



## MicroTrack 11 <sup>NEW</sup>

MicroTrack 11 is a low-voltage track system with an ultra-thin 10.2mm and ultra-slim 19mm design. It is compatible with 48V and 24V. Thanks to the 4-wire design, the modules are dimmable and can be precisely controlled. The system provides spotlight modules, linear modules, and decorative modules; it can be widely used in residential, hotel, exhibition, etc.

# Easy installation

Adjustable grille modules

Spotlights

Linear-grille Modules



DIY combination of modules

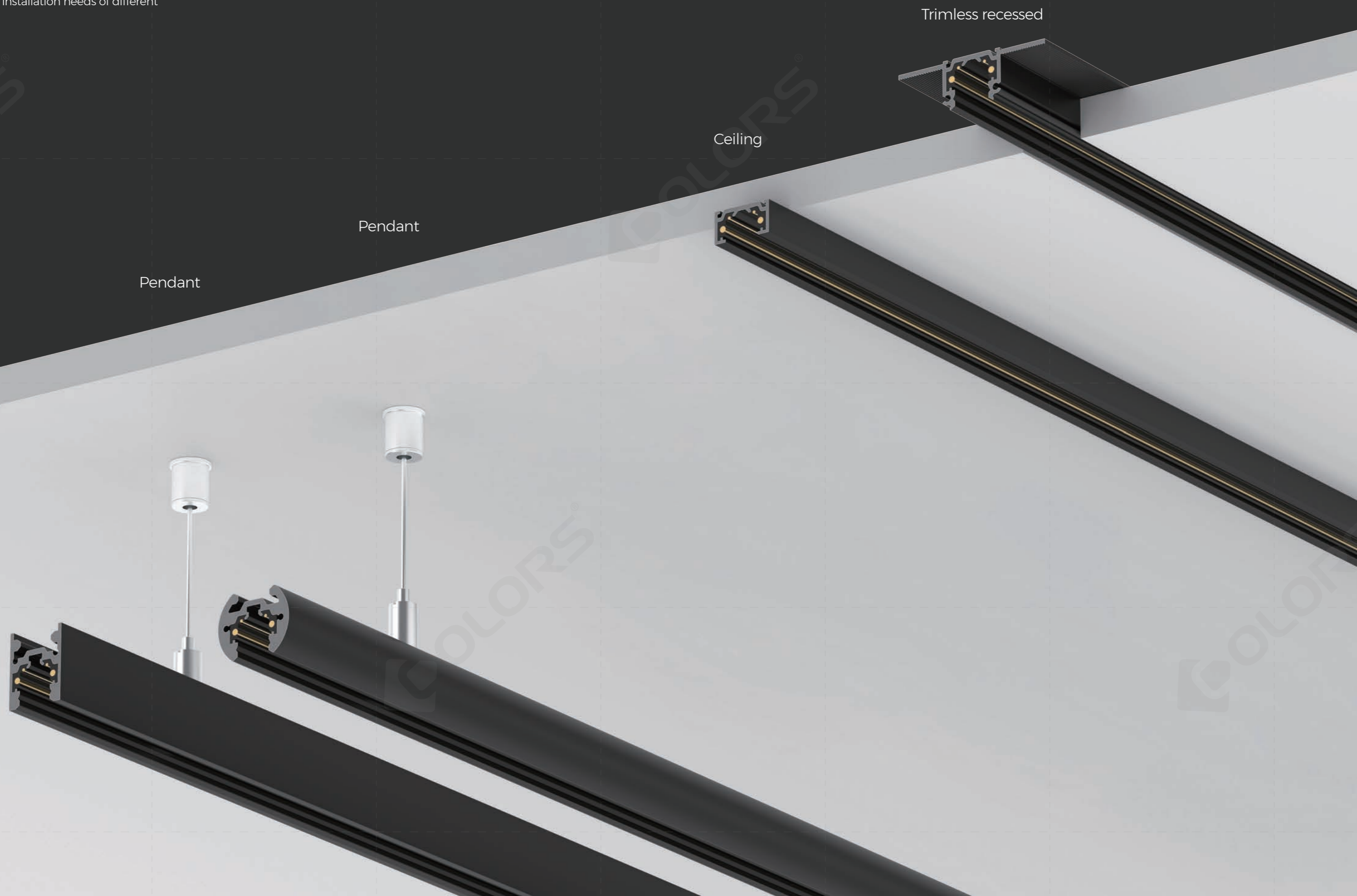


Safety buckle design



# Type of track

The MicroTrack 11 system provides 4 type of tracks,meeting the installation needs of different walls and ceilings.



## 10.2mm Ultra-thin Almost invisible

The slim exterior has a sophisticated structure, simple design, exquisite craftsmanship, and make the interior space more elegant



## Straight to Curve

The straight tracks and curve tracks can be freely combined, achieving infinite possibilities.



## Variety of designs

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



## Easy to change colors

The shell of the lamp body is removable, so it is easy to change colors.



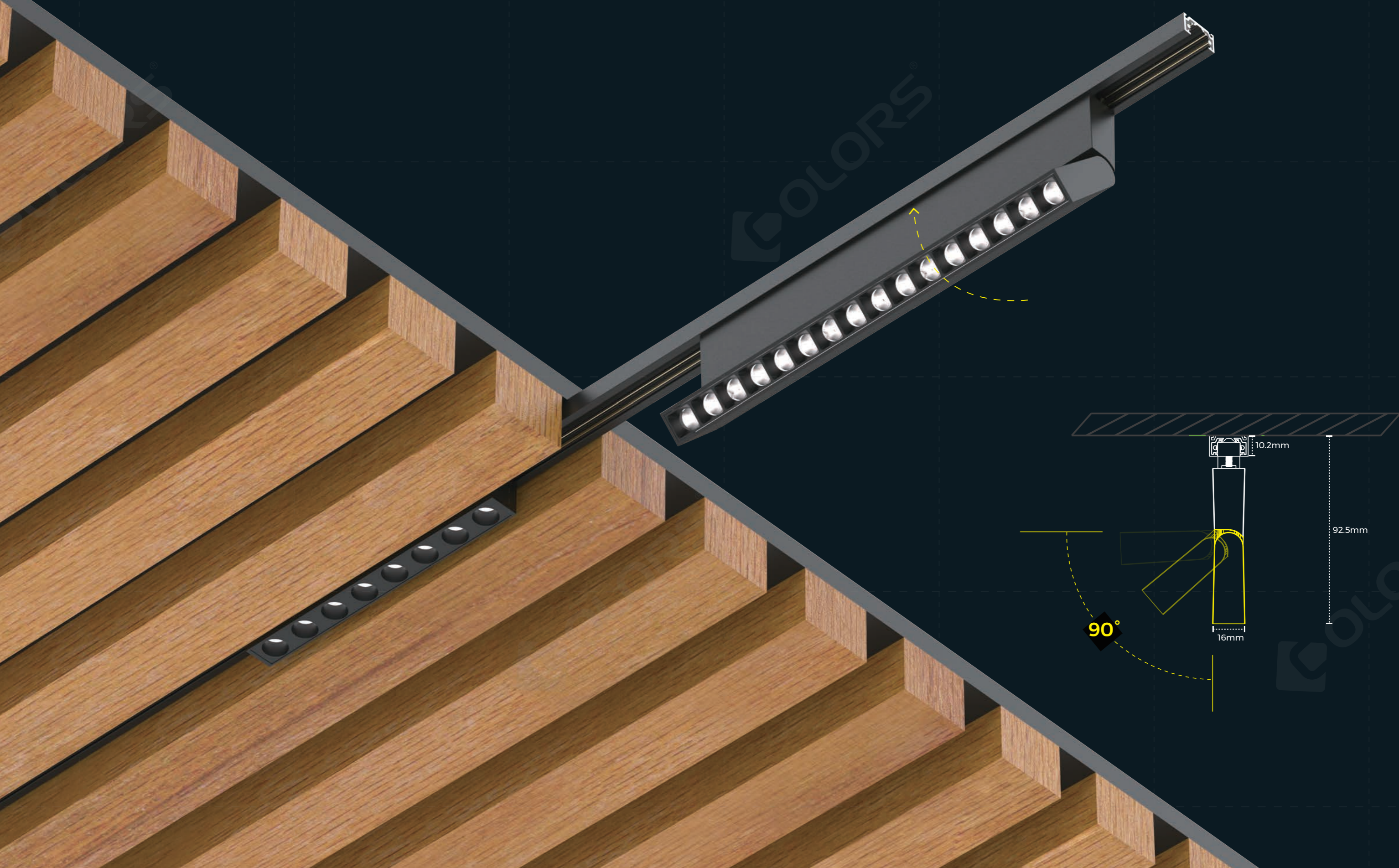
## Precise light control

The zooming spotlight module is compact in size and it has a wide range of beam angles from 10° to 45°.



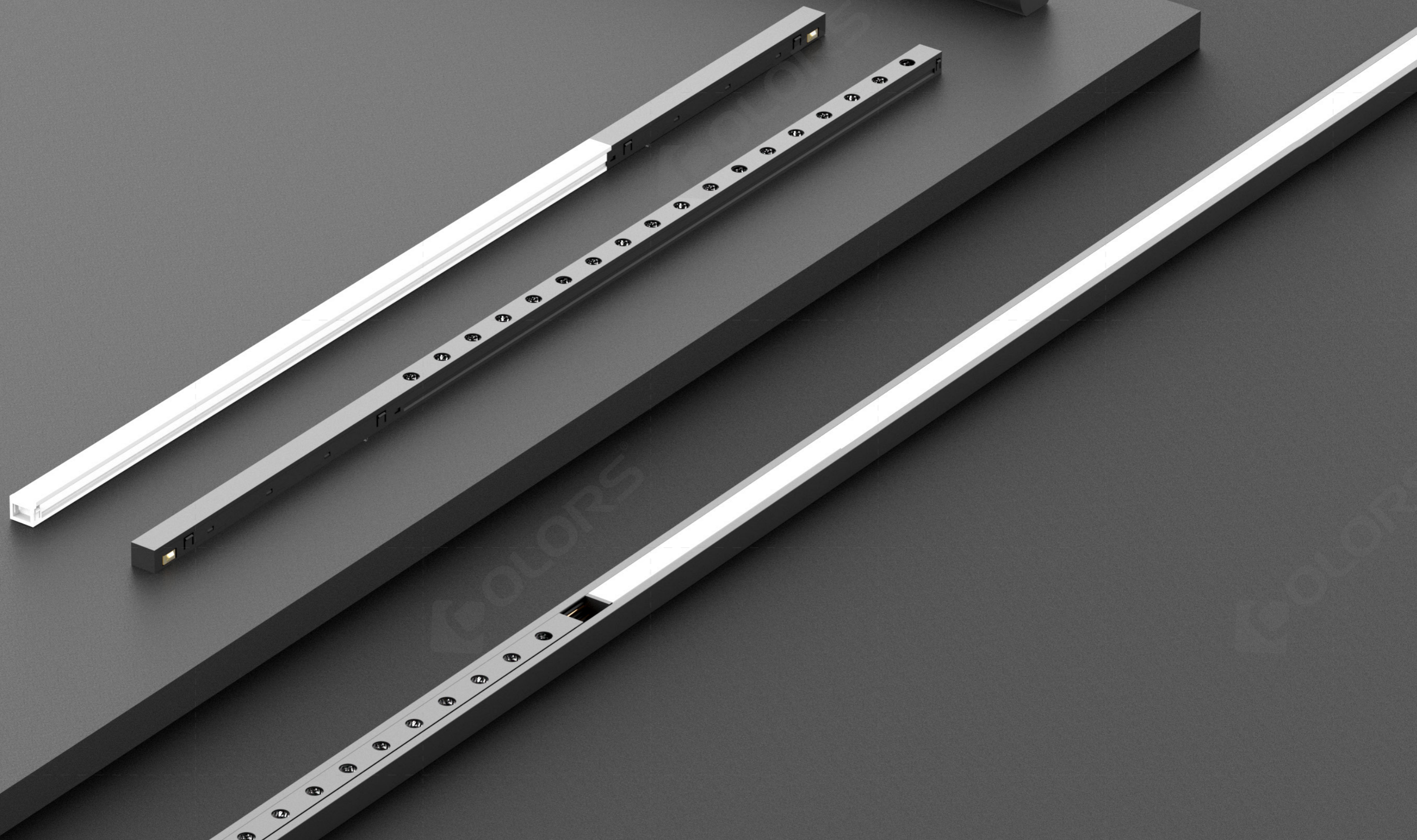
# Adjustable angle grille modules

Each light can be precisely controlled by adjusting the angle from 0 to 90 degrees.



# Built-in linear modules

The built-in linear modules can be totally hidden into the narrow track, achieving an extremely exquisite appearance









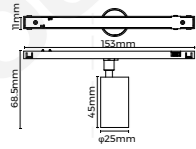


# Product Parameters

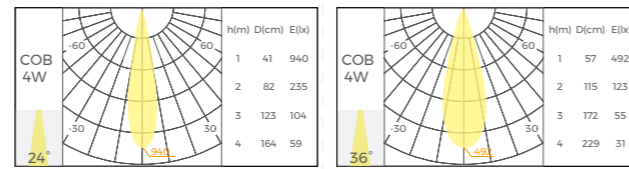
Model	Module	Model	Size	Light source SDCM	Power	CCT	Beam angle	Light efficiency (LM / W)3000K	Luminous flux (LM)3000K	CRI	UGR	
TLS-MT11	Spotlight	MT11S-25	Φ25*45mm	<3 Step	4W	2700K/3000K/4000K	24°	46	191	>90	16	
							36°	49	206		25	
		Zoom Spotlight	MT11S-32		Φ32*65mm	6W	2700K/3000K/4000K	18°	64		385	13
								24°	67		400	13
								36°	65		390	19
			MT11S-42		Φ42*80mm	10W	2700K/3000K/4000K	50°	62		370	25
	15°							77	732		16	
	24°							74	709		16	
	Sunset light	MT11SZ-32	Φ32*65mm		4W	2700K/3000K/4000K	12°-45°	36°	79		749	19
								50°	78		743	22
	Waterdrop light	MT11SZ-42	Φ42*80mm		6W	2700K/3000K/4000K	10°-45°	12°-45°	12		52	19
								42	175		19	
	Pendant light	MT11SS-55	Φ55*15.2mm		3W	1500K	/	13	72		19	
								51	288		19	
	Diffuser	MT11IW-40	Φ40*100mm		3W	2700K/3000K/4000K	110°	49	167		/	
								78	254		/	
								24° (反光杯)	61		303	/
	Grating	MT11I-30	Φ30*300mm		5W	2700K/3000K/4000K	/	36° (反光杯)	57		283	/
								110°	32		165	/
		MT11FD-150	152mm		5W	2700K/3000K/4000K	110°	110°	31		291	/
12W				2700K/3000K/4000K				/	/	/		
10W				2700K/3000K/4000K				30°	63	332	13	
MT11G-300	300mm	10W	2700K/3000K/4000K	30°	69	734	10					
					12W	2700K/3000K/4000K	/	/	/			
MT11G(A)-110	110mm	7W	3000K/4000K	30°	70	563	16					
MT11G(A)-220	220mm	14W	3000K/4000K	30°	66	1063	13					
Square recessed neon	MT11K-11	1000mm	5W	2700K/3000K/4000K	/	/	/	/				
Round neon	MT11K-13-1000	1000mm	8W	2700K/3000K/4000K	360°	50	378	/				
						18W	2700K/3000K/4000K	360°	50	900	/	
LOGO Spotlight	MT11SL-23	Φ23*76mm	>5 Step	3W	3000K/4000K	18°-35°	11	38	>95	10		

## MT11S-25

Φ25mm spotlight



### Optical Parameter - White Light



### Dimming Method



### Basic Parameters

Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	φ25*45mm
Adjustable angle	Vertical 90° / horizontal 350°

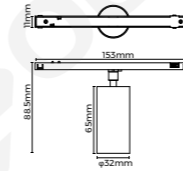
### Luminaire Parameters

Light source	COB
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	≤16(24°), ≤23(36°)
Power(W)	4
Beam angle	24° / 36°
Light efficiency*(LM/W)	46 / 50
Luminous flux*(LM)	185 / 200
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

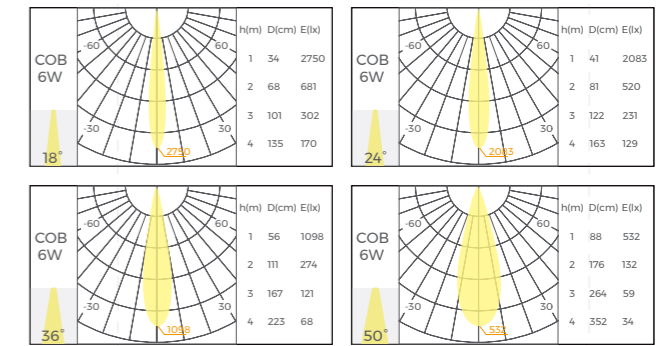
\* Light efficiency & Luminous flux parameters based on 3000K Light source  
 2700K Light efficiency & Luminous flux=3000K\*0.96  
 4000K Light efficiency & Luminous flux=3000K\*1.06

## MT11S-32

Φ32mm spotlight



### Optical Parameter - White Light



### Dimming Method



### Basic Parameters

Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	φ32*65mm
Adjustable angle	Vertical 90° / horizontal 350°

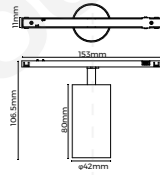
### Luminaire Parameters

Light source	COB
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	≤13(18°/24°), ≤19(36°), ≤23(50°)
Power(W)	6
Beam angle	18° / 24° / 36° / 50°
Light efficiency*(LM/W)	64 / 67 / 65 / 62
Luminous flux*(LM)	385 / 400 / 390 / 370
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

\* Light efficiency & Luminous flux parameters based on 3000K Light source  
 2700K Light efficiency & Luminous flux=3000K\*0.96  
 4000K Light efficiency & Luminous flux=3000K\*1.06

## MT11S-42

Φ42mm spotlight



### Dimming Method



### Basic Parameters

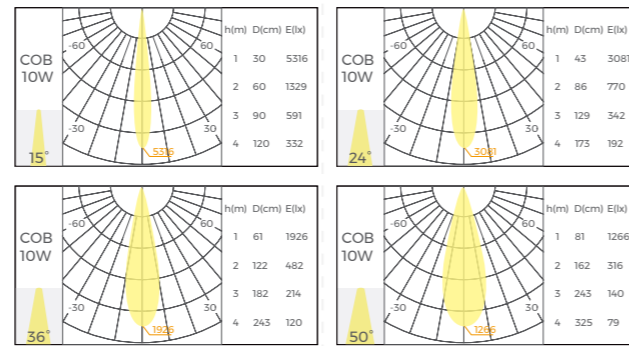
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	φ42*80mm
Adjustable angle	Vertical 90° / horizontal 350°

### Luminaire Parameters

Light source	COB
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	≤16(15°/24°), ≤19(36°), ≤23(50°)
Power(W)	10
Beam angle	15° / 24° / 36° / 50°
Light efficiency*(LM/W)	75 / 73 / 75 / 75
Luminous flux*(LM)	750 / 730 / 750 / 750
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

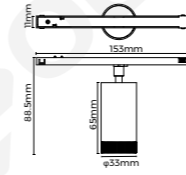
\* Light efficiency & Luminous flux parameters based on 3000K Light source  
2700K Light efficiency & Luminous flux=3000K\*0.96  
4000K Light efficiency & Luminous flux=3000K\*1.06

### Optical Parameter - White Light



## MT11SZ-32

Φ32mm zoom spotlight



### Dimming Method



### Basic Parameters

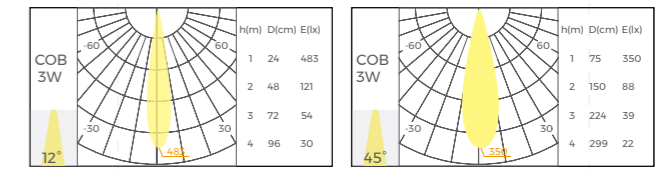
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	φ32*65mm
Adjustable angle	Vertical 90° / horizontal 350°

### Luminaire Parameters

Light source	COB
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	≤19
Power(W)	4
Beam angle	12°-45°
Light efficiency*(LM/W)	42
Luminous flux*(LM)	170
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

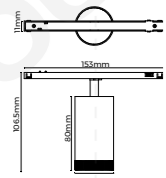
\* Light efficiency & Luminous flux parameters based on 3000K Light source  
2700K Light efficiency & Luminous flux=3000K\*0.96  
4000K Light efficiency & Luminous flux=3000K\*1.06

### Optical Parameter - White Light



## MT11SZ-42

Φ42mm zoom spotlight



### Dimming Method



### Basic Parameters

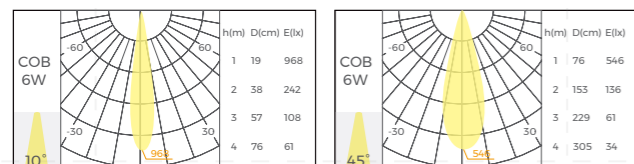
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	Φ42*80mm
Adjustable angle	Vertical 90° / horizontal 350°

### Luminaire Parameters

Light source	COB
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	≤19
Power(W)	6
Beam angle	10°-45°
Light efficiency*(LM/W)	50
Luminous flux*(LM)	300
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

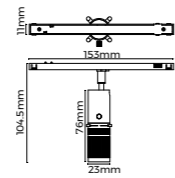
\* Light efficiency & Luminous flux parameters based on 3000K Light source  
2700K Light efficiency & Luminous flux=3000K\*0.96  
4000K Light efficiency & Luminous flux=3000K\*1.06

### Optical Parameter - White Light



## MT11SL-23

Φ23mm logo spotlight



### Dimming Method



### Basic Parameters

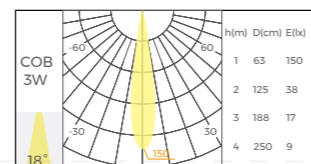
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	Φ23*76mm
Adjustable angle	Vertical 90° / horizontal 350°

### Luminaire Parameters

Light source	COB
Light source SDCM	>5 Step
Input voltage	24-48VDC
CRI	Ra >95
CCT	3000K / 4000K
UGR (X=4H,Y=8H)	≤10
Power(W)	3
Beam angle	18°-35°
Light efficiency*(LM/W)	13
Luminous flux*(LM)	40
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

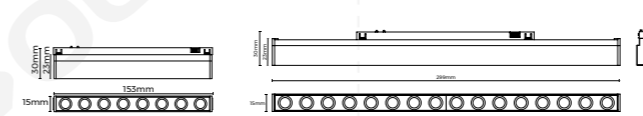
\* Light efficiency & Luminous flux parameters based on 3000K Light source  
4000K Light efficiency & Luminous flux=3000K\*1.06

### Optical Parameter - White Light



## MT11G

Grating



### Dimming Method



### Basic Parameters

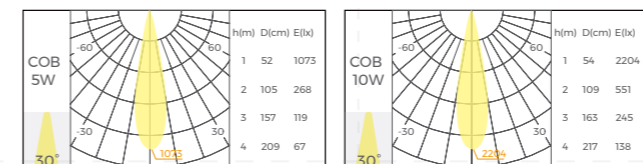
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	150*15*30mm / 300*15*30mm
Adjustable angle	NO

### Luminaire Parameters

Light source	SMD
Light source SDCM	<3 Step
Input voltage	48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	≤13, ≤10
Power(W)	5, 10
Beam angle	30°, 30°
Light efficiency*(LM/W)	65, 65
Luminous flux*(LM)	325, 650
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

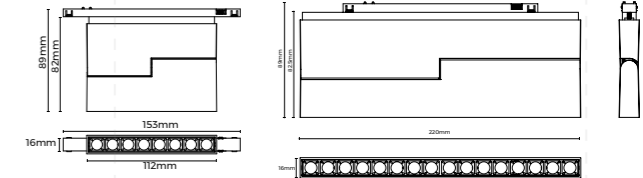
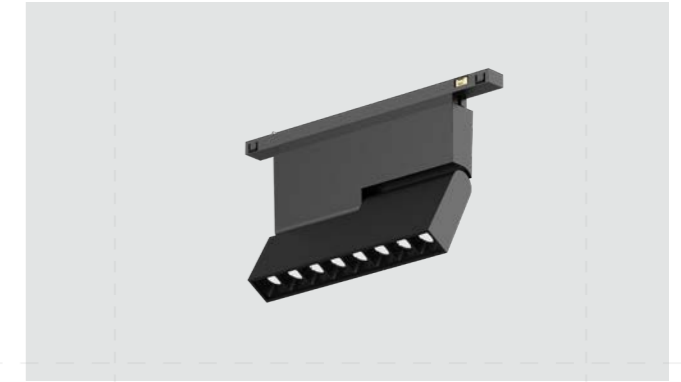
\* Light efficiency & Luminous flux parameters based on 3000K Light source  
2700K Light efficiency & Luminous flux=3000K\*0.96  
4000K Light efficiency & Luminous flux=3000K\*1.06

### Optical Parameter - White Light



## MT11G(A)

Grating



### Dimming Method



### Basic Parameters

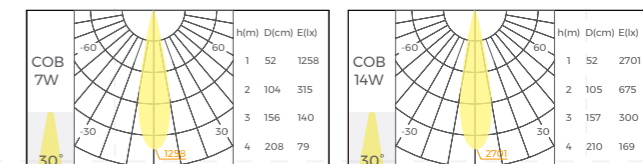
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	112*16*89mm / 220*16*89mm
Adjustable angle	Vertical 90°

### Luminaire Parameters

Light source	SMD
Light source SDCM	<3 Step
Input voltage	48VDC
CRI	Ra >90
CCT	3000K / 4000K
UGR (X=4H,Y=8H)	≤16, ≤13
Power(W)	7, 14
Beam angle	30°, 30°
Light efficiency*(LM/W)	65, 65
Luminous flux*(LM)	455, 910
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

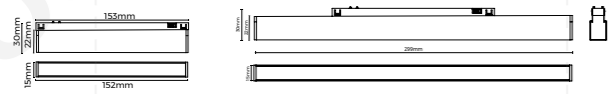
\* Light efficiency & Luminous flux parameters based on 3000K Light source  
4000K Light efficiency & Luminous flux=3000K\*1.06

### Optical Parameter - White Light



## MT11FD

Diffuser



### Dimming Method



### Basic Parameters

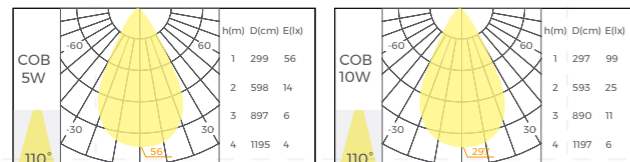
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	White
Size	152*15*30mm / 299*15*30mm
Adjustable angle	NO

### Luminaire Parameters

Light source	SMD
Light source SDCM	<3 Step
Input voltage	48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	NO
Power(W)	5, 10
Beam angle	110°, 110°
Light efficiency*(LM/W)	30, 31
Luminous flux*(LM)	155, 310
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

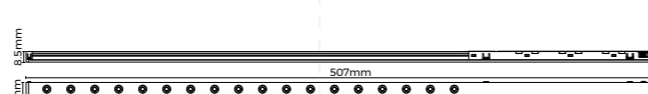
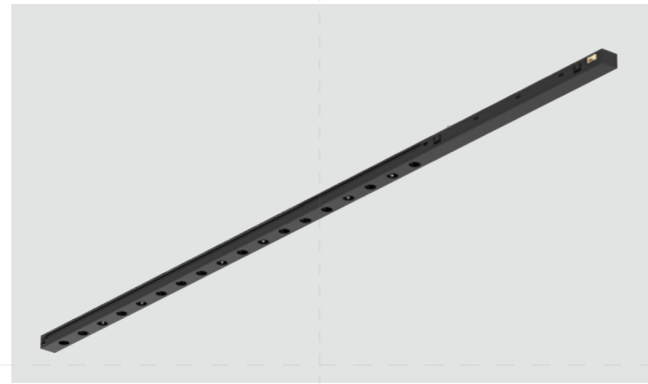
\* Light efficiency & Luminous flux parameters based on 3000K Light source  
2700K Light efficiency & Luminous flux=3000K\*0.96  
4000K Light efficiency & Luminous flux=3000K\*1.06

### Optical Parameter - White Light



## MT11D

Grating



### Dimming Method



### Basic Parameters

Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Black
Size	507*11*8.5mm
Adjustable angle	NO

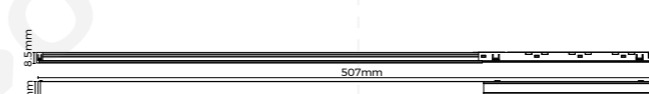
### Luminaire Parameters

Light source	SMD
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	NO
Power(W)	12
Beam angle	30° / 55°
Light efficiency*(LM/W)	/
Luminous flux*(LM)	/
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

\* Light efficiency & Luminous flux parameters based on 3000K Light source

## MT11DD

Diffuser



### Dimming Method



### Basic Parameters

Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Black
Size	507*11*8.5mm
Adjustable angle	NO

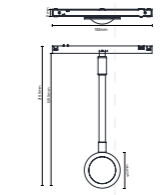
### Luminaire Parameters

Light source	SMD
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	NO
Power(W)	12
Beam angle	100°
Light efficiency*(LM/W)	/
Luminous flux*(LM)	/
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

\* Light efficiency & Luminous flux parameters based on 3000K Light source

## MT11SS-55

Sunset light



### Dimming Method



### Basic Parameters

Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	NO
Size	Φ55*115.5mm
Adjustable angle	Vertical 90°

### Luminaire Parameters

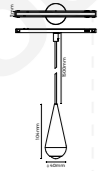
Light source	COB
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	1500K
UGR (X=4H,Y=8H)	NO
Power(W)	3
Beam angle	NO
Light efficiency*(LM/W)	50
Luminous flux*(LM)	150
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

\* Light efficiency & Luminous flux parameters based on 1500K Light source



## MT11W-40

Waterdrop light



### Dimming Method



### Basic Parameters

Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	Φ40*100mm
Adjustable angle	NO

### Luminaire Parameters

Light source	COB
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	NO
Power(W)	3
Beam angle	NO
Light efficiency*(LM/W)	78
Luminous flux*(LM)	235
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

\* Light efficiency & Luminous flux parameters based on 3000K Light source  
2700K Light efficiency & Luminous flux=3000K\*0.96  
4000K Light efficiency & Luminous flux=3000K\*1.06

## MT11-30

Pendant light



### Dimming Method



### Basic Parameters

Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	Φ30*300mm
Adjustable angle	NO

### Luminaire Parameters

Light source	COB
Light source SDCM	<3 Step
Input voltage	24-48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	NO
Power(W)	5
Beam angle	24° / 36°
Light efficiency*(LM/W)	58
Luminous flux*(LM)	290
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

\* Light efficiency & Luminous flux parameters based on 3000K Light source  
2700K Light efficiency & Luminous flux=3000K\*0.96  
4000K Light efficiency & Luminous flux=3000K\*1.06

## MT11NK-13

Round neon



### Dimming Method



### Basic Parameters

Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte White
Size	Φ13*1000mm / Φ13*2500mm
Adjustable angle	NO

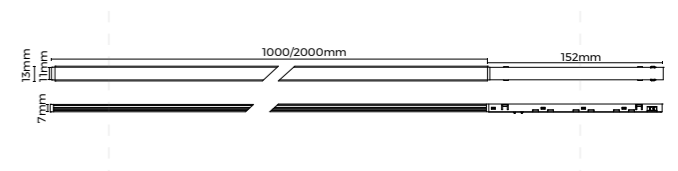
### Luminaire Parameters

Light source	SMD
Light source SDCM	<5 Step
Input voltage	24 / 48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	NO
Power(W)	8 / 18
Beam angle	360° , 360°
Light efficiency*(LM/W)	50 , 50
Luminous flux*(LM)	400 , 900
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

\* Light efficiency & Luminous flux parameters based on 3000K Light source  
2700K Light efficiency & Luminous flux=3000K\*0.96  
4000K Light efficiency & Luminous flux=3000K\*1.06

## MT11NK-11

Square recessed neon



### Dimming Method



### Basic Parameters

Material	AL6063
Coating	Spraying
colors	Matte White
Reflector colors	Matte White
Size	Φ11*5*1000mm / Φ11*5*2000mm
Adjustable angle	NO

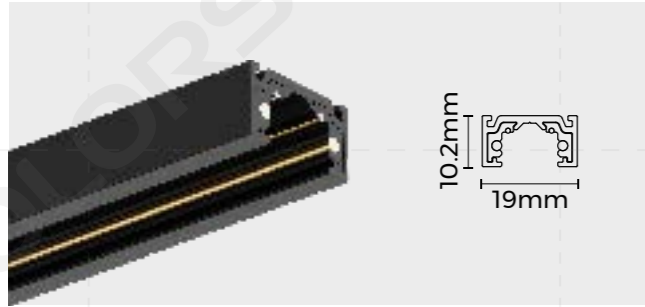
### Luminaire Parameters

Light source	SMD
Light source SDCM	<5 Step
Input voltage	24 / 48VDC
CRI	Ra >90
CCT	2700K / 3000K / 4000K
UGR (X=4H,Y=8H)	NO
Power(W)	5 , 10
Beam angle	110° , 110°
Light efficiency*(LM/W)	/
Luminous flux*(LM)	/
IP	IP20
Warranty	5 years
Certification	CE / UKCA / Rohs / Reach

# Track

## Straight Track

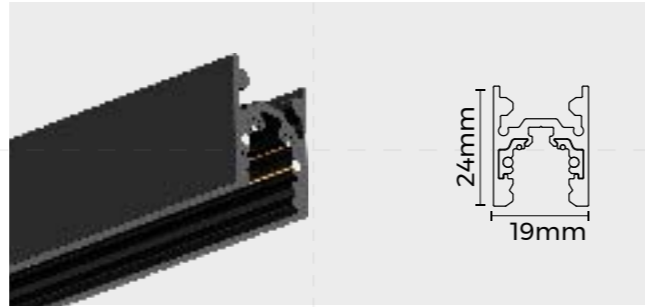
Ceiling



TLS-MT11-SX0 (x:1/2/3 M)

Installation: Ceiling  
 Material: Aluminum  
 Coating: Black  
 Size: 19×10.2×1000/2000/3000mm  
 Rated current: 10A  
 Maximum load: 480W  
 Input voltage: DC24-48V

Pendant track

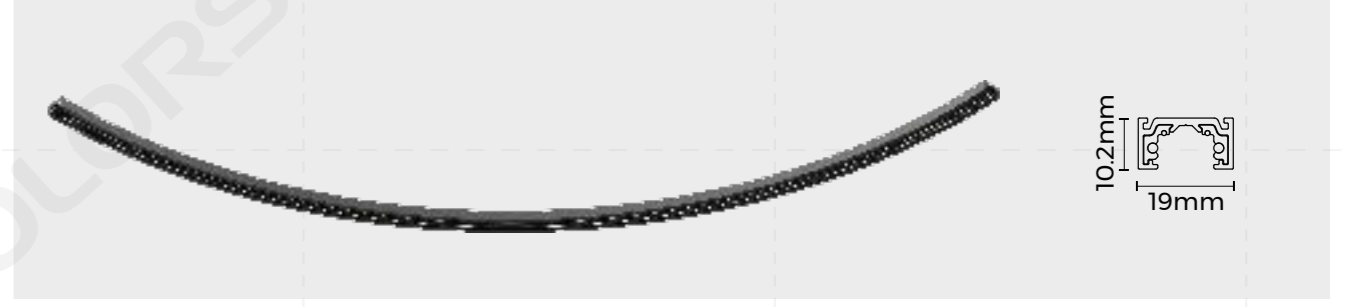


TLS-MT11-HX0 (x:1/2/3 M)

Installation: Pendant  
 Material: Aluminum  
 Coating: Black  
 Size: 19×24×1000/2000/3000mm  
 Rated current: 10A  
 Maximum load: 480W  
 Input voltage: DC24-48V

## Curve Track

Ceiling



TLS-MS111090

Installation: Ceiling  
 Material: Aluminum  
 Coating: Black  
 Size: 19×10.5×φ1000mm, 90°  
 Rated current: 10A  
 Maximum load: 480W  
 Input voltage: DC24-48V

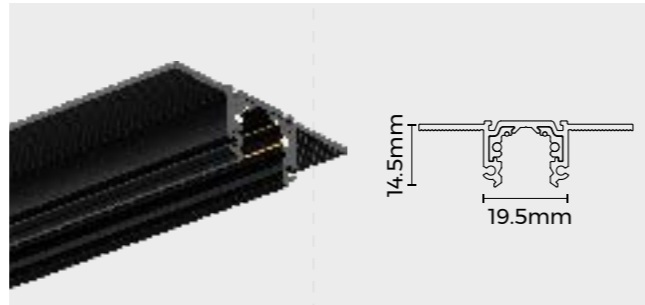
Pendant track



TLS-MT11-SRX0 (x:1/2/3 M)

Installation: Pendant  
 Material: Aluminum  
 Coating: Black  
 Size: Ø25.5×21×1000/2000/3000mm  
 Rated current: 10A  
 Maximum load: 480W  
 Input voltage: DC24-48V

Trimless track



TLS-MT11-RX0 (x:1/2/3 M)  
 13mm gypsum board

Installation: Trimless recessed  
 Material: Aluminum  
 Coating: Black  
 Size: 19.5×14.5×1000/2000/3000mm  
 Rated current: 10A  
 Maximum load: 480W  
 Input voltage: DC24-48V

# Accessories

## Electrical connection accessory



**Rail energization box**  
Model: TLS-MT1101  
Size: L117×W11×H12mm  
Applicable model: All straight track



**Horizontal corner power-on connectors**  
Model: TLS-MT1102  
Size: L87.5×W87.5×H7mm  
Applicable model: All straight track

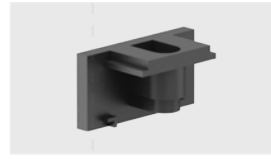


**Flexible energized connectors**  
Model: TLS-MT1103  
Size: L240×W11×H7mm  
Applicable model: All straight track



**Rail energized connectors**  
Model: TLS-MT1104  
Size: L113.5×W11×H7mm  
Applicable model: ALL straight track

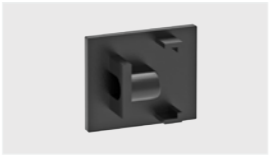
## End cap



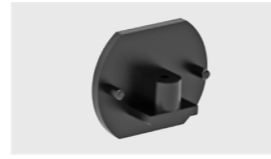
Model: TLS-MT11-S-EC  
Material: PC  
Size: L19×W10×H6mm  
Applicable model: TLS-MT11-SX0  
TLS-MS111090



Model: TLS-MT11-R-EC  
Material: PC  
Size: L19.5×W15×H9mm  
Applicable model: TLS-MT11-RX0

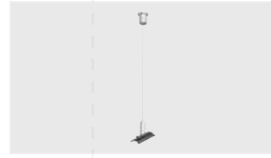


Model: TLS-MT11-H-EC  
Material: PC  
Size: L23×W19.5×H9mm  
Applicable model: TLS-MT11-HX0



Model: TLS-MT11-SR-EC  
Material: PC  
Size: Ø25.5×H9mm  
Applicable model: TLS-MT11-SRX0

## Installation accessory



**Pendant accessory**  
Model: TLS-MT1105  
Material: /  
Size: L19×W10×H6mm  
Applicable model: TLS-MT11-SRX0  
TLS-MT11-HX0



**Ceiling screw**  
Model: TLS-MT1106  
Material: Aluminum  
Size: L40×W16×H6mm  
Applicable model: TLS-MT11-SRX0  
TLS-MT11-HX0

## Power supply



**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-V48-150P  
Size: L350×W30×H18mm  
Input voltage: 220-240VAC  
Output: DC48V  
Power: 150W  
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

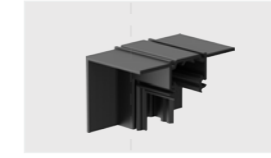
## Corner accessory



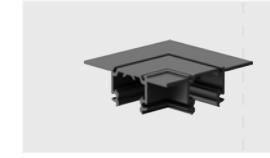
**L-shaped (Inward)**  
Model: MT11-L90N-MS11  
Material: Aluminum  
Size: L25×W25×H10mm  
Applicable model: TLS-MT11-SX0



**L-shaped (Downward)**  
Model: MT11-L90-MS11  
Material: Aluminum  
Size: L29.5×W29.5×H10.5mm  
Applicable model: TLS-MT11-SX0



**L-shaped (Inward)**  
Model: MT11-L90N-MR11  
Material: Aluminum  
Size: L30.5×W30.5×H49mm  
Applicable model: TLS-MT11-RX0



**L-shaped (Downward)**  
Model: MT11-L90-MR11  
Material: Aluminum  
Size: L44.5×W44.5×H15.5mm  
Applicable model: TLS-MT11-RX0



**L-shaped (Inward)**  
Model: MT11-L90N-MH11  
Material: Aluminum  
Size: L39.5×W39.5×H19mm  
Applicable model: TLS-MT11-HX0



**L-shaped (Downward)**  
Model: MT11-L90-MH11  
Material: Aluminum  
Size: L29.5×W29.5×H24mm  
Applicable model: TLS-MT11-HX0



**L-shaped (Downward)**  
Model: MT11-L90-MSR11  
Material: Aluminum  
Size: L33×W33×H21mm  
Applicable model: TLS-MT11-SRX0