



FENIX WF30RE Intrinsically Safe Flashlight User Manual



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WF30RE Intrinsically Safe Flashlight

	280 LUMENS MAXIMUM OUTPUT
	170 METERS MAXIMUM BEAM DISTANCE

MARKINGS

IECEX: IECEX TUR 18.0042X

Ex Ib IIC T4 Gb

Ex ib IIICT130°C Db

ATEX: TOY 18 ATEX 8252X

II 2G Ex Ib IIC T4 Gb

II 20 Ex Ib IIIC T130°C Ob

CSA: CSA20CA80059279X Ex ib IIC T4 Gb;

Ex ib IIICT130°C Db

Class I, Zone 1, AEx ib IIC T4 Gb; Zone 21.AEx ib IIIC T130°C Db

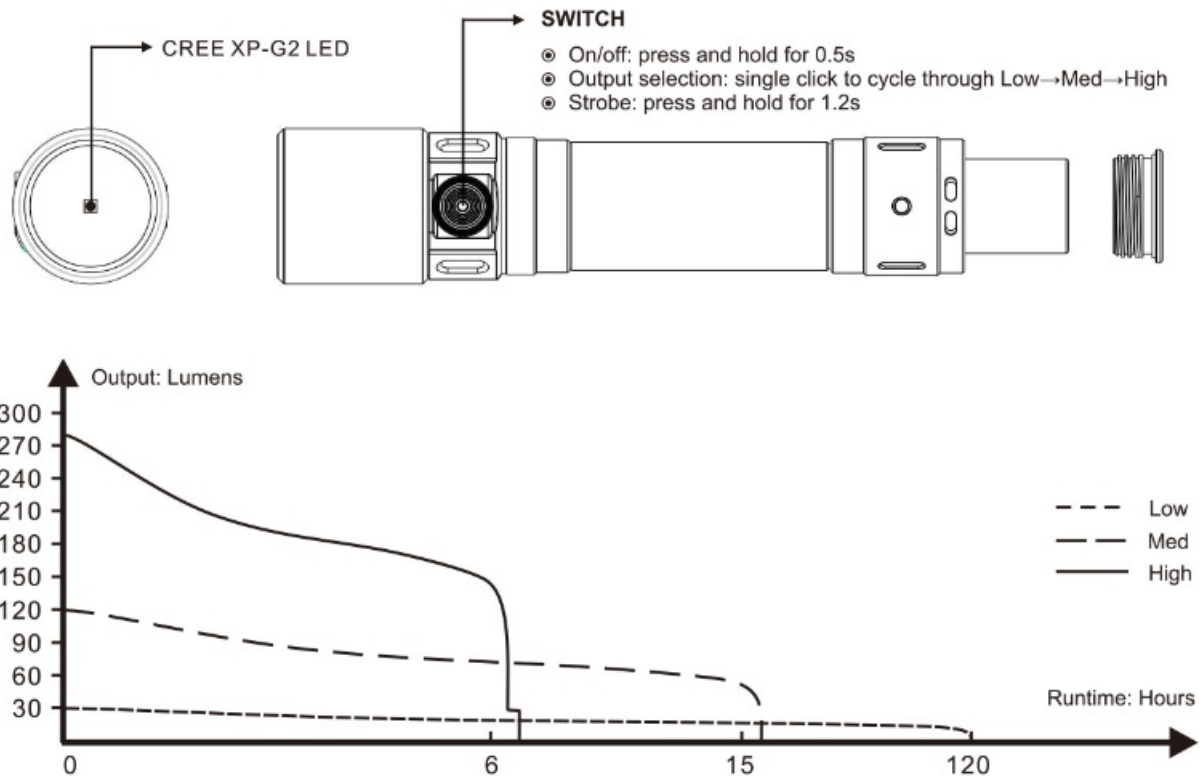
NEPSI: GYB20.1823X

Ex Ib IIC T4 Gb Ex IBD 211130

STANDARDS

IEC 60079-0:2017
 IEC 60079-11:2011
 EN 60079-0:2018
 EN 60079-11:2012
 GB 3836.1-2010
 GB 3836.4-2010
 GB 12476.1-2013
 GB 12476.4-2010

CAN/CSA-C22.2 No. 60079-0:15
 CAN/CSA-C22.2 No. 60079-11:1
 4 CSA C22.2 No.250.4-14
 U ANSI/UL 60079-0-Sixth Edition
 ANSUL 60079-11-Sixth Edition
 UL153- Thirteenth Edition
 UL 1576-First Edition (used as a guide)



FENIX WF30RE INTRINSICALLY SAFE FLASHLIGHT

- Intrinsically safe flashlights for use in hazardous areas.
- Cree XP-G2 LED with a lifespan of 50,000 hours.
- Powered by one Fenix ARB-L21-2600Ex rechargeable Li-ion battery.
- Rechargeable design.
- Three output levels; 280 lumens maximum output.
- Multiple explosion-proof certifications of IECEx, ATEX, and CSA.
- Specialized charger included.
- Made of durable high-strength and oxidation-resistance aluminum.
- Premium type HAIII hard-anodized anti-abrasive finish.
- Weight: 7.58 oz / 215 g (including battery).
- Size: 5.93" x 1.34" x 1.10" 150.5 x 34 x 28 mm.

MARKINGS

IECEX: IECEX TUR 18.0042X

Ex Ib IIC T4 Gb

Ex Ib IIIC T130°C Db

ATEX: TOV 18 ATEX 8252X

112G Ex ib IIC T4 Gb II 2D Ex ib IIIC T130°C Db

CSA: CSA2OCA80059279X Ex Ib IIC T4 Gb; Ex ib IIIC T130°C OD

Class I, Zone 1, AEx Ib IIC T4 Gb: Zone 21, AEx ib IIIC T130°C Db







NEPSI: GYB20.1823X

Ex ib IIC T4 Gb

Ex ibD 21 7130

STANDARDS

- IEC 60079-0:2017
- IEC 60079-11:2011
- EN 60079-0:2018
- EN 60079-11:2012
- GB 3836.1-2010
- GB 3836.4-2010
- GB 12476.1-2013
- GB 12476.4-2010
- CAN/CSA-C22.2 No. 60079415
- CAN/CEA-022.2 No. 60079-11:14
- CSA C22.2 No.250.4-14
- ANSI/UL 60079-0-Sixth Edition

ANSI/PLATO FL1	HIGH	MED	LOW	STROBE
 OUTPUT	280 Lumens	120 Lumens	30 Lumens	280 Lumens
 RUNTIME	6 hours 50 minutes	15 hours 40 minutes	120 hours	/
 DISTANCE	170 meters	120 meters	58 meters	/
 INTENSITY	7200 candela	3589 candela	830 candela	/
 IMPACT RESISTANCE	1 meter			
 SUBMERSIBLE	IP66 / IP68			



Note: According to the ANSI/PLATO FL1 standard, the above specifications are from the results produced by Fenix through its laboratory testing using the Fenix ARB-L21-2600Ex rechargeable Li-ion battery under the temperature of 21±3°C and humidity of 50% – 80%. The true performance of this product may vary according to

different working environments and the actual battery used.

- ANSI/UL 60079-11-Sixth Edition
- UL153- Thirteenth Edition
- UL 1576-First Edition (used as a guide)

OPERATING INSTRUCTION

On/Off

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

Output Selection

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

Strobe

When the light is switched on, press and hold the switch for 1.2 seconds to enter the strobe. Single-click the switch to turn back to the previously used output.

Intelligent Memory Circuit

The light memorizes the last selected output excluding the strobe. When turned on again the previously used output will be recalled.

BATTERY SPECIFICATIONS

For your safety, use only Fenix ARB-L21-2600Ex rechargeable Li-ion battery.

BATTERY REPLACEMENT

Open the tail cap with an 8mm Allen wrench, insert the ARB-L21-2600Ex Li-ion battery with the electrode towards the light head, and close and screw the tail cap. Warning:

1. Do not open when an explosive atmosphere is present.
2. Do not charge the battery in a hazardous location.
3. For your safety, only use the Fenix ARB-L21-2600Ex rechargeable Li-ion battery.

CHARGING

1. Connect the charging protector to the adapter, then connect to a power source, the indicator of the charging protector will flash alternately in red and green, indicating that it is in the charging preparation state.
2. Reveal the charging port of the light, and plug the socket of the charging protector into the light's, the indicator of the charging protector displays red while charging, and will turn to green when fully charged.
3. Once charging is completed, be sure to close the anti-dust cover. Warning. Do not charge the battery in a hazardous location.
4. When charging, use the included charging protector to protect the inner intrinsically-safe circuit.

BATTERY LEVEL INDICATION

With the light switched off, single-click the switch to check the battery status. The battery level indicator will display the battery status for 3 seconds.

Green light on: saturated 100% – 85%

Green light flashes: sufficient 85%- 50%

Red light on: poor 50% – 25%

Red light flashes: critical 25% – 1%

LOW-VOLTAGE WARNING

When the voltage level drops below the preset level, the flashlight is programmed to downshift to a lower brightness level until Low output is reached. When this happens in Low Output, the light blinks 3 times every 10 minutes to remind you to recharge or replace the battery.

USAGE AND MAINTENANCE

- Disassembling the sealed head can cause damage to the light and will void the warranty.
- Use only Fenix ARB-L21-2600Ex rechargeable Li-ion battery. If the light will not be used for an extended period, remove the battery. or the light could be damaged by electrolyte leakage.
- The included battery needs to be charged when it is near depletion. Please immediately charge the battery when it is depleted without concern of affecting the Li-ion battery. It has no memory effect.
- Long-tens use can result in O-ring wear. To maintain a proper water seal, replace the ring with an approved spare.

INCLUDED

WF3ORE Flashlight, Fenix ARB-L21-2600Ex rechargeable Li-ion battery, Charging adapter, Charging protector, Spare O-ring, Lanyard, EU Declaration of Conformity, User manual, Warranty card.

SPECIAL CONDITION OF USE

- Do not open and replace the battery when an explosive atmosphere is present.
- Use only Fenix ARB-L21-2600Ex rechargeable Li-ion battery. 0 Do not charge the battery in a hazardous location.
- Only the special charger of this product (with a charging protector) can charge the WF3ORE flashlight.
- Do not use in explosive atmospheres if the flashlight is missing parts (especially for the dust cap of the charging socket) or the shell of it is obviously broken.
- Ambient temperature rating: -20°C to 45°C.

OTHERS

- Ambient pollution degree:
- Overvoltage category: II



AWARNING

When using flashlights or lanterns, additional precautions should always be followed, including the following:

- To reduce the risk of injury, dose supervision is necessary when a product is used near children.
- Do not contact hot parts.
- Only use attachments recommended or sold by the manufacturer.

- To reduce the risk of electrical shock, do not put + in water or other liquid. Do not place or store the product where it can fall or be pulled into a tub or sink. + Replace with a specific part of the product in question.
- **WARNING:** To reduce the risk of injury, do not stare at the operating light. Serious eye injury could occur.
- Do not open or replace the battery when an explosive atmosphere is present.
- Use only ARB-L21-2600Ex rechargeable Li-ion battery. Do not charge the battery in a hazardous location.
- Substitution of components may irigepi linyin4l8 safety.
- The flashlight is a high-intensity lighting device capable of causing eye damage to the user or others. AvcildOSTtlnng; the flashlight directly into anyone’s eyes.

LIGHTING FOR EXTREMES

<div data-bbox="402 613 660 869" data-label="Image"> </div> <div data-bbox="453 880 609 913" data-label="Caption"> <p>FACEBOOK</p> </div>	<div data-bbox="1324 613 1517 869" data-label="Image"> </div> <div data-bbox="1393 880 1517 913" data-label="Caption"> <p>WECHAT</p> </div>
<div data-bbox="124 931 668 965" data-label="Text"> <p>https://www.facebook.com/fenixproducts/</p> </div>	<div data-bbox="984 931 1517 965" data-label="Text"> <p>http://weixin.qq.com/r/83U_JiHEP3xArWV</p> </div>

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Documents / Resources

	<p>FENIX WF30RE Intrinsic Safety Flashlight [pdf] User Manual</p> <p>WF30RE, Intrinsic Safety Flashlight, Safe Flashlight, Intrinsic Flashlight, Flashlight, WF30 RE</p>
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[Manuals+](#).