



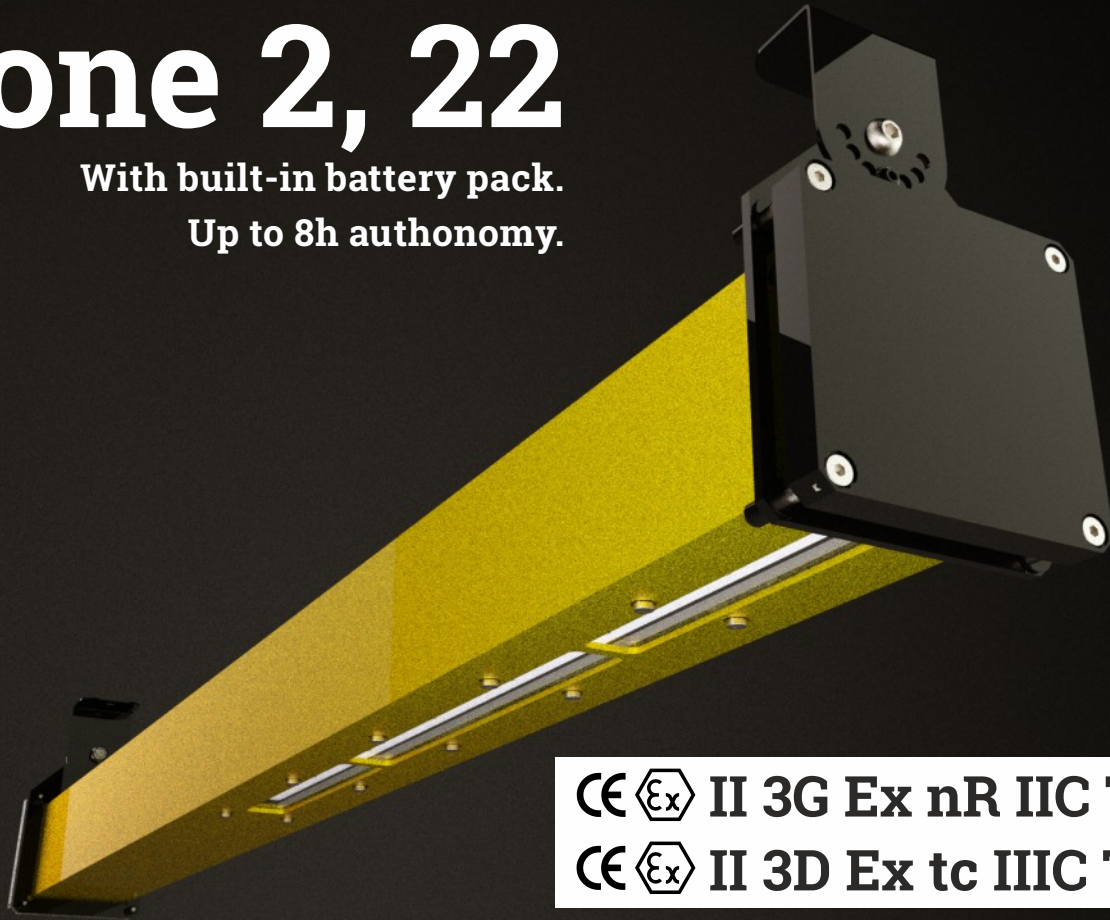
**KERMANN**



**Kermann ExProof Linear X Z2 EM product line**

# Zone 2, 22

With built-in battery pack.  
Up to 8h authonomy.



CE II 3G Ex nR IIC T6 Gc  
CE II 3D Ex tc IIC T85°C Dc



- prominently high luminaire efficacy, up to 140 lm/W
- Zone 2 and Zone 22 certificate
- 2 different lenght: 990 and 1426 mm
- CRI>80
- 3 available CCT: 3000; 4000 and 5000K

- Samsung LED light source
- Tridonic LED driver
- high quality materials
- different available mounting accessoires
- ideal for replacing traditional fluorescent luminaires

**The power of the luminaires can be configured on request !**

Type of luminaire	Ex Zone	Maximum Power	Maximum Luminous flux*	Power in EM mode	Luminous flux in EM mode	Authonomy	Weight
ExProof Linear X3 Z2 EM	Z2	48W	7455 lm	3-12W	625-2500lm	1; 2; 3; 8 hrs	4,5kg
ExProof Linear X6 Z2 EM	Z2	93W	14 910 lm	3-12W	625-2500lm	1; 2; 3; 8 hrs	4,5kg
ExProof Linear X8 Z2 EM	Z2	132W	22 365 lm	3-12W	625-2500lm	1; 2; 3; 8 hrs	5,4kg
ExProof Linear X3 Z22 EM	Z22	48W	7455 lm	3-12W	625-2500lm	1; 2; 3; 8 hrs	4,5kg
ExProof Linear X6 Z22 EM	Z22	93W	14 910 lm	3-12W	625-2500lm	1; 2; 3; 8 hrs	4,5kg
ExProof Linear X8 Z22 EM	Z22	132W	22 365 lm	3-12W	625-2500lm	1; 2; 3; 8 hrs	5,4kg

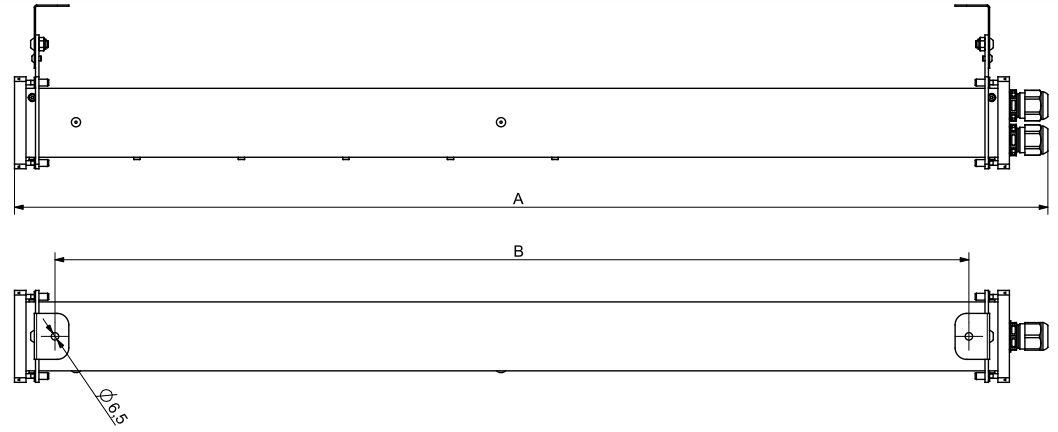
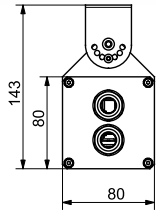
η: Light output ratio = 76%

\*with 4000 K and 80 CRI light source.

**Made in Hungary**

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**KERMANN****Kermann ExProof Linear X product line**

Dimension	A/mm	B/mm
X3	990	885,5
X6	990	885,5
X8	1426	1321,5

**Maximal number of luminaires connected to 1 circuit breaker (at maximum power level)**

Type of luminaire	Inrush current	Type	max number of luminaires			
			10A	13A	16A	20A
ExProof Linear X3	31A / 175 µs	B	14	18	23	28
		C	23	30	38	46
ExProof Linear X6	35A / 240 µs	B	10	13	16	20
		C	16	21	26	33
ExProof Linear X8	66A / 240 µs	B	5	6	8	10
		C	8	10	13	16

The maximum number of luminaires connected to 1 circuit breaker may differ depending on the certain type of the circuit breaker. In each individual case, get contact with the circuit breaker's manufacturer!



Linear X Z2 product line is equipped with LED light source. Thanks to the high quality design, the lifetime of the luminaire is very long, more than 54.000 hrs. The service costs are extremely low. A universal mounting bracket is included with the luminaire, which enables easy mounting on ceiling. There are different available mounting accessories too, which permit of wall mounting, hanging or mounting on pipe bridges, lighting poles.

Nominal supply voltage:	220-240V AC 50/60Hz / 220V DC
Power factor:	>0,9
CCT	4000K
Optional CCT	3000K,5000K
CRI:	>80 CRI
Beam angle:	120°
IP class:	IP 66
IK class:	IK 09
Electric protection:	CLASS I (protective earth)
Surface treatments:	Powder coating
Materials:	Aluminium, galvanized steel, PC
Lifetime: L70	>54 000 hrs
Ambient temperature:	-20°C - +50°C

The given information is for rough orientation only! In each individual case a lighting design is necessary! Subject to technical changes, misprints and errors.

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