DET-TRONICS®

A UTC Fire & Security Company

SPECIFICATION DATA

Portable Test Lamps
W8066, W867, W868

Ultraviolet Test Lamp
W8066

DESCRIPTION

The W8066 Ultraviolet (UV) Test Lamp is a portable, battery operated source of UV radiation that is used for periodic testing of ultraviolet flame detection systems. The intrinsically safe device simulates a fire by producing a beam of UV radiation with the same wavelength as the response range of Det-Tronics UV detectors, enabling the operator to verify proper system operation without the need for an open flame. The physical characteristics of the W8066 are comparable to a common flashlight, making it easier to handle and operate than other test lamps.

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OPERATING RANGE—
The ultraviolet test lamp will typically actuate a UV detection system (using a DE1888 sensor tube) at a distance of approximately 30 feet (10 meters) from the detector, with the system sensitivity level set at 25 cps.

ENCLOSURE—
CSA certified intrinsically safe for use in outdoor hazardous locations, Class I, Division 1, Groups A, B, C, D; Class II, Division 1, Group G; T4A. FM approved intrinsically safe for Class I, Division 1, Groups A, B, C, D; T4A. Designed to meet BASEEFA/CENELEC requirements for EEx ia IIC T4.

INPUTPOWER—
The W8066 test lamp is powered by a 9 volt alkaline battery.

TEMPERATURE RATINGS—
Operating: 32°F to 104°F (0°C to 40°C).
Storage: –22°F to 158°F (–30°C to 70°C).

OPERATING TIME—
Approximately four hours continuous operation between battery replacement. This will vary with the ambient temperature.

SHIPPING WEIGHT—
1.1 pound (0.5 kg).

Ultraviolet Test Lamp
W867

DESCRIPTION

The W867 Ultraviolet/Infrared (UV/IR) Test Lamp is a portable, battery operated, explosion-proof source of UV and IR radiation that is used for periodic testing of UV, IR or UV/IR flame detection systems. The W867 Test Lamp simulates a fire by producing UV and IR radiation with the same frequency and wavelength as the response range of Det-Tronics UV/IR detectors, enabling the operator to verify proper system operation without the need for an open flame.

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ENCLOSURE—
Explosion proof cast aluminum housing is FM approved for Class I, Division 1, Groups C and D; Class II, Division 1, Groups E, F, and G; T6.

ELECTRICAL RATINGS—
Battery Charger Input Voltage: 120 vac, 60 hz; 220 vac, 50 hz optional.

TEMPERATURE RATINGS—
Operating: –5°F to +122°F (–15°C to +50°C).
Charge: 32°F to 104°F (0° to 40°C).
Storage: –5°F to +104°F (–15°C to +40°C).

OPERATING TIME—
Approximately 15 minutes continuous between recharges. This will vary with the ambient temperature.

SHIPPING WEIGHT—
14 pounds.

Ultraviolet Test Lamp
W868

DESCRIPTION

The W868 Dual Frequency Infrared (IR) Test Lamp is a portable, battery operated source of IR radiation that is used for periodic testing of dual frequency infrared flame detection systems. The W868 simulates a fire by producing pulsing infrared radiation with the same frequency and wavelength as the response range of Det-Tronics dual frequency IR detectors, enabling the operator to verify proper system operation without the need for an open flame.

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ELECTRICAL RATINGS—
The W868 test lamp is powered by a four “D” cell 1.5 volt alkaline batteries, 0.25 ohm maximum internal resistance each cell.

TEMPERATURE RATINGS—
Operating: 32°F to 140°F (0°C to 60°C).
Storage: –13°F to 158°F (–25° to 70°C).

OPERATING TIME—
Approximately two hours continuous between battery replacement. This will vary with the ambient temperature.

SHIPPING WEIGHT—
2 pounds.

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Environmental Protection
Waste electrical products should not be disposed of with industrial and commercial waste. Please recycle where facilities exist. Check with your Local Authority or the local Detector Electronics office for recycling advice.

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Specifications subject to change without notice.