

SECURLUX LAMP

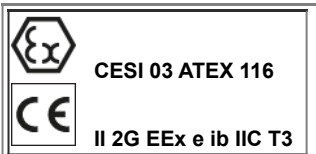
LUX SECUR

Rechargeable explosion-proof lamp for use in areas with potentially explosive atmospheres. Built in compliance with directive 94/9/CE and with standards CEI EN 50014, CEI EN 50019, CEI EN 50020.

TECHNICAL FEATURES:

- **type of protection: II 2 G Ex e ib IIC T3**
- bulb: 6 V 0.9° E 10 Xenon
- battery: Ni /Cd 6V 4Ah
- recharge with a special 230V - 50/60 Hz power supply from a 12V battery
- not equipped with a device for emergency intervention in the event of a mains failure.
- charging time 24 hours
- autonomy (Ta 25° C): 4h
- ambient operating temperature: -20°C +40°C
- ambient temperature during recharging: 0°C +35° C
- max enclosure temperature: 65°C
- case in thermoplastic material, black color (dimensions: 250 x 370 x 130 mm).
- weight kg 1,600



Degree of protection: IP66



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- Device with increased and **intrinsic safety II G Ex e ib IIC T3** , designed to be used in environments at risk of explosion in the areas established by the European directive 94/9/CE dated 23/03/1994 (for equipment) and 1999/ 92/CE dated 16/12/1999 (for plants). The criteria for the classification of areas with risk of explosion are given by the EN 60079-10 standard. The technical requirements of electrical systems in classified areas are given by the EN 60079-14 standard
- Complies with the ATEX 94/9 CE directive
- Certificate no. CESI 03 ATEX 116
- The appliance can also be used in IIA and IIB environments
- Having temperature class T3, the appliance is also suitable for all substances with higher temperature classes (T2, T1)
- The batteries can be charged without distinction, **exclusively in a safe area** , from the mains or in direct current at 12V, using the two power supplies supplied with the lamp.
- It is supplied with a strong synthetic case.

SECURITY DATA

II 2 G
Equipment for surface systems with the presence of gases or vapors, category 2 suitable for zone 1 and with redundancy for zone 2
EX and ib
Increased safety equipment with intrinsically safe circuits of category “ ib ”
II C
Group II C equipment suitable for substance (gas) of group II C
T3
Lamp temperature class (maximum surface temperature)

Marking of compliance with applicable European directives

Marking of conformity to directive 94/9/CE and technical regulations
CES extension
Name of the laboratory which issued the EC type examination certificate
03 ATEX 116
03 year of issue of the certificate: 116 certificate number
0722
Number of the notified body which carries out the surveillance of the production system