

# Gas Safety: Intrinsically Safe Flashlights

For hazardous areas belonging to IIA, IIB, and IIC where risk of an explosive gas atmosphere exists. These pass all necessary tests and are certified by IECEx, ATEX, and CSA for safe use in Zones 0, 1 and 2.

Both flashlights have a Cree XP-G2 neutral white LED with 50,000 hours lifespan. These are intrinsically safe flashlights used for hazardous areas belonging to IIA, IIB, and IIC where a risk of explosive gas atmosphere mixture exists. The 52-WF11E and 52-WF05E pass all necessary tests and are certified by IECEx, ATEX, and CSA for safe use in Zone 1 and Zone 2.

## Compact Safe Light # 52-WF11E



IP67 Protection  
ATEX Explosion Proof - Zone 0,1,2  
Hazardous Area Rating-Class 1 Division 1  
IECEx Certified-Yes  
Waterproof - Submersible to 3ft.

- Powered by three AA alkaline batteries.
- Three output levels, max 200 lumens.
- Made of explosion-proof antistatic plastics.
- Magnetic tail & clip for hands-free use.
- Physical reverse polarity protection, to protect from improper battery insertion.
- Weight: 5.64 oz (excluding batteries).
- 6.59" L x 0.94" W x 1.93" H

## Pen Safe Light #52-WF05E



IP68 Protection  
ATEX Explosion Proof - Zone 1,2  
Hazardous Area Rating-Class 1 Division 1  
IECEx Certified-Yes  
Waterproof - Submersible to 6.5ft.

- Powered by two AAA alkaline batteries.
- Three output levels, max 85 lumens.
- Made of durable high-strength aluminum.
- Type HAIII hard-anodized anti-abrasive finish.
- Physical reverse polarity protection, to protect from the improper battery insertion.
- Weight: 1.34 oz (excluding batteries).
- 5.29" L x 0.75" Head dia. x 0.59" Body dia.

Standard	Flashlight Performance					
	High 52-WF11E	High 52-WF05E	Medium 52-WF11E	Medium 52-WF05E	Low 52-WF11E	Low 52-WF05E
Setting /ANSI/PLATO FL1						
Output (Lumens)	200	85	100	30	30	10
Runtime (Hours)	10	11.5	29.5	35	70	80
Distance (Ft)	606	177	462	95	265	59
Intensity (Candelas)	8512	724	4972	210	1652	77
Impact Resistance (Ft)	3.28	3.28	3.28	3.28	3.28	3.28
Waterproof	IP66/IP67	IP66/IP68	IP66/IP67	IP66/IP68	IP66/IP67	IP66/IP68

### WARNING

Do not disassemble the light or replace the battery in potentially explosive atmospheres.

52-WF11 Use only Energizer E91, Duracell MN1500, or Rayovac 815 alkaline AA 1.5V batteries.

52-WF05 Use only Energizer E92, Duracell MN2400, or Panasonic LR03XWA size AAA 1.5V alkaline batteries

Do not mix batteries of different types and capacities. Doing so may cause damage to the flashlight.

### PLCS, LLC

102 Gaither Drive Unit 1

Mount Laurel, NJ 08054

(856) 722-1333 [www.plcsusa.com](http://www.plcsusa.com) [info@plcsusa.com](mailto:info@plcsusa.com)