

TECHNICAL DATA

# Fluke Intrinsically Safe Flashlights



**Introducing intrinsically safe flashlights from Fluke. Rugged and reliable. Safety certified. From the largest supplier of intrinsically safe measurement tools.**

**Work with confidence.**

You've always trusted Fluke for the best in intrinsically safe measurement tools. Now, Fluke expands this line to include safe, convenient and rugged flashlights to help you see the work you're doing, wherever you may be.



**UL CERTIFIED**

CLASS I DIV 1&2 GRP ABCD; CLASS II DIV 1&2 GRP EFG

**PROTECTED FROM HARSH ENVIRONMENTS**

IP67 and IP6X rated

**BUILT WITH FLUKE'S REPUTATION FOR SAFETY, DEPENDABILITY AND RUGGEDNESS**

**PART OF FLUKE'S MARKET LEADING LINE OF INTRINSICALLY SAFE PRODUCTS**

**Four models to fit your workload:**





- FL-45 EX – Convenient and compact. This pocket-sized light is great for lighting in small, crowded spaces or wherever you need it.
- FL-120 EX – Comfortable enough for everyday use. This light fits in your tool belt and features an ergonomic design with an overmolded rubber grip and a push-button for high and low light modes.
- FL-150 EX – Light for any workspace. This light fits in your tool belt and offers a high, low and a strobe light mode to give you the light you need wherever and whenever you need it.
- HL-200 EX – Hands-free headlamp. This headlamp securely grips your hardhat, leaving you hands-free for whatever your job demands. The light features an adjustable angle, as well as high and low light modes.

Whatever your work style, there's an intrinsically safe light to fit.

**Part of a complete intrinsically safe product line.**

From digital multimeters, multifunction process calibrators, flashlights and more, Fluke offers you a full line of safe, trusted, rugged and reliable intrinsically safe tools for everyday use in hazardous environments.

**Fluke intrinsically safe flashlight product line**

|               | FL-45 EX Intrinsically Safe Flashlight<br> | FL-120 EX Intrinsically Safe Flashlight<br> | FL-150 EX Intrinsically Safe Flashlight<br> | HL-200 EX Intrinsically Safe Headlamp<br> |
|---------------|---|--|---|--|
| Light modes   | On/Off  | High/Low/Off   | High/Low/Strobe/Off   | High/Low/Off   |
| Light Output  | 45 lumens   | High: 120 lumens<br>Low: 30 lumens   | High: 150 lumens<br>Low: 60 lumens  | High: 200 lumens<br>Low: 100 lumens  |
| Beam Distance | 40 m  | High: 200 meters<br>Low: 100 meters  | High: 110 meters<br>Low: 80 meters  | High: 100 meters<br>Low: 75 meters   |
| Run Time      | 20 hours  | High: 6 hours<br>Low: 69 hours   | High: 8 hours<br>Low: 30 hours  | High: 5 hours<br>Low: 12 hours   |
| Battery Size  | 2 x AAA   | 4 x AA   | 4 x AA  | 3 x AAA  |
| Light Source  | Cree XP-G2 LED  | Cree XP-E LED  | Cree XP-G2 LED  | Cree XP-G2 LED   |
| IP Rating     | IP67  | IP6X   | IP67  | IP67   |
| Weight        | 41 g  | 115 g  | 140 g   | 130 g  |
| Dimensions    | 142 x 30 x 26 mm  | 174 x 47 x 47 mm   | 172 x 47 x 47 mm  | 80 x 50 x 45 mm  |
| Warranty      | 1 year  | 1 year   | 1 year  | 1 year   |



## Safety certifications

|           |  |
|-----------|--|
| FL-45 EX  | <ul style="list-style-type: none"> <li>Ⓢ UL USA: E336598, Class 1 Div 1 and 2 Group ABCD, Class II Div 1 and 2 Group EFG, Class III T5 IP67</li> <li>⚡ II 1 G Ex ia IIC T5 Ga, I M1 Ex ia Ma, Ta = -20 °C to +40 °C, DEMKO 18 ATEX 2024X, Ex ia IIC T5 Ga, Ex ia I Ma, IECEx UL 18.0021X</li> <li>Ⓒ 0344 UL913, Eighth, CSA C22.2 No.157-92, 2016, EN 60079-0 : 2012+A11:2013, EN 60079-11 : Reaffirmed 2012, IEC 60079-0: Sixth, IEC 60079-11 Sixth, EN 50303:2000</li> </ul>     |
| FL-120 EX | <ul style="list-style-type: none"> <li>Ⓢ UL USA: E336598, Class 1 Div 1 and 2 Group ABCD, Class II Div 1 and 2 Group EFG, Class III T4 IP6X</li> <li>⚡ II 1 G Ex ia IIC T4 Ga, I M 1 Ex ia I Ma, DEMKO 18 ATEX 2024X, Ta = -20 °C to +40 °C, Ex ia IIC T4 Ga, Ex ia I Ma, IECEx UL 18.0021X</li> <li>Ⓒ 0344 UL913, Seventh, CSA C22.2 No.157-92, Reaffirmed 2012, EN 60079-0 : 2012+A11:2013, EN 60079-11 : 2012, IEC 60079-0: Sixth, IEC 60079-11 Sixth, EN 50303:2000</li> </ul> |
| FL-150 EX | <ul style="list-style-type: none"> <li>Ⓢ UL USA: E336598, Class 1 Div 1 and 2 group ABCD, Class II div 1 and 2 group EFG, Class III T4 IP67</li> <li>⚡ II 1 G Ex ia IIC T4 Ga, Ta = -20 °C to +40 °C, I M 1 Ex ia I Ma, DEMKO 18 ATEX 2024X, Ex ia IIC T4 Ga, Ex ia I Ma, IECEx UL 18.0021X</li> <li>Ⓒ 0344 UL913, Seventh, CSA C22.2 No.157-92, Reaffirmed 2016, EN 60079-0 : 2012+A11:2013, EN 60079-11 : 2012, IEC 60079-0: Sixth, IEC 60079-11 Sixth, EN 50303:2000</li> </ul> |
| HL-200 EX | <ul style="list-style-type: none"> <li>Ⓢ UL USA: E336598, Class 1 div 1 and 2 Group ABCD, Class II div 1 and 2 Group EFG, Class III T4 IP67</li> <li>⚡ II 1 G Ex ia IIC T4 Ga, DEMKO 18 ATEX 2024X, Ex ia IIC T4 Ga, Ta = -20 °C to +40 °C, IECEx UL 18.0021X</li> <li>Ⓒ 0344 UL913, Seventh, CSA C22.2 No.157-92, Reaffirmed 2016, EN 60079-0 : 2012+A11:2013, EN 60079-11 : 2012, IEC 60079-0: Sixth, IEC 60079-11 Sixth</li> </ul>  |

## Ordering information

- FL-45 EX** 45 lumen intrinsically safe flashlight
- FL-120 EX** 120 lumen intrinsically safe flashlight
- FL-150 EX** 150 lumen intrinsically safe flashlight
- HL-200 EX** 200 lumen intrinsically safe headlamp

**Fluke.** *Keeping your world up and running.*®

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