

LINEAR Trunking



INDOOR SERIES



PRODUCT OVERVIEW

The **AL TSA Linear Trunking System** is a continuous LED lighting system. All system components, trunking rail and luminaire inserts are perfectly matched according to 1500mm/600mm system dimensions.

The **AL TSA Linear Trunking System** is available in triple, double and single-length rails and can be combined to comply with the space involved.

Quality comes standard...



Hours
LIFESPAN



IP42
INDOOR



Low
MAINTENANCE



Year
WARRANTY



Product
CERTIFICATION

APPLICATIONS

Hotels

Conference/Meeting Rooms

Factories & Offices

Commercial Applications

Schools

Colleges

Universities

Hospitals

FEATURES

Beam Angle 90°/120°

Double 25° / L Or R

Emergency Back-Up Optional

5 Year Warranty

CONSTRUCTION DETAILS

Aluminium Housing

IP42 Ingress Protection

PC Lens

Silver/White/Black Finish

Linear Trunking

TECHNICAL DATA

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm)	DIMENSIONS (mm)	CRI	CCT (K)	GLARE RATE (UGR)	POWER FACTOR
MB-LL06-24	184-265VAC	10	3120	583x80.7x56.7	>80	2700-6500	UGR 22	>0.95
MB-LL06-35	184-265VAC	35	4550	583x80.7x56.7	>80	2700-6500	UGR 22	>0.95
MB-LL12-35	184-265VAC	35	4550	1136x68x48	>80	2700-6500	UGR 22	>0.95
MB-LL12-50	184-265VAC	50	6500	1136x68x48	>80	2700-6500	UGR 22	>0.95
MB-LL12-60	184-265VAC	60	7800	1136x68x48	>80	2700-6500	UGR 22	>0.95
MB-LL15-40	184-265VAC	40	5200	1438x80.7x56.7	>80	2700-6500	UGR 22	>0.95
MB-LL15-60	184-265VAC	60	7800	1438x80.7x56.7	>80	2700-6500	UGR 22	>0.95
MB-LL15-70	184-265VAC	70	9100	1438x80.7x56.7	>80	2700-6500	UGR 22	>0.95

TECHNICAL DATA | Simple Linkable Led Trunking

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm)	DIMENSIONS (mm)	CRI	CCT (K)
MB-SLTL-600mm	184-265VAC	25/22/18/15	160/180	583x80.7x56.7	>80	2700-6500
MB-SLTL-1200mm	184-265VAC	40/35/30/22	160/180	1152x80.7x56.7	>80	2700-6500
MB-SLTL-1500mm	184-265VAC	60/50/40/35	160/180	1438x80.7x56.7	>80	2700-6500
MB-SLTL-600mm	184-265VAC	25/22/18/15	160/180	583x80.7x56.7	>80	2700-6500
MB-SLTL-1200mm	184-265VAC	40/35/30/22	160/180	1152x80.7x56.7	>80	2700-6500
MB-SLTL-1500mm	184-265VAC	60/50/40/35	160/180	1438x80.7x56.7	>80	2700-6500

TECHNICAL DATA | Simple Linkable Led Trunking

MODEL No.:	VOLTAGE (V)	POWER (W)	LUMEN (lm)	DIMENSIONS (mm)	CRI	CCT (K)
MB/LLM/120/40W	180-265VAC	40	120/150	1136x68x48	>80	2835 COB
MB/LLM/120/40W	180-265VAC	40	120/150	1418x68x48	>80	2835 COB
MB/LLM/120/40W	180-265VAC	60	120/150	1418x68x48	>80	2835 COB
MODEL No.:						
MB/RAIL/1136			FOR 1PCS 1.2M LED LINEAR MODULE , 3 WIRES / WHITE / 1136mm			
			FOR 1PCS 1.2M LED LINEAR MODULE , 5 WIRES / WHITE / 1136mm			
MB/RAIL/1430			FOR 1PCS 1.5M LED LINEAR MODULE , 3 WIRES / WHITE / 1418mm			
			FOR 1PCS 1.5M LED LINEAR MODULE , 3 WIRES / WHITE / 1418mm			

Linear Trunking

MECHANICAL DATA

Lamp Description:	Hongli 2835				
Size Description:	1136x68x48	1418x68x48	583x80.7x56.7	1152x80.7x56.7	1438x80.7x56.7
Operating Temperature:	-20°C ~ 50°C				
Housing Material:	Aluminium				
Lens Material:	PC				
Glare Index:	UGR22				
Housing Finish:	Silver/White/Black				
IP Rating	IP42				
Mounting Configuration:	Suspended				
Flicker Specifocation:	SVM<0.4				

ELECTRICAL DATA

		FEATURES
Driver:	Zhengyuan	EMC Applicable Standards
Electrical Class:	Class 1	Dali Control
Nominal Voltage Range:	184 - 265 VAC	1-10V Control
Power Factor:	>0.95	Triac Dimmable
THD:	12%	Battery Backup 20% 30-90 Minutes
Surge Protection:	Standard 1000V- Optional 2750V	Motion Sensor
Cable Entry:	Top/Side	External Photocell
Tridonic:	Optional	
Vossloh Shwabe:	Optional	

Linear Trunking

MODEL No.:	DESCRIPTION	SIZE (MM)	WIRES
MB/06X1/05WH	TRUNKING RAIL	600mm	5
MB/06X1/08WH	TRUNKING RAIL	600mm	8
MB/06X1/12WH	TRUNKING RAIL	600mm	12
MB/15X1/05WH	TRUNKING RAIL	1437mm	5
MB/15X1/08WH	TRUNKING RAIL	1437mm	8
MB/15X1/12WH	TRUNKING RAIL	1437mm	12
MB/30X1/05WH	TRUNKING RAIL	2874mm	5
MB/30X1/08WH	TRUNKING RAIL	2874mm	8
MB/30X1/12WH	TRUNKING RAIL	2874mm	12
MODEL No.:	DESCRIPTION	SIZE (MM)	WIRES
MB/06SE/04WH	TRUNKING RAIL MODULE	600mm	4
MB/15SE/04WH	TRUNKING RAIL MODULE	1437mm	4
MODEL No.:	DESCRIPTION	SIZE (MM)	DETECTION (METER)
MB/S0608	MOTION SENSOR	600mm	8m
MB/S0615	MOTION SENSOR	600mm	15m
MB/S1508	MOTION SENSOR	1437mm	8m
MB/S1515	MOTION SENSOR	1437mm	15m
MODEL No.:	DESCRIPTION	SIZE (MM)	WIRES
MB/EL/1	EMERGENCY LIGHT MODULE	600mm	5
MB/EL/2	EMERGENCY LIGHT MODULE	1437mm	5
MODEL No.:	DESCRIPTION	WIRES	
MB/FN/05	FEED IN CONNECTOR	8m	
MB/FN/08	FEED IN CONNECTOR	15m	
MB/FN/12	FEED IN CONNECTOR	8m	
MODEL No.:	DESCRIPTION	POWER (V)	WIRES
MB/FO/05	POWER CABLE TO LOOP OUT	220V	5
MB/FO/08	POWER CABLE TO LOOP OUT	220V	8
MB/FO/12	POWER CABLE TO LOOP OUT	220V	12
MODEL No.:	DESCRIPTION	WIRES	
MB/BF/05WH	FEED IN BOX	5	
MB/BF/08WH	FEED IN BOX	8	
MB/BF/12WH	FEED IN BOX	12	
MODEL No.:	DESCRIPTION	WIRES	
MB/BO/05WH	FEED OUT BOX	5	
MB/BO/08WH	FEED OUT BOX	8	
MB/BO/12WH	FEED OUT BOX	12	



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MODEL No.:	POWER (V)	LUMENS (lm/w)	SIZE (MM)	WATTAGE (W)	DRIVER
MB/1550/X2X3/WH	200-240V	170-180lm/w	1437mm	50W	TRIDONIC
MB/1570/X2X3/WH	200-240V	170-180lm/w	1437mm	60W	TRIDONIC



MODEL No.:	DESCRIPTION	SIZE (MM)
MB/BC/06WH	BLANK COVER	600mm
MB/BC/15WH	BLANK COVER	1437mm

MODEL No.:	DESCRIPTION	WIRES
MB/LX1/05WH	L NODE CONNECTOR	5
MB/LX1/08WH	L NODE CONNECTOR	8
MB/LX1/12WH	L NODE CONNECTOR	12

MODEL No.:	DESCRIPTION	WIRES
MB/TX1/05WH	T NODE CONNECTOR	5
MB/TX1/08WH	T NODE CONNECTOR	8
MB/TX1/12WH	T NODE CONNECTOR	12

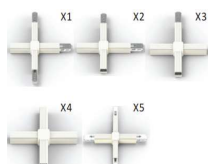
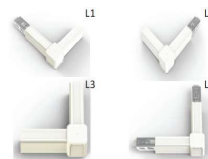
MODEL No.:	DESCRIPTION	WIRES
MB/XX1/05WH	X NODE CONNECTOR	5
MB/XX1/08WH	X NODE CONNECTOR	8
MB/XX1/12WH	X NODE CONNECTOR	12

MODEL No.:	DESCRIPTION	METERS
MB/CO/3000	SUSPENSION CORD	3m
MB/RO/1000	SUSPENSION ROD	1m
MB/CH/3000	SUSPENSION CHAIN	3m

MODEL No.:	DESCRIPTION
MB/EC/WH	END CAP

MODEL No.:	DESCRIPTION
MB/SU	SURFACE MOUNTED

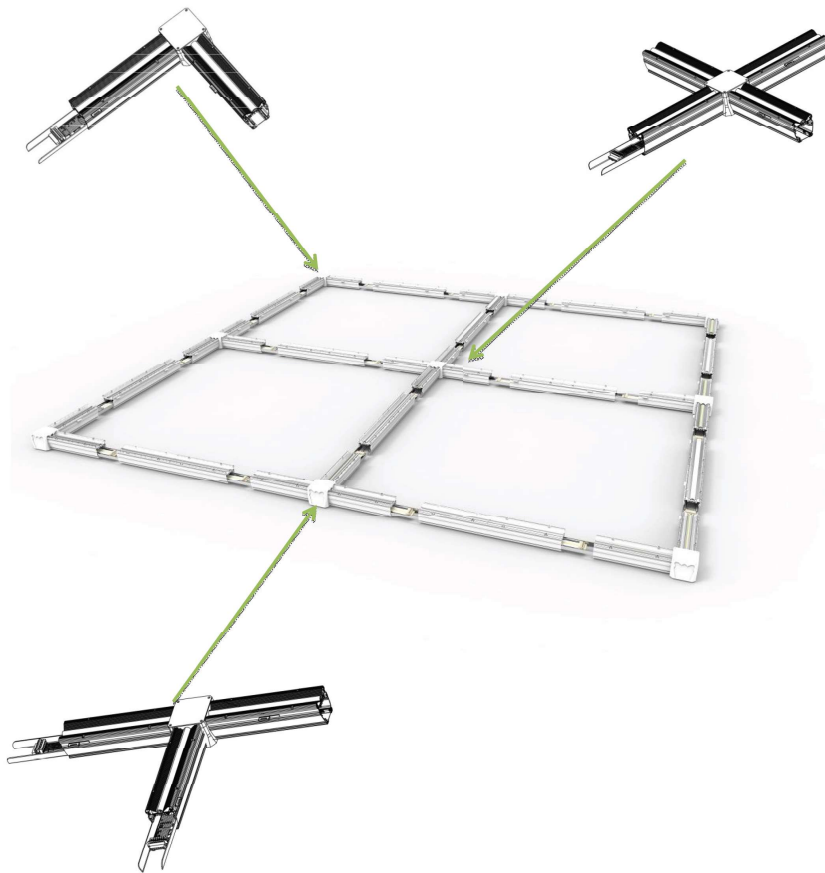
MODEL No.:	DESCRIPTION
MB/MC13	MOUNTING CLIP(for hole with 13.5mm)



Linear Trunking

INSTALLATION ACCESSORIES

All system components can be combined without tools. X, T and L connectors expand the system's application range. Each connector has own Feed-In and Feed-Out Connectors. Used to power the connected rail, or could be used to connect the main power supply.



L-Node



T-Node



X-Node

