

LTN5Y SA

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

Mechanical Details

Length	2,930.0 mm
Width	1,600.0 mm
Height	2,545.0 mm
Operating Weight (with Trailer)	850.0 kg
Operating weight	590.0 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
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 cm^3
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

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Exhaust-gas limit	EU Stage V
Engine Manufacturer	Yanmar
Engine Designation	2TNV70

Environment Data

Degree of protection	IP44

Electrical System

Main Circuit Breaker Rating	6.0 A
Earth Leakage Circuit Breaker	10.00 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/h
Run Time (Lights only)	124.0 hrs

Lighting - Output Details

Luminous flux	224,000.0 lm

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