



Instructions for the use of portable luminaire **SLAM HORNET**

An operator is responsible for the safety of his equipment. He must ensure that the equipment is installed and used in accordance with regulations and is checked before initial use. The equipment must be kept in a fit state by regular inspection and maintenance. The User/operator must observe the installation requirements and use the equipment only for its intended use as a portable luminaire. Installation requirement standard EN 60079-14 emphasises in its introduction that the equipment in Explosion hazardous areas must be chosen and are to be used according to their purpose of use and design ratings.

In addition to what has been mentioned above, observe the following special requirements:

1. Inspect the Slam Hornet –luminaire before use. If the cable or any other part of the luminaire is damaged, the use of the luminaire is prohibited.
2. Inspection and maintenance of the Slam Hornet –luminaire is allowed only in non hazardous areas. Personnel who carry out such maintenance and repair should work under the guidance of an explosion protection specialist and should be informed of the particular dangers involved. After having completed the work, notes should be made of the work carried out, and confirmation given that all the relevant regulations have been observed. A certain specialist should check any extensive modifications which may have a negative effect on the explosion protection. When changing components, the characteristics data related to the component should be noted. Only original parts from the manufacturer can be used. Only a damp cloth may be used when cleaning the luminaire. No detergents or solvents are allowed. **NOTICE:** In case that the luminaire is having outer metal parts (cable clamp, end-part screws, fixing methods) the earthing continuity has to be ensured. The testing of the end-part screws is not covering Slam-Hornet 1x11W RL versions.
3. In case the luminaire (IP 6X) is used in an area with combustible dust (Zone 20), forming of dust layers thicker than 5mm is to be prevented on a surface of the luminaire
4. The Operator has to ensure that the supply voltage of each luminaire varies maximum +/- 6 % from the value stated in the characteristics data (type label). The maximum current is 16A. The frequency is 50 Hz if not otherwise stated in the characteristics data. The possible built-in socket is only for chaining the Slam-Hornet luminaires.
5. Slam Hornet –luminaire is designed and tested according to the following standards:

EN 60598-1 (1999, Luminaires Part 1: General requirements and tests)
EN 60598-2-4 (1997, Luminaires-Particular requirements: Portable general purpose)
EN 50 014 (1992, General requirements)
EN 50 019 (1994, Increased safety "e")
EN 50 028 (1987, Encapsulation "m")

More information about the Electrical Apparatus for Explosive Gas Atmospheres is available at

EN 60079-14 (Electrical installations in hazardous areas); EN 60079-10 (Classification of hazardous areas)
EN 60079-17 Inspection and maintenance of electrical installations in hazardous areas
IEC 60079-19 (Repair and overhaul for apparatus used in potentially explosive atmospheres)

The Slam-luminaire has a product warranty of one (1) year from the original date of delivery. The warranty does not cover fluorescent tubes or cables. This warranty does not cover products, which have been used improperly.

The warranty is only covering the repair of a faulty design, materials or assembly in accordance with the Clauses 23-33 of General conditions NL 01 E.



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