

ATEX Hand Lamps with cable LED Zone 1, 21, 2, 22

Kira Leuchten GmbH type KE-LED-EX-4006-O ATEX LED HAND LAMP EXPLOSION-PROOF HAND LAMP | 230V - 110V - 42V - 24V - 12V

Immerse yourself in the world of safety and efficiency with our explosion-proof LED hand lamp, which was specially designed for use in hazardous areas in EX Zones 1, 2, 21 and 22. This explosion-proof inspection light combines advanced technology with robust design to meet the highest safety requirements.

Powered:

With 6 powerful power LEDs, this EX hand lamp delivers a bright, glare-free light that ensures optimal visibility in environments with explosive atmospheres. Whether in petrochemical plants, refineries, or other demanding industrial environments - our hand lamp is the perfect solution for reliable and safe lighting.

Robust and impact resistant:

The robustness of this EX light is unsurpassed. The impact-resistant polycarbonate protective tube protects the LED hand lamp from the adversities of daily use, be it shocks, vibrations or harsh environments.

Different voltage variants :

For maximum versatility, we offer different voltage variants to ensure that the explosion-proof hand lamp is perfectly tailored to your individual requirements. The integrated hanging hook allows the light to be easily attached to different locations - ideal when you need your hands free.

Waterproof:

Our ATEX hand lamp not only meets the highest safety standards, but is also waterproof to IP68. This means you can rely on their reliable performance, even in adverse weather conditions or humid environments. Overall, our explosion-proof LED hand lamp offers the ideal combination of safety, efficiency and longevity. Invest in a lighting solution that not only meets the highest standards, but also increases the working comfort and safety of your environment.

Typical applications:

- Chemical and petrochemical plants – clear signaling in potentially explosive production areas
- Oil and gas industry – robust warning lights for production facilities or refineries
- Food and pharmaceutical industry – visual marking of sensitive production areas
- Warehouse and logistics in hazardous areas – organization and safety through color markings



Suspension hook is 360° rotating

Technical specifications:

Nominal voltage: 230-110-42-24-12V
Current: 0,05 up to 0,29 A
IP Protection Class: IP68 50m / 5h
Impact Resistance: IK10
Protection Class: Class II/III
Weight: Approx. 1,65 kg
Tamb: -20°C - +50°C
Number of LED's: 6
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 : Aluminium, black anodized
Cable: 10 mtr H07RN-F 2x1,0 mm²
Plug: OPTIONAL

Cable lengths available from 5m up to 30m.

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 - 225 - 85 - 115 - 40 - 43 - 40 - 600



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

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL146000	KE-LED-EX-4006 with 10m cable H07RN-F 2x1,0 mm ² w/o plug	220/240Vac	6.500K	7,0 W	520 lm	0,05 A
89KRL146010	KE-LED-EX-4006 with 10m cable H07RN-F 2x1,0 mm ² w/o plug	110Vac/dc	6.500K	6,4 W	460 lm	0,05 A
89KRL146020	KE-LED-EX-4006 with 10m cable H07RN-F 2x1,0 mm ² w/o plug	42Vac/dc	6.500K	5,5 W	400 lm	0,11 A
89KRL146030	KE-LED-EX-4006 with 10m cable H07RN-F 2x1,0 mm ² w/o plug	24Vac/dc	6.500K	5,3 W	520 lm	0,18 A
89KRL146040	KE-LED-EX-4006 with 10m cable H07RN-F 2x1,0 mm ² w/o plug	12Vac/dc	6.500K	4,2 W	370 lm	0,29 A



Accessories:

Article No.	Description
89KRL291249	Protective foil, antistatic SFO-EX 4006
89KRL290432	Mounting bracket (1 pcs) BFK D40 EX
89KRL291275	Magnetic bracket (1 pcs) KM 40-EX-KL

