



LIGHTING TOWER 6x320 W MULTILED WITH 60HZ GENERATOR AND APPROVED TROLLEY

Reference: TF6X36060HZ

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The Lighting Tower is equipped with Yanmar 3TNM68 Diesel engine at 1800 rpm, capable of delivering 6KW power to serve 6 320W LED Lamps.

One of the distinguishing features of this model is its compact design combined with remarkable strength, making it ideal for operations in challenging environments.

Safety is a crucial element in the design, with attention to the smallest details to ensure easy and effective operation. The head of the LED beacons is made of a high-strength IP67-rated die-cast aluminum body, with a service life of 85,000 hours. Lifting of the pole is controlled through an AMOSS Kit motor and a galvanized pole with a hydraulic lifting system, allowing a maximum height of 8.5 meters.

A safety kit inhibits pole lifting when the hand brake is not engaged, providing additional safety during use. In addition, the pole can be rotated 350° easily thanks to two ergonomic handles, while the four high-reach outriggers with a wheel on the tiller increase maneuverability.

An advantageous aspect of this Lighting Tower is its versatility in power supply. Thanks to the grid/group selector switch, it can be supplied by either an external grid or the built-in generator, offering more flexibility in different operating situations.

The type-approved truck is designed for use on European and non-ECE roads. The 110-liter fuel tank is housed within a reservoir that has a capacity of 110%, ensuring safety during travel. In conclusion, the 6x320 W Multiled Lighting Tower with 60Hz generator and approved trolley offers excellent performance, reliability and versatility, adapting perfectly to the needs of mining sites and other activities in challenging environments.

LIGHTING TOWER TECHNICAL SPECIFICATIONS

Number of lights: 6
Lamp power: 320 W LED
Lumen: 249200 lm
Illuminated area: 7800 square meters
Phase type: Single phase
Maximum power: 6 KW
Sound Pressure: 61dB(A) @ 7m
Voltage: 110V
Frequency: 60Hz
Control unit: DeepSea L401 MKII
Auxiliary power supply: 1.3 kVA

Motor: Yanmar 3TNM68
 RPM: 1800rpm
 Coolant: Liquid
 Emission standard: Non-emitting
 Alternator: Linz Alumen
 Fuel: Diesel
 Tank capacity: 110 l
 Autonomy: 183 h
 Consumption: 0.60 l/h
 Maximum height: 8.5 m
 Lifting system: Hydraulic
 Rotation: 350°
 Wind resistance: 110km/h
 Trolley: Road trolley (EU standard)
 Outriggers 4 + 1 (wheels)
 Dimensions closed (WXPXA): 2350 X 1470 X 2400 mm
 Dimensions opened (WXDXH): 2350 X 1470 X 8500 mm
 Dry weight: 900 Kg

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

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	6
Fuel	Diesel
Frequency (Hz)	60
Voltage (V)	110
Engine	Yanmar 3TNM68
Emissions Regulations	Not Emitted
Engine rpm (rpm)	1800
Engine capacity (cm ³)	686
Number cylinders	2
Cooling	Coolant Liquid
Alternator	Linz Alumen SB
Type of lamps	MULTILED
Lamps	6 x 320 W
Telescopic pole	Vertical
Illuminated area (m ²)	7800
Total lumens (Lm)	249300
Lifting System	Hydraulic lifting system
Maximum height (m)	8.5
Mast rotation	350°

Open size (mm)	2350 X 1470 X 8500
Closed size (mm)	2350 X 1470 X 2400
With generator / Without generator	With generator
Transportability	Fast Trailer
Stability to wind (Km/h)	110
Fuel tank capacity (L)	110
Consumption (L/h)	0.6
Running time (h)	183
Acoustic pressure	61 dB(A) at 7.5 m
Weight (Kg)	900