



Mickala Lighting Tower Model Range



MODEL						
MODEL	MLT1280-LED	MLT1920-LED	MLT2560-LED	MLT2560-LED	MLS2560-LED	MLT3840-LED
CONFIGURATION	Single Axle Trailer	Single Axle Trailer	Single Axle Trailer	Dual Axle Trailer	Sled Mounted	Dual Axle Trailer
DIMENSIONS						
WIDTH	1,783mm	2,000mm	2,000mm	2,000mm	2,450mm	2,000mm
LENGTH	3,307mm	4,300mm	4,300mm	5,200mm	6,000mm	5,200mm
HEIGHT	2,540mm	2,450mm	2,450mm	2,450mm	2,750mm	2,450mm
WET WEIGHT	1,480kg	2,180kg	2,220kg	2,580kg	5,800kg	2,660kg
ENGINE AND GENERATOR						
FUEL	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
ENGINE	Kubota Z482-E	Kubota Z482-E	Kubota Z482-E	Kubota Z482-E	Kubota Z482-E	Kubota Z482-E
NO ENGINE CYLINDERS	2	2	2	2	2	2
ENGINE SPEED RPM	1,500	1,750	1,750	1,750	1,750	3,000
ENGINE ASPIRATION	Natural	Natural	Natural	Natural	Natural	Natural
GENERATOR	Sincro	Sincro	Sincro	Sincro	Sincro	Sincro
GENERATOR VOLTAGE	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC	24 VDC
TYRE AND RIM SIZE	235 R16	235 R16	235 R16	235 R16	NA	235 R16
STABILISER SUPPORTS	4 Manual Legs	4 Hydraulic Legs	4 Hydraulic Legs	4 Hydraulic Legs	Sled Mounted	4 Hydraulic Legs
TOW POINT	50mm Ball	Ring	Ring	Ring	Tow Chains	Ring
LIGHTS						
TYPE OF LIGHTS	LED	LED	LED	LED	LED	LED
LAMP WATTAGE	320w	320w	320w	320w	320w	320w
LAMP LIFE HOURS	50,000	50,000	50,000	50,000	50,000	50,000
NO OF LIGHTS	4	6	8	8	8	12
LIGHT OUTPUT	1280w	1920w	2560w	2560w	2560w	3840w
TOTAL LUMENS	244,480	366,720	488,960	488,960	488,960	733,440
LUMENS PER WATT	191	191	191	191	191	191
MAST						
MAST HEIGHT	8.1m	9.1m	9.1m	10.5m	11.2m	10.5m
MAST ROTATION	180°	340°	340°	340°	340°	180°
WIND RATING SPEED	100km/h	100km/h	100km/h	100km/h	100km/h	100km/h
FUEL						
FUEL CAPACITY	210L	185L	185L	240L	240L	240L
OPERATING HOURS AT 100% LOAD*	300 hours (0.7L/h)	264 hours (0.7L/h)	231 hours (0.8L/h)	300 hours (0.8L/h)	300 hours (0.8L/h)	160 hours (1.5L/h)
STANDARD FEATURES ON ALL MODELS						
24VDC Extra Low Voltage System		Safety Valves on all Hydraulic Rams		Jump Start Receptacle		
Auto Start and Stop		LED Tail Lights and Beacons		Tier IV Engines		
All Contaminates Fully Bundled		Fail Safe Shutdown System		Lockable Starter and Battery Isolators		

* Fuel burn rates have been calculated in a controlled environment, in accordance with manufacturers specifications

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