



MicroTrack 11 ^{NEW}

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



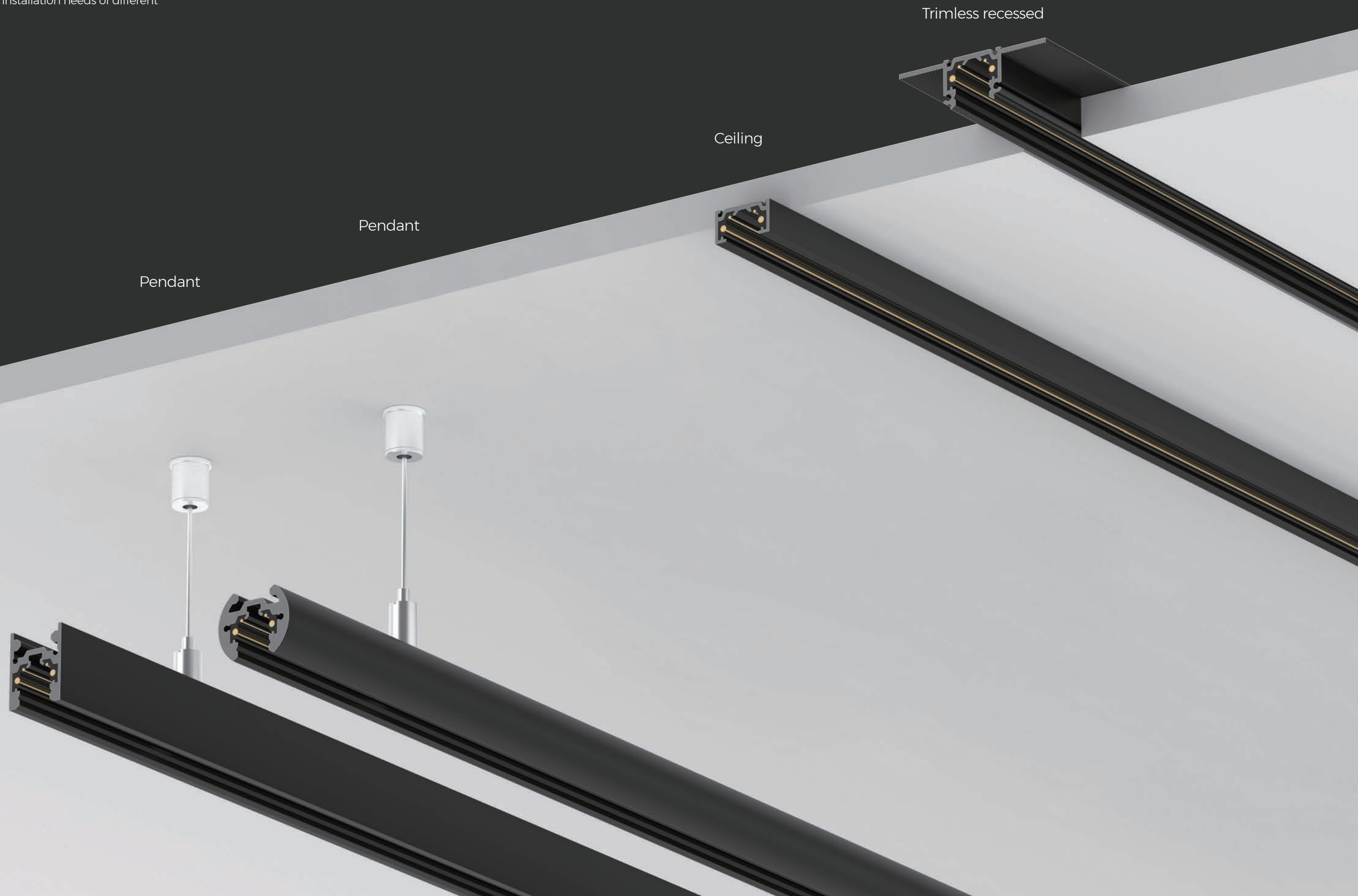
DIY combination of modules

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 straights 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.



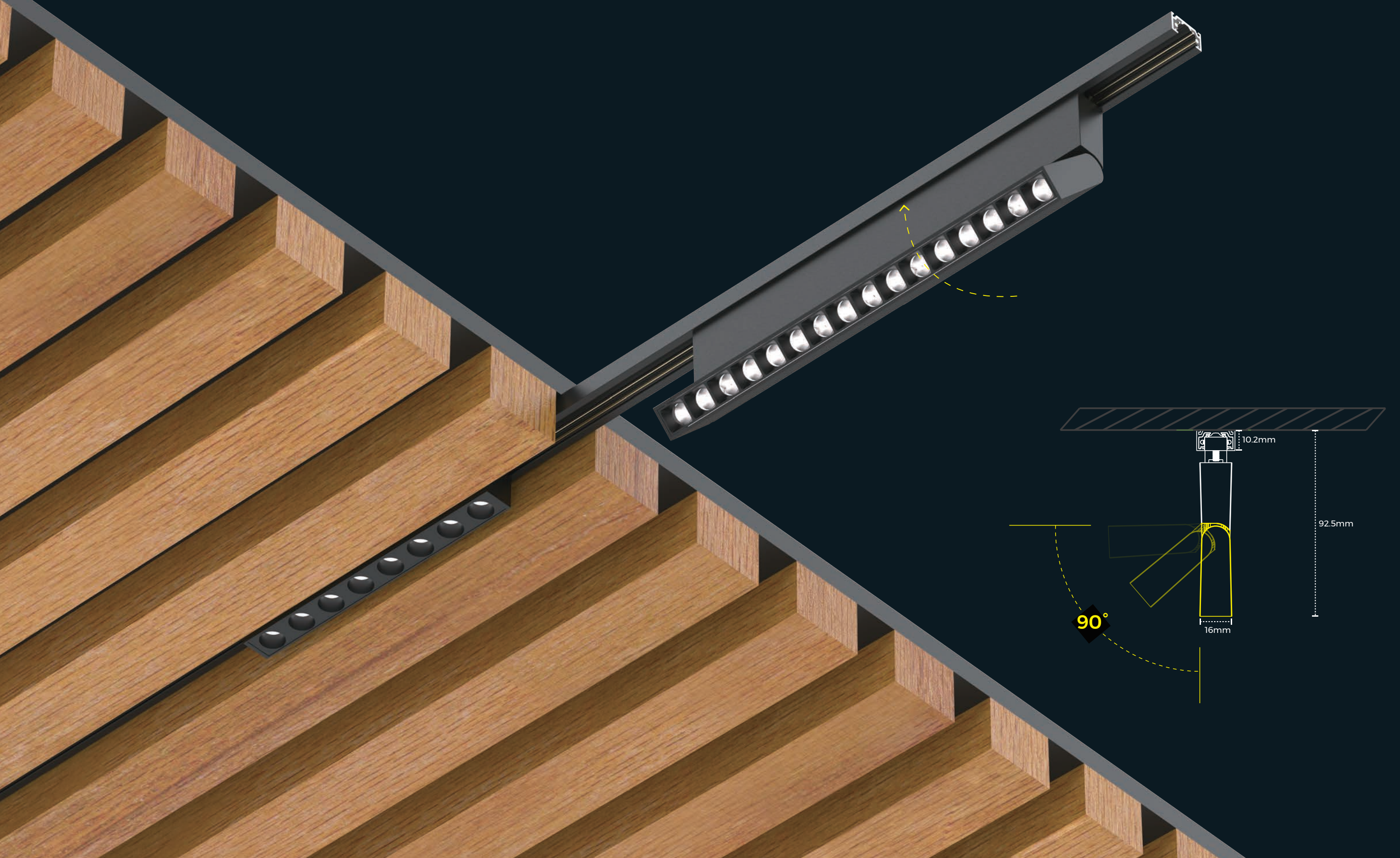
Precise light control

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



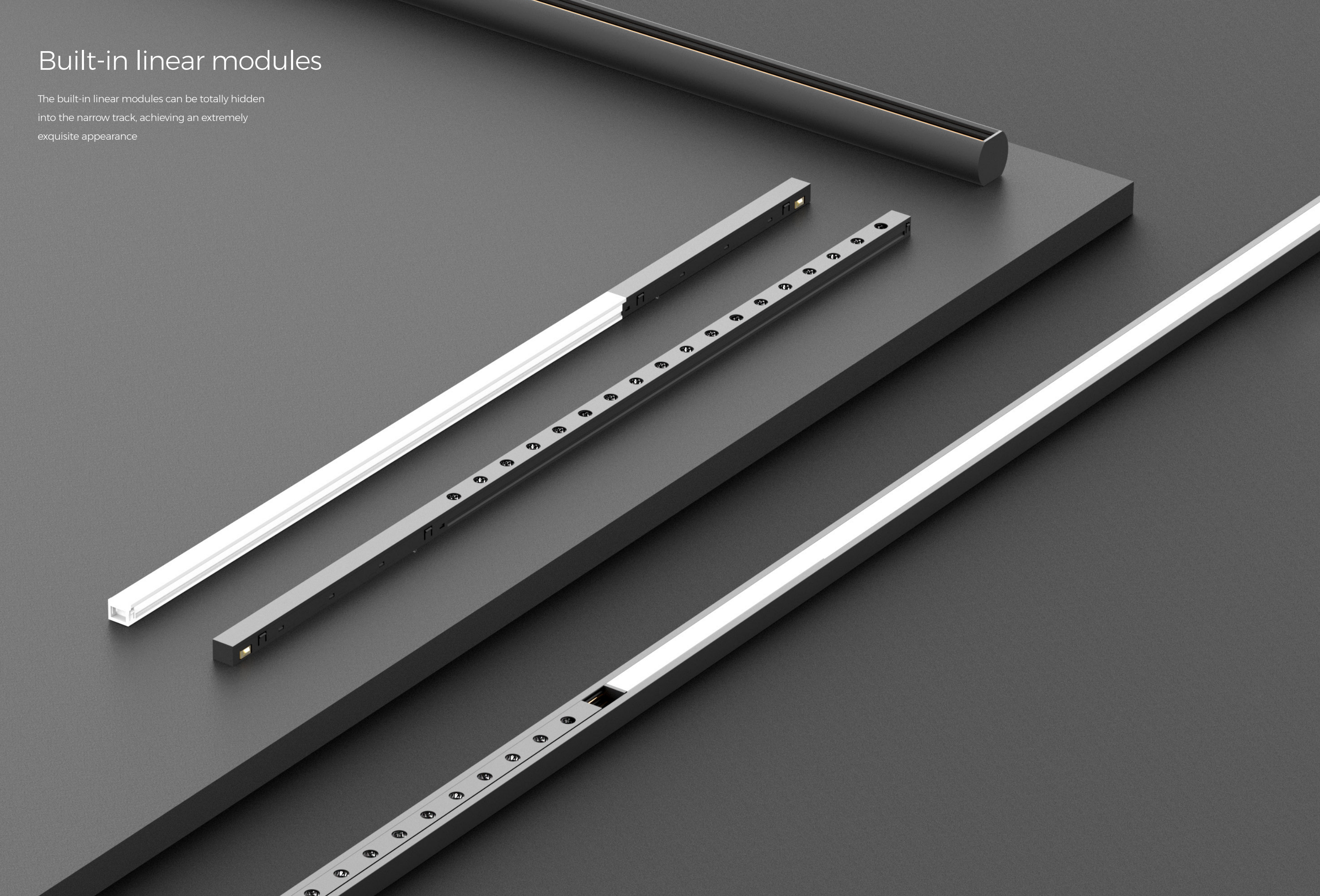
Adjustable angle grille modules

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





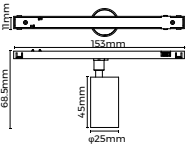




Product Parameters

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					
		MT11S-32	Φ32*65mm		6W	2700K/3000K/4000K	18°	64	385		13					
							24°	67	400		13					
							36°	65	390		19					
							50°	62	370		25					
							MT11S-42	Φ42*80mm	10W		2700K/3000K/4000K	15°	77	732	16	
		24°	74		709	16										
		36°	79		749	19										
		50°	78		743	22										
		Zoom Spotlight	MT11SZ-32		Φ32*65mm	4W	2700K/3000K/4000K	12°-45°	12		52	19				
									42		175	19				
	MT11SZ-42		Φ42*80mm		6W	2700K/3000K/4000K	10° -45°	13	72		19					
								51	288		19					
	Sunset light	MT11SS-55	Φ55*15.2mm		3W	1500K	/	49	167		/					
	Waterdrop light	MT11IW-40	Φ40*100mm		3W	2700K/3000K/4000K	110°	78	254		/					
	Pendant light	MT11I-30	Φ30*300mm		5W	2700K/3000K/4000K	24°（反光杯）	61	303		/					
							36°（反光杯）	57	283		/					
	Diffuser	MT11FD-150	152mm		5W	2700K/3000K/4000K	110°	32	165		/					
											10W	2700K/3000K/4000K	110°	31	291	/
											12W	2700K/3000K/4000K	/	/	/	/
	Grating	MT11G-150	152mm		5W	2700K/3000K/4000K	30°	63	332		13					
											10W	2700K/3000K/4000K	30°	69	734	10
		MT11DD-500	507mm		12W	2700K/3000K/4000K	/	/	/		/					
											7W	3000K/4000K	30°	70	563	16
		MT11G(A)-220	220mm		14W	3000K/4000K	30°	66	1063		13					
	Square recessed neon	MT11NK-11	1000mm		5W	2700K/3000K/4000K	/	/	/		/					
	Round neon	MT11NK-13-1000	1000mm		<5 Step	8W	2700K/3000K/4000K	360°	50		378	/				
												MT11NK-13-2500	2500mm	18W	2700K/3000K/4000K	360°
	LOGO Spotlight	MT11SL-23	Φ23*76mm		>5 Step	3W	3000K/4000K	18° -35°	11		38	>95	10			

MT11S-25
Φ25mm spotlight



Dimming Method

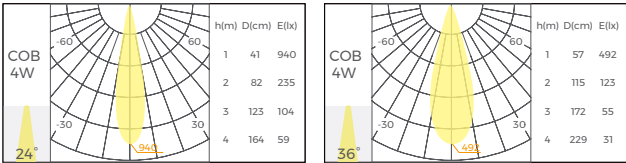


Table with 2 columns: Parameter, Value. Rows include Material (AL6063), Coating (Spraying), colors (Matte Black/Matte White), Reflector colors (Matte Black), Size (φ25*45mm), and Adjustable angle (Vertical 90° / horizontal 350°).

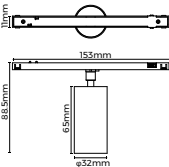
Table with 2 columns: Parameter, Value. Rows include Light source (COB), Light source SDCM (<3 Step), Input voltage (24-48VDC), CRI (Ra >90), CCT (2700K / 3000K / 4000K), UGR (X=4H,Y=8H) (≤16(24°), ≤23(36°)), Power(W) (4), Beam angle (24° / 36°), Light efficiency*(LM / W) (46 / 50), Luminous flux*(LM) (185 / 200), IP (IP20), Warranty (5 years), and 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



MT11S-32
Φ32mm spotlight



Dimming Method

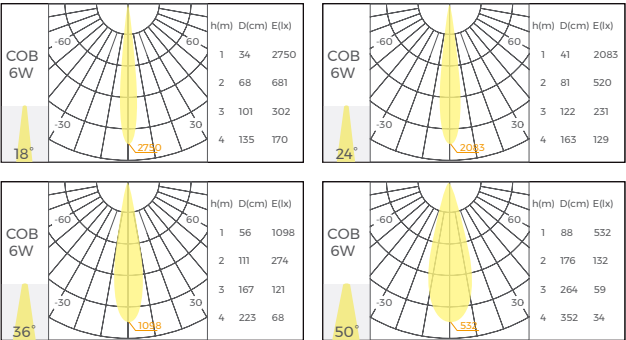


Table with 2 columns: Parameter, Value. Rows include Material (AL6063), Coating (Spraying), colors (Matte Black/Matte White), Reflector colors (Matte Black), Size (φ32*65mm), and Adjustable angle (Vertical 90° / horizontal 350°).

Table with 2 columns: Parameter, Value. Rows include 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), and Certification (CE / UKCA / Rohs / Reach).

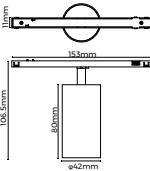
* Light efficiency & Luminous flux parameters based on 3000K Light source
2700K Light efficiency & Luminous flux=3000K*0.96
4000K Light efficiency & Luminous flux=3000K*1.06

Optical Parameter - White Light



MT11S-42

Φ42mm spotlight



Dimming Method

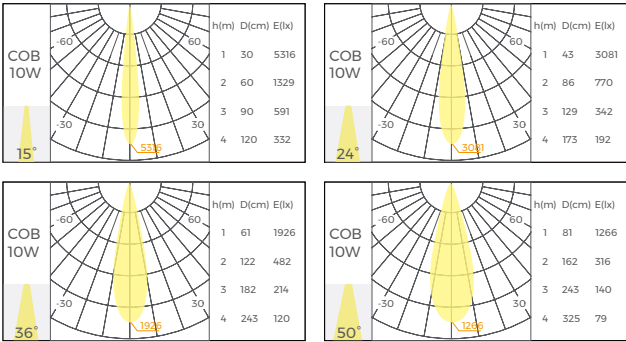


Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	φ42*80mm
Adjustable angle	Vertical 90° / horizontal 350°

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

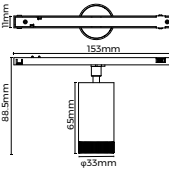
* Light efficiency & Luminous flux parameters based on 3000K Light source
2700K Light efficiency & Luminous flux=3000K*0.96
4000K Light efficiency & Luminous flux=3000K*1.06

Optical Parameter - White Light



MT11SZ-32

Φ32mm zoom spotlight



Dimming Method

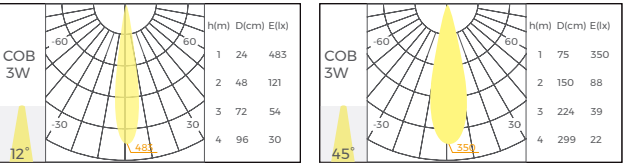


Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	φ32*65mm
Adjustable angle	Vertical 90° / horizontal 350°

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

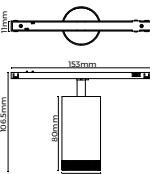
* Light efficiency & Luminous flux parameters based on 3000K Light source
2700K Light efficiency & Luminous flux=3000K*0.96
4000K Light efficiency & Luminous flux=3000K*1.06

Optical Parameter - White Light



MT11SZ-42

Φ42mm zoom spotlight



Dimming Method

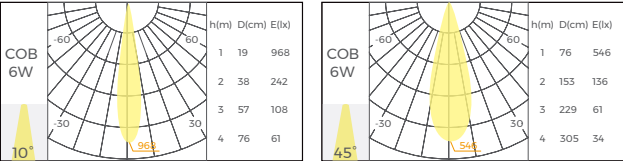


Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	Φ42*80mm
Adjustable angle	Vertical 90° / horizontal 350°

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

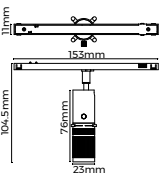
* Light efficiency & Luminous flux parameters based on 3000K Light source
2700K Light efficiency & Luminous flux≈3000K*0.96
4000K Light efficiency & Luminous flux≈3000K*1.06

Optical Parameter - White Light



MT11SL-23

Φ23mm logo spotlight



Dimming Method

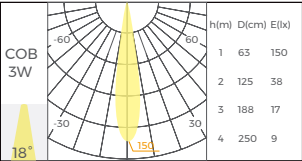


Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	Φ23*76mm
Adjustable angle	Vertical 90° / horizontal 350°

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

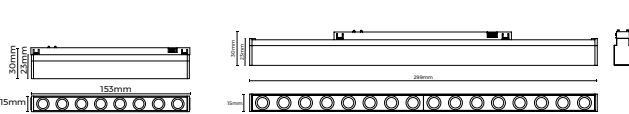
* Light efficiency & Luminous flux parameters based on 3000K Light source
4000K Light efficiency & Luminous flux≈3000K*1.06

Optical Parameter - White Light



MT11G

Grating



Dimming Method

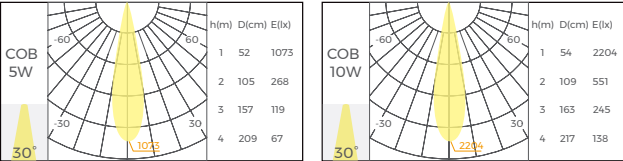


Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	150*15*30mm / 300*15*30mm
Adjustable angle	NO

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

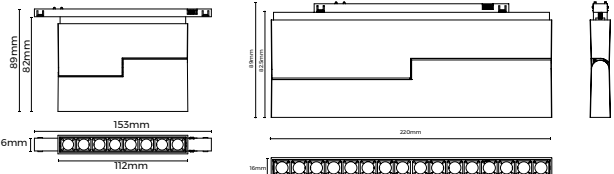
* Light efficiency & Luminous flux parameters based on 3000K Light source
2700K Light efficiency & Luminous flux≈3000K*0.96
4000K Light efficiency & Luminous flux≈3000K*1.06

Optical Parameter - White Light



MT11G(A)

Grating



Dimming Method

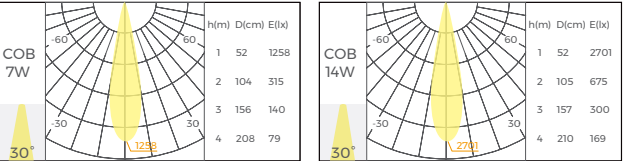


Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	112*16*89mm / 220*16*89mm
Adjustable angle	Vertical 90°

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

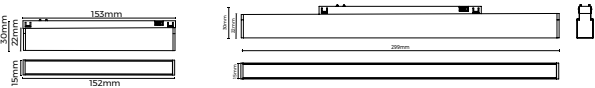
* Light efficiency & Luminous flux parameters based on 3000K Light source
4000K Light efficiency & Luminous flux≈3000K*1.06

Optical Parameter - White Light



MT11FD

Diffuser



Dimming Method

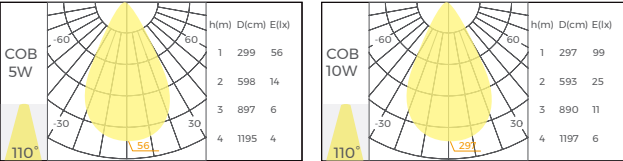


Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	White
Size	152*15*30mm / 299*15*30mm
Adjustable angle	NO

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

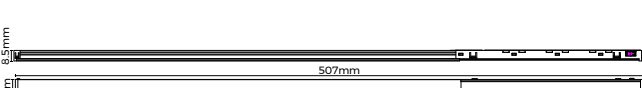
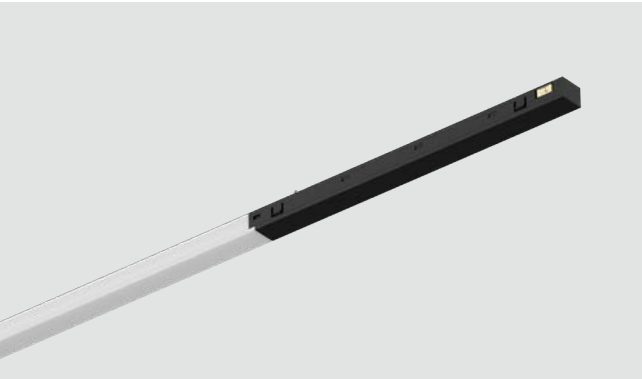


Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Black
Size	507*11*8.5mm
Adjustable angle	NO

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

MT11DD

Diffuser



Dimming Method

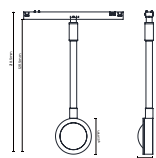


Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Black
Size	507*11*8.5mm
Adjustable angle	NO

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

MT11SS-55

Sunset light



Dimming Method



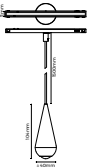
Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	NO
Size	Φ55*15.5mm
Adjustable angle	Vertical 90°

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

MT11IW-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

MT11I-30

Pendant light



Dimming Method



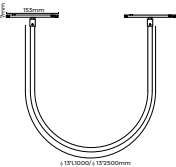
Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte Black
Size	Φ30*300mm
Adjustable angle	NO

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



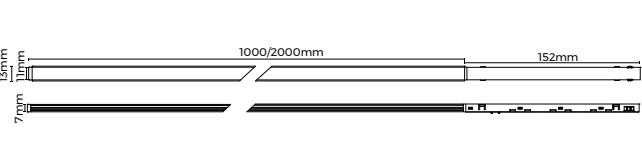
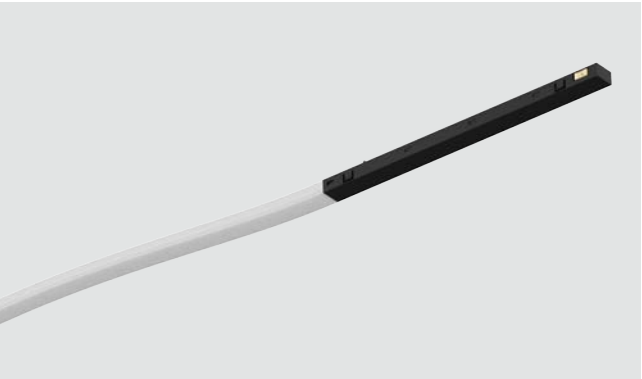
Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte Black/Matte White
Reflector colors	Matte White
Size	Φ13*1000mm / Φ13*2500mm
Adjustable angle	NO

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



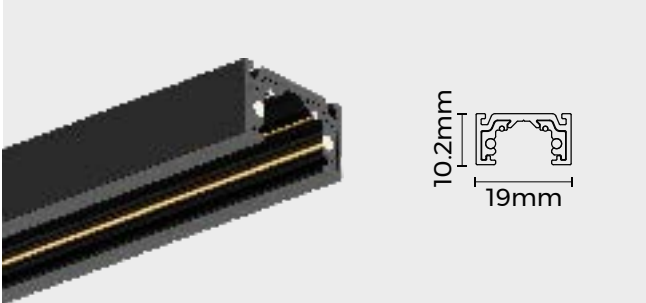
Basic Parameters	
Material	AL6063
Coating	Spraying
colors	Matte White
Reflector colors	Matte White
Size	Φ11*5*1000mm / Φ11*5*2000mm
Adjustable angle	NO

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

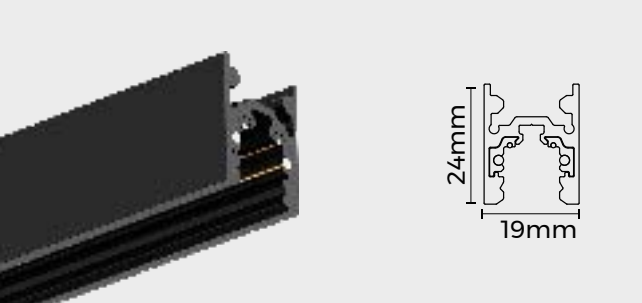
Ceiling



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

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

Pendant track



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

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

Curve Track

Ceiling



TLS-MS111090

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

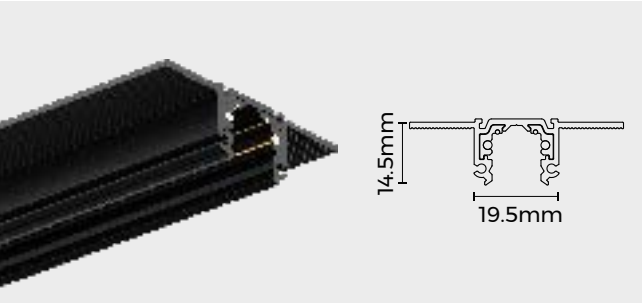
Pendant track



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

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

Trimless track



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

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

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



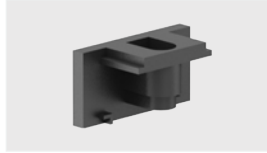
Power supply
Model: BN-V48-100P
Size: L350×W30×H18mm
Input voltage: 220-240VAC
Output: DC48V
Power: 100W
Applicable model: All track

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

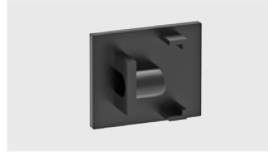
End cap



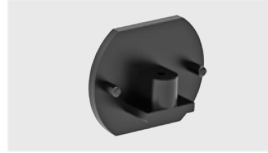
Model: TLS-MT11-S-EC
Material: PC
Size: L19×W10×H6mm
Applicable model: TLS-MT11-SX0
TLS-MS111090



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



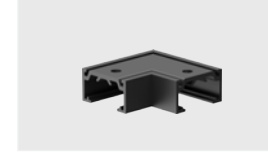
Model: TLS-MT11-H-EC
Material: PC
Size: L23×W19.5×H9mm
Applicable model: TLS-MT11-HX0



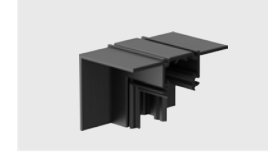
Model: TLS-MT11-SR-EC
Material: PC
Size: $\Phi 25.5 \times H9\text{mm}$
Applicable model: TLS-MT11-SRX0



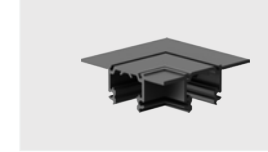
L-shaped (Inward)
Model: MT11-L90N-MS11
Material: Aluminum
Size: L25×W25×H10mm
Applicable model: TLS-MT11-SX0



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

Installation accessory

Pendant accessory

Model: TLS-MT105

Material: /

Size: L19×W10×H6mm

Applicable model: TLS-MT1-SRXO
TLS-MT1-HXO



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



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



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