

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

Kira Leuchten GmbH type KE-LED-EX-4003 ATEX LED TUBE LUMINAIRE
 COMPACT ATEX TUBE LIGHT / MACHINE LIGHT | 230V - 110V - 42V - 24V - 12V

The extremely compact, explosion-proof LED tube and machine light is defined as a first-class solution for effective lighting in demanding environments. Their small space requirement makes them particularly suitable for illuminating confined areas, containers and machines where modern and long-lasting lighting is essential. At the same time, it meets all safety requirements with regard to explosion protection in an exemplary manner.

Safe light with compact dimensions:

With three integrated POWER LED modules, this innovative light sets standards in terms of lighting quality. These ensure optimal illumination that is specifically tailored to the requirements of industrial environments. Safe light in vulnerable areas. Quick and uncomplicated installation is ensured by the fastening clips included in the scope of delivery, which enables time-saving installation. This practice-oriented solution makes the ATEX LED tube light particularly user-friendly and efficient to use.

Reliable light in harsh environments:

An additional highlight is the protection class IP68, which makes the light dust and waterproof. This feature greatly expands their range of uses and makes them an ideal choice for environments where dust and moisture are a challenge.

Five voltage variants - can be used flexibly:

In addition, the explosion-proof tube light is available in five different voltage versions, which enables flexible adaptation to different requirements.

Different colour variants available:

Upon request, we can equip the light with a colored cover in green, yellow, red, or blue. This instantly transforms the EX tube light into a signal or warning light, providing clear visual cues and further increasing safety and organization in the work environment.



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EX Signal Light:



Colour variants optionally available.

Overall, the KE-LED-EX 4003 LED tube and machine light presents itself as a versatile, powerful and safe lighting solution for industrial use. Their compact design, combined with first-class safety features and user-friendly installation, make them an indispensable tool in environments where the highest standards are required. With protection class IP68 and various voltage variants, this light underlines its versatility and flexibility to meet a wide range of requirements. **KIRA MADE IN GERMANY.**

Technical specifications:

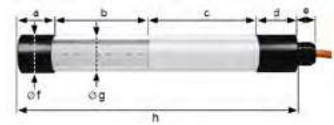
- Nominal voltage:** 230-110-42-24-12V
- Current:** 0,03 up to 0,20 A
- IP Protection Class:** IP68 50m / 5h
- Impact Resistance:** IK10
- Protection Class:** Class II/III
- Weight:** Approx. 1,55 kg
- Tamb:** -20°C - +50°C
- Number of LED's:** 3
- Lifetime LED:** >50.000h
- Power:** Depend on voltage
- Real lumen:** Depend on voltage
- Light colour:** 6,500K
- Colour rendering:** >70
- Diffuser:** OPTIONAL
- Protective tube:** Polycarbonate IK10
- End Caps :** Aluminium, black anodized
- Cable:** 10 mtr H07BQ-F 2x1,5 mm²
- Plug:** OPTIONAL
- Mounting brackets:** Included

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)
- Category:** 2G / 2D
- Approvals:** ATEX Zone 1, 21, 2, 22
- ATEX Number:** TÜV 18 ATEX 8184



Dimensions:



a - b - c - d - e - f - g - h (in mm)
 35 - 100 - 120 - 45 - 25 - 43 - 40 - 300



Article numbers Ex-4003:



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Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL147101	KE-LED-EX-4003 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6,500K	3,3 W	200 lm	0,03 A
89KRL147100	KE-LED-EX-4003 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6,500K	3,3 W	200 lm	0,03 A
89KRL147102	KE-LED-EX-4003 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6,500K	3,3 W	200 lm	0,03 A
89KRL147113	KE-LED-EX-4003 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6,500K	3,3 W	200 lm	0,03 A

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL147109	KE-LED-EX-4003 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	110Vac/dc	6,500K	3,0 W	185 lm	0,025 A
89KRL147110	KE-LED-EX-4003 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	110Vac/dc	6,500K	3,0 W	185 lm	0,025 A
89KRL147111	KE-LED-EX-4003 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	110Vac/dc	6,500K	3,0 W	185 lm	0,025 A
89KRL147112	KE-LED-EX-4003 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	110Vac/dc	6,500K	3,0 W	185 lm	0,025 A

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL147119	KE-LED-EX-4003 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	42Vac/dc	6,500K	3,8 W	180 lm	0,075 A
89KRL147120	KE-LED-EX-4003 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	42Vac/dc	6,500K	3,8 W	180 lm	0,075 A
89KRL147121	KE-LED-EX-4003 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	42Vac/dc	6,500K	3,8 W	180 lm	0,075 A
89KRL147122	KE-LED-EX-4003 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	42Vac/dc	6,500K	3,8 W	180 lm	0,075 A

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL147134	KE-LED-EX-4003 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6,500K	3,0 W	255 lm	0,10 A
89KRL147130	KE-LED-EX-4003 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6,500K	3,0 W	255 lm	0,10 A
89KRL147137	KE-LED-EX-4003 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6,500K	3,0 W	255 lm	0,10 A
89KRL147138	KE-LED-EX-4003 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6,500K	3,0 W	255 lm	0,10 A

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL147143	KE-LED-EX-4003 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	12Vac/dc	6,500K	2,8 W	235 lm	0,20 A
89KRL147140	KE-LED-EX-4003 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	12Vac/dc	6,500K	2,8 W	235 lm	0,20 A
89KRL147144	KE-LED-EX-4003 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	12Vac/dc	6,500K	2,8 W	235 lm	0,20 A
89KRL147145	KE-LED-EX-4003 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	12Vac/dc	6,500K	2,8 W	235 lm	0,20 A

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

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



IP68 Protection - 50m / 5h.

Protection Class:

230V - 110V - 42V are Class II

24V - 12V are Class III

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