# Wolflite H-251A Bulb Replacement

11th November 2008

The H-251ALED Wolfilte Handlamp is a new LED model of the H-251A Wolflite Handlamp. The H-251ALED has been certified ATEX compliant. Certificate number BAS00ATEX2176.

The purpose of this report is to confirm the suitability of Wolf Safety spare part number H-79 LED centre contact, for use as a replacement for H-69 bulb and H-29 centre contact in the H-251A Handlamp.

The following review of EN60079-19: 2007 Equipment repair and overhaul and reclamation, confirms that the new LED assembly H-79 is acceptable as a direct replacement for the H-69 bulb and H-29 centre contact.

A clause by clause review was carried out. The following sections have been highlighted as relevant to this product (clause's 4.1, 6.2, 6.4, 8, 11.)

Clause 4.1 General principles
Easy fit direct replacement.
Instructions on spares pack supplied with every H-79.
Only possible to fit in one orientation.
Model type laser etched onto LED H-79 assembly.

Clause 6.2, 6.4 Additional requirements for "i".
Battery pack is still "i" the H-79 LED does not change this.
The temperature issues have been addressed in the H-251ALED certificate number BAS00ATEX 2176. There is no change from the bulb approval (T4).

Clause 8. Additional requirements for "e".
Instructions and spares to state remove bulb H-69 and holder H-29, replace with H-79 LED assembly.

Clause 11. Requirement for tD Dust.
Change is internal no change to external temperature class.

## Summary
Baseefa have issued a variation to the certificate BAS00ATEX2176 confirming that H-69 Bulb and H-29 holder can be replaced by H-79 LED centre contact.

By reviewing EN60079-19: 2007 Equipment repair and overhaul and reclamation, Wolf Safety Lamp are confirming the H-79 is a suitable and safe replacement for H-69/H-29 on all previous versions of the H-251A even though the replacement is not directly referenced on the product approval label.

H-79 Must not be used in any other Wolflite Handlamp product. These include:-
H-4DC, H-4DCA, H-251 Mk2, H-251 Mk1.

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