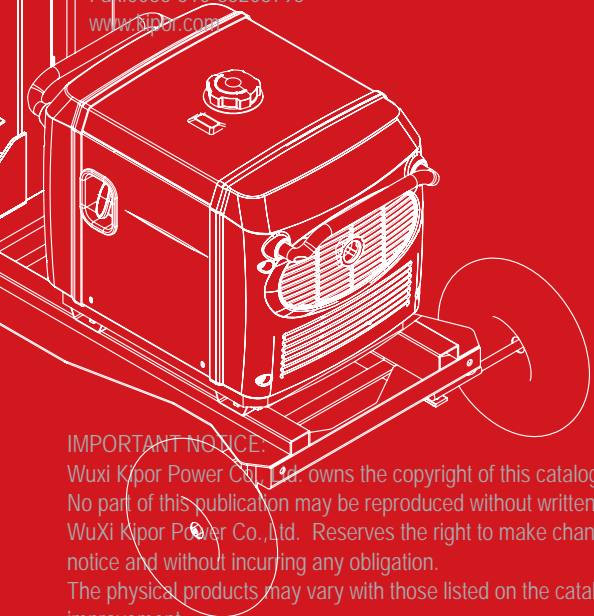


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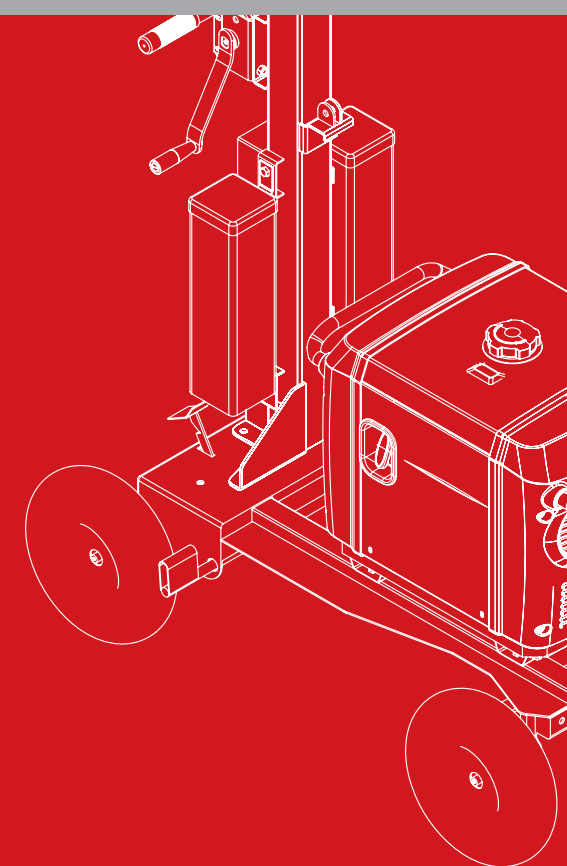
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MOBILE LIGHT TOWER SERIES

KIPOR®



MOBILE LIGHT TOWER SERIES

KIPOR Light tower



brings you light
whenever and



Wherever you need it.

After developing various types of back-up power systems, Kipor didn't stop its research and development into additional applications. To provide users more convenience and benefits, KIPOR recently enhanced the capability of industrial machinery with new power systems.

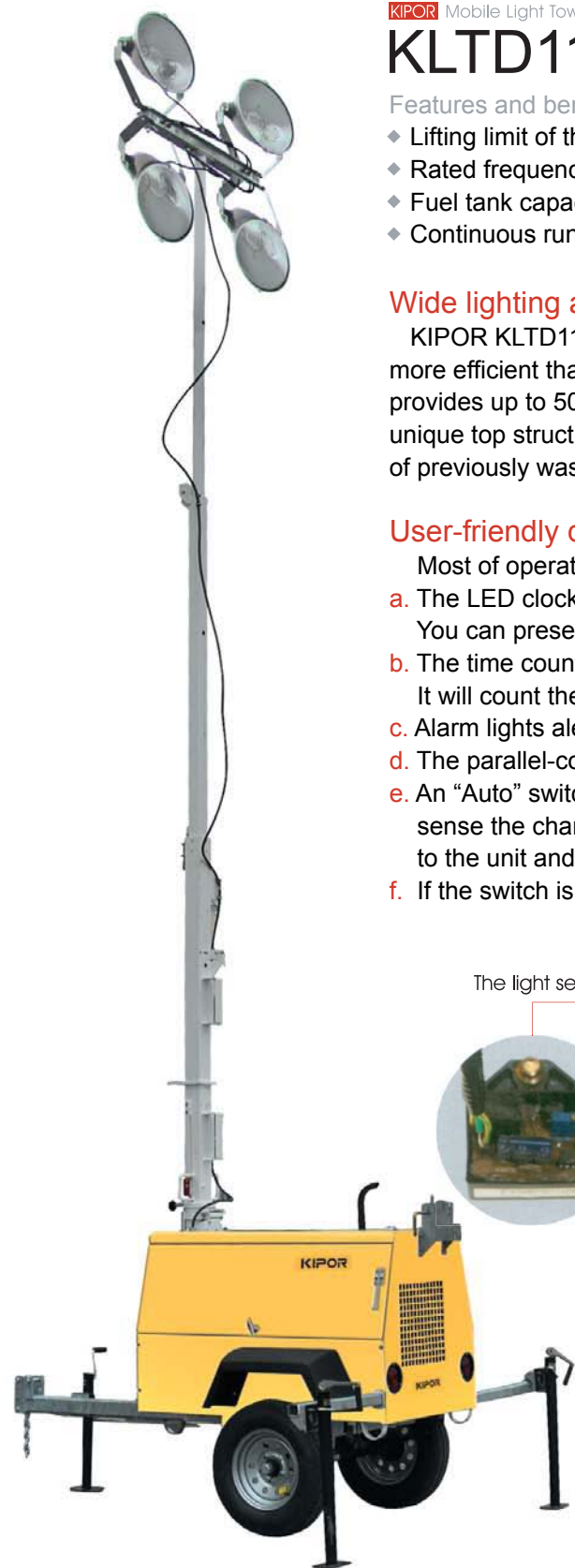
The KIPOR mobile light towers can be applied for diverse applications such as construction sites, emergency, industrial, mining, civil engineering and special event lighting.

All of the light towers are equipped with either Kipor high quality digital or conventional generators.

The newly launched mobile light towers feature strong wind-proof abilities and a large area of illumination.

KIPOR'S compact mobile light tower is equipped with 1000, 4000 or 6000 watt qualified halide lights which are designed for a compact and efficient installation. You can choose a suitable power level light according to your requirements.

Both the telescoping mast and the illumination angle of the light tower can be adjusted easily. The tower is designed as user-friendly for operation and handling. ■



KIPOR Mobile Light Tower

KLTD11000T

Features and benefits:

- ◆ Lifting limit of the mast (mm):4400-7800/4400-7800
- ◆ Rated frequency (Hz): 50/60
- ◆ Fuel tank capacity (L):70
- ◆ Continuous running time (hr):23/25

Wide lighting area

KIPOR KLTD11000T applied parallel lamp structure is more efficient than competitive lighting systems and provides up to 50% more light output. In addition, the unique top structure of the lamp shade directs up to 10% of previously wasted skyward light to the work site.



User-friendly designed operation

Most of operation of the light tower can be controlled from one control panel.

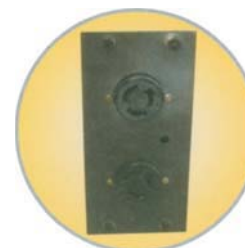
- The LED clock
You can preset the starting time of the light tower.
- The time counter
It will count the total running time of the light tower.
- Alarm lights alert the operator to any unsatisfactory condition immediately.
- The parallel-connected lamps give you more lighting options.
- An "Auto" switch position and then the "Photo eye" position enables the light tower to sense the change of ambient light. As light diminishes, the light sensor will send a signal to the unit and the light tower automatically starts.
- If the switch is in the "Timer" position, the user can preset the starting time of the light tower.

The light sensor



Captive tower latch and self-locking stabilizers

Eliminates need for troublesome pins.



Compact engine-generator structure

KLTD11000T incorporates an 1800 rpm liquid-cooled diesel engine coupled to a 6 KW generator. Direct injection ensures a low engine noise level. The unique air fan provides excellent cooling performance as well as reduced engine noise.

The fold-up doors and side panels provide necessary ruggedness to meet the demands of the job site.

Easy for transport

The light tower is equipped with automotive quality wheels and tires suitable for any road surface. A connecting hitch and steel cable is provided for connecting to towing vehicles.



Dual application

The generator inside the light tower can be used as back-up power for emergency applications.

There are two receptacles on the mast of the light tower. You can switch off the lights and then connect another electrical load to get a quality power output from the generator. The receptacles can be configured to your voltage requirements of 110V, 120V, 230V or 240V.

KIPOR Mobile Light Tower

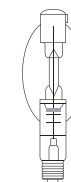
IGLB6000 IGLB3000

Features and benefits:

- ◆ Lifting limit of the mast (mm): 2800-7200/2000-4840
- ◆ Rated frequency (Hz): 50/60
- ◆ Fuel tank capacity (L): 22/13
- ◆ Continuous running time (hr): 8/7

Advantages of Halide Lamp

Internal Structure of Metal Halide Lamp



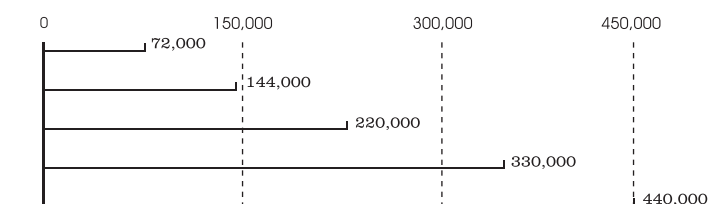
General Iodine-tungsten Lamp



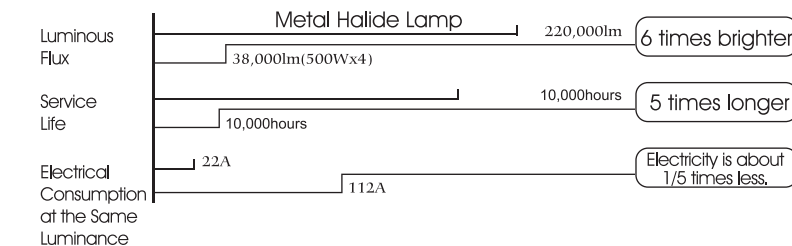
The lumination of the metal halide lamp produces light through the electrical discharge of its internal gasses. Therefore, there is no worry about filament breakage and a longer service life is achieved.

Contrarily, an Iodine-tungsten lamp gives light by charging the filament which will easily break or deteriorate over time. The lamp cannot be used again once the filament breakage has occurred.

Luminance Contrast



Performance Contrast between Metal Halide Lamp and Iodine-tungsten Lamp (Tungsten Halogen Lamp) a 2200 watts.



Generator Model		IGLB3000		IGLB3000		IGLB6000	
Floodlight Model		KLB400-4		KLB1000-2		KLB1000-4	
Generator Model	Model Type	IG3000		IG3000		IG6000	
	Rated Frequency (Hz)	50	60	50	60	50	60
	Rated Voltage (V)	220	115/230	220	115/230	220	115/230
	Rated output (kVA)	2.8		2.8		5.5	
	Max output (kVA)	3.0		3.0		6.0	
	Fuel	Gasoline		Gasoline		Gasoline	
	Fuel consumption (L/hr)	1.8		1.8		2.7	
	Fuel tank capacity (L)	13		13		22	
	Continuous running time (hr)	7		7		8	
	Net weight (kg)	60		60		90	
Trolley tower	Lamp power W-bulb number	400-4		1000-2		1000-4	
	Total power of the lamps (W)	1600		2000		4000	
	Luminous flux (lm)	144000		220000		440000	
	The Mast	4 stages lifting mast		4 stages lifting mast		4stages lifting mast	
	Lifting limit of the mast (mm)	2000-4840		2100-4990		2100-4990	
	Dimension (LxWxH) mm (after retreat)	1180x790x2000		1180x790x2100		1450x1000x2800	
	Inclination	≤ 10 degrees		≤ 10 degrees		≤ 10 degrees	
	Windproof ability	≤ 6 grade		≤ 6 grade		≤ 6 grade	
	Net weight (kg)	135		140		220	

Generator Model		IGLA3000	
Floodlight Model		KLA1000-1	
Generator Model	Model Type	IG3000	
	Rated Frequency (Hz)	50	60
	Rated Voltage (V)	220	115/230
	Rated output (kVA)	2.8	
	Max output (kVA)	3.0	
	Fuel	Gasoline	
	Fuel consumption (L/hr)	0.9	
	Fuel tank capacity (L)	13	
	Continuous running time (hr)	13	
	Net weight (kg)	60	
Trolley tower	Lamp power W-bulb number	1000-1	
	Total power of the lamps (W)	1000	
	Luminous flux (lm)	110000	
	The Mast	4stages lifting mast	
	Lifting limit of the mast (mm)	2300-5190	
	Dimension (LxWxH) mm (after retreat)	1180x790x2300	
	Inclination	≤ 10 degrees	
	Windproof ability	≤ 6 grade	
	Net weight (kg)	150	

Specification

Our life with KIPOR....

KIPOR Mobile Light Tower

Model		KLTD11000T	
Trolley model		KLT1500-4	
Generator set	Generator set model	KDE11T	
	Rated frequency (Hz)	50	60
	Rated voltage (V)	230	240
	Rated power (kVA)	8.5	10.5
	Max. power (kVA)	9.5	11.5
	Fuel	Diesel	
	Fuel consumption (L/hr)	≤340	
	Fuel tank capacity (L)	70	
	Continuous running time (hr)	35	
	Net weight (kg)	-	
Trolley Tower	Lamp power (W)	6000	
	W-bulb number	1500-4	
	Luminous flux (lm)	660000	
	Mast	Trailer type, three stages electric lifting mast	
	Lifting limit of the mast (mm)	3400	
	Dimension (LxWxH) mm (after retreat)	3600 X 1250 X 1680	
	Inclination	≤ 10 degrees	
	Windproof ability	≤ 6 grade	
	Dry weight (kg)	700	