

# KIRA Leuchten ATEX Hand Lamps LED Zone 1, 21, 2, 22

**Kira Leuchten GmbH type KE-LED-EX-4003 ATEX LED HAND LAMP**  
 COMPACT EXPLOSION-PROOF HAND LAMP | 230V - 110V - 42V - 24V - 12V

The explosion-proof hand lamp KE-LED-EX 4003 impresses with its compact and lightweight design. Thanks to its handy size, it is ideal for illuminating hard-to-reach and confined areas where inspection and service work is necessary. The light weight ensures that it never weighs you down, no matter how long you wear it.

**Explosion protection for maximum safety:**

A main feature of our hand lamp is first-class protection against explosions. It is certified to the most demanding standards for EX protection in EX zones 1, 2, 21 and 22. This means you don't have to worry about potential hazards in hazardous areas. Our light meets the strictest safety requirements. This makes them an ideal choice for use in oil and gas facilities, chemical plants and other hazardous environments.

**Waterproof with IP68 certification - reliable in all conditions:**

Our explosion-proof hand lamp is not only explosion-proof, but also has IP68 waterproof certification. This means that the lamp is protected against both dust ingress and immersion in water. Their robustness ensures that you can rely on the lighting in any situation without having to worry about the surroundings.

**5 voltage variants - for your specific requirements:**

The Kira explosion-proof hand lamp is available in five different voltage versions. So you can be sure that you will find the right version for your specific requirements. The available voltage variants allow you to operate the light with the most suitable power source. We have the solution that perfectly suits your needs



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**Technical specifications:**

**Nominal voltage:** 230-110-42-24-12V  
**Current:** 0,03 up to 0,20 A  
**IP Protection Class:** IP68 50m / 5h  
**Impact Resistance:** IK10  
**Protection Class:** Class II/III  
**Weight:** Approx. 1,55 kg  
**Tamb:** -20°C - +50°C  
**Number of LED's:** 3  
**Lifetime LED:** >50,000h  
**Power:** Depend on voltage  
**Real lumen:** Depend on voltage  
**Light colour:** 6,500K  
**Colour rendering:** >70  
**Diffuser:** Integrated diffuser film  
**Protective tube:** Polycarbonate IK10  
**End Caps and handle :** Neoprene  
**Hook:** Metal plastified  
**Cable:** 10 mtr H07RN-F 2x1,0 mm<sup>2</sup>  
**Plug:** OPTIONAL

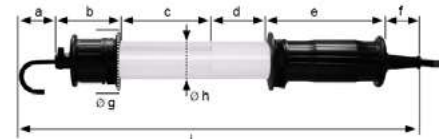
**ATEX Identification:**

II 2 G Ex eb mb op is IIC T4 Gb(Gas)  
 II 2 D Ex tb op is IIIC T105°C Db (Dust)  
**Tool group:** II  
**Category:** 2G / 2D  
**Approvals:** ATEX Zone 1, 21, 2, 22  
**ATEX Number:** TÜV 18 ATEX 8184



**Protection Class:**  
 230V - 110V - 42V are Class II  
 24V - 12V are Class III

**Dimensions:**



a - b - c - d - e - f - g - h - i (in mm)

40 - 65 - 100 - 70 - 115 - 40 - 43 - 40 - 430



Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL147000	KE-LED-EX-4003 with 10m cable H07RN-F 2x1,0 mm <sup>2</sup> w/o plug	220/240Vac	6,500K	3,3 W	200 lm	0,03 A
89KRL147010	KE-LED-EX-4003 with 10m cable H07RN-F 2x1,0 mm <sup>2</sup> w/o plug	110Vac/dc	6,500K	3,0 W	185 lm	0,025 A
89KRL147020	KE-LED-EX-4003 with 10m cable H07RN-F 2x1,0 mm <sup>2</sup> w/o plug	42Vac/dc	6,500K	3,8 W	180 lm	0,075 A
89KRL147030	KE-LED-EX-4003 with 10m cable H07RN-F 2x1,0 mm <sup>2</sup> w/o plug	24Vac/dc	6,500K	3,0 W	255 lm	0,10 A
89KRL147040	KE-LED-EX-4003 with 10m cable H07RN-F 2x1,0 mm <sup>2</sup> w/o plug	12Vac/dc	6,500K	2,8 W	235 lm	0,20 A

Cable lengths available from 5m up to 30m.

Special requests can be fulfilled - provided they are covered by the EX Certificate.

Kira can offer a large range of Safety Transformers and ATEX EX Transformers. Contact our product specialists for more info.



**Accessories:**

Article No.	Description
89KRL291281	Protective foil, antistatic SFO-EX 4003
89KRL290432	Mounting bracket (1 pcs) BFK D40 EX
89KRL291275	Magnetic bracket (1 pcs) KM 40-EX-KL

