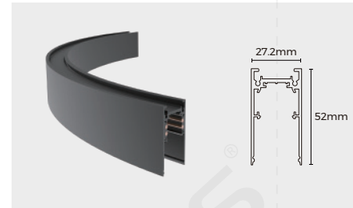
Rated current: 12A

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

Curve track

Easy installation

Ceiling / Pendant track



TLS-MH208A90

Installation: Ceiling / Pendant

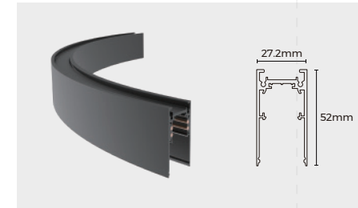
Material: AL6063-T5

Coating: Black

Rated current: 7.5A

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

Size: 27.2×52×Φ800mm, 90°



TLS-MH210A90

Installation: Ceiling / Pendant

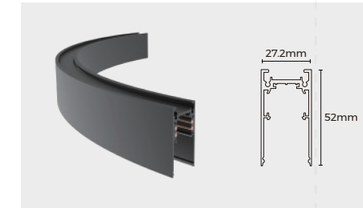
Material: AL6063-T5

Coating: Black

Rated current: 7.5A

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

Size: 27.2×52×Φ1000mm, 90°



TLS-MH212A90

Installation: Ceiling / Pendant

Material: AL6063-T5

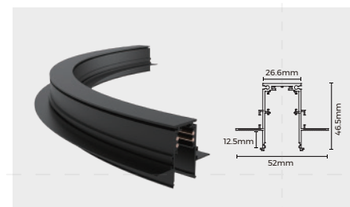
Coating: Black

Rated current: 7.5A

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

Size: 27.2×52×Φ1200mm, 90°

Trimless track (12.5mm gypsum board)



TLS-MR208A90(B)

Installation: Trimless recessed

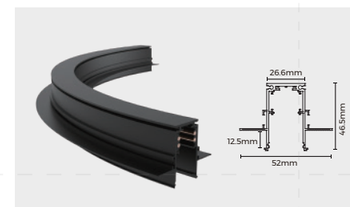
Material: AL6063-T5

Coating: Black

Rated current: 7.5A

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

Size: 52×46.5×Φ800mm, 90°



TLS-MR210A90(B)

Installation: Trimless recessed

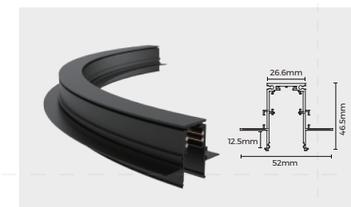
Material: AL6063-T5

Coating: Black

Rated current: 7.5A

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

Size: 52×46.5×Φ1000mm, 90°



TLS-MR212A90(B)

Installation: Trimless recessed

Material: AL6063-T5

Coating: Black

Rated current: 7.5A

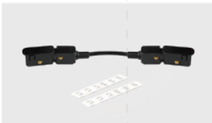
Operating Voltage	Maximum power
24V	180W
48V	360W

Size: 52×46.5×Φ1200mm, 90°

Track accessories

Electrical connection accessory

Power feeder of track
Model: TLS-M261
Size: L147×W19×H17.3mm
Applicable model: All staight track



I-shaped electrical connector (recessed type)
Model: TLS-M265
Size: L70*W11.5*H2.1mm(Splicing bar)
L78×W19×H17mm(Power feeder)
Applicable model: TLS-MR2X0A
TLS-MR2X0B
TLS-MR2X0C

I-shaped electrical connector (Surface)
Model: TLS-M266
Size: L55×W22×H4.3mm(Splicing bar)
L78×W19×H17mm(Power feeder)
Applicable model: TLS-MS2X0
TLS-MH2X0

Electrical connector
Model: TLS-M264
Size: L147×W19×H17.3mm
Applicable model:
All staight track corner

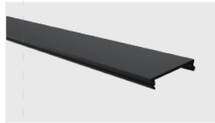
End cap

Model: EC-MH20
Material: Aluminum
Size: L52×W27.2×H5.5mm
Applicable model: TLS-MH2X0

Model: EC-MR20
Material: Aluminum
Size: L46.5×W27.5×H5.5mm
Applicable model: TLS-MR2X0(A)
TLS-MR2X0(B)
TLS-MR2X0(C)

Model: EC-MS20
Material: Aluminum
Size: L27.6×W27.5×H2.5mm
Applicable model: TLS-MS2X0

Intallation accessory



Track bind cover
Model: CV-M20FB
Material: PVC
Size: L1000×W25.7×H5.6mm
Applicable model: All staight track

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

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

Ceiling screw
Model: CL-01
Material: Fe
Size: M3.5×40mm
Applicable model: TLS-MR2X0(A)
TLS-MR2X0(B)
TLS-MR2X0(C)

Power supply

Magnetic power
Model: MT20-HDRV100H48S-M
Size: L248×W22.5×H46mm
Input voltage: 220-240VAC
Output: DC48V
Power: 100W
Applicable model: All staight track

Magnetic power
Model: MT20-HDRV200H48S-M
Size: L305×W22.5×H46mm
Input voltage: 220-240VAC
Output: DC48V
Power: 200W
Applicable model: All staight track

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

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

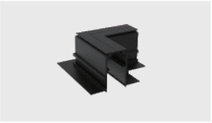
Corner accessory

L-shaped (Downward)
Model: L90-MR20(A)
Material: AL6063-T5
Size: L95×W95×H46.5mm
Applicable model: TLS-MR2X0(A)

L-shaped (Inward)
Model: L90N-MR20(A)
Material: AL6063-T5
Size: L80×W80×H64mm
Applicable model: TLS-MR2X0(A)

L-shaped (Downward)
Model: L90-MR20(B)
Material: AL6063-T5
Size: L95×W95×H46.5mm
Applicable model: TLS-MR2X0(B)

L-shaped (Inward)
Model: L90N-MR20(B)
Material: AL6063-T5
Size: L80×W80×H64mm
Applicable model: TLS-MR2X0(B)



L-shaped (Downward)
Model: L90-MR20(C)
Material: AL6063-T5
Size: L95×W95×H46.5mm
Applicable model: TLS-MR2X0(C)

L-shaped (Inward)
Model: L90N-MR20(C)
Material: AL6063-T5
Size: L80×W80×H64mm
Applicable model: TLS-MR2X0(C)

L-shaped (Downward)
Model: L90-MS20
Material: AL6063-T5
Size: L50×W50×H27.3mm
Applicable model: TLS-MS2X0

L-shaped (Inward)
Model: L90N-MS20
Material: AL6063-T5
Size: L50×W50×H27.3mm
Applicable model: TLS-MS2X0

L-shaped (Downward)
Model: L90-MH20
Material: AL6063-T5
Size: L50×W50×H52mm
Applicable model: TLS-MH2X0

L-shaped (Inward)
Model: L90N-MH20
Material: AL6063-T5
Size: L80×W80×H27.2mm
Applicable model: TLS-MH2X0

L-shaped Adjustable (Downward)
Model: L90-MH20(A)
Material: AL6063-T5
Size: L120×W27.2×H52mm
Applicable model: TLS-MH2X0

T-shaped Adjustable (Downward)
Model: T90-MH20(A)
Material: AL6063-T5
Size: L120×W60×H52mm
Applicable model: TLS-MH2X0

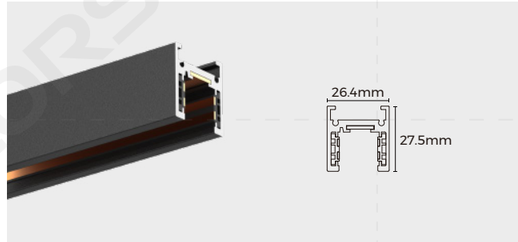
X-shaped Adjustable (Downward)
Model: X90-MH20(A)
Material: AL6063-T5
Size: L120×W120×H52mm
Applicable model: TLS-MH2X0

CASAMBI Control
Model: 1200EN1812-CAS-W0-BLDAV48
Size :142.6*18*58.1mm
Input voltage :48VDC
Output signal:DALI
Output DALI Max.current:180mA
Control devices:≤64
Control groups:≤8
Certification:CE,UKCA
Others:Controller should be used with DALI dimming modules.

Systematic lighting, Effortless assembly

ECO Straight Track

Ceiling / Pendant track

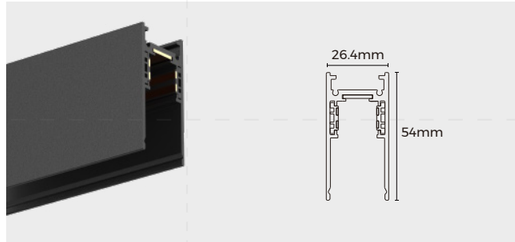


TLS-ECO-MS2X0 (X: 1 / 2 / 3 M)

Installation: Ceiling / Pendant
Material: AL6063-T5
Coating: Black
Size: 26.4×27.5×1000/2000/3000mm

Rated current: 7.5A

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



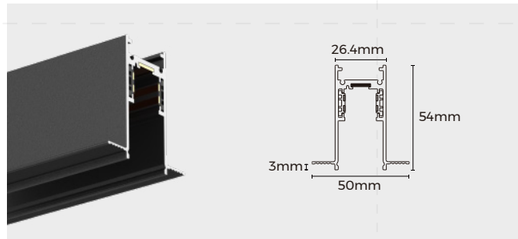
TLS-ECO-MH2X0 (X: 1 / 2 / 3 M)

Installation: Ceiling / Pendant
Material: AL6063-T5
Coating: Black
Size: 26.4×54×1000/2000/3000mm

Rated current: 7.5A

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

Trimless recessed track

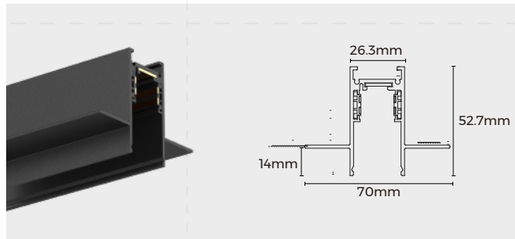


TLS-ECO-MR2X0 (X: 1 / 2 / 3 M)
3mm gypsum board

Installation: Trimless recessed
Material: AL6063-T5
Coating: Black
Size: 50×54×1000/2000/3000mm
Opening Size: 30×1000/2000/3000mm

Rated current: 7.5A

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



TLS-ECO-MR2X0(A) (X: 1 / 2 / 3 M)
12.5mm gypsum board

Installation: Trimless recessed
Material: AL6063-T5
Coating: Black
Size: 70×52.7×1000/2000/3000mm
Opening Size: 30×1000/2000/3000mm

Rated current: 7.5A

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

Track accessories

Electrical connection accessory

L-shaped (Downward)

Model: L90-ECO-MH20
Material: PC
Size: L99.5×W99.5×H46mm
Applicable model: TLS-ECO-MH2X0
TLS-ECO-MR2X0
TLS-ECO-MR2X0(A)

L-shaped (Downward)

Model: L90-ECO-MS20
Material: PC
Size: L99.5×W99.5×H21mm
Applicable model: TLS-ECO-MS2X0

L-shaped (Downward)

Model: TLS-ECO-M281
Material: PC
Size: L143×W16.2×H17mm
Applicable model: TLS-ECO-MH2X0
TLS-ECO-MR2X0
TLS-ECO-MR2X0(A)
TLS-ECO-MS2X0

ECO End cap

Model: **EC**-ECO-MH20
Material: PC
Size: L52×W26×H6.3mm
Applicable model: TLS-ECO-MH2X0
TLS-ECO-MR2X0
TLS-ECO-MR2X0(A)

Model: EC-ECO-MS20
Material: PC
Size: L26.5×W21.2×H6.8mm
Applicable model: TLS-ECO-MS2X0

Intallation accessory

Pendant accessory

Model: TLS-ECO-M280
Material: AL6063-T5
Size: L33×W22.6×H2000mm
Applicable model: TLS-ECO-MS2X0
TLS-ECO-MH2X0

Case