



## DATASHEET LETIsmart LAMPADA CANTIERE EURONITRA – P/N° 7V2475.44



### DID YOU KNOW...

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

### SUPPORTED LANGUAGES



### ADVICE

- Any replacement, updates, or maintenance must be carried out by an authorized LETIsmart service center.

### TECHNICAL FEATURES

#### DEVICE

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>Power supply</li> <li>TAG energy consumption (stand-by)</li> <li>TAG energy consumption (active)</li> <li>Description</li> </ul>                      | <p>2pcs 6V H4R25 7-50Ah batteries<br/> <b>200mW (sentence transmission and waiting for VOCE commands)</b><br/> <b>600mW (active sound system)</b></p> <p><b>Single-sided/red/with bracket EURO-NITRA LETIsmart work led lamp</b></p> <p><b>Wireless LoRa ISM – 868MHz</b></p> <p><b>Nikokey 85dB at 10cm</b></p> <p><b>STOP/DANGER Adjustable On/Off; flashing/steady/twilight light</b></p> <p><b>60 fl./ min</b></p> <p><b>Red (LED)</b></p> <p><b>Single-sided 22cd</b></p> <p><b>200mm, adjustable head</b></p> <p><b>185x90x350 mm</b></p> <p><b>On poles and barriers with fixed bracket</b></p> <p><b>8 lamp per box/200 boxes on a pallet</b></p> |
| <ul style="list-style-type: none"> <li>Radio connectivity</li> <li>Transmission band</li> <li>Access key</li> <li>Buzzer volume levels</li> <li>Sound indications</li> <li>Switch</li> </ul> |   |
| <ul style="list-style-type: none"> <li>Flash rate</li> <li>Light colour (type)</li> <li>Eff. light intensity</li> <li>Lens diameter</li> <li>Size (LxWxH)</li> <li>Fixing</li> </ul>         |   |
| <ul style="list-style-type: none"> <li>Package</li> </ul>  |   |

## LETIsmart TAG LAMPADA DA CANTIERE DETAILS

### PRODUCT CERTIFICATION

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

- Class 1 (single-sided)
- Class L6 according to EN 12352

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 150 hours lamp light 400 hours

with KOSTANT 25 6V 25-28Ah battery  
 fixed light 800 hours lamp light 2500 hours

with KOSTANT 45 6V A45-50h battery  
 fixed light 1000hours lamp light 3000hours

### OPERATING INSTRUCTIONS

Battery replacement is simple and quick: it is sufficient to use the appropriate opening key without having to dismantle the lamp. The on / off and fixed / flashing controls remain the usual ones. Also on the tag it is well highlighted 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 signs used with a fixed red signal lamp for pedestrian safety, located on the construction site head barriers.

The LETIsmart system helps the visually impaired to overcome perceptual barriers.

Examples of use (depending on the **specific country** regulations): on barriers, delimitation panels, cones, construction site fencing, folding signs and fall protection.



## DATASHEET LETIsmart TAG LAMPADA CANTIERE NITRA – P/N° 7V2475.45



### DID YOU KNOW..

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

### SUPPORTED LANGUAGES



### ADVICE

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

### TECHNICAL FEATURES

#### DEVICE

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

### LETIsmart TAG LAMPADA DA CANTIERE DETAILS

#### PRODUCT CERTIFICATION

The product is homologated according to the technical supply conditions for work lamps and 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 flash light 1750 hours

with KOSTANT 25 6V 25-28Ah battery  
fixed light 1000 hours flash light 3500 hours

with KOSTANT 45 6V A45-50h battery  
fixed light 1300hours flash light 4500hours

#### OPERATING INSTRUCTIONS

Battery replacement is simple and quick: it is sufficient to use the appropriate opening key without having to dismantle the lamp. The on / off and fixed / flashing controls remain the usual ones. Also on the tag it is well highlighted 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 signs used with a fixed red signal lamp for pedestrian safety, located on the construction site head barriers.

The LETIsmart system helps the visually impaired to overcome perceptual barriers.

Examples of use (depending on the **specific country** regulations): on barriers, delimitation panels, cones, construction site fencing, folding signs and fall protection.



## DATASHEET LETsmart TAG LAMPADA CANTIERE MONOLIGHT-P/N° 7V2475.46



### DID YOU KNOW...

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

### SUPPORTED LANGUAGES



### ADVICE

- Any replacement, updates, or maintenance must be carried out by an authorized LETsmart service center.

### TECHNICAL FEATURES

#### DEVICE

- Power supply: **1pc 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: **LETsmart MONOLIGHT LED double-sided / red / bracket work lamp**
- Radio connectivity: **Wireless LoRa**
- Transmission band: **ISM – 868MHz**
- Access key: **Nikokey**
- Buzzer volume levels: **85dB a 10cm**
- Sound indications: **STOP/DANGER Adjustable On/Off; flashing/steady/twilight light**
- Switch: **60-70 fl./ min**
- Flash rate: **Red (LED)**
- Light colour (type): **Double sided 15cd**
- Eff. light intensity: **180mm, adjustable head**
- Lens diameter: **185x120x340 mm**
- Size (LxWxH): **On poles and barriers with fixed bracket**
- Fixing: **8 lamp per box/200 boxes on a pallet**
- Package

### LETsmart TAG LAMPADA DA CANTIERE DETAILS

#### PRODUCT CERTIFICATION

The product is homologated according to the technical supply conditions for work lamps and 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 150 hours lamp light 380 hours

with KOSTANT 25 6V 25-28Ah battery  
fixed light 800 hours lamp light 2300 hours

with KOSTANT 45 6V A45-50h battery  
fixed light 800hours lamp light 2300hours

#### OPERATING INSTRUCTIONS

Battery replacement is simple and quick: it is sufficient to use the appropriate opening key without having to dismantle the lamp. The on / off and fixed / flashing controls remain the usual ones. Also on the tag it is well highlighted 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 signs used with a fixed red signal lamp for pedestrian safety, located on the construction site head barriers.

The LETsmart system helps the visually impaired to overcome perceptual barriers.

Examples of use (depending on the **specific country** regulations):  
on barriers, delimitation panels, cones, construction site fencing, folding signs and fall protection.