



LTN5Y

Light Towers with LED lamps

Portable, independent lighting for large construction sites

Thanks to its powerful LED panels, the Light Tower LTN5Y provides bright lighting, similar to daylight, for large areas. The tower can be easily raised and lowered at the press of a button. With the help of a light sensor and a timer, the operating hours can be automatically controlled as required. The trailer with road approval and the installed diesel generator make the LTN5Y a mobile, independent light source for illumination during road and bridge construction, concreting work, in parking lots, and at events.

Highlights

- LED lamps with large illumination area
- Weight under 750 kg
- AMOSS security system
- Intuitive control panel
- Three operating modes
- Wind sensor

Technical Data

■ Electrical - Output Details

Output current	15.2 A
Output voltage	230.0 V
Output frequency	50.0 Hz
Phase	1.0 ~
Output Nominal power [S]	1.90 kVA
Aggregate continuous power 1~ (COP)	3.5 KW

Nominal power 3.5 kVA

Earthing system IT

Generator Manufacturer Linz Electric

Generator specification Brushless

■ Engine

Cooling Water-cooling

Engine type Diesel engine

Engine operating mode four-stroke

Cylinder 2.0

Cylinder capacity 570.0 cm3

Fuel Diesel EN 590

Tank capacity 105.0 l

Power rating max. 6.1 KW

Engine speed (Power max.) 2,000.0 1/min

Standard (Power max.) SAE J1995

Effective power 5.9 KW

Nominal Engine speed 1,500.0 1/min

Standard (Effective power) ISO 3046-1

Exhaust-gas limit EU Stage V

Engine Manufacturer Yanmar

■ Mechanical Details

Length	2,620.0 mm
Width	1,165.0 mm
Height	2,700.0 mm
Operating Weight (with Trailer)	695.0 kg
Luminous spot height max.	8,200.0 mm

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Exhaust-gas limit EU Stage V

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■ Generator

Generator type	ALUMEN SB
Insulation class	H
Output current 1~	15.2 A
Output voltage	230.0 V
Output frequency	50.0 Hz

The illustrations, equipment and data shown may deviate from the current delivery program of your country. Optional equipment subject to additional charge may be shown. Subject to changes.

Engine Designation	2TNV70	Receptacle Type	CEE7/3 (Typ F) 230V 16A 1~
■ Environment Data			
Degree of protection	IP44	Number of Sockets	1.0
■ Electrical System			
Main Circuit Breaker Rating	6.0 A	Oil specification	API-CD
Earth Leakage Circuit Breaker	10.00 A	Fuel consumption (Lights only)	0.9 L/hr
Lighting appliances	400W (LED)	Run Time (Lights only)	124.0 hrs
Bulb power	1,600.0 W	■ Lighting - Output Details	
		Luminous flux	224,000.0 lm