



**WACKER  
NEUSON**  
*all it takes!*

## LTN5Yp

### 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                          | 2,620.0 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 |
| 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        |

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.

■ **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                 |
| Kind of plug                  | CEE-Plug 2P+E 16A 230V 6H |

|                   |                            |
|-------------------|----------------------------|
| Receptacle Type   | CEE7/3 (Typ F) 230V 16A 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 |
|---------------|--------------|