



DATASHEET TAG BUILDING SITE LAMP NITRA – P/N° 7V2475.45



DID YOU KNOW..

The “LAMPADA CANTIERE EURONITRA” TAG (WORK LAMP) is the device of the innovative LETismart system, that allows communication between the work lamp and the white cane, usually supplied to blind / visually impaired citizens, integrated with the VOCE system. The bi-directional communication allows the user to receive the audio information, regarding the presence of **temporary danger work in progress** (specifying if it is a **stop danger** or a **transitable danger**), from the cane and, if necessary, to "activate" an acoustic warning device (like hammer on ceramic) indicating the location of the work lamp. The radio interface sends the encrypted communication on the 868Mhz LoRa band to make the system safe and it uses a dedicated protocol, to avoid overlapping between the various devices.

SUPPORTED LANGUAGES



RECOMMENDATIONS

- Any replacement, updates, or maintenance must be carried out by a n authorized LETismart service center.

TECHNICAL FEATURES

DEVICE

- | | |
|-------------------------------------|--|
| • Power supply | 2pcs 6V H4R25 7-50Ah batteries |
| • TAG energy consumption (stand-by) | 200mW (sentence transmission and waiting for VOCE commands) |
| • TAG energy consumption (active) | 600mW (active sound system) |
| • Description | LETismart NITRA LED double-sided / red / with bracket work lamp |
| • Radio connection | Wireless LoRa |
| • Transmission band | ISM – 868MHz |
| • Access key | Nikokey |
| • Buzzer volume level | 85dB at 10cm |
| • Sound indication | STOP/DANGER Adjustable |
| • Switch | On/Off; flashing/steady/twilight light |
| • Flash rate | 60-70 fl./ min |
| • Light colour (type) | Red (LED) |
| • Eff. light intensity | double-sided 15cd |
| • Lens diameter | 180mm adjustable head |
| • Size (LxWxH) | 185x90x350 mm |
| • Fixing | On poles and barriers with fixed bracket |
| • Package | 8 lamp each box/200 boxes on a pallet |

LETismart TAG LAMPADA DA CANTIERE DETAILS

PRODUCT CERTIFICATION

The product is homologated according to the technical supply conditions for work lamps and it complies with:

- Class L3 according to EN 12352 (Double sided)

TAG device is compliant with:

- ETSI EN 300 220-1 V3.1.1 + ETSI EN 300 220-2 V3.1.1 for the radio transmission part
- ETSI EN 301 489-1 V 1.9.2 + ETSI EN 301 489-3 V 1.6.1 for electromagnetic compatibility
- EN62368-1:2014 + AC2015
- EN 50385:2017
- RED 2014/53/EU Directive

DURATION WITH BATTERY SUPPLIED

- with PREMIUM 6V H4R25 7-9Ah battery: fixed light 450 hours, flashing light 1750 hours
- with KOSTANT 25 6V 25-28Ah battery: fixed light 1000 hours, flashing light 3500 hours
- with KOSTANT 45 6V A45-50h battery: fixed light 1300hours, flashing light 4500hours

OPERATING INSTRUCTIONS

Battery replacement is simple and quick: simply use the appropriate opening key, without having to dismantle the lamp. The on/off and fixed/flashing controls remain the usual ones. On the tag it is immediately visible the switch to select the text of the message:
Pos.1) =STOP DANGER CONSTRUCTION SITE (default setting)
Pos.2) =CROSSABLE DANGER, CONSTRUCTION SITE

USE

Temporary signage is integrated with a fixed red signal lamp for pedestrian safety. It is located on the construction site barriers every 1,5mt.

The LETismart system helps the visually impaired people and can be perfectly integrated to systems to overcome perceptual barriers.

Examples of use (depending on the **specific country** regulations):

- barriers
- delimitation panels
- cones
- construction site fencing
- folding signs
- fall protection