



LTN4Y

Light Towers with LED lamps

Portable, independent lighting for large construction sites

Thanks to its powerful LED panels, the Light Tower LTN4Y provides bright lighting, similar to daylight, for large areas. The trailer and the installed diesel generator make the LTN4Y 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
- Intuitive control panel
- Robust housing
- Forklift lugs

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

■ Mechanical Details

Length	2,580.0 mm
Width	1,165.0 mm
Height	2,715.0 mm
Operating Weight (with Trailer)	665.0 kg
Luminous spot height max.	8,200.0 mm
Mast height max.	7.8 m

■ Generator

Generator type	• ALUMEN SB
Insulation class	• H
Output current 1~	15.2 A
Output voltage	230.0 V
Output frequency	50.0 Hz
Nominal power	3.5 kVA

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
Engine Designation	• 2TNV70

■ Environment Data

Degree of protection	• IP44
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■ **Electrical System**

Main Circuit Breaker Rating	6.0 A
Lighting appliances	• 400W (LED)
Bulb power	1,600.0 W
Receptacle Type	• CEE 3P 16A 6h 230V 50Hz
Number of Sockets	1.0

■ **Operating Fluids**

Oil specification	• API-CD
Fuel consumption (Lights only)	0.9 l/h
Run Time (Lights only)	124.0 hrs

■ **Lighting - Output Details**

Luminous flux	224,000.0 lm
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