

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

Kira Leuchten GmbH type KE-LED-EX-5024 ATEX LED TUBE LUMINAIRE EX-PROTECTED POWER LED TUBE LIGHT | 230V - 110V - 24V

The powerful ATEX LED tube light KE-LED-EX 5024 is an indispensable tool that supports you when working in explosion-proof environments with extremely bright and glare-free light. This highly developed luminaire is ideal for the permanent lighting of systems or buildings that have special and extreme requirements.

Bright and glare-free work light:

The KE-LED-EX 5024 is equipped with 24 powerful LEDs, which, in conjunction with the integrated diffuser film, create glare-free and homogeneous work light. This combination ensures that you have optimal visibility in potentially explosive areas to complete your tasks safely and effectively.

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 waterproof:

The light has IP68 protection, which means it can be used in damp and wet environments without losing performance. This robustness makes them particularly versatile and adaptable to a wide range of working conditions.

The KE-LED-EX 5024 is more than just a light source - it is also an investment in safety and efficiency. Thanks to its outstanding reliability and performance, it represents the optimal solution for people who work in potentially explosive environments and do not want to do without clear, glare-free lighting. Trust that the KE-LED-EX 5024 will illuminate your work environment safely and effectively.



INDEX



Technical specifications:

Nominal voltage: 230-110-24V
Current: 0,075 up to 0,550 A
IP Protection Class: IP68 50m / 5h
Impact Resistance: IK10
Protection Class: Class II/III
Weight: Approx. 2,2 kg
Tamb: -20 °C - +40 °C
Number of LED's: 24
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 diam. 50mm IK10
End Caps : Aluminium, black anodized
Cable: 10 mtr H07BQ-F 2x1,5 mm²
Plug: OPTIONAL
Mounting brackets: Included
 Diffuser foil integrated

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



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

Dimensions:



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

35 - 25 - 500 - 165 - 45 - 25 - 53 - 50 - 770

Protection Class:

230V - 110V are Class II the 24V is Class III

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL148102	KE-LED-EX-5024 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6,500K	14,5 W	1550 lm	0,075 A
89KRL148100	KE-LED-EX-5024 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6,500K	14,5 W	1550 lm	0,075 A
89KRL148103	KE-LED-EX-5024 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6,500K	14,5 W	1550 lm	0,075 A
89KRL148109	KE-LED-EX-5024 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	220/240Vac	6,500K	14,5 W	1550 lm	0,075 A

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL148117	KE-LED-EX-5024 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	110Vac/dc	6,500K	14,5 W	1600 lm	0,135 A
89KRL148110	KE-LED-EX-5024 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	110Vac/dc	6,500K	14,5 W	1600 lm	0,135 A
89KRL148118	KE-LED-EX-5024 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	110Vac/dc	6,500K	14,5 W	1600 lm	0,135 A
89KRL148120	KE-LED-EX-5024 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	110Vac/dc	6,500K	14,5 W	1600 lm	0,135 A

Article No.	Description	Voltage	Colour	Wattage	Lumen	Current
89KRL148133	KE-LED-EX-5024 with 5m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6,500K	15,5 W	1650 lm	0,550 A
89KRL148130	KE-LED-EX-5024 with 10m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6,500K	15,5 W	1650 lm	0,550 A
89KRL148131	KE-LED-EX-5024 with 15m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6,500K	15,5 W	1650 lm	0,550 A
89KRL148132	KE-LED-EX-5024 with 20m cable H07BQ-F 2x1,5 mm ² w/o plug	24Vac/dc	6,500K	15,5 W	1650 lm	0,550 A

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

Accessories:

Article No.	Description
89KRL291654	Protective foil, antistatic SFO-EX 5024
89KRL290432	Mounting bracket (1 pcs) BFK D50 EX
89KRL290515	Magnetic bracket (1 pcs) KM 50-EX-KL
89KRL291388	Pedestal STA-EX Stainless Steel V2A

