

Track System Specification

MT11FD

— MicroTrack T1 series

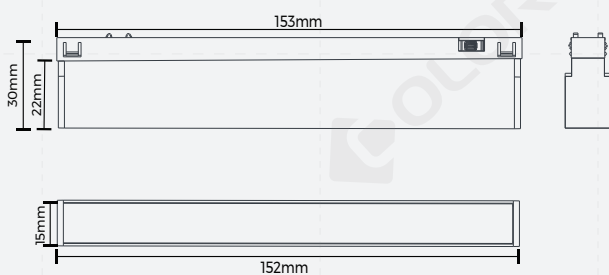


◎ Basic Parameters

- Material: AL6063, spraying surface
- Coating: Matte Black (RAL9005)
- Size: 152*15*30mm / 299*15*30mm
- IP grade: IP20
- CCT: 2700K,3000K,4000K optional
- CRI: 90
- SDCM: <3 Step
- Beam angle: 110°
- Light efficiency: 30 LM/W,31 LM/W
- Input voltage: DC48V
- Lighting direction: Downward
- Dimming method: Non-dimming,DALI-2,Tuya Bluetooth,CASAMBI
- Application: Indoor
- Certification: CE,UKCA,ROHS,Reach
- Warranty: 5 years



◎ Product mechanical data



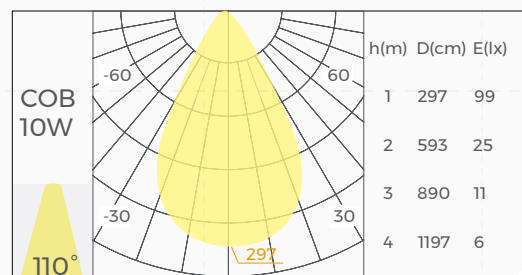
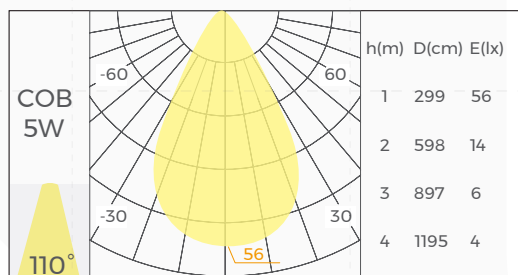
© Luminaire Parameters

Version	Model	Length	Input Voltage (V)	Max. Current (A)	Type Power (W)	Max. Power (W)	CRI	Beam Angle	CCT	Lumen (LM)
Normal	MT11FD	150mm	48VDC	0.115	5.0	5.5	>90	110°	2700K	150
									3000K	155
									4000K	165
Normal	MT11FD	300mm	48VDC	0.208	10.0	11	>90	110°	2700K	300
									3000K	310
									4000K	330

Note:

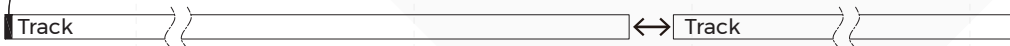
1. The output data is based on the testing result of Ra90,3000k luminaires;
2. The tolerance of output data can vary up to 10%;
3. The output data is typical value.

© Optical Parameter



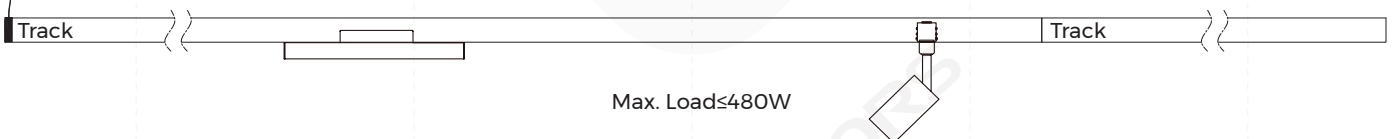
[Points to note]

⚡ 48V Power Supply



Total track Length ≤ 50M

⚡ 48V Power Supply






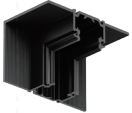
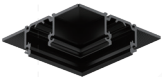

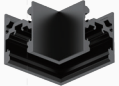
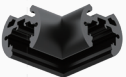


Max. Load ≤ 480W

Supplementary power supplies are needed beside the Spotlights module / Decorative module / Linear modular under below one conditions:

1. Load > 480W on the track
2. Total track length > 50M

© Accessories Information

Picture	Name	Model
	Trimless recessed track (13mm gypsum board)	TLS-MT11-RXO
	Ceiling track	TLS-MT11-SXO
	Pendant track	TLS-MT11-HXO
	Pendant track	TLS-MT11-SRXO
	φ1000mm 90° Ceiling curve track	TLS-MS111090
	Rail energization box	TLS-MT1101
	Horizontal corner power-on connectors	TLS-MT1102
	Flexible energized connectors	TLS-MT1103
	Rail energized connectors	TLS-MT1104
	Pendant accessory	TLS-MT1105
	Rail connectors	TLS-MT1106
	End caps	TLS-MT11-R-EC
	End caps	TLS-MT11-S-EC
	End caps	TLS-MT11-H-EC

Picture	Name	Model
	End caps	TLS-MT11-SR-EC
	L-shaped (Inward)	MT11-L90N-MS11
	L-shaped (Downward)	MT11-L90-MS11
	L-shaped (Inward)	MT11-L90N-MR11
	L-shaped (Downward)	MT11-L90-MR11
	L-shaped (Inward)	MT11-L90N-MH11
	L-shaped (Downward)	MT11-L90-MH11
	L-shaped (Downward)	MT11-L90-MSR11
	48V Constant Voltage Power supply(external)	BN-V48-XXXP
	48V Constant Voltage Power supply(build-in)	LV100W48CG MICRO

Note:

1,Please refer to the accessory list table for detailed parameters.

2,Different tracks need to be used with corresponding accessories

◎Packing

Model	Size (mm/box)	Quantity /box	Quantity /carton	NW (kg/box)	NW (kg/carton)	GW (kg)	Size (mm/carton)
TLS-MT11FD0150-XXX	35*22*170 [1.38**0.87**6.69"]	1	100	0.07	7.2	9.2	355*245*205 [13.80**9.65**8.07"]
TLS-MT11FD0300-XXX	35*22*320 [1.38**0.87**12.60"]	1	50	0.13	6.35	8.14	355*245*205 [13.80**9.65**8.07"]

◎Model Code

TLS	-	M	T	11	F	D	0150	-	05	90	40	F1	-	N	B	B
System TLS: Track Light System		Series M: Magnetic Module	Installation T: Track	Track Size 11: 11mm	Type F: Flat	Nature D: Diffuser	Length 0150: 150mm 0300: 300mm		Type Power 05: 5W 10: 10W	CRI 90: Ra>90	CCT 27: 2700K 30: 3000K 40: 4000K	Beam angle F1: 110°		Dimming Method N: Non-Dimming D: 1-10V Dimming A: DALI Dimming X: No Power	Color B: Black	Inner Ring Color B: Black

◎Attentions

- 1、 Non-professionals are prohibited from installing, disassembling and repairing the product.
- 2、 Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- 3、 Please use professional cutting tools when cutting
- 4、 Do not use any acid or alkaline adhesive to fix products
- 5、 The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- 6、 PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use