



FENIX WF11E Intrinsically Safe Flashlight Instruction Manual

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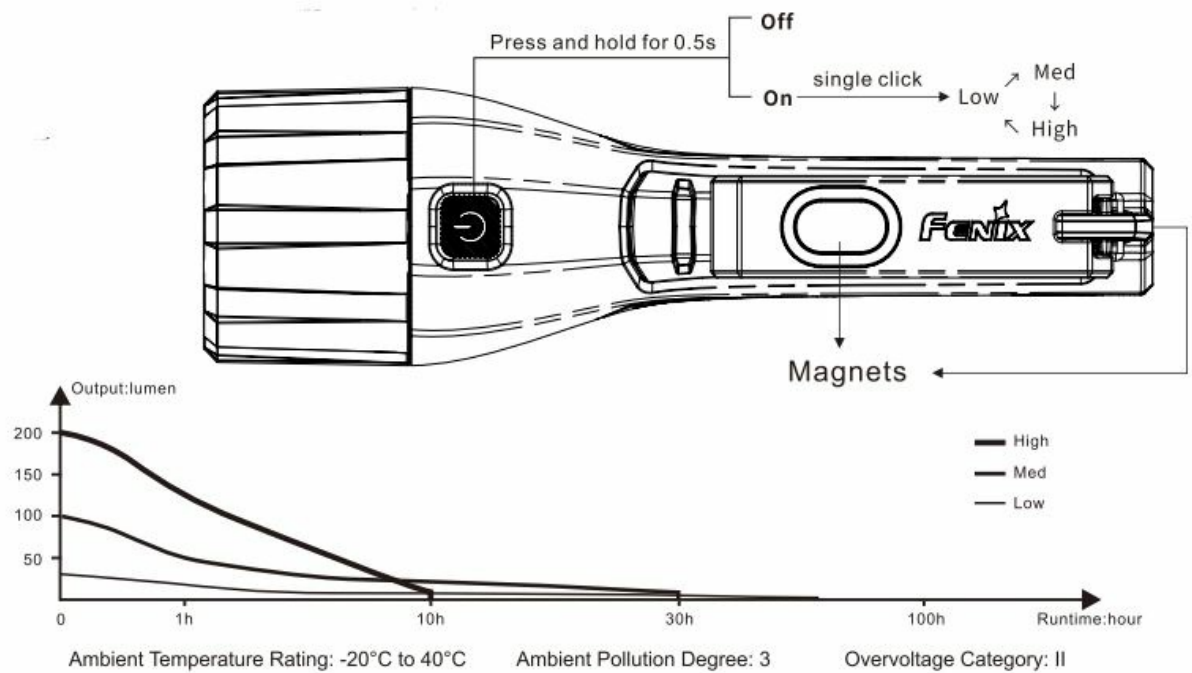
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FENIX WF11E Intrinsically Safe Flashlight



STANDARDS



- IEC 60079-0:2011 Edition:6.0
- IEC 60079-11:2011 Edition:6.0
- EN 60079-0:2012/A11:2013
- EN 60079-11:2012
- CAN/CSA-C22.2 No. 0-10 (r 2015)
- CSA C22.2 No.250.4-14
- CAN/CSA-C22.2 No. 60079-0:15
- CAN/CSA-C22.2 No. 60079-11:14

- UL153- Thirteenth Edition
- ANSIUL 913-2018
- ANSIUL 60079-0-2013 (r2017)
- ANSI/UL 60079-11 Sixth Edition (March28, 2014)
- GB 3836.1-2010
- GB 3836.4-2010
- GB 12476.1-2013
- GB 12476.4-2010

CERTIFICATE NUMBER & MARKING

- **IECX: IECE TUR 18.0041X**

Ex ia IIC T4 Ga

Ex ia IIIC T130°C Da IP66/IP67

- **ATEX: TÜV 18 ATEX 8251 X**

II 1G Ex ia IIC T4 Ga

II 1D Ex ia IIIC T130°C Da IP66/IP67

- **PCEC: CE19.2314X**

Ex ia IIC T4 Ga

Ex iaD 20 T130°C

- **SGS:SGSNA/21/SUW/00098X**

Class I,Division 1, Groups A B C D,T4

Class II,Division 1,Groups E F G, T4

Class III

Class I, Zone 0 A/Ex ia IIC T4 Ga

Zone 20 A/Ex ia IIIC T130°C Da

LIGHTING FOR EXTREMES



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WF11E Intrinsically safe flashlight

The Fenix W11E is an intrinsically safe flashlight with magnetic tail and body clip, which emits a max output of 200 lumens. It has passed the necessary tests and was certified by IECEx, SGS and ATEX. Thus this product can be safely used in Zone 0, Zone 1 and Zone 2, where there is explosive gas mixture belongs to IIA, IIB and IIC; and it can be used in combustible dust areas: Zone 20, Zone 21 and Zone 22 as well, such as petroleum, chemical and textile industries, fire controlling, metallurgical areas, electric power stations and areas, and paper producing plants, etc.







PRODUCT FEATURES

- Intrinsically safe flashlight for use in hazardous areas.
- Cree XP-G2 neutral white LED with a lifespan of 50,000 hours.
- Powered by three AA alkaline batteries as shown in the battery list below.
- Three output levels, max 200 lumens.
- Made of explosion-proof and antistatic plastics.
- Magnetic light tail and body clip.
- Physical reverse polarity protection, to protect from improper battery insertion.
- Weight: 5.64 oz / 160 g (excluding batteries).
- 6.59" Length x 0.94" Width x 1.93" Height / 167.5 × 24 × 49 mm.

MARKINGS

- Exia IIC T4 Ga
- Exia IIIC T130°C Da IP66/IP67
- II 1G Ex ia IIC T4 Ga
- II 1D Exia IIIC T130°C Da IP66/IP67
- Class I, Division 1, Groups A B C D, T4
- Class II, Division 1, Groups E F G, T4

TECHNICAL PARAMETERS

ANSI/PLATO FL1	HIGH	MED	LOW
 OUTPUT	200 Lumens	100 Lumens	30 Lumens
 RUNTIME	10 hours	29.5 hours	70 hours
 DISTANCE	185 meters	141 meters	81 meters
 INTENSITY	8512 candelas	4972 candelas	1652 candelas
 IMPACT RESISTANCE	1 meter		
 WATERPROOF	IP66 / IP67		

Test condition: Three Energizer E91 AA Alkaline batteries, temperature 21 ± 3°C, humidity 50% – 80%.

- Class III
- Class I, Zone 0 A/Exia IIC T4 Ga
- Zone 20 A/Exia IIIC T130°C Da
- Exia IIC T4 Ga
- ExiaD 20 T130°C

OPERATING INSTRUCTION

On/Off

Press and hold the switch for 0.5 seconds to turn on/off the light.

Output Selection

With the light turned on, single click the switch to cycle through Low->Med->High.

BATTERY SPECIFICATIONS

TYPES	DIMENSIONS	NOMINAL VOLTAGE
ENERGIZER E91	AA	1.5 V
DURACELL MN1500	AA	1.5 V
RAYOVAC 815	AA	1.5 V

Warning:

1. Do not disassemble the light or replace battery in potentially explosive atmospheres.
2. For your safety only use the abovementioned batteries.
3. Do not mix batteries of different types and capacities. Doing so may cause danger, or damage the flashlight.

BATTERY REPLACEMENT

Unscrew the light head and remove the battery holder. Replace the battery and ensure it is inserted in accordance with polarity marks. Insert battery holder into the light body then tighten the light head.

USAGE AND MAINTENANCE

- Uses only the three recommended types of batteries.
- If the light will not be used for an extended period, remove the battery, or the light could be damaged by electrolyte leakage.
- Long-term use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.

INCLUDED

WF11E Flashlight, 3 X A Alkaline batteries (Energizer E91), Spare O-ring, Lanyard, User manual, Warranty card

WARNING

- Do not disassemble the light or replace battery in potential explosive atmospheres.
- The flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. Avoid shining the flashlight directly into anyone's eyes.
- Do not use in explosive atmospheres if the flashlight is with missing parts or its shell is obviously broken.

SPECIAL CONDITION OF USE

1. Do not open the enclosure or replace the batteries when an explosive atmosphere may be present.
2. Only the following batteries may be used in the model

WF11E Flashlight:

- Energizer E91 AA Alkaline.
- Duracell MN1500 AA Alkaline.
- Rayovac 815 AA Alkaline.
- MAX 70 HOURS
- 3 x AA ALKALINE BATTERIES

Documents / Resources

	<p>FENIX WF11E Intrinsically Safe Flashlight [pdf] Instruction Manual WF11E Intrinsically Safe Flashlight, WF11E, Intrinsically Safe Flashlight, Safe Flashlight, Flashlight</p>
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