



LTN4Y SA

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 cont. Power1~ (COP)	3.5 KW

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

Kraftstofftyp 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

■ Mechanical Details

Length	2,930.0 mm
Width	1,600.0 mm
Height	2,545.0 mm
Operating Weight (w. Trailer)	840.0 kg
Operating weight	580.0 kg
Luminous spot height max.	8,200.0 mm
Mast height max.	8.0 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

■ Environment Data

Degree of protection	IP44
■ Electrical System	
Main Circuit Breaker Rating	6.0 A
Lighting appliances	400W (LED)
Bulb power	1,600.0 W
Receptacle Type	BS 546 (Type M) 230V 15A 1~

Number of Sockets 1.0

■ Operating Fluids

Oil specification	API-CD
Fuel consumption (Lights only)	0.9 L/hr
Run Time (Lights only)	124.0 hrs

■ Lighting - Output Details

Luminous flux	224,000.0 lm
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