

KIRA Leuchten ATEX Ex LED Tube Luminaires Zone 1, 21, 2, 22

Kira Leuchten GmbH type KE-LED-EX-5018 ATEX LED TUBE 360° LUMINAIRE
LED TUBE LIGHT, EXPLOSION-PROOF 360° ILLUMINATION | 230V - 24V

The ATEX LED tube and work light KE-LED-EX 5018 presents itself as a groundbreaking solution for comprehensive 360° illumination, perfect for working in explosion-proof areas (EX zones 1, 2, 21 & 22). This innovative light not only enables all-round illumination, but also offers flexible accessories that open up both fixed and temporary mounting options. With its versatility, the 360° light is ideal for mobile applications, especially in conjunction with the optional silo suspension, which makes it ideal for tank and silo cleaning work.

Homogeneous & glare-free work light:

The integrated diffuser film of this lamp ensures that the light generated is glare-free and homogeneous, which makes the working environment particularly pleasant. This feature is particularly advantageous in situations where a clear view and precise illumination are crucial.

Through-wiring optionally available:

An outstanding feature of this tube light is the optional through-wiring, which allows multiple lights to be connected together. This practical feature significantly improves the flexibility and efficiency of the lighting solution. The mounting brackets included in the scope of delivery ensure effortless and quick installation, which significantly reduces the time and effort required during installation.

Robust and reliable:

The robust construction of the ATEX LED work light not only ensures reliable performance, but also excellent protection against moisture and moisture. With the impressive IP68 protection rating, the luminaire is ideally equipped to function optimally in wet and damp work areas. This makes them a reliable choice in environments where working conditions are particularly demanding.

Flexible customizable:

Another highlight is the possibility of individually configuring the supply cable length according to customer requirements. This flexibility makes it possible to adapt the luminaire precisely to the specific requirements and conditions of the working environment.

Overall, the ATEX LED tube light KE-LED-EX 5018 presents itself as an innovative and highly functional solution for lighting in explosion-proof areas. With its 360° illumination, the optionally available silo suspension, the glare-free lighting, the robust design for wet work areas and the individual configuration option, this light sets new standards in terms of efficiency, safety and adaptability.

Alternatively available: EX version hand lamp KE-LED-EX 5018 hand lamp



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Technical specifications:

- Nominal voltage:** 230-24V
- Current:** 0,06 up to 0,33 A
- IP Protection Class:** IP68 50m / 5h
- Impact Resistance:** IK10
- Protection Class:** Class II/III
- Weight:** Approx. 1,65 kg
- Tamb:** -20°C - +40°C
- Illumination:** 360°
- Number of LED's:** 18
- Lifetime LED:** >50.000h
- Power:** Depend on voltage
- Real lumen:** Depend on voltage
- Light colour:** 6.500K
- Colour rendering:** >70
- Diffuser:** Yes, glare-free due to integrated film
- Protective tube:** Polycarbonate IK10
- End Caps:** Aluminium, black anodized
- Cable:** 10 mtr H07BQ-F 2x1,5 mm²
- Plug:** OPTIONAL
- Mounting brackets:** OPTIONAL

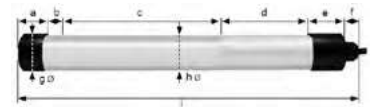
ATEX Identification:

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 8191 X



Protection Class:
230V is Class II the 24V is Class III

Dimensions:



a - b - c - d - e - f - g - h - i (in mm)
35 - 45 - 225 - 175 - 45 - 20 - 53 - 50 - 525



Kira can offer a large range of Safety Transformers and ATEX EX Transformers. Special requests can be fulfilled - provided they are covered by the EX Certificate. Contact our product specialists for more info.

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL149109	KE-LED-EX-5018 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6.500K	10 W	1000 lm	0,06 A
89KRL149100	KE-LED-EX-5018 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6.500K	10 W	1000 lm	0,06 A
89KRL149101	KE-LED-EX-5018 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6.500K	10 W	1000 lm	0,06 A
89KRL149102	KE-LED-EX-5018 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6.500K	10 W	1000 lm	0,06 A

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL149131	KE-LED-EX-5018 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6.500K	10 W	1000 lm	0,33 A
89KRL149130	KE-LED-EX-5018 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6.500K	10 W	1000 lm	0,33 A
89KRL149132	KE-LED-EX-5018 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6.500K	10 W	1000 lm	0,33 A
89KRL149133	KE-LED-EX-5018 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6.500K	10 W	1000 lm	0,33 A

With cable lengths up to 50m available!!



Accessories:

Article No.	Description
89KRL291658	Protective foil, antistatic SFO-EX 5018
89KRL290431	Mounting bracket (1 pcs) BFK D50 EX
89KRL290515	Magnetic bracket (1 pcs) KM 50-EX-KL
89KRL291411	Silo suspension AS-EX-5018

