

MOBILE LIGHT TOWERS

RELIABLE | FLEXIBLE | AVAILABLE | DURABLE



MLT3060M

Mobile Light Tower 3000 | 6kW

- 4,000 watts of light with individual floodlight circuits
- 360° mast and light fixture rotation with locking system for flexible illumination
- 120v & 240v convenience outlets supply additional power supply on-site
- Start limit breaker assures no load condition exists before starting
- Full tubular steel frame trailer for lifetime durability
- 4 point outrigger stance withstands up to 65mph winds



MLT4200IF4

Mobile Light Tower 4000 | 6kW - 20kW

From 6kW to 20kW standby output, Magnum's 4000 light towers provide power choices to meet your application needs. The 4000 is available as single phase models (MLT4060, MLT4080, MLT4150 & MLT4200).

The 4000 models supply additional power opportunities with up to 6 individually breakered convenience outlets to meet application needs on the job site. Voltage regulated power is standard on the MLT4150, MLT4200 producing cleaner power for critical applications.

At 68" wide, the broad wheel base, steel framed trailer is designed for stability in rough terrain.

Vertical Mast Light Towers

(available on 3000, 4000 and 5000 models)

- Mast Extends to 25 feet
- 5 Section mast tubular steel construction
- Single electric winch raises mast
- Quiet, rapid deployment of mast in less than 15 seconds, for quick and easy setup
- Front step platform for easy adjustment of light fixtures
- 360° Mast rotation with locking system for flexible illumination on-site
- Powder coated mast inside and out provides excellent rust protection
- Self lubrication graphite shims inside mast for smooth operation



MLT4060VM



MLT5150M

Mobile Light Tower 5000 | 6kW - 15kW

The Magnum 5000 light tower models are ideal for offroad applications with a wide 78" wheel base trailer, secure internal light storage and extra long run times with 56 gallons of fuel on board. The side doors open wide for effortless removal of the light fixtures and easy access to all controls and routine maintenance areas.

The MLT 5000 models offer power output from 6kW - 20 kW, single phase with up to 6 individually breakered convenience outlets for those applications requiring additional power on-site.

Air inlet duct can be closed in cold weather environments to increase cabinet and engine temperatures.

Cold Climate Package

Magnum's mobile light towers are available with features designed to combat the harsh winter environment and maximize your uptime. Standard on every CAN product.

Features:

- 60/40 Coolant
- Lower Radiator Hose Heater
- Heated Fuel Filter
- AGM Sealed Battery 775 CCA
- Liquid Containment
- Drape Cord (*Standard Mast only*)

Models: MLT4060KCAN, MLT4080KCAN, MLT4200ICAN, MLT5080KCAN, MLT5200ICAN



MLT4000SD

Mobile Light Tower Solar Hybrid

- Available in Kubota Diesel engine or Generac® Propane engine backup fuel options
- Reduces carbon footprint, and is compliant with green build regulations
- Cost effective, reduces fuel and maintenance costs
- 50 days of unattended run time on a combination of diesel and 6 hours of direct sunlight a day
- Silent operation on solar / battery power
- Solar panels that absorb both direct and indirect UV rays
- Electric Mast for effortless deployment



MLT5080KCAN

MLT6SK

Light Tower Specifications | 6kW - 8kW



Model	MLT3060M	MLT3060K	MLT6SM	MLT6SK	MLT8SK
Engine					
Make/Brand	Mitsubishi	Kubota	Mitsubishi	Kubota	kubota
Model	L3E - W461ML	D1005-E3BG1-MGM-1	L3E - W461ML	D1005-E3BG1-MGM-1	D1105 - E3BG
EPA tier	Final 4	Final 4	Final 4	Final 4	Final 4
Aspiration	Natural	Natural	Natural	Natural	Natural
Horsepower - prime hp (kW)	10.5 / 7.8	11.7 / 8.7	10.5 / 7.8	11.7 / 8.7	13.5 / 10.1
Horsepower - standby hp (kW)	12.2 / 9.1	13.1 / 9.8	12.2 / 9.1	13.1 / 9.8	15.4 / 11.5
Operating Speed rpm	1800	1800	1800	1800	1800
Displacement in ³ (L)	57.97 / 0.95	61.08 / 1.00	57.97 / 0.95	61.08 / 1.00	68.53 / 1.12
Cylinders - qty	3	3	3	3	3
Fuel Consumption - 100% prime gph	0.47 / 1.78	0.50 / 1.89	0.47 / 1.78	0.50 / 1.89	0.70 / 2.65
Fuel Consumption - 75% prime gph	0.35 / 1.32	0.38 / 1.44	0.35 / 1.32	0.38 / 1.44	0.53 / 2.01
Fuel Consumption - 50% prime gph	0.24 / 0.91	0.25 / 0.95	0.24 / 0.91	0.25 / 0.95	0.35 / 1.32
Battery Type - Group Number	24	24	24	24	24
Battery Voltage (Quantity per Unit)	12V / 1	12V / 1	12V / 1	12V / 1	12V / 1
Battery Rating	440 CCA	440 CCA	440 CCA	440 CCA	440 CCA
Generator					
Make/Brand	Marathon Electric	Marathon Electric	Marathon Electric	Marathon Electric	Marathon Electric
Model	201CSA5411	201CSA5411	201CSA5411	201CSA5411	201CSA5412
Type	Brushless	Brushless	Brushless	Brushless	Brushless
Insulation Class	F	F	F	F	F
Generator Set					
Output - Standby kW (kVA)	6 / 6	6 / 6	6 / 6	6 / 6	8 / 8
Output Voltage	120 / 240, single phase	120 / 240, single phase	120 / 240, single phase	120 / 240, single phase	120 / 240, single phase
Output Amperes 120V (240V) A	50 / 25	50 / 25	50 / 25	50 / 25	66 / 33
Frequency Hz	60	60	60	60	60
Power Factor	1 / 1Ø	1 / 1Ø	1 / 1Ø	1 / 1Ø	1 / 1Ø
CSA Listed	Yes	Yes	Yes	Yes	Yes
Dimensions					
Length w/mast/panels stowed in (m)	170 / 4.32	170 / 4.32	118 / 3	118 / 3	118 / 3
Width in (m)	49 / 1.25	49 / 1.25	57 / 1.45	57 / 1.45	57 / 1.45
Width w/outriggers extended in (m)	98 / 2.49	98 / 2.49	120.5 / 3.1	120.5 / 3.1	120.5 / 3.1
Height w/mast stowed in (m)	68 / 1.73	68 / 1.73	101 / 2.6	101 / 2.6	101 / 2.6
Maximum height of towers ft (m)	30 / 9.14	30 / 9.14	23 / 7	23 / 7	23 / 7
Weights lbs (kg)					
Dry Weight	1640 / 744	1657 / 752	1305 / 592	1340 / 608	1342 / 609
Operating Weight	1856 / 842	1873 / 850	1603 / 727	1653 / 750	1641 / 744
Capacities					
Fuel Tank Volume gal (L)	30 / 114	30 / 114	43.5 / 165	43.5 / 165	43.5 / 165
Usable Fuel Volume gal (L)	30 / 114	30 / 114	43.5 / 165	43.5 / 165	42 / 159
Maximum Run Times hrs	64	60	90	84	60
Lighting					
Lumens	440,000	440,000	440,000	440,000	440,000
Coverage acres (m ²)	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)
AC Distribution					
Circuit Breaker Size	30	30	30	30	40
Voltage Regulation	Capacitor +/- 6%	Capacitor +/- 6%	Capacitor +/- 6%	Capacitor +/- 6%	Capacitor +/- 6%

*Specifications or design subject to change without notice.

Light Tower Specifications | 6kW - 8kW

MLT4000S



Model	MLT4000S	MLT4000SD	MLT4060M	MLT4060K	MLT4080K
Engine					
Make/Brand	Generac	Kubota	Mitsubishi	Kubota	Kubota
Model	GN - 220	EA330-E4-NB1-APU-1	L3E - W461ML	D1005-E3BG1	D1105-E3BG
EPA tier	Phase 3	Final 4	Final 4	Final 4	Final 4
Aspiration	Natural	Natural	Natural	Natural	Natural
Horsepower - prime hp (kW)	NA	NA	10.5 / 7.8	11.7 / 8.7	13.5 / 10.1
Horsepower - standby hp (kW)	NA	NA	12.2 / 9.1	13.1 / 9.8	15.4 / 11.5
Operating Speed rpm	2850	2150	1800	1800	1800
Displacement in ³ (L)	13.18 / 0.216	19.8 / 0.325	57.97 / 0.95	61.08 / 1.00	68.53 / 1.12
Cylinders - qty	1	1	3	3	3
Fuel Consumption - 100% prime gph	NA	NA	0.47 / 1.78	0.50 / 1.89	0.70 / 2.65
Fuel Consumption - 75% prime gph	NA	NA	0.35 / 1.32	0.38 / 1.44	0.53 / 2.01
Fuel Consumption - 50% prime gph	NA	NA	0.24 / 0.91	0.25 / 0.95	0.35 / 1.32
Battery Type - Group Number	AGM - L16	AGM - L16	24	24	24
Battery Voltage (Quantity per Unit)	6V / 8	6V / 8	12V / 1	12V / 1	12V / 1
Battery Rating	415AH	415AH	440 CCA	440 CCA	440 CCA
Generator					
Make/Brand	American Power	American Power	Marathon Electric	Marathon Electric	Marathon Electric
Model	MAG - 75INT - 28H	MAG - 75INT - 28H	201CSA5411	201CSA5411	201CSA5412
Type	NA	NA	Brushless	Brushless	Brushless
Insulation Class	NA	NA	F	F	F
Generator Set					
Output - Standby kW (kVA)	NA	NA	6 / 6	6 / 6	8 / 8
Output Voltage	NA	NA	120 / 240, single phase	120 / 240, single phase	120 / 240, single phase
Output Amperes 120V (240V) A	NA	NA	50 / 25	50 / 25	66 / 33
Frequency Hz	NA	NA	60	60	60
Power Factor	NA	NA	1 / 10	1 / 10	1 / 10
CSA Listed	No	No	Yes	Yes	Yes
Dimensions					
Length w/mast/panels stowed in (m)	141 / 3.58	141 / 3.58	170 / 4.32	170 / 4.32	170 / 4.32
Width in (m)	72 / 1.83	72 / 1.83	63 / 1.73	63 / 1.73	63 / 1.73
Width w/outriggers extended in (m)	113 / 2.87	113 / 2.87	140 / 3.56	140 / 3.56	140 / 3.56
Height w/mast stowed in (m)	109 / 2.77	109 / 2.77	70 / 1.78	70 / 1.78	70 / 1.78
Maximum height of towers ft (m)	25 / 7.6	25 / 7.6	30 / 9.14	30 / 9.14	30 / 9.14
Weights lbs (kg)					
Dry Weight	2670 / 1211	2718 / 1233	1675 / 760	1695 / 770	1712 / 777
Operating Weight	2720 / 1234	2826 / 1282	1888 / 856	1908 / 866	1925 / 874
Capacities					
Fuel Tank Volume gal (L)	7.9 / 29.9	16 / 60.6	30 / 114	30 / 114	30 / 114
Usable Fuel Volume gal (L)	7.9 / 29.9	16 / 60.6	30 / 114	30 / 114	30 / 114
Maximum Run Times hrs	NA	NA	64	60	43
Lighting					
Lumens	12,000	12,000	440,000	440,000	440,000
Coverage acres (m ²)	TBA	TBA	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)
AC Distribution					
Circuit Breaker Size	NA	NA	30	30	40
Voltage Regulation	NA	NA	Capacitor +/- 6%	Capacitor +/- 6%	Capacitor +/- 6%

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MLT4200IF4

Light Tower Specifications | 8kW - 20kW

Model	MLT4150M	MLT4200IF4	MLT5060M	MLT5060K	MLT5080K
Engine					
Make/Brand	Mitsubishi	Isuzu	Mitsubishi	Kubota	Kubota
Model	S4L2 - W461ML	4LE2TAGV - 03	L3E - W461ML	D1005-E3BG1-MGM-1	D1105-E3BG
EPA tier	Final 4	Final 4	Final 4	Final 4	Final 4
Aspiration	Natural	Turbo	Natural	Natural	Natural
Horsepower - prime hp (kW)	23.5 / 17.5	36.2 / 27.0	10.5 / 7.8	11.7 / 8.7	13.5 / 10.1
Horsepower - standby hp (kW)	24.7 / 18.4	40.2 / 30.0	12.2 / 9.1	13.1 / 9.8	15.4 / 11.5
Operating Speed rpm	1800	1800	1800	1800	1800
Displacement in ³ (L)	107.40 / 1.76	133 / 2.18	57.97 / 0.95	61.08 / 1.00	68.53 / 1.12
Cylinders - qty	4	4	3	3	3
Fuel Consumption - 100% prime gph	1.30 / 4.92	2.1 / 7.8	0.47 / 1.78	0.50 / 1.89	0.70 / 2.65
Fuel Consumption - 75% prime gph	0.98 / 3.71	1.58 / 5.98	0.35 / 1.32	0.38 / 1.44	0.53 / 2.01
Fuel Consumption - 50% prime gph	0.65 / 2.46	1.05 / 3.97	0.24 / 0.91	0.25 / 0.95	0.35 / 1.32
Battery Type - Group Number	24	24	24	24	24
Battery Voltage (Quantity per Unit)	12V / 1	12V / 1	12V / 1	12V / 1	12V / 1
Battery Rating	440 CCA	720 CCA	440 CCA	440 CCA	440 CCA
Generator					
Make/Brand	Marathon Electric	Marathon Electric	Marathon Electric	Marathon Electric	Marathon Electric
Model	333CSA3024	334CSA3028	201CSA5411	201CSA5411	201CSA5412
Type	Brushless	Brushless	Brushless	Brushless	Brushless
Insulation Class	F	F	F	F	F
Generator Set					
Output - Standby kW (kVA)	15 / 15	20 / 20	6 / 6	6 / 6	8 / 8
Output Voltage	120 / 240, single phase	120 / 240, single phase	120/240, single phase	120/240, single phase	120/240, single phase
Output Amperes 120V (240V) A	125 / 63	167 / 83	50 / 25	50 / 25	66 / 33
Frequency Hz	60	60	60	60	60
Power Factor	1 / 1Ø	1 / 1Ø	1 / 1Ø	1 / 1Ø	1 / 1Ø
CSA Listed	Yes	Yes	Yes	Yes	Yes
Dimensions					
Length w/mast/panels stowed in (m)	170 / 4.32	115 / 2.92	170 / 4.32	170 / 4.32	170 / 4.32
Width in (m)	68 / 1.73	68 / 1.73	79 / 2	79 / 2	79 / 2
Width w/outriggers extended in (m)	140 / 3.56	140 / 3.56	151 / 3.84	151 / 3.48	153 / 3.89
Height w/mast stowed in (m)	70 / 1.78	70 / 1.78	72 / 1.83	72 / 1.83	72 / 1.83
Maximum height of towers ft (m)	30 / 9.14	30 / 9.14	30 / 9.14	30 / 9.14	30 / 9.14
Weights lbs (kg)					
Dry Weight	2015 / 914	2105 / 955	2104 / 954	2104 / 954	2121 / 963
Operating Weight	2413 / 1095	2395 / 1086	2317 / 1051	2317 / 1051	2524 / 1145
Capacities					
Fuel Tank Volume gal (L)	56 / 212	50 / 190	56 / 212	56 / 212	56 / 212
Usable Fuel Volume gal (L)	56 / 212	50 / 190	56 / 212	56 / 212	56 / 212
Maximum Run Times hrs	43	24	119	112	80
Lighting					
Lumens	440,000	440,000	440,000	440,000	440,000
Coverage acres (m ²)	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)	5 - 7 (20,234 - 28,328)
AC Distribution					
Circuit Breaker Size	70	100	30	30	40
Voltage Regulation	Capacitor +/- 1%	Capacitor +/- 1%	Capacitor +/- 6%	Capacitor +/- 6%	Capacitor +/- 6%

Light Tower Specifications | 15kW

MLT5150M



**17 on a 48ft flatbed
19 on a 53ft flatbed**

Model	MLT5150M
Engine	
Make/Brand	Mitsubishi
Model	S4L2-W461ML
EPA tier	Final 4
Aspiration	Natural
Horsepower - prime hp (kW)	23.5 / 17.5
Horsepower - standby hp (kW)	24.7 / 18.4
Operating Speed rpm	1800
Displacement in ³ (L)	107.40 / 1.76
Cylinders - qty	4
Fuel Consumption - 100% prime gph	1.30 / 4.92
Fuel Consumption - 75% prime gph	0.98 / 3.71
Fuel Consumption - 50% prime gph	0.65 / 2.46
Battery Type - Group Number	24
Battery Voltage (Quantity per Unit)	12V / 1
Battery Rating	720 CCA
Generator	
Make/Brand	Marathon Electric
Model	333CSA3024
Type	Brushless
Insulation Class	F
Generator Set	
Output - Standby kW (kVA)	15 / 15
Output Voltage	120/240, single phase
Output Amperes 120V (240V) A	125 / 63
Frequency Hz	60
Power Factor	1 / 10
CSA Listed	Yes
Dimensions	
Length w/mast/panels stowed in (m)	170 / 4.32
Width in (m)	79 / 2
Width w/outriggers extended in (m)	151 / 3.84
Height w/mast stowed in (m)	72 / 1.83
Maximum height of towers ft (m)	30 / 9.14
Weights lbs (kg)	
Dry Weight	2160 / 980
Operating Weight	2563 / 1163
Capacities	
Fuel Tank Volume gal (L)	56 / 212
Usable Fuel Volume gal (L)	56 / 212
Maximum Run Times hrs	43
Lighting	
Lumens	440,000
Coverage acres (m ²)	5 - 7 (20,234 - 28,328)
AC Distribution	
Circuit Breaker Size	70
Voltage Regulation	Capacitor +/- 1%



**MLT6/8 - Flip-Hood
Full access for service**



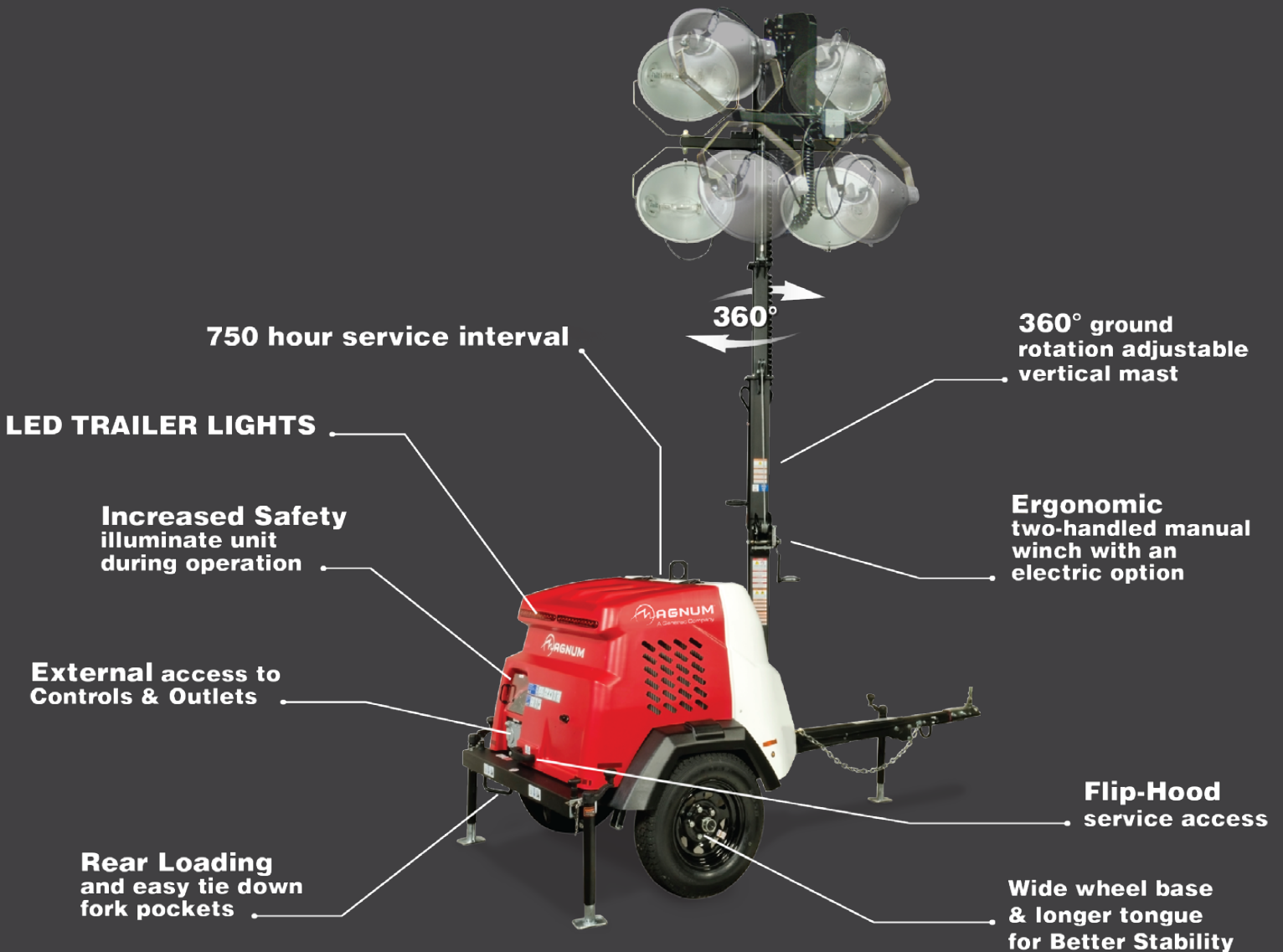
**Solar Hybrid
LED Lights standard**

*Specifications or design subject to change without notice.

The **MLT6** can run nonstop for nearly
four full days before needing fuel!

25% Longer Run Time.
Longest running vertical light tower in its class*

**When compared to standard light towers in same class*



215 Power Drive | Berlin, WI 54923 | 800-926-9768 | 920-361-4442 | www.magnumpower.com