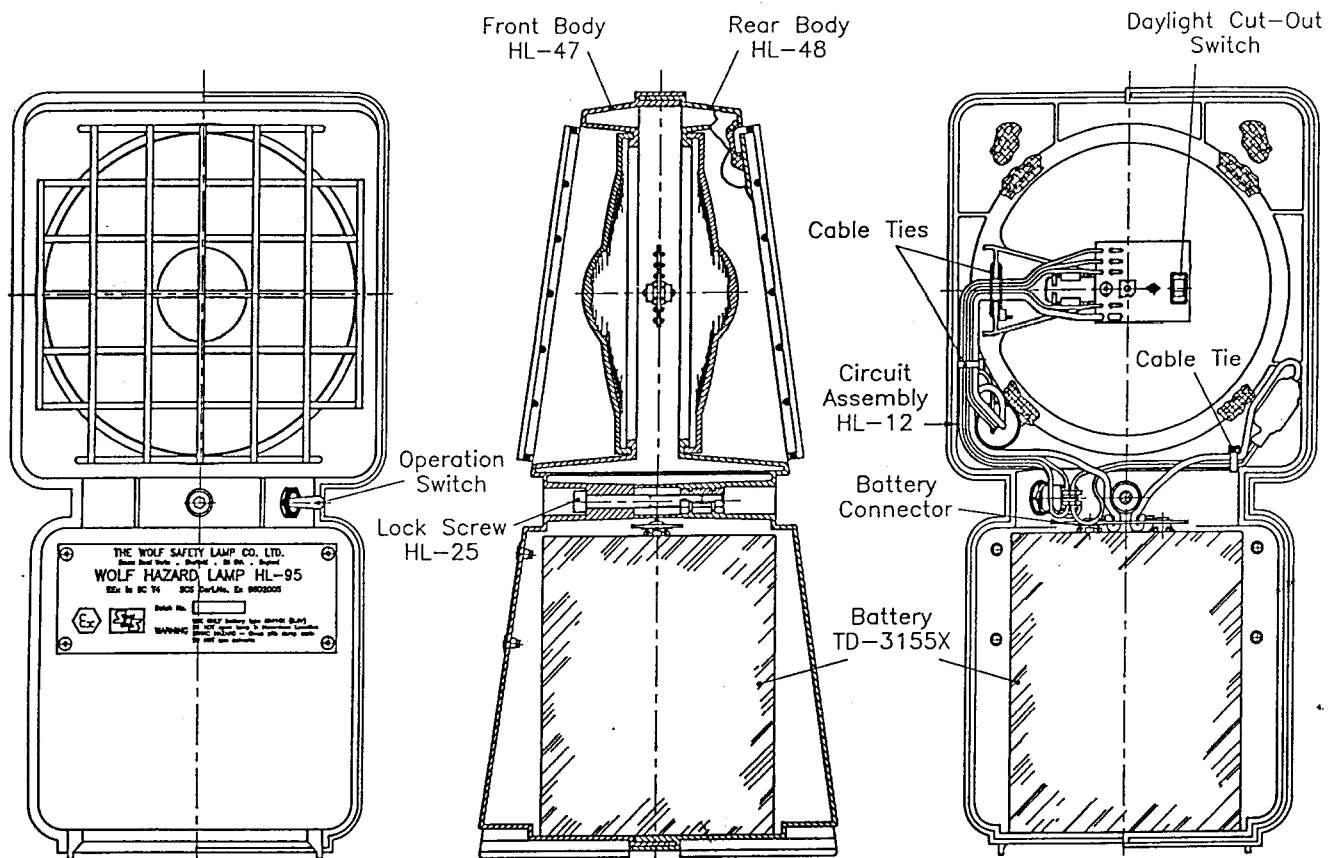


WOLF HAZARD LAMP HL-95



The Wolf Hazard Lamp HL-95 has recently been certified to the European EN50 Standards concerning Electrical apparatus for potentially explosive atmospheres. It is one of the first products to carry a 1995 "D" certificate, issued by Sira Certification Service. Testing to Factory Mutual requirements, as recognised in the USA, is expected to be completed within a matter of months.

The Wolf Hazard Lamp is unique amongst portable "Ex" equipment. It has been designed to be located in explosive atmospheres for extended periods as an illuminated warning device. Expected applications include effective demarcation between hazardous area zones and highlighting of obstacles and dangers within such confined spaces.

Wolf Hazard Lamp features include:

- Safe use in Zone 0, 1 or 2.
- Static or flashing mode - selectable from operation switch mounted on exterior of lamp.
- Daylight cut-out mode - selectable from internally mounted secondary switch.
- Continuous operation for up to two months in flashing mode.
- Light generated by high intensity LED technology.
- 180° lens arrangement.
- Light output comparable to requirements of BS 3143:part 2:1990 for low-intensity Road Danger Lamps.

Specification

Order Code	HL-95
Enclosure	Injection Moulded Polypropylene
Lens	High-Impact Polycarbonate (Amber as standard)
	Metal Guard fitted
Battery	Type AD416X - Air-depolarised 5.6 V (Supplied separately - Order Code TD-3155X)
Battery Duration	Flashing Mode - up to 1500 hours Static Mode - up to 500 hours
Flash Rate	60 flashes per minute
Dimensions	Height 355mm Length 168mm Width 180mm
Weight	2.8 kgs approx. (with battery)

Certification

Note: The product is only covered by those approvals detailed on the label.

Certification to European CENELEC Standards

SCS Certificate No. Ex 95 D 2005

Code: EEx ia IIC T4

Certified to Intrinsic Safety "ia" (applicable standards EN 50 014, EN 50 020)

For use in all Group 'II' gases and vapours, Zones 0, 1 & 2 Hazardous areas.

Temperature classification T4

Approval to Factory Mutual System

Approval Pending

Anticipated Code: Class I Div. 1 Groups A, B, C, D T4

Intrinsically Safe Apparatus (applicable standards FM 3600, FM 3610)

For use in all Class "I" gases and vapours, Divisions 1 & 2 Hazardous locations

Temperature classification T4

This product may only be used in "indoor" or "outdoor protected" applications.

(This only applies to use under the F.M. Approval)

Operation

To fit battery

- Remove locking screw and separate the lamp front from rear.
- Remove tear-off strip from top of battery.
- Fit battery into lamp front and attach battery connector.
- Replace rear half of the lamp and locking screw.

Operation

- The external switch provides the option of flashing or static modes.
- The internal switch on the LED circuit board provides the user with an optional daylight cut-out mode, automatically turning off the lamp in day-light, thus conserving the battery.

Warning

- Use only the AD416X battery in this product.
- Do not open the lamp in a Hazardous area/location.
- Clean only with a damp cloth.
- Do not use solvents.

Spare Parts

<u>Description</u>	<u>Part No.</u>
Front body complete	HL-47
Rear body complete	HL-48
Circuit Assembly	HL-12
Lock Screw	HL-25
Lock Key	HL-05
AD416X Battery (supplied seperately)	TD-3155X

Body parts supplied complete with lens, guard, etc. Amber lens supplied as standard.

In the event of a failure in the circuit, only the complete circuit assembly is supplied as a spare part.

Foam packing is provided to hold the potted control circuit in position.

As a result of continual development, specifications may be altered without prior notice.

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