



Ramasis Energy[®]

Expertise Worldwide



*"Turnkey solution of the Portable Telescopic
Mobile Tower Lights with AC Genset"*



Ramasis Energy is one of the largest manufacturers of Portable mobile lighting towers worldwide. We provide flexible lighting and power solutions that go where you need them, Mobile Light Towers have been designed in a way that makes them durable as well as energy efficient, we also offer our customers the ability to customize the lighting tower to best suit their requirements. They are used around the world. It's all products under the brand name of "Ramasis", Turnkey customized solutions and system integration are our strengths, which are justified on the ground of technological "Expertise Worldwide".

The application is used for Coal Mining, Open Mining, Military Operations, Ports and shipyards, Oil and Gas Sites, Infrastructure / Roadwork, Base Camps, Outdoor Events Commercial Construction, etc.

Key Specifications/Special Features:

- ▶ Light tower from 3.5 KVA-20 KVA available.
- ▶ Adjustable, fully rotational Telescoping mast height of 4 to 12 Meters.
- ▶ Lightweight, compact size, & easy for transportation.
- ▶ One-touch start & stop.
- ▶ Simple analog controls are easy to use and allow for individual light operation.
- ▶ Engine protection device available.
- ▶ Trolley with three jacks and towing hook.
- ▶ Luminaries can be rotated 360 deg. to provide light in any direction.
- ▶ Sufficient Lighting hours.
- ▶ International style and design.
- ▶ Fuel-efficient engines & Easy maintenance.
- ▶ Low oil pressure/ high-temperature automatic shutdowns.
- ▶ User-friendly equipment.

Technical Specification of Portable Telescopic Emergency Mobile Tower Light System:

Category Name	Item Description	Technical Specification			
General	Brand	RAMASIS			
	Rating of MLT	3.5 KVA MLT	5 KVA MLT	7.5 KVA MLT	8 KVA MLT
	Model No.	REL-ACGMLT-203.5	REL-ACGMLT-2005	REL-ACGMLT-2007.5	REL-ACGMLT-2008
DG Set	Rating of Generator set (in KVA) (Minimum)	3.5 KVA	5 KVA	7.5 KVA	8 KVA
	Number of cylinder in the Engine	1 Cylinder	1 Cylinder	2 Cylinder	2 or 3 Cylinder
	Minimum continuous working hours	12 hours	12 hours	12 hours	30 hours
	Gen set fuel tank capacity (Minimum) - in liters	14 litres	20 litres	40 litres	80 litres
	Cooling Mechanism	Air Cooled/Water Cooled			
	Type of fuel	Petrol/Diesel	Diesel		
	Engines shall conforming	IS:7347/1974 (Reaffirmed in 2006) latest			
	Alternator shall conforming	IS: 13364 (Part 1)/1992 (Reaffirmed 2003) latest			
Tower Construction	Height of Telescopic Mast with a light source	4 to 12 Meter			
	Material of Telescopic Mast Construction	Mild steel/Galvanised Iron			
	Minimum thickness of Telescopic Mast	3 to 5 mm			
	Method of step up & step down of Mast	Winch Mechanism/Manual/Motorised			
	Step up & step down time of Telescopic Mast	</=5 Minutes			
	No. of telescopic section	3 to 7 mm			
	Towing arrangement for trolley	Yes			
	Rotating facility for lighting tower	Both Clock Wise and anticlockwise			
	Structure material of the trolley	MS Channel/Angle/Plates framework			
	No. of wheels on the trolley (in Nos.)	2 to 4			
	Tyre of tyre	Pneumatic Tires			
	No. of riggers (stay jack).	4			
	The strength of the Telescopic Mast wind speed	80 to 105 Km/hr			
LED Luminary Construction	Minimum System Lumens	>80000			
	IP rating of LED Luminaire	IP67			
	Minimum System Lumens	>80000			
	LED Luminaire conformity	IS: 16107 (Part 2/Sec 1):2012 Latest			
	Color temperature (+/-500K)	6000K			
	Working life for LED	>/= 50,000 burning hours			
	Optic lenses material (UV stabilised)	Poly carbonate lens			
	Operating temperature range	5 deg C to 55 deg C			
Reports & Certification	Test Report and Certification as per relevant IS.	CPBC/ARAI/NABL Accredited (NABL Report of Complete System)			
Weight of complete system	Weight of complete system in Kg	</=1500 Kg			
Warranty	Warranty for complete system	1 Year			



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Thank You for Your Business!