

Track System Specification

MT11S-3838

— MicroTrack T1 series

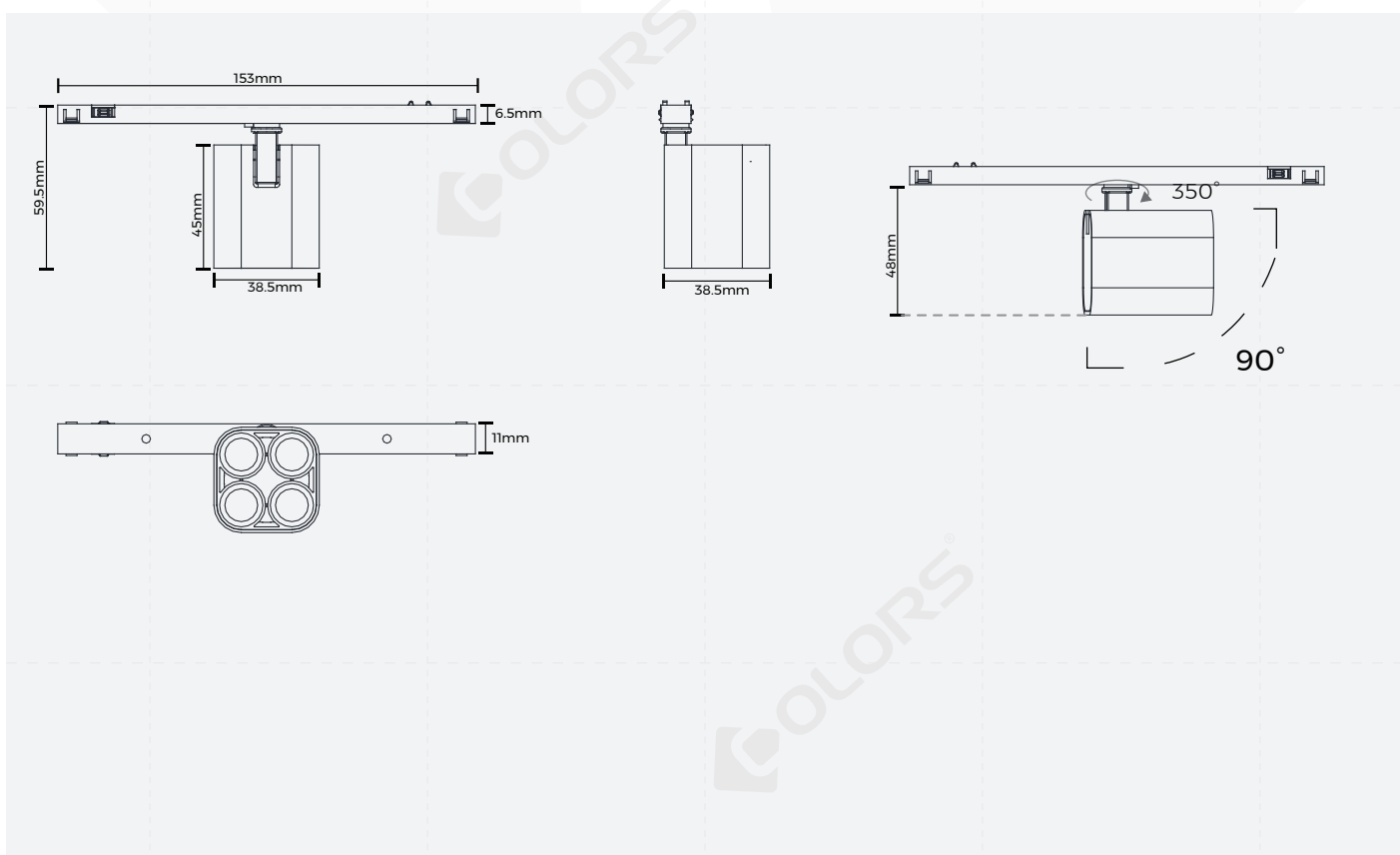


◎ Basic Parameters

- Material: AL6063, spraying surface
- Coating: Black/White
- Size: 38*38mm
- IP grade: IP20
- CCT: 2700K, 3000K,4000K optional
- CRI: 90
- SDCM: /
- Beam angle: 24°,40°
- Light efficiency: 70 LM/W , 75 LM/W
- Input voltage: DC24-48V
- 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



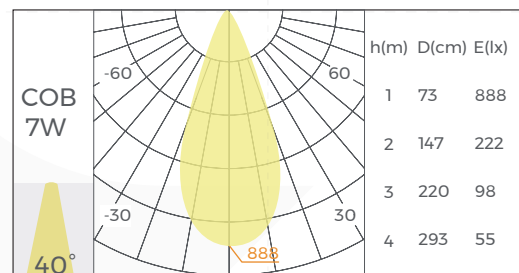
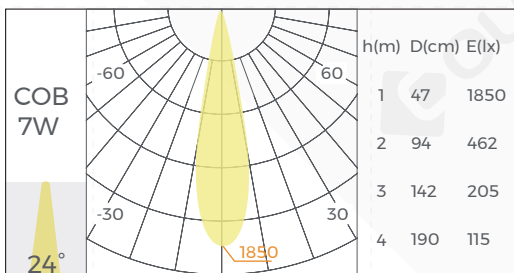
© Luminaire Parameters

Model	Input Voltage (V)	Type Power (W)	CRI	Beam Angle	CCT	Lumen (LM)
MT11S-3838	24-48VDC	7	>90	24°	2700K	455
					3000K	475
				40°	4000K	500
					2700K	505
				3000K	530	
				4000K	545	

Note:

1. The output data is based on the testing result of Ra90,4000k luminaires;
2. The tolerance of output data can be vary up to 10%;
3. The output data is typical value.

© Optical Parameter



[Points to note]

⚡ 48V Power Supply



Total track Length $\leq 50M$

⚡ 48V Power Supply







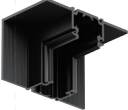
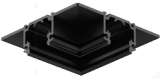

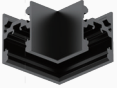



Max. Load $\leq 480W$

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-MT1S3838-XXX	166*84*47	1	40	0.1	4	10.9	435*347*203

◎Model Code

TLS	-	M	T	11	S	3838	-	07	90	40	24	-	N	B	B
System TLS: Track Light System		Series M: Magnetic Module	Installation T: Track	Track Size 11: 11mm	Type S: Spotlight	Size 3838: 38*38mm		Type Power 07: 7W	CRI 90: Ra>90	CCT 30: 3000K 40: 4000K	Beam angle 24: 24° 40: 40°		Dimming Method N: Non-Dimming A: DALI Dimming TB: Tuya-Bluetooth Mesh Dimming	Color B: Black W: White	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