

1 **UK-TYPE EXAMINATION CERTIFICATE**

2 **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**
UKSI 2016:1107 (as amended) – Schedule 3A, Part 1

3 UK-Type Examination **BAS21UKEX0439**
Certificate Number:

4 Product: **Wolflite XT-****

5 Manufacturer: **Wolf Safety Lamp Company Limited**

6 Address: **Sheffield, S8 0YA**

7 This product and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8 SGS Baseefa, Approved Body number 1180, in accordance with Regulation 43 of the Equipment and Protective Systems Intended for Use in Potentially Explosive Atmospheres Regulations 2016, UKSI 2016:1107 (as amended), certifies that this product has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products intended for use in potentially explosive atmospheres given in Schedule 1 of the Regulations.

The examination and test results are recorded in confidential Report No. **GB/BAS/ExTR22.0016/00**

9 Compliance with the Essential Health and Safety Requirements has been assured by compliance with:

EN IEC 60079-0:2018 EN 60079-11:2012

except in respect of those requirements listed at item 18 of the Schedule.

10 If the sign “X” is placed after the certificate number, it indicates that the product is subject to the Specific Conditions of Use specified in the schedule to this certificate.

11 This UK-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified product. Further requirements of the Regulations apply to the manufacturing process and supply of this product. These are not covered by this certificate.

12 The marking of the product shall include the following:

 See schedule

SGS Baseefa Customer Reference No. **1112**

Project File No. **21/0495**

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R S SINCLAIR
TECHNICAL MANAGER
On behalf of SGS Baseefa Limited

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Schedule

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Certificate Number BAS21UKEX0439

15 Description of Product

The Wolflite XT-** is a handlamp designed for use in Zone 1, Zone 0, or Zone 21 hazardous areas. Some models are also suitable for Group I use.

It comprises a Nylon based static dissipative body with a rubber 2nd shot that provides visual detail and protection against mechanical shocks. The front lens is constructed from either anti-static coated 4mm polycarbonate, or from 4mm glass. A switch underneath the handle contains a magnet that operates a reed switch mounted inside the handlamp body. A custom Lithium Ion battery pack provides power for the electronic control circuit and up to four LEDs.

The Wolflite XT-** is designed to be charged in a safe area using the approved charger that has a maximum output voltage not exceeding 14V.

The 1st star is a number that denotes different sub models for operational purposes and does not affect the marking of the equipment. The 2nd star denotes versions with different codes:

The Wolflite XT is outside the scope of EN 60079-28:2015 as clarified by IEC 60079-28:2015/ISH1:2019.

Wolflite XT-** (2nd star < 5): Ⓢ II 2GD Ex ib IIC T4 Gb Ex ib IIIB T185°C Db
(-20°C ≤ T_{amb} ≤ +40°C)

Some build options permit a marking of: (-30°C ≤ T_{amb} ≤ +40°C)

Group I variants may also be marked: Ⓢ I M2 Ex ib I Mb

Wolflite XT-** (2nd star ≥ 5): Ⓢ II 1G2D Ex ia IIC T4 Ga Ex ib IIIB T185°C Db
(-20°C ≤ T_{amb} ≤ +40°C)

Some build options permit a marking of: (-30°C ≤ T_{amb} ≤ +40°C)

Group I variants may also be marked: Ⓢ I M1 Ex ia I Ma

16 Report Number

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17 Specific Conditions of Use

None.

18 Essential Health and Safety Requirements

In addition to the Essential Health and Safety Requirements (EHSRs) covered by the standards listed at item 9, the following are considered relevant to this product, and conformity is demonstrated in the report:

Clause	Subject
21(1)	External effects
21(2)	Aggressive substances, etc.

19 Drawings and Documents

Number	Sheet	Issue	Date	Description
XT-701	1	9	28/06/21	Approval – Wolflite XT Marking
XT-711	1	9	07/07/21	Approval - Wolflite XT - General Arrangement

For all other current drawings see Baseefa09ATEX0326 Issue 8.

The above drawings are common to Baseefa09ATEX0326 and IECEx BAS 09.0153.