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.

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.

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

Fluke intrinsically safe flashlight product line

	FL-45 EX Intrinsically Safe Flashlight 	FL-120 EX Intrinsically Safe Flashlight 	FL-150 EX Intrinsically Safe Flashlight 	HL-200 EX Intrinsically Safe Headlamp 
Light modes	On/Off	High/Low/Off	High/Low/Strobe/Off	High/Low/Off
Light Output	45 lumens	High: 120 lumens Low: 30 lumens	High: 150 lumens Low: 60 lumens	High: 200 lumens Low: 100 lumens
Beam Distance	40 m	High: 200 meters Low: 100 meters	High: 110 meters Low: 80 meters	High: 100 meters Low: 75 meters
Run Time	20 hours	High: 6 hours Low: 69 hours	High: 8 hours Low: 30 hours	High: 5 hours 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 USA: E336598, Class 1 Div 1 and 2 Group ABCD, Class II Div 1 and 2 Group EFG, Class III T5 IP67 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 CE 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
FL-120 EX	UL USA: E336598, Class 1 Div 1 and 2 Group ABCD, Class II Div 1 and 2 Group EFG, Class III T4 IP6X 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 CE 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
FL-150 EX	UL USA: E336598, Class 1 Div 1 and 2 group ABCD, Class II div 1 and 2 group EFG, Class III T4 IP67 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 CE 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
HL-200 EX	UL USA: E336598, Class 1 div 1 and 2 Group ABCD, Class II div 1 and 2 Group EFG, Class III T4 IP67 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 CE 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

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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