



## LIGHT TOWER 6x320 W MULTILED WITH FAST TROLLEY AND STAGEV GENERATOR

Reference: TF6X320W

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Lighting Tower with Kohler KDI 1903 M StageV Diesel engine, equipped with slow tow and hydraulic lifting system with 6 320W multi Led floodlights.

The 6x320W LED Lighting Tower with road cart and Stage V generator is a powerful portable lighting system. Equipped with six LED lights of 320 watts each, it offers intense and uniform brightness. The road trolley allows for easy moving and positioning, while the Stage V generator ensures optimal energy efficiency. Ideal for construction sites, outdoor events and situations where powerful mobile lighting is needed.

With 6 LED floodlights, the tower can illuminate an area of 7800 square meters with a maximum light intensity of 249000 lm. The Lighting Tower is equipped with a galvanized mast with a hydraulic lifting system that allows the floodlights to be raised to a maximum height of 8.5 m

The Lighting Tower is equipped with electric start with 12 V battery, and is equipped with DeepSea L401 MKII control unit that allows to display of all electrical parameters of the engine and generator, functions, statuses of the generator set, manage the set entirely and display, in case they occur, errors or alarms of the system.

The slow transport trolley integrated into the structure of the Lighting Tower makes it very easy to transport or relocate it. The compactness and strength of this tower make it ideal for use in areas with extreme weather conditions.

The Lighting Tower comes complete with:

- Twilight sensor with self-ignition;
- Battery disconnect

### EMISSION REGULATIONS STAGEV

The genset is equipped with STAGEV "mobile" motorization, as required by European Regulation 2016/1628. These new motorizations make it possible to exponentially reduce the emissions of particulate matter and nitrogen oxides delivered by the generator into the environment, and ensure a 200% reduction in environmental impact compared to standard motorizations.

### LIGHTING TOWER TECHNICAL SPECIFICATIONS

Number of lights: 6  
Lamp power: 320 W LED  
Lumen: 249000 lm  
Illuminated area: 7800 square meters  
Phase type: Single phase/Triphase

Maximum power: 20 KW  
 Voltage: 230/400 V  
 Frequency: 50 Hz  
 Control unit: Deep Sea L401 MKII  
 Socket Panel: 1 x scuko 16A 230V - 1 x 16A 230V 3P - 1 x 32A 400V 5P  
 Engine: Kohler KDI 1903 M  
 Fuel: Diesel  
 RPM: 1500rpm  
 Coolant: Liquid  
 Emission standard: Stage V  
 Alternator: Mecc Alte ECP28-M/4  
 Tank capacity: 250 l  
 Autonomy: 108 h at 50% load  
 Consumption: 2.3 l/h at 50% load  
 Maximum height: 8.5m  
 Lifting system: Hydraulic  
 Rotation: 350°  
 Wind resistance: 110km/h  
 Trolley: Road Towing Trolley  
 Outriggers 4 + 1 (wheels)  
 Dimensions closed (WxLxH): 3200 x 1500 x 2500 mm  
 Dimensions open (WxLxH): 3200 x 1500 x 8500 mm  
 Dry weight: 1100 Kg

Are you looking for a light tower with different characteristics? [HERE](#) you can find the entire range of ITALTOWER towers or other specialized brands.

The images and technical data are not binding and may be subject to revisions by the manufacturer

## Technical Sheet

Phase	Single phase / Three phase
Maximum power single phase (KW)	20
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230 / 400
Sockets configuration	1 x scuko 16A 230V - 1 x 16A 230V 3P - 1 x 32A 400V 5P
Engine	Kohler KDI 1903 M
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Number cylinders	3
Cooling	Coolant Liquid
Alternator	Mecc Alte ECP28-M/4
Type of lamps	LED
Lamps	6 x 320 W
Telescopic pole	Vertical
Illuminated area (m <sup>2</sup> )	7800

Total lumens (Lm)	249000
Lifting System	Hydraulic lifting system
Maximum height (m)	8.5
Mast rotation	350°
Open size (mm)	3200 x 1500 x 8500
Closed size (mm)	3200 x 1500 x 2500
With generator / Without generator	With generator
Transportability	Fast Trailer
Stability to wind (Km/h)	110
Fuel tank capacity (L)	250
Consumption (L/h)	2.3 at 50% load
Running time (h)	108 at 50% load
Voltage regulator	AVR
Engine manufacturer	Kohler
Weight (Kg)	1100